

Appendix B - DAE & Probe Calibration Certificate

		and appress	
credited by the Swiss Accredita e Swiss Accreditation Service ultilateral Agreement for the re	e is one of the signatories	to the EA	No.: SCS 0108
ent SGS-TW (Aude	en)	Certificate No	: DAE4-1336_Aug20
ALIBRATION C	ERTIFICATE		
Dbject	DAE4 - SD 000 D0	04 BM - SN: 1336	
Calibration procedure(s)	QA CAL-06.v30 Calibration proced	ure for the data acquisition elec	tronics (DAE)
Calibration date:	August 13, 2020		
		nal standards, which realize the physical un bability are given on the following pages an	
The measurements and the unce All calibrations have been condu	ertainties with confidence pro		d are part of the certificate.
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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

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

Glossarv

DAE Connector angle

data acquisition electronics information used in DASY system to align probe sensor X to the robot coordinate system.

Methods Applied and Interpretation of Parameters

- DC Voltage Measurement: Calibration Factor assessed for use in DASY system by comparison with a calibrated instrument traceable to national standards. The figure given corresponds to the full scale range of the voltmeter in the respective range.
- Connector angle: The angle of the connector is assessed measuring the angle mechanically by a tool inserted. Uncertainty is not required.
- The following parameters as documented in the Appendix contain technical information as a result from the performance test and require no uncertainty.
 - DC Voltage Measurement Linearity: Verification of the Linearity at +10% and -10% of the nominal calibration voltage. Influence of offset voltage is included in this measurement.
 - Common mode sensitivity: Influence of a positive or negative common mode voltage on the differential measurement.
 - Channel separation: Influence of a voltage on the neighbor channels not subject to an input voltage.
 - AD Converter Values with inputs shorted: Values on the internal AD converter corresponding to zero input voltage
 - Input Offset Measurement: Output voltage and statistical results over a large number of zero voltage measurements.
 - Input Offset Current: Typical value for information; Maximum channel input offset current, not considering the input resistance.
 - Input resistance: Typical value for information: DAE input resistance at the connector, during internal auto-zeroing and during measurement.
 - Low Battery Alarm Voltage: Typical value for information. Below this voltage, a battery alarm signal is generated.
 - Power consumption: Typical value for information. Supply currents in various operating modes.

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DC Voltage Measurement

High Range:	1LSB =	6.1µV,	full range =	-100+300 mV
Low Range:	1LSB =	61nV .	full range =	-1+3mV

Calibration Factors	Х	Y	Z
High Range	403.373 ± 0.02% (k=2)	403.675 ± 0.02% (k=2)	403.157 ± 0.02% (k=2)
Low Range	3.95195 ± 1.50% (k=2)	3.98791 ± 1.50% (k=2)	3.99627 ± 1.50% (k=2)

Connector Angle

	and a first of the second second
Connector Angle to be used in DASY system	339.0 ° ± 1 °

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Appendix (Additional assessments outside the scope of SCS0108)

1. DC Voltage Linearity

High Range	Reading (µV)	Difference (µV)	Error (%)
Channel X + Input	200038.51	1.81	0.00
Channel X + Input	20007.18	1.22	0.01
Channel X - Input	-20005.20	0.72	-0.00
Channel Y + Input	200036.89	0.39	0.00
Channel Y + Input	20004.92	-0.88	-0.00
Channel Y - Input	-20007.27	-1.25	0.01
Channel Z + Input	200038.49	2.22	0.00
Channel Z + Input	20006.13	0.32	0.00
Channel Z - Input	-20007.34	-1.29	0.01

Low Range	Reading (µV)	Difference (µV)	Error (%)
Channel X + Input	2001.38	-0.01	-0.00
Channel X + Input	201.37	-0.04	-0.02
Channel X - Input	-198.55	-0.02	0.01
Channel Y + Input	2001.32	0.01	0.00
Channel Y + Input	200.36	-0.97	-0.48
Channel Y - Input	-199.71	-1.04	0.52
Channel Z + Input	2001.21	-0.06	-0.00
Channel Z + Input	200.65	-0.64	-0.32
Channel Z - Input	-199.52	-0.85	0.43

2. Common mode sensitivity

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	Common mode Input Voltage (mV)	High Range Average Reading (μV)	Low Range Average Reading (µV)
Channel X	200	5.14	4.45
	- 200	-4.22	-5.45
Channel Y	200	-4.29	-4.17
	- 200	2.35	2.01
Channel Z	200	22.38	22.64
	- 200	-24.85	-24.58

3. Channel separation

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	Input Voltage (mV)	Channel X (µV)	Channel Y (µV)	Channel Z (µV)
Channel X	200	Sec. 1	4.88	-1.29
Channel Y	200	8.14		6.18
Channel Z	200	8.43	6.05	¥

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4. AD-Converter Values with inputs shorted

DASY measurement paramet	ameters: Auto Zero Time: 3 sec; Measuring time. 5 sec	
	High Range (LSB)	Low Range (LSB)
Channel X	15663	16348

Channel X	15663	16348
Channel Y	15906	15692
Channel Z	15844	14523

5. Input Offset Measurement

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec Input 10MO

	Average (µV)	min. Offset (μV)	max. Offset (µV)	Std. Deviation (µV)
Channel X	0.78	-0.03	1.45	0.34
Channel Y	-0.66	-2.18	1.28	0.41
Channel Z	-0.43	-1.19	0.51	0.34

6. Input Offset Current

Nominal Input circuitry offset current on all channels: <25fA

7. Input Resistance (Typical values for information)

	Zeroing (kOhm)	Measuring (MOhm)
Channel X	200	200
Channel Y	200	200
Channel Z	200	200

8. Low Battery Alarm Voltage (Typical values for information)

Typical values	Alarm Level (VDC)
Supply (+ Vcc)	+7.9
Supply (- Vcc)	-7.6

9. Power Consumption (Typical values for information)

Typical values	Switched off (mA)	Stand by (mA)	Transmitting (mA)
Supply (+ Vcc)	+0.01	+6	+14
Supply (- Vcc)	-0.01	-8	-9

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	tation Service (SAS) ce is one of the signatories (editation No.: SCS 0108
ultilateral Agreement for the		ertificates	
ient SGS-TW (Auc	len)	Certificate No:	EX3-7466_Feb20
ALIDDATION	OFOTICIOATE		
ALIBRATION	CERTIFICATE		
Object	EX3DV4 - SN:746	6	
All salar and addressed	04 641 01 10 01	A CAL-12.v9, QA CAL-14.v5, QA	CAL 23.05
Calibration procedure(s)	QA CAL-01.V9, QA QA CAL-25.V7	- CAL-12.VO, GA CAL-14.VO, CA	UAL-20.90
		ure for dosimetric E-field probes	
Calibration date:	February 4, 2020		
			a local state
		al standards, which realize the physical units	
the measurements and the unit	certainties with confidence pro	bability are given on the following pages and a	are part of the certificate.
All calibrations have been cond	lucted in the closed laboratory	facility: environment temperature (22 ± 3)°C a	and humidity < 70%.
	&TE critical for calibration)		
	&TE critical for calibration)		
Calibration Equipment used (M			
Calibration Equipment used (M Primary Standards	D	Cal Date (Certificate No.)	Scheduled Calibration
Calibration Equipment used (M Primary Standards Power meter NRP	ID SN: 104778	Cal Date (Certificate No.) 03-Apr-19 (No. 217-02892/02893)	Scheduled Calibration Apr-20
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-Z91	ID SN: 104778 SN: 103244	Cal Date (Certificate No.) 03-Apr-19 (No. 217-02892)02893) 03-Apr-19 (No. 217-02892)	Scheduled Calibration Apr-20 Apr-20
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-291 Power sensor NRP-291	ID SN: 104778 SN: 103244 SN: 103245	Cal Date (Certificate No.) 03-Apr-19 (No. 217-02882/02893) 03-Apr-19 (No. 217-02882) 03-Apr-19 (No. 217-02883)	Scheduled Calibration Apr-20 Apr-20 Apr-20
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Atternuator	ID SN: 104778 SN: 103244	Cal Date (Certificate No.) 03-Apr-19 (No. 217-02892)02893) 03-Apr-19 (No. 217-02892)	Scheduled Calibration Apr-20 Apr-20
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator DAE4	ID SN: 104778 SN: 103244 SN: 103245 SN: 55277 (20x)	Cal Date (Certificate No.) 03-Apr-19 (No. 217-02882/02833) 03-Apr-19 (No. 217-02882) 03-Apr-19 (No. 217-02863) 04-Apr-19 (No. 217-02864)	Scheduled Calibration Apr-20 Apr-20 Apr-20 Apr-20 Apr-20 Apr-20
Calibration Equipment used (M	ID SN: 104776 SN: 103244 SN: 103245 SN: 65277 (20x) SN: 660	Cal Date (Certificate No.) 03-Apr-19 (No. 217-02882/02833) 03-Apr-19 (No. 217-02882) 03-Apr-19 (No. 217-02883) 04-Apr-19 (No. 217-02884) 27-Dec-19 (No. DAE-660, Dec19)	Scheduled Calibration Apr-20 Apr-20 Apr-20 Apr-20 Dec-20 Dec-20
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Atternuator DAE4 Reference Probe ES3DV2	ID SN: 104776 SN: 103244 SN: 103245 SN: 65277 (20x) SN: 660	Cal Date (Certificate No.) 03-Apr-19 (No. 217-02882/02833) 03-Apr-19 (No. 217-02882) 03-Apr-19 (No. 217-02883) 04-Apr-19 (No. 217-02884) 27-Dec-19 (No. DAE-660, Dec19)	Scheduled Calibration Apr-20 Apr-20 Apr-20 Apr-20 Dec-20 Dec-20
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Atteruator DAE4 Reference Probe ES3DV2 Secondary Standards	ID SN: 104778 SN: 103244 SN: 103245 SN: 55277 (20x) SN: 660 SN: 3013	Cal Date (Certilicate No.) 03-Apr-19 (No. 217-02682/02693) 03-Apr-19 (No. 217-02682) 03-Apr-19 (No. 217-02683) 04-Apr-19 (No. 217-02683) 04-Apr-19 (No. 217-02694) 27-Dec-19 (No. DAE4-680, Dec19) 31-Dec-19 (No. ES3-3013, Dec19)	Scheduled Calibration Apr-20 Apr-20 Apr-20 Apr-20 Dec-20 Dec-20
Calibration Equipment Used (M Primary Standards Power smarch NRP-291 Power sansor NRP-291 Power sansor NRP-291 Reference 20 dB Attenuator DAE4 Reference Probe ES3DV2 Secondary Standards Power meter E44198	ID SN: 104778 SN: 103244 SN: 103245 SN: 58277 (20x) SN: 660 SN: 3013	Cal Date (Certificate No.) 03-Apr-19 (No. 217-02862/02893) 03-Apr-19 (No. 217-02862) 03-Apr-19 (No. 217-02863) 04-Apr-19 (No. 217-02864) 27-Dec-19 (No. ES3-3013, Dec19) 31-Dec-19 (No. ES3-3013, Dec19) Check Date (in house)	Scheduled Calibration Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Dec-20 Scheduled Check
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-291 Power sensor NRP-201 Reference 20 dB Attenuator DAE4	ID SN: 104778 SN: 103244 SN: 103245 SN: 660 SN: 660 SN: 3013 ID SN: GB41290874	Cal Date (Certificate No.) 03-Apr-19 (No. 217-02862/02833) 03-Apr-19 (No. 217-02862) 04-Apr-19 (No. 217-02863) 27-Dec-19 (No. 217-02864) 27-Dec-19 (No. 253-013, Dec19) 31-Dec-19 (No. ES3-0013, Dec19) Check Date (in house) 06-Apr-16 (in house heck Jun-18)	Scheduled Calibration Apr 20 Apr 20 Apr 20 Apr 20 Dec-20 Dec-20 Scheduled Check In house check. Jun-20
Calibration Equipment used (M Primary Standards Power smiter NRP Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator DE4 Reference Probe ES3DV2 Secondary Standards Power matter E44198 Power sensor E4412A	10 SN: 104778 SN: 10244 SN: 10244 SN: 0244 SN: 0245 SN: 0245 SN: 0245 SN: 0313 ID SN: 0841293874 SN: M41469087	Cal Date (Certificate No.) 03-Apr-19 (No. 217-02852/02893) 03-Apr-19 (No. 217-02852) 03-Apr-19 (No. 217-02854) 04-Apr-19 (No. 217-02854) 27-0ec-19 (No. DE4-660, Dec19) 31-0ec-19 (No. DE4-660, Dec19) 05-Apr-16 (in house) 06-Apr-16 (in house) check Jun-18) 06-Apr-16 (in house check Jun-18)	Scheduled Calibration Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Scheduled Check In house check, Jun-20 In house check, Jun-20
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-291 Power sensor NRP-291 Reference 20 e8 Attenuator DAE4 Reference Probe ES3DV2 Secondary Standards Power meter E44198 Power sensor E4412A Power sensor E4412A	ID SN: 103244 SN: 103246 SN: 00246 SN: 00246 SN: 6600 SN: 5013 ID SN: GB41293874 SN: M741469067 SN: M741469067	Cal Date (Certificate No.) 03-Apr-19 (No. 217-02862/02833) 03-Apr-19 (No. 217-02862) 04-Apr-19 (No. 217-02863) 27-Dec-19 (No. D&E-680, Dec19) 31-Dec-19 (No. ES3-3013, Dec19) Check Date (in house of the Jun-18) 06-Apr-16 (in house of the Jun-18) 06-Apr-16 (in house of the Jun-18) 06-Apr-16 (in house of the Jun-18)	Scheduled Calibration Apr-20 Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Scheduled Check In house check, Jun-20 In house check, Jun-20 In house check, Jun-20
Calibration Equipment used (M Primary Standards Power smitter NRP Power sansor NRP-291 Power sansor NRP-291 Reference Probe ES30V2 Secondary Standards Power sansor E44198 Power sansor E44198 Power sansor E4412A Ref generator VH 8848C	10 SN: 104778 SN: 10244 SN: 10244 SN: 05244 SN: 05247 (20x) SN: 660 SN: 3013 ID SN: 0641293874 SN: MY41498087 SN: 000110210 SN: 000110210 SN: US41080477	Cal Date (Certilicate No.) 03-Apr-19 (No. 217-02682/02893) 03-Apr-19 (No. 217-02682) 03-Apr-19 (No. 217-02682) 04-Apr-19 (No. 217-02894) 27-Dec-19 (No. 217-02894) 27-Dec-19 (No. 253-3013, Dec19) Check Date (in house) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 31-Mar-14 (in house check Jun-19)	Scheduled Calibration Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Dec-20 Scheduled Check In house check. Jun-20 In house check: Jun-20
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-231 Power sensor NRP-231 Power sensor NRP-231 Reference 2 role Attimuted DAE4 Reference Probe ES3DV2 Secondary Standards Power sensor E4412A Power sensor E4412A RF generator HP 8648C Network Analyzer E835A	ID SN: 104778 SN: 103244 SN: 103245 SN: 30245 SN: 30245 SN: 30345 SN: 3033 ID SN: 3641230374 SN: 3641230374 SN: 3641230374 SN: 30540201700 SN: US3462U1700 SN: US3472U1700 SN: US3	Cal Date (Certificate No.) 03-Apr-19 (No. 217-02862/02633) 03-Apr-19 (No. 217-02862/02633) 04-Apr-19 (No. 217-02863) 27-Deo-19 (No. DAt-4660, Dec19) 31-Deo-19 (No. ES3-3013, Dec19) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 03-1-Mar-14 (in house check Jun-18) 31-Mar-14 (in house check Jun-18) 31-Mar-14 (in house check Jun-18)	Scheduled Calibration Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Dec-20 Scheduled Check In house check-Jun-20 In house check-Jun-20 In house check-Jun-20
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-231 Power sensor NRP-231 Power sensor NRP-231 Reference 2 role Attimuted DAE4 Reference Probe ES3DV2 Secondary Standards Power sensor E4412A Power sensor E4412A RF generator HP 8648C Network Analyzer E835A	10 SN: 104778 SN: 10244 SN: 10244 SN: 05244 SN: 05247 (20x) SN: 660 SN: 3013 ID SN: 0641293874 SN: MY41498087 SN: 000110210 SN: 000110210 SN: US41080477	Cal Date (Certilicate No.) 03-Apr-19 (No. 217-02682/02893) 03-Apr-19 (No. 217-02682) 03-Apr-19 (No. 217-02682) 04-Apr-19 (No. 217-02894) 27-Dec-19 (No. 217-02894) 27-Dec-19 (No. 253-3013, Dec19) Check Date (in house) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 31-Mar-14 (in house check Jun-19)	Scheduled Calibration Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Dec-20 Scheduled Check In house check. Jun-20 In house check: Jun-20
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-231 Power sensor NRP-231 Power sensor NRP-231 Reference 2 role Attimuted DAE4 Reference Probe ES3DV2 Secondary Standards Power sensor E4412A Power sensor E4412A RF generator HP 8648C Network Analyzer E835A	ID SN: 104778 SN: 103244 SN: 103245 SN: 30245 SN: 30245 SN: 30345 SN: 3033 ID SN: 3641230374 SN: 3641230374 SN: 3641230374 SN: 30540201700 SN: US3462U1700 SN: US3472U1700 SN: US3	Cal Date (Certificate No.) 03-Apr-19 (No. 217-02862/02633) 03-Apr-19 (No. 217-02862/02633) 04-Apr-19 (No. 217-02863) 27-Deo-19 (No. DAt-4660, Dec19) 31-Deo-19 (No. ES3-3013, Dec19) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 03-1-Mar-14 (in house check Jun-18) 31-Mar-14 (in house check Jun-18) 31-Mar-14 (in house check Jun-18)	Scheduled Calibration Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Dec-20 Scheduled Check In house check. Jun-20 In house check: Jun-20
Calibration Equipment used (M Primary Standards Power smitch NRP-291 Power samor NRP-291 Power samor NRP-291 Reference 0 Probe ES3DV2 Reference Probe ES3DV2 Secondary Standards Power meter E44198 Power samor E44198 Ref generator HP 8648C Network Analyzer E8358A	ID SN: 104778 SN: 103246 SN: 03246 SN: 03246 SN: 03247 SN: 660 SN: 3N: 6841283874 SN: 0541283874 SN: W41499087 SN: US342U1700 SN: US342U170 SN:	Cal Date (Certificate No.) 03-Apr-19 (No. 217-02862)(0283) 03-Apr-19 (No. 217-02862) 03-Apr-19 (No. 217-02863) 04-Apr-19 (No. 217-02863) 04-Apr-19 (No. 217-02863) 27-Dec-19 (No. D46-660, Dec19) 31-Dec19 (No. ES3-3013, Dec19) 31-Dec19 (No. ES3-3013, Dec19) Check Date (in house) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 04-Aug-99 (in house check Jun-18) 31-Mar-14 (in house check Jun-18) 31-Mar-14 (in house check Jun-18) Laboratory Technician	Scheduled Calibration Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Dec-20 Scheduled Check In house check. Jun-20 In house check: Jun-20
Calibration Equipment used (M Primary Standards Power smitter NRP Power sansor NRP-291 Power sansor NRP-291 Reference Probe ES30V2 Secondary Standards Power sansor E44198 Power sansor E44198 Power sansor E4412A Ref generator VH 8848C	ID SN: 104778 SN: 103244 SN: 103245 SN: 30245 SN: 30245 SN: 30345 SN: 3033 ID SN: 3641230374 SN: 3641230374 SN: 3641230374 SN: 30540201700 SN: US3462U1700 SN: US3472U1700 SN: US3	Cal Date (Certificate No.) 03-Apr-19 (No. 217-02862/02633) 03-Apr-19 (No. 217-02862/02633) 04-Apr-19 (No. 217-02863) 27-Deo-19 (No. DAt-4660, Dec19) 31-Deo-19 (No. ES3-3013, Dec19) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 03-1-Mar-14 (in house check Jun-18) 31-Mar-14 (in house check Jun-18) 31-Mar-14 (in house check Jun-18)	Scheduled Calibration Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Dec-20 Scheduled Check In house check. Jun-20 In house check: Jun-20
Calibration Equipment used (M Primary Standards Power meter NRP-291 Power sensor NRP-291 Power sensor NRP-291 Reference 20 Rd Attenuator DAE4 Reference Probe ES3DV2 Secondary Standards Power meter E44198 Power meter E44198 Power sensor E4412A Prower sensor E4412A RF generator HP 8648C Network Analyzer E8358A Calibrated by	ID SN: 104778 SN: 103246 SN: 03246 SN: 03246 SN: 03247 SN: 660 SN: 3N: 6841283874 SN: 0541283874 SN: W41499087 SN: US342U1700 SN: US342U170 SN:	Cal Date (Certificate No.) 03-Apr-19 (No. 217-02862)(0283) 03-Apr-19 (No. 217-02862) 03-Apr-19 (No. 217-02863) 04-Apr-19 (No. 217-02863) 04-Apr-19 (No. 217-02863) 27-Dec-19 (No. D46-660, Dec19) 31-Dec19 (No. ES3-3013, Dec19) 31-Dec19 (No. ES3-3013, Dec19) Check Date (in house) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18) 04-Aug-99 (in house check Jun-18) 31-Mar-14 (in house check Jun-18) 31-Mar-14 (in house check Jun-18) Laboratory Technician	Scheduled Calibration Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Dec-20 Scheduled Check In house check. Jun-20 In house check: Jun-20

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

Calibration is Performed According to the Following Standards: a) 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

- Absorption Rate (SAR) in the human Head trom Wireless Communications Levices' Measurement Techniques', June 2019, 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 (E) EC 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 (KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz)", March 2010

Methods Applied and Interpretation of Parameters:

- dots Applied and Interpretation of Parameters: NORMX; y:z has assessed for E-field polarization $\beta = 0$ (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 ConvP). NORM(J); y:z = NORMX; y:z 'requency, 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 ٠
- .
- characteristics
- characteristics $A_{X,Y,Z} B_{X,Y,Z}; D_{X,Y,Z}; D_{X,Y,Z}; A, B, C, D are numerical linearization parameters assessed based on$ the data of power sweep for specific modulation signal. The parameters do not depend on frequency normedia. 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 TransferStandard for 1 ≤ 800 MHz) and inside waveguide using analytical field distributions based on powermeasurements for f > 800 MHz. The same setups are used for assessment of the parameters applied forboundary. Compensation (alpha, depth) of which typical uncertainty values are given. These parameters areused in DASV4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds $to NORMs, <math>y_2 \ge ConvF$ whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from \pm 50 MHz to \pm 100
- MHz . Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom
- Spretrains solubly (30 deviation non-solubly). In a new on low gradents realized using a net pranotin exposed by a patch antenna. Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required. *Connector Angle*: The angle is assessed using the information gained by determining the NORMx (no uncertainty required). .
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Certificate No: EX3-7466 Feb20

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February 4, 2020

EX3DV4- SN:7466

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7466

		Senso	Sensor X		Sense	or Y	1.00	Sensor Z		Inc (k=2)	
Norm (μV/(V/m) ²) ^A DCP (mV) ^B		0.46			0.40		-	0.62		± 10.1 %	
			100.3				96.0				
alibrat UID	ion Results for Communication S		Kes	A dB	B dBõV	c	D dB	VR mV	Max dev.	Max Unc ^E (k=2)	
0	CW		X	0.00	0.00	1.00	0.00	178.9	± 3.0 %	±4.7 %	
o on		Y	0.00	0.00	1.00		164.0		1.1.1.1		
	the second second		Z	0.00	0.00	1.00	1. Starte	157.0		12.	
10352-	Pulse Waveform (2	200Hz, 10%)	X	20.00	87.13	17.81	10.00	60.0	± 3.8 %	± 9.6 %	
AAA	r dian transmitted		Y 1.61 62.02 8.56	1.000	60.0	1	11.1				
	A state of the sta		Z	20.00	92.18	20.82		60.0			
10353-	Pulse Waveform (2	200Hz, 20%)	X	20.00	90.08	17.93	6.99	80.0	±2.3 %	±96%	
AAA	and a second	Y	1.19	62.90	7.59		80.0	12.19			
			Z	20.00	96.30		21.75			80.0	
10354-	Pulse Waveform (2	200Hz, 40%)	X	20.00	109.66	25.46	3.98	95.0	± 1.8 %	± 9.6 %	
AAA	The second second second	(Vessel de l'or log	Y	0.40	60.00	4.63		95.0			
			Z	20.00	109.98	26.87		95.0			
10355-	Pulse Waveform (2	200Hz, 60%)	X	0.41	160.00	78.67	2.22	120.0	±1.7 %	± 9.6 %	
AAA		in the second	Y	0.03	153.34	21.86		120.0		1.1	
			Z	20.00	152.64	44.34		120.0			
10387-	QPSK Waveform,	1 MHz	X	0.49	60.80	6.99	0.00	150.0	± 4.0 %	± 9.6 %	
AAA	The car considering		Y	10.00	70.00	7.00		150.0			
			Z	4.54	83.46	18.12	1	150.0			
10388-	QPSK Waveform.	10 MHz	X	3.07	75.71	19.99	0.00	150.0	±1.8%	±9.6 %	
AAA			Y	1.93	67.62	15.60		150.0			
			Z	3.18	75.10	19.75		150.0			
10396-	64-QAM Waveform	n, 100 kHz	X	4.05	80.38	24.13	3.01	150.0	± 1.8 %	±9.6 %	
AAA	and the second second		Y	2.11	67.08	17.78		150.0			
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Z	2.98	72.30	21.02		150.0	-		
10399-	64-QAM Waveform	n, 40 MHz	X	3.77	69.45	17.42	0.00	150.0	± 2.2 %	± 9.6 %	
AAA			Y	3.28	66.72	15.70		150.0			
			Z	3,83	69.07	17.33		150.0			
10414-	WLAN CCDF, 64-4	QAM, 40MHz	Х	4.89	66.83	16.50	0.00	150.0	±4.2 %	± 9.6 %	
AAA			Y	4.69	66.09	15.91		150.0		1	
			Z	5.00	66.30	16.36		150.0		1	

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%.

⁶ The uncertainties of Norm X,Y,Z do not affect the E²-field uncertainty inside TSL (see Pages 5, 6 and 11), ¹ Numercal linearization parameter: uncertainty not required. ¹ Uncertainty is determined using the max, deviation from linear response applying rectangular distribution and its expressed for the square of the Feld value.

Certificate No: EX3-7466_Feb20

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February 4, 2020

EX30V4- SN:7466

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7466

ensor		Aodel Parameters C1 C2 α T1 T2 T3 T4 T5 T6										
	C1 fF	fF	α V-1	ms.V-2	ms.V-1	ms	V-2	V-1	10			
X	33.6	251.26	36.12	5.96	0.00	5.06	1.89	0.00	1.01			
Y	29.4	228.86	38.26	3.29	0.17	5.04	0.00	0.25	1.01			
7	45.4	352 36	38.52	10.93	0.08	5.10	0.00	0.40	1.01			

Sensor Arrangement	Triangular
Connector Angle (°)	-4.9
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

Certificate No: EX3-7466 Feb20

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February 4, 2020 EX3DV4- SN:7466 DASY/EASY - Parameters of Probe: EX3DV4 - SN:7466 Calibration Parameter Determined in Head Tissue Simulating Media

(MHz) ^c	Relative Permittivity ^F	Conductivity (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
600	42.7	0.88	10.84	10.84	10.84	0.00	1.00	± 13.3 %
750	41.9	0.89	10.56	10.56	10.56	0.42	0.92	± 12.0 %
835	41.5	0.90	10.32	10.32	10.32	0.20	1.38	± 12.0 %
900	41.5	0.97	10.10	10.10	10.10	0.29	1.09	± 12.0 %
1450	40.5	1.20	9.31	9.31	9.31	0.42	0.80	± 12.0 %
1750	40.1	1.37	8.94	8.94	8.94	0.27	0.89	± 12.0 %
1900	40.0	1.40	8.56	8.56	8.56	0.29	0.86	± 12.0 %
2000	40.0	1.40	8.50	8.50	8.50	0.35	0.86	± 12.0 %
2300	39.5	1.67	8.08	8.08	8.08	0.32	0.90	± 12.0 %
2450	39.2	1.80	7.85	7.85	7.85	0.36	0.90	± 12.0 %
2600	39.0	1.96	7.53	7.53	7.53	0.35	0.92	± 12.0 %
3300	38.2	2.71	7.03	7.03	7.03	0.30	1.30	± 13.1 %
3500	37.9	2.91	6,96	6.96	6.96	0.30	1.30	±13.1 %
3700	37.7	3.12	7.00	7.00	7.00	0.30	1.30	± 13.1 %
3900	37.5	3.32	6.73	6.73	6.73	0.40	1.50	± 13.1 %
4100	37.2	3.53	6.57	6.57	6.57	0.40	1.50	± 13.1 %
4200	37.1	3.63	6.30	6.30	6.30	0.35	1.50	± 13.1 %
4400	36,9	3.84	6.27	6.27	6.27	0.40	1.60	± 13.1 %
4600	36.7	4.04	6.24	6.24	6.24	0.45	1.60	± 13.1 %
4800	36.4	4.25	6.18	6.18	6.18	0.40	1.80	± 13.1 %
4950	36.3	4.40	5.97	5.97	5.97	0.40	1.80	± 13.1 %
5200	36.0	4.66	5.60	5.60	5.60	0.40	1.80	±13.19
5300	35.9	4.76	5.45	5.45	5.45	0.40	1.80	± 13.1 9
5600	35.5	5.07	4.98	4.98	4.98	0.40	1.80	± 13.1 9
5800	35.3	5.27	5.04	5.04	5.04	0.40	1.80	± 13.1 9

⁶ Prequency validly above 300 MHz of ± 100 MHz only applies for DASY 4.4 and higher (see Page 2), etsic it is restricted to ± 50 MHz. The uncertainty is the RSS of the ComV-uncertainty at calibration frequency and the uncertainty for the indicated requency band by the beam of the term of term of the term of term of the term of term of the term of term

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February 4, 2020

EX3DV4- SN:7466 DASY/EASY - Parameters of Probe: EX3DV4 - SN:7466

Calibration Parameter Determined in Body	/ Tissue Simulating Media

f (MHz) ^c	Relative Permittivity ^F	Conductivity (S/m) ^F	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
600	56.1	0.95	10.77	10.77	10.77	0.00	1.00	± 13.3 %
750	55.5	0.96	10.30	10.30	10.30	0.36	0.94	± 12.0 %
835	55.2	0.97	9.96	9.96	9.96	0.27	1.11	± 12.0 %
900	55.0	1.05	9.84	9,84	9.84	0.43	0.80	± 12.0 %
1750	53.4	1.49	8.62	8.62	8.62	0.36	0.86	± 12.0 %
1900	53.3	1.52	8.16	8.16	8,16	0.27	1.05	± 12.0 %
2000	53.3	1.52	8.10	8.10	8.10	0.23	1.13	± 12.0 %
2300	52.9	1.81	8.05	8.05	8.05	0.27	1.20	± 12.0 %
2450	52.7	1.95	7.81	7.81	7.81	0.37	0.94	± 12.0 %
2600	52.5	2.16	7.64	7.64	7.64	0.42	0.90	± 12.0 %
3300	51.6	3.08	6.72	6.72	6.72	0.40	1.35	± 13.1 %
3500	51.3	3.31	6.64	6.64	6.64	0.45	1.25	± 13.1 %
3700	51.0	3.55	6.58	6.58	6.58	0.40	1.35	± 13.1 %
3900	51.2	3.78	6.03	6.03	6.03	0.45	1.70	± 13.1 %
4100	50,5	4.01	6.05	6.05	6.05	0.45	1.70	± 13.1 9
4200	50.4	4.13	6.00	6.00	6.00	0.45	1.80	± 13.1 9
4400	50.1	4.37	5.92	5.92	5,92	0.45	1.80	± 13.1 %
4600	49.8	4.60	5.54	5.54	5.54	0.50	1.90	± 13.1 9
4800	49.6	4.83	5.49	5.49	5.49	0.50	1.90	± 13.1 %
4950	49.4	5.01	5.30	5.30	5.30	0.50	1.90	± 13.1 9
5200	49.0	5.30	5.00	5.00	5.00	0.50	1.90	±13.1 %
5300	48.9	5.42	4.85	4.85	4.85	0.50	1.90	±13.1 9
5600	48.5	5.77	4.28	4.28	4.28	0.50	1,90	± 13,1 9
5800	48.2	6.00	4.36	4.36	4.36	0.50	1.90	± 13.1 9

Tequency validly 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 ComV - uncertainty at the RSS of the ComV - uncertainty at a childraton frequency and the uncertainty for the indicated frequency band. Frequency validly below 300 MHz of ± 100 MHz of the ComV - assessed at 13 MHz is 19 MHz. The ComV - assessed to the uncertainty of the indicated frequency and 00 MHz of ± 10 MHz. The measure SAR values of the restricted to ± 50 MHz. The measure SAR values At 13 MHz is 19 MHz and ComV - assessed to 13 MHz is 19 MHz. A too SGE for the query validly can be reduced by a ComV - assessed to 14 MHz is 19 MHz. A too SGE for the query validly can be reduced to ± 100 MHz. The first set and the set and the valid of the set and the set and the set and the comparisation formula sapplied to the RSS of the ComV - uncertainty to indicated target tassue parameters. And on a parameters (a and a too is restricted to 15%. The uncertainty for the adverse adves 30 GHz to valid by of the set and the set

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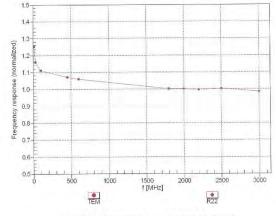
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EX3DV4- SN:7466

February 4, 2020

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



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

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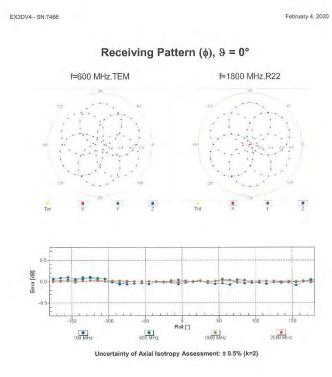
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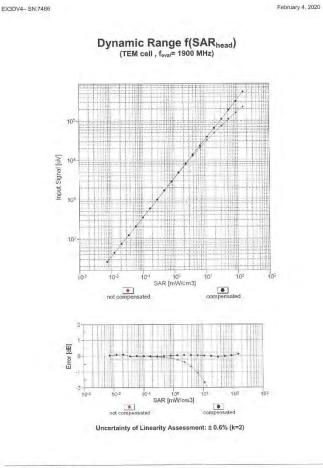
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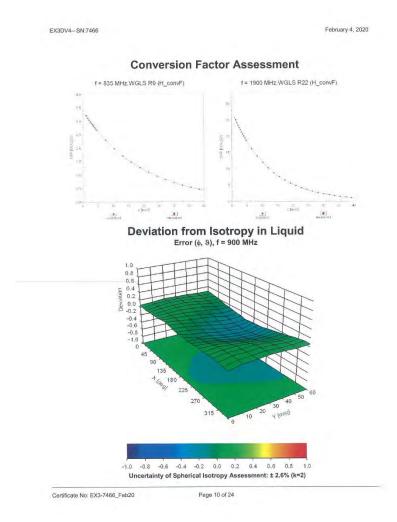
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February 4, 2020

EX3DV4-SN:7466

Appendix: Calibration Parameters above 6GHz

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^c	Relative Permittivity ^F	Conductivity (S/m) ^F	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
6500	34.5	6.70	5.75	5.75	5.75	0.14	2.60	± 18.6 %
7000	33.9	6.65	5.95	5.95	5.95	0.18	1.30	± 18.6 %
8000	32.7	7.84	6.22	6.22	6.22	0.40	1.20	± 18.6 %
9000	31.5	9.08	5.72	5.72	5.72	0.50	1.80	± 18.6 %

^C Calibration procedure for frequencies above 6 GHz is pending accreditation. Frequency validity above 6GHz is ± 700 MHz. The uncertainty is the RSS of the ConvC uncertainty at calibration frequency and the uncertainty for the indicated frequency band. ^C A trequencies 5-10 GHz, the validity of tissue parameters (*c* and ·) can be relaxed to ± 101% if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated trept tissue parameters. ^C alphanoEpeth are determined during calibration. SERCA warrant's their the maining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 2 GHz, before 2 for frequencies between 5-10 GHz at any delationa large than that the probe to (datatefor from the boundary).

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		odulation Calibration Parameters			
UID	Rev	Communication System Name	Group	PAR (dB)	Unc ¹ (k=2)
0	lare.	CW	CW	0.00	±4.7
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	±9.6
10011	CAB	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6*
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	± 9.6
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	± 9.6 4
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	± 9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	± 9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	± 9.6 *
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	± 9.6 °
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	± 9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	± 9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6 ×
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	± 9.6 *
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6 9
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6 9
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	± 9.6
		IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	± 9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	± 9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	± 9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	± 9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6
10038	CAB	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 °
10042	CAA	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7,78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6 9
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24) DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	13.80	±9.6
10045	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 WLAN	6.52	± 9.6 9
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	± 9.6 9
10062	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	
10063	CAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6 9
10064	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	19.6
10065	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6
10066	CAC.	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6
10067	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6
10068	CAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.12	±9.6
10069	CAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	± 9.6 9
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 1
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 9
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6 9
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 °
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 %
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6 9
10097	CAB	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6 9
10098	CAB	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6 %
10100	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6 9
10101	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 9
10102	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.69
10103	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 9
10104	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.69
10105	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.69

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10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN.	8.10	± 9.6 9
10115	CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6 %
10116	CAC	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6 %
10117	CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
1011B	CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAC	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6 %
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.69
10141	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6 %
10142	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6 %
10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72 6.42	± 9.6 9 ± 9.6 9
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD LTE-FDD	6.60	± 9.6 9
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	9.28	± 9.6 9
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 9
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 10-GAM)	LTE-TDD	10.05	±9.63
10153	CAG	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 04-0AM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 9
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 9
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6 %
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FOD	6.43	±9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.6 %
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6 %
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 9
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6 9
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TOD	9,21	± 9.6 °
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10175	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	6.52	±9.6
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)		5.73	± 9.6
10177	CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD LTE-FDD	6.52	± 9.6
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.50	± 9.6
10179	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	19.6
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 04-CAM) LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	± 9.6
10181	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 0FSR)	LTE-FDD	6.52	±9.6
10182	AAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	29.6
10183	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10185	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6
10186	AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6
10188	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6
10189	AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6
10193	CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6
10194	CAC	IEEE 802,11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6
10195	CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6
10196	CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6
10197	CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9,6
10219	CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6

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10220	CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	1 6 10	1
10221	CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.13	±9.6
10222	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6
10223	CAC	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6
10224	CAC	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6 ± 9.6
10225	CAB	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10226	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6
10227	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6
10228	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6
10229	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6
10230	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6
10231	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6
10232	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6
10233	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6
10234	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6
10235	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6
10236	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6
10237	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6
10240	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6
10242	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6
10243	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
10244 10245	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6
10245	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6 °
10246		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 °
10240	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6 °
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.29	±9.6 °
10251	CAG	LTE-TOD (SC-FDMA, 50% RB, 10 MHz, 10-QAM)	LTE-TDD	9.81	±9.6 %
10251	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	10.17	±9.6
10252	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSR) LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.24	± 9.6 9
10254	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 °
10255	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6 °
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.20	± 9.6 %
10257	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 °
10258	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9,34	± 9.6 9
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.69
10260	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TOD	9.97	±9.6 9
10261		LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	±9.6 9
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	±9.6 9
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9.6
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±9.6 9
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 9
10266	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 5
10267	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.6 9
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 9
10269	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	± 9.6 9
10270	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6 9
10275	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAA	PHS (QPSK)	PHS	11.81	± 9.6 9
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	±9.6 %
10279	CAA AAB	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	±9.6 %
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6 %
10291	AAB	CDMA2000, RC3, S055, Full Rate	CDMA2000	3.46	±9.6 %
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6 %
10295	AAB	CDMA2000, RC3, SO3, Full Rate CDMA2000, RC1, SO3, 1/9th Rate 25.6	CDMA2000	3.50	±9.6 9
10295	AAD	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6 %
10297	AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6 %
10230	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	5.72	±9.6%

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10300	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	±9.6 %
10301	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WIMAX	12.03	± 9.6 %
10302	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, OPSK, PUSC, 3 CTRL symbols)	WIMAX	12.57	± 9.6 %
10303	AAA	IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	12.52	±9.6 9
10304	AAA	IEEE 802,16e WIMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	11.86	±9.6%
10305	AAA	IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols)	WiMAX	15.24	±9.6 %
10306	AAA	IEEE 802.15e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)	WIMAX	14.67	± 9.6 %
10307	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols)	WIMAX	14.49	± 9.6 1
10308	AAA	IEEE 802,16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WIMAX	14.46	± 9.6 %
10309	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols)	WIMAX	14.58 14.57	± 9.6 °
10310	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, OPSK, AMC 2x3, 18 symbols)	WIMAX		± 9.6 9
10311	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAA	IDEN 1:3	IDEN IDEN	10.51	± 9.6 5
10314	AAA	IDEN 1:6 IEEE 802,11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	13.48	±9.6 9
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc outy cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle) IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10352	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6
10353	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
10355	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	± 9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.61
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	± 9.6
10400	AAD	IEEE 802,11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM. 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAD	IEEE 802.11ac WIFi (80MHz, 64-QAM, 99pc duty cycle)	WLAN CDMA2000	8.53 3.76	± 9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000 CDMA2000	3.70	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	5.22	±9.6
10406 10410	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	± 9.6
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	± 9.6
10410	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	± 9.6
10418	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	± 9.6
10419	AAA	EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	± 9.6
10422	AAB	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6
10423	AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 ± 9.6
10424	AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN WLAN	8.40	± 9.6
10425	AAB	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.45	± 9.6
10426	AAB	IEEE 802,11n (HT Greenfield, 90 Mbps, 16-QAM) IEEE 802,11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10427	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6
10430	AAD	LTE-FDD (OFDMA, 3 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6
10431	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434	AAA	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	± 9.6
10435	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6
10447	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6
10448	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6

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10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6
10453	AAD	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6
10456	AAB	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
10457	AAA	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	± 9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	± 9.6
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6
10460	AAA	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	± 9.6
10461	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10462	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	±9.6
10463	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10464	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	± 9.6
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	± 9.6
10467	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10469	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	± 9.6
10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10471	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,34,7,8,9)	LTE-TDD	8.32	± 9.6
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.57	± 9.6
10473	AAE	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±.9.6
10474	AAE	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	± 9.6
10475	AAE	Subframe=2.3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TDD	8.57	± 9,6
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	± 9.6
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10479	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10480	AAB	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1,4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8,18	±9.6
10481	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9,6
10482	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	±9.6
10483	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subfame=2,3,4,7,8,9)	LTE-TDD	8.39	±9.6 °
10484	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subfame=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6 °
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6 °
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6 °
10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	±9.6 °
10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	±.9.6
10489	AAF	Subtrame=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	± 9.6
10490	AAF	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6

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10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 9.6 %
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±9.69
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	± 9,6 °
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	± 9.6 9
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6 %
10497	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2.3,4,7,8,9)	LTE-TDD	7.67	± 9.6 °
10498	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	± 9.6 °
10499	AAB	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.68	± 9.6
10500	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL	LTE-TDD	7.67	±9.6
10501	AAC	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL	LTE-TDD	8.44	± 9.6
10502	AAC	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.52	±9.6
10503	AAF	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,2,4,7,8,9)	LTE-TOD	7.72	±9.6
10504	AAF	Subframe=2.3.4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Cubframe=2.3.4,2,8,0)	LTE-TDD	8.31	±9.6
10505	AAF	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	± 9.6
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL	LTE-TDD	7,74	± 9.6
10507	AAF	Subframe=2,3.4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL	LTE-TDD	8.36	±9.6
10508	AAF	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL	LTE-TDD	8.55	±9.6
10509	AAE	Subframe=2,34,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,34,7,8,9)	LTE-TDD	7.99	± 9.6
10510	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL	LTE-TDD	8.49	±9.6
10511	AAE	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL	LTE-TDD	8.51	±9.6
10512	AAF	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB. 20 MHz, QPSK, UL	LTE-TDD	7.74	± 9.6
10513	AAF	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL	LTE-TDD	8.42	± 9.6
10514	AAF	Subframe=2.3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL	LTE-TDD	8.45	± 9.6
10515	AAA	Subframe=2.3,4,7,8,9) IEEE 802 11b WIFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10518	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	± 9.6
10519	AAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	± 9.6
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	± 9.6
10521	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	± 9.6
10522	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	± 9.6
10523	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	± 9.6
10524	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526	AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	WLAN	8.42	± 9.6
10527	AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	WLAN	8.21	± 9.6
10528	AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	WLAN	8.36	± 9.6
10529	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
10532	AAB	IEEE 802.11ac WIFI (20MHz, MCS0, SSpc duty cycle)	WLAN	8.29	± 9.6
		IEEE 802.11ac WiFi (20MHz, MCS7, 95pc duty cycle)	WLAN	8.38	± 9.6

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10534	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	1 100 000	1 2 12	1.1.2.2
10535	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	WLAN.	8.45	±9.6
10536	AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	WLAN	8.45	± 9.6
10537	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)		8.32	±9.6
10538	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
10540	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	WLAN WLAN	8.54	± 9.6
10541	AAB	IEEE 802.11ac WiFI (40MHz, MCS6, 99pc duty cycle)		8.39	± 9.6
10542	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	WLAN	8.46	± 9.6
10543	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	WLAN	8.65	19.6
10544	AAB	IEEE 802.11ac WiFI (80MHz, MCS9, 99pc duty cycle)	WLAN WLAN	8.65	±9.6
10545	AAB	IEEE 802.11ac WiFi (80MHz, MCS), 99pc duty cycle)		8.47	± 9.6
10546	AAB	IEEE 802.11ac WiFI (80MHz, MCS2, 99pc duty cycle)	WLAN WLAN	8.55	± 9.6
10547	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	WLAN	8.35	± 9.6
10548	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	WLAN	8.49	± 9.6
10550	AAB	IEEE 802.11ac WiFI (80MHz, MCS4, 99pc duty cycle)		8.37	± 9.6
10551	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	WLAN	8,38	±9.6
10552	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	WLAN	8.50	± 9.6
10553	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	WLAN	8.42	± 9.6
10554	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	WLAN	8.45	± 9.6
10555	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10556	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10557	AAC	IEEE 002.11ac WIFI (160MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10558	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	WLAN	8.52	±9.6
10550	AAC	IEEE 002.11ac WIFI (100MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10561	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	WLAN	8.73	± 9.6
10562	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	WLAN	8.56	± 9.6
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	WLAN	8.69	± 9.6
10564	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	WLAN	8.77	± 9.6
10304	ANA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	± 9.6
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cvcle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
10568	AAA	IEEE 802,11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IÉEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA.	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9,6
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	± 9,6
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	± 9.6
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	± 9.6
10579	AAA	IEEE 802 11g WiFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle) IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty	WLAN	8.36	±9.6
10580	AAA	cycle) IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty	WLAN	8.76	± 9.6
10581	AAA	iceE 802.11g WiF12.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle) IEEE 802.11g WiF12.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty	WLAN	8.35	±9.6
10583	AAB	cycle) IEEE 802.11g/WiFi 2.4 GHz (DSSS-OFDM, 54 MDps, 90pc duty IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	
10584	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN		±9.6
10585	AAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 90pc duty cycle) IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6

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0587	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6 %
0588	AAB	IEEE 802.11a/h WIFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6 %
10589	AAB	IEEE 802.11a/h WIFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6%
10590	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps. 90pc duty cycle)	WLAN	8,67	±9.6 %
10591	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6 %
0592	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6 %
0593	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6 %
0594	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6 %
0595	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	WLAN	8.74	± 9.6 %
10596	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)	WLAN	8.71	± 9.6 %
0597	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	WLAN	8.50	±9.6 %
0598	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle) IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6 %
0599	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	WLAN	8.88	± 9.6 %
	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10601	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)	WLAN	8.94	± 9.6 %
10602	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)	WLAN	9.03	± 9.6 %
10603	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 50pc duty cycle)	WLAN	8.76	± 9.6 %
10604	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)	WLAN	8.97	± 9.6 %
10606	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6 %
10607	AAB	IEEE 802.11ac WIFI (20MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6 %
10608	AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)	WLAN	B.77	±9.6 %
10609	AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±96%
10610	AAB	IEEE 802,11ac WiFi (20MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6 %
10611	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6 %
10612	AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6 %
10613	AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6 %
10614	AAB	IEEE 802 11ac WiFi (20MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6 %
10615	AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6 %
10616	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6 %
10617	AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10618	AAB	IEEE 802.11ac WIFI (40MHz, MCS2, 90pc duty cycle)	WLAN	8.58	± 9.6 %
10619	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6 %
10620	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	WLAN	8.87	19.6%
10621	AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	WLAN WLAN	8.77 8.68	± 9.6 %
10622	AAB	IEEE 802,11ac WiFi (40MHz, MCS6, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10623	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	WLAN	8.96	± 9.6 %
10624	AAB	IEEE 802,11ac WiFi (40MHz, MCS8, 90pc duty cycle) IEEE 802,11ac WiFi (40MHz, MCS9, 90pc duty cycle)	WLAN	8.96	± 9.6 %
10625	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10626	AAB	IEEE 802.11ac WiFI (80MHz, MCS1, 90pc duty cycle)	WLAN	8.88	± 9.6 %
10627	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	WLAN	8.71	± 9.6 %
10629	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6 %
10630	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	WLAN	8.72	± 9.6 %
10630	AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10632	AAB	IEEE 802.11ac WIFI (80MHz, MCS6, 90pc duty cycle)	WLAN	8.74	± 9.6 %
10633	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10634	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	WLAN	8.80	± 9.6 %
10635	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	WLAN	8.79	± 9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	WLAN	8.86	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	WLAN	8.85	± 9.6 %
10640	AAC	IEEE 802.11ac WIFi (160MHz, MCS4, 90pc duty cycle)	WLAN	8.98	± 9.6 %
10641	AAC	IEEE 802.11ac WIFI (160MHz, MCS5, 90pc duty cycle)	WLAN	9.06	± 9.6 %
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6 %
10643	AAC	(EEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	WLAN	8.89	± 9.6 %
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6 %
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	WLAN	9.11	± 9.6 %
10646	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6 %
10647	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2.7)	LTE-TDD	11.96	± 9.6 %
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6 %
10652	AAE	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 9
10653	AAE	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6 %

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10654	AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 9
10655	AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6 9
10658	AAA	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6 9
10659	AAA	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6 %
10660	AAA	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6 %
10661	AAA	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6 %
10662	AAA	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 9
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAA	IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle)	WLAN	9.09	± 9.6 %
10672	AAA	IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle)	WLAN	8.57	± 9.6 9
10673	AAA	IEEE 802,11ax (20MHz, MCS2, 90pc duty cycle)	WLAN	8.78	± 9.6 %
10674	AAA	IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)	WLAN	8.74	± 9.6 %
10675	AAA	IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6 %
10677	AAA	IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6 %
10678	AAA	IEEE 802.11ax (20MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (20MHz, MCS7, 90pc duty cycle)	WLAN	8.73	29.6 9
10679	AAA	IEEE 802.11ax (20MHz, MCS7, 90pc duty cycle)	WLAN	8.78	± 9.6 %
10680	AAA	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.89	±9.6 %
10681	AAA	JEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6 %
10682	AAA	IEEE 802.11ax (20MHz, MCS10, 90pc duty cycle)	WLAN WLAN	8.62	± 9.6 %
10683	AAA	IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10684	AAA	IEEE 802.11ax (20MHz, MCS0, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10685	AAA	IEEE 802.11ax (20MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6%
10686	AAA	IEEE 802.11ax (20MHz, MCS3, 99pc duty cycle)	WLAN	8.28	19.6 %
10687	AAA	IEEE 802.11ax (20MHz, MCS4, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10688	AAA	IEEE 802.11ax (20MHz, MCS5, 99pc duty cycle)	WLAN	8.29	19.6%
10689	AAA	IEEE 802.11ax (20MHz, MCS6, 99pc duty cycle)	WLAN	8.55	± 9.6 %
10690	AAA	IEEE 802.11ax (20MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6 %
10691	AAA	IEEE 802.11ax (20MHz, MCS8, 99pc duty cycle)	WLAN	8.25	± 9.6 %
10692	AAA	IEEE 802.11ax (20MHz, MCS9, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10693	AAA	IEEE 802.11ax (20MHz, MCS10, 99pc duty cycle)	WLAN	8.25	± 9.6 %
10694	AAA	IEEE 802.11ax (20MHz, MCS11, 99pc duty cycle)	WLAN	8.57	± 9.6 %
10695	AAA	IEEE 802 11ax (40MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6 %
10696	AAA	IEEE 802.11ax (40MHz, MCS1, 90pc duty cycle)	WLAN	8.91	± 9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc duty cycle)	WLAN	8.61	± 9.6 %
10699	AAA	IEEE 802.11ax (40MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40MHz, MCS4, 90pc duty cycle)	WLAN	8.89	± 9.6 %
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc duty cycle)	WLAN WLAN	8.82	± 9.6 %
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6 %
10702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc duty cycle)	WLAN	8.86	± 9.6 %
10703	AAA	IEEE 802.11ax (40MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6 %
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc duty cycle)	WLAN	8.56	± 9.6 %
10705	AAA	IEEE 802.11ax (40MHz, MCS10, 90pc duty cycle)	WLAN	8.69	± 9.6 %
10706	AAA	IEEE 802.11ax (40MHz, MCS11, 90pc duty cycle)	WLAN	8.66	± 9.6 %
10707	AAA	IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6 %
10708	AAA	IEEE 802.11ax (40MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6 %
10709	AAA	IEEE 802.11ax (40MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6 %
10710	AAA	IEEE 802.11ax (40MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6 %
10711	AAA	IEEE 802.11ax (40MHz, MCS4, 99pc duty cycle)	WLAN	8.39	± 9.6 %
10712	AAA	IEEE 802.11ax (40MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6 %
10713	AAA	IEEE 802.11ax (40MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6 %
10714	AAA	IEEE 802.11ax (40MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6 %
10715	AAA	IEEE 802.11ax (40MHz, MCS8, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10716	AAA	IEEE 802.11ax (40MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (40MHz, MCS10, 99pc duty cycle)	WLAN	8.30	±9.6 %
10718	AAA	IEEE 802.11ax (40MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (40MHz, MCS11, 99pc duty cycle)	WLAN	8.48	±9.6 %
10719	AAA	IEEE 802.11ax (40MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6 %
10720	AAA	IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6 % ±9.6 %
10721	AAA	IEEE 802.11ax (80MHz, MCS2, 90pc duty cycle)	WLAN	8.87	± 9.6 %
10722	AAA	IEEE 802.11ax (80MHz, MCS3, 90pc duty cycle)	WLAN	8.55	± 9.6 %
10723	AAA	IEEE 802.11ax (80MHz, MCS4, 90pc duty cycle)	WLAN	8.70	± 9.6 %
10724	AAA	IEEE 802 11ax (80MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6 %
10725	AAA	IEEE 802.11ax (80MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6%
10726	AAA	IEEE 802.11ax (80MHz, MCS7, 90pc duty cycle)	WLAN	8.72	± 9.6 %

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10727	AAA	IEEE 802.11ax (80MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (80MHz, MCS9, 90pc duty cycle)	WLAN	8.65	± 9.6 %
10728	AAA	IEEE 802.11ax (80MHz, MCS10, 90pc duty cycle)	WLAN	8.64	± 9.6 %
10729	AAA	IEEE 802.11ax (80MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (80MHz, MCS11, 90pc duty cycle)	WLAN	8.67	± 9.6 %
10730	AAA	IEEE 802.11ax (80MHz, MCS11, sopc duty cycle) IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6 %
10731	AAA	IEEE 802.11ax (80MHz, MCS1, 99pc duty cycle)	WLAN	8.46	± 9.6 %
10732	AAA	IEEE 802.11ax (80MHz, MCS2, 99pc duty cycle)	WLAN	8.40	± 9.6 %
10733	AAA	IEEE 802.11ax (80MHz, MCS3, 99pc duty cycle)	WLAN	8.25	± 9.6 %
10735	AAA	IEEE 802.11ax (80MHz, MCS4, 99pc duty cycle)	WLAN	8.33	± 9.6 %
10735	AAA	IEEE 802.11ax (80MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6 %
10735	AAA	IEEE 802.11ax (80MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6 %
10738	AAA	(EEE 802 11ax (80MHz, MCS7, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10739	AAA	IEEE 802.11ax (80MHz, MCS8, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10739	AAA	IEEE 802.11ax (80MHz, MCS9, 99pc duty cycle)	WLAN	8.48	± 9.6 %
10741	AAA	IEEE 802.11ax (80MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6 %
10741	AAA	IEEE 802.11ax (80MHz, MCS11, 99pc duty cycle)	WLAN	8.43	± 9.6 %
10742	AAA	IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle)	WLAN	8.94	± 9.6 %
10743	AAA	IEEE 802.11ax (160MHz, MCS1, 90pc duty cycle)	WLAN	9,16	± 9.6 %
10745	AAA	IEEE 802.11ax (160MHz, MCS1, sope duty cycle)	WLAN	8.93	± 9.6 %
10745	AAA	IEEE 802.11ax (160MHz, MCS3, 90pc duty cycle)	WLAN	9.11	± 9.6 %
10740	AAA	IEEE 802.11ax (160MHz, MCS4, 90pc duty cycle)	WLAN	9.04	± 9.6 %
10748	AAA	IEEE 802.11ax (160MHz, MCS4, 50pc duty cycle)	WLAN	8.93	± 9.6 %
10749	AAA	IEEE 802.11ax (160MHz, MCS6, 90pc duty cycle)	WLAN	8.90	± 9.6 %
10749	AAA	IEEE 802.11ax (160MHz, MCS7, 90pc duty cycle)	WLAN	8.79	± 9.6 %
10751	AAA	IEEE 802.11ax (160MHz, MCS8, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10752	AAA	IEEE 802.11ax (160MHz, MCS9, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10753	AAA	IEEE 802.11ax (160MHz, MCS10, 90pc duty cycle)	WLAN	9.00	± 9.6 %
10754	AAA	IEEE 802.11ax (160MHz, MCS11, 90pc duty cycle)	WLAN	8.94	± 9.6 %
10755	AAA	IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle)	WLAN	8.64	± 9.6 %
10756	AAA	IEEE 802.11ax (160MHz, MCS1, 99pc duty cycle)	WLAN	8.77	± 9.6 %
10757	AAA	IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6 %
10758	AAA	IEEE 802.11ax (160MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6 %
10759	AAA	IEEE 802.11ax (160MHz, MCS4, 99pc duty cycle)	WLAN	8.58	± 9.6 %
10760	AAA	IEEE 802.11ax (160MHz, MCS5, 99pc duty cycle)	WLAN	8.49	± 9.6 %
10761	AAA	IEEE 802,11ax (160MHz, MCS6, 99pc duty cycle)	WLAN	8.58	± 9.6 %
10762	AAA	IEEE 802.11ax (160MHz, MCS7, 99pc duty cycle)	WLAN	8,49	±9.6%
10763	AAA	IEEE 802,11ax (160MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6%
10764	AAA	IEEE 802 11ax (160MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6%
10765	AAA	IEEE 802.11ax (160MHz, MCS10, 99pc duty cycle)	WLAN	8.54	± 9.6 %
10766	AAA	IEEE 802.11ax (160MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6 %
10767	AAB	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7,99	± 9.6 %
10768	AAB	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAB	5G NR (CP-OFDM. 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6 %
10770	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6 %
10771	AAB	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAB	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 9
10773	AAB	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1	8.03	± 9.6 9
10774	AAB	SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	TDD 5G NR FR1	8.02	± 9.6 %
10776	AAB	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	TDD 5G NR FR1	8.34	19.6 9
10778	AAB	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	TDD 5G NR FR1	8.38	± 9.6
10780	AAB	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 KHz)	TDD 5G NR FR1	8.38	± 9.6
10781	AAB	30 MR (UF-UFUM, 30% RD, 40 MRZ, UFON, 13 KRZ)	TDD	0.00	2.0.0

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_		1	LEC ND (OD OFDIA CON DD TO LAL OFDIA	AAB	10782
	8.43	5G NR FR1 TDD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	AAB	10783
± 9.6	8.31	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	0.000	
± 9.6	8.29	5G NR.FR1 TDD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	AAB	10784
± 9.6	8.40	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	AAB	10785
± 9.6	8.35	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	AAB	10786
± 9.6	8.44	5G NR FR1	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	AAB	10787
± 9.6	8.39	5G NR FR1	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	AAB	10788
± 9.6	8.37	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	AAB	10789
± 9.6	8.39	5G NR FR1	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	AAB	10790
± 9.6	7.83	TDD 5G NR FR1	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	AAB	10791
± 9.6	7.92	TDD 5G NR FR1	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	AAB	10792
± 9.6	7.95	TDD 5G NR FR1	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	AAB	10793
± 9.6	7.82	5G NR FR1	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	AAB	10794
± 9.6	7.84	TDD 5G NR FR1	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	AAB	10795
± 9.6	7.82	TDD 5G NR FR1	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	AAB	10796
± 9.6	8.01	5G NR FR1	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	AAB	10797
± 9.6	7.89	TDD 5G NR FR1	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	AAB	10798
± 9.6	7.93	TDD 5G NR FR1	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	AAB	10799
± 9.6	7.89	TDD 5G NR FR1	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	AAB	10801
± 9.6	7.87	TDD 5G NR FR1	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	AAB	10802
± 9.6	7.93	TDD 5G NR FR1	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	AAB	10803
± 9.6	8.34	TDD 5G NR FR1	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	AAB	10805
1.25		TDD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	AAB	10806
± 9.6	8.37	5G NR FR1 TDD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 KHz)	AAB	10809
± 9.6	8.34	5G NR FR1 TDD		AAB	10810
±9.6	8.34	5G NR FR1 TDD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)		
±9.6	8.35	5G NR FR1 TDD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	AAB	10812
±.9.6	8.35	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	AAB	10817
±.9.6	8.34	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	AAB	10818
± 9.6	8.33	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	AAB	10819
± 9.6	8.30	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	AAB	10820
± 9.6	8.41	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	AAB	10821
± 9.6	8.41	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	AAB	10822
± 9.6	8.36	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	AAB	10823

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	5.60	The state and the			
±9.6 %	8.39	5G NR FR1 TDD	5G NR (CP-OFDM; 100% RB, 50 MHz, QPSK, 30 kHz)	AAB	10824
± 9.6 %	8.41	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	AAB	10825
± 9.6 %	8.42	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	AAB	10827
± 9.6 %	8.43	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	AAB	10828
± 9.6 %	8.40	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	AAB	10829
± 9.6 %	7.63	5G NR FR1 TDD	SG NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	AAB	10830
± 9.6 %	7.73	5G NR FR1 TDD	5G NR (CP-OFDM, 1 RB. 15 MHz, QPSK, 60 kHz)	AAB	10831
±9.6 %	7.74	5G NR FR1 TDD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	AAB	10832
± 9.6 %	7.70	5G NR FR1 TDD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	AAB	10833
± 9.6 %	7.75	5G NR FR1 TDD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	AAB	10834
± 9.6 %	7.70	5G NR FR1 TDD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	AAB	10835
± 9.6 %	7.66	5G NR FR1	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	AAB	10836
±9.6 %	7.68	TDD 5G NR FR1	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	AAB	10837
± 9.6 %	7.70	TDD 5G NR FR1	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	AAB	10839
± 9.6 %	7.67	TDD 5G NR FR1	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	AAB	10840
±9.6 %	7.71	TDD 5G NR FR1	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	AAB	10841
± 9.6 %	8.49	TDD 5G NR FR1	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	AAB	10843
± 9.6 %	8.34	TDD 5G NR FR1	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	AAB	10844
± 9.6 %	8.41	TDD 5G NR FR1	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	AAB	10846
± 9.6 9	8.34	TDD 5G NR FR1	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	AAB	10854
± 9.6 9	8.36	TDD 5G NR FR1	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	AAB	10855
±9.65	8.37	TDD 5G NR FR1	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 KHz)	1.1	
+9.6 9	8.35	TDD 5G NR FR1		AAB	10856
± 9.6	8.36	TDD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	AAB	10857
		5G NR FR1 TDD		AAB	10858
± 9,6 °	8.34	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	AAB	10859
±9.6 °	8.41	5G NR FR1 TDD		AAB	10860
± 9.6 °	8.40	5G NR FR1 TDD		AAB	10861
± 9.6	8.41	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	AAB	10863
± 9.6	8.37	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	AAB	10864
± 9.6	8.41	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	AAB	10865
±9.6	5.68	5G NR FR1 TDD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	AAB	10866
±9.6	5.89	5G NR FR1 TDD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	AAB	10868
±9.6	5.75	5G NR FR2 TDD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	AAC	10869

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10870	AAC	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2	5.86	± 9.6 %
10871	AAC	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	TDD 5G NR FR2	5.75	± 9.6 %
10872	AAC	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	TDD 5G NR FR2	6.52	± 9.6 %
10873	AAC	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6 %
10874	AAC	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2	7.78	± 9.6 %
10876	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7,95	± 9.6 %
10878	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2	8.41	± 9.6 %
10879	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2	8.12	± 9.6 %
10880	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAC	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.6 %
10883	AAC	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2	6.53	± 9.6 %
10885	AAC	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6 %
10886	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TOD	7.78	± 9.6 %
10888	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6 %
10890	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6 %
10891	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6 %

⁶ Uncertainty is determined using the max, deviation from linear response applying rectangular distribution and is expressed for the square of the field value,

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