

Appendix B - DAE & Probe Calibration Certificate

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ccredited by the Swiss Accredit ne Swiss Accreditation Servic ultilateral Agreement for the r	e is one of the signatories	to the EA	on No.: SCS 0108
CALIBRATION C	CERTIFICATE		No: DAE4-914_Dec18
Dbject	DAE4 - SD 000 D	ALL	
Calibration procedure(s)	QA CAL-06.v29 Calibration procee	dure for the data acquisition ele	ectronics (DAE)
Calibration date:	December 11, 20	18	
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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

Glossary

DAF 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	x	Y	Z
High Range	405.118 ± 0.02% (k=2)	404.309 ± 0.02% (k=2)	403.887 ± 0.02% (k=2)
Low Range	3.99249 ± 1.50% (k=2)	3.98909 ± 1.50% (k=2)	3.99066 ± 1.50% (k=2)

Connector Angle

	Connector Angle to be used in DASY system	64.0 ° ± 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	199998.58	2.11	0.00
Channel X + Input	19998.57	-2.75	-0.01
Channel X - Input	-20000.73	1.25	-0.01
Channel Y + Input	199998.17	2.01	0.00
Channel Y + Input	19997.28	-3.97	-0.02
Channel Y - Input	-20001.99	-0.10	0.00
Channel Z + Input	199997.18	0.68	0.00
Channel Z + Input	19998.61	-2.66	-0.01
Channel Z - Input	-20002.03	-0.10	0.00

Low Range	Reading (µV)	Difference (µV)	Error (%)
Channel X + Input	2001.17	0.30	0.02
Channel X + Input	200.57	-0.58	-0.29
Channel X - Input	-199.13	-0.34	0.17
Channel Y + Input	2000.87	-0.05	-0.00
Channel Y + Input	200.49	-0.62	-0.31
Channel Y - Input	-199.14	-0.42	0.21
Channel Z + Input	2000.66	-0.18	-0.01
Channel Z + Input	200.17	-0.94	-0.47
Channel Z - Input	-200.12	-1.35	0.68

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	-12.83	-14.43
	- 200	15.19	13.34
Channel Y	200	-5.26	-5.22
	- 200	4.18	4.10
Channel Z	200	5.91	5.36
	- 200	-7.27	-7.63

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		3.18	-4.63
Channel Y	200	7.77		2.34
Channel Z	200	9.02	5.71	

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4. AD-Converter Values with inputs shorted

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

	High Range (LSB)	Low Range (LSB)
Channel X	16113	12727
Channel Y	16145	15429
Channel Z	16017	14873

5. Input Offset Measurement

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

	Average (µV)	min. Offset (μV)	max. Offset (μV)	Std. Deviation (μV)
Channel X	0.17	-0.89	1.03	0.39
Channel Y	1.31	-0.62	2.92	0.71
Channel Z	0.01	-1.10	1.53	0.60

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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lient Auden			EX3-3801_Jun18
CALIBRATION	CERTIFICATE		
Dbject	EX3DV4 - SN:380	1	
Calibration procedure(s)	QA CAL-25.v6	A CAL-12.v9, QA CAL-14.v4, QA lure for dosimetric E-field probes	CAL-23.v5,
Calibration date:	June 26, 2018		
			are part of the certificate.
		facility: environment temperature (22 \pm 3)°C a	
Calibration Equipment used (M		facility: environment temperature $(22 \pm 3)^{\circ}C$ a	and humidity < 70%.
Calibration Equipment used (M	&TE critical for calibration)	facility: environment temperature (22 ± 3)°C a	and humidity < 70%.
Calibration Equipment used (M. Primary Standards Power meter NRP	&TE critical for calibration)	facility: environment temperature (22 ± 3)°C a Cal Date (Certificate No.) 04-Apr-18 (No. 217-02672/02673)	and humidity < 70%. Scheduled Calibration Apr-19
alibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-Z91	&TE critical for calibration)	facility: environment temperature (22 ± 3)°C a Cal Date (Certificate No.) 04-Apr-18 (No. 217-02672/02673) 04-Apr-18 (No. 217-02672)	and humidity < 70%. Scheduled Calibration Apr-19 Apr-19
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91	&TE critical for calibration) ID SN: 104778 SN: 103244	facility: environment temperature (22 ± 3)°C a Cal Date (Certificate No.) 04-Apr-18 (No. 217-02672/02673)	Apr-19 Apr-19 Apr-19
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator	&TE critical for calibration) ID SN: 104778 SN: 103244 SN: 103245	facility: environment temperature (22 ± 3)°C a Cal Date (Certificate No.) 04-Apr-18 (No. 217-02672/02673) 04-Apr-18 (No. 217-02672) 04-Apr-18 (No. 217-02673)	and humidity < 70%. Scheduled Calibration Apr-19 Apr-19
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Reference Probe ES3DV2	&TE critical for calibration) ID SN: 104778 SN: 103244 SN: 103245 SN: 55277 (20x)	facility: environment temperature (22 ± 3)°C a Cal Date (Certificate No.) 04-Apr-18 (No. 217-02672/02673) 04-Apr-18 (No. 217-02672) 04-Apr-18 (No. 217-02673) 04-Apr-18 (No. 217-02682)	Scheduled Calibration Apr-19 Apr-19 Apr-19 Apr-19 Apr-19
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4	ID SN: 104778 SN: 103244 SN: 103245 SN: 55277 (20x) SN: 3013	facility: environment temperature (22 ± 3)°C a Cal Date (Certificate No.) 04-Apr-18 (No. 217-02672/02673) 04-Apr-18 (No. 217-02672) 04-Apr-18 (No. 217-02673) 04-Apr-18 (No. 217-02682) 30-Dec-17 (No. ES3-3013_Dec17) 21-Dec-17 (No. DAE4-660_Dec17)	Apr-19 Apr-19 Apr-19 Apr-19 Apr-19 Dec-18 Dec-18
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards	ID SN: 104778 SN: 103244 SN: 103245 SN: 55277 (20x) SN: 660	facility: environment temperature (22 ± 3)°C a Cal Date (Certificate No.) 04-Apr-18 (No. 217-02672/02673) 04-Apr-18 (No. 217-02672) 04-Apr-18 (No. 217-02673) 04-Apr-18 (No. 217-02682) 30-Dec-17 (No. ES3-3013_Dec17)	Apr-19 Apr-19 Apr-19 Apr-19 Apr-19 Apr-19 Apr-19 Apr-19 Apr-19 Apr-19
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards Power meter E4419B	ID SN: 104778 SN: 103244 SN: 103245 SN: 85277 (20x) SN: 3013 SN: 660 ID	facility: environment temperature (22 ± 3)°C a Cal Date (Certificate No.) 04-Apr-18 (No. 217-02672/02673) 04-Apr-18 (No. 217-02672) 04-Apr-18 (No. 217-02672) 04-Apr-18 (No. 217-02682) 30-Dec-17 (No. ES3-3013_Dec17) 21-Dec-17 (No. DAE4-660_Dec17) Check Date (in house)	Apr-19 Apr-19 Apr-19 Apr-19 Apr-19 Dec-18 Dec-18 Dec-18 Scheduled Check
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards Power meter E4419B Power sensor E4412A Power sensor E4412A	kTE critical for calibration) ID SN: 104778 SN: 103244 SN: 103245 SN: 3013 SN: 660 ID SN: GB41293874	facility: environment temperature (22 ± 3)°C a Cal Date (Certificate No.) 04-Apr-18 (No. 217-02672/02673) 04-Apr-18 (No. 217-02672) 04-Apr-18 (No. 217-02673) 04-Apr-18 (No. 217-02682) 30-Dec-17 (No. ES3-3013_Dec17) 21-Dec-17 (No. DAE4-660_Dec17) Check Date (in house) 06-Apr-16 (in house check Jun-18)	Apr-19 Apr-19 Apr-19 Apr-19 Apr-19 Dec-18 Dec-18 Dec-18 Scheduled Check In house check: Jun-20
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-291 Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards Power meter E4419B Power sensor E4412A Power sensor E4412A RF generator HP 8648C	&TE critical for calibration) ID SN: 104778 SN: 103244 SN: 103245 SN: 3013 SN: 660 ID SN: GB41293874 SN: 000110210 SN: US3642U01700	facility: environment temperature (22 ± 3)°C a Cal Date (Certificate No.) 04-Apr-18 (No. 217-02672/02673) 04-Apr-18 (No. 217-02672) 04-Apr-18 (No. 217-02673) 04-Apr-18 (No. 217-02682) 30-Dec-17 (No. ES3-3013_Dec17) 21-Dec-17 (No. DAE4-660_Dec17) Check Date (in house) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18)	Apr-19 Apr-19 Apr-19 Apr-19 Apr-19 Dec-18 Dec-18 Dec-18 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 dB Attenuator Reference 20 dB Attenuator Reference 20 dB Attenuator Reference Hobe ES3DV2 DAE4 Secondary Standards Power meter E4419B Power sensor E4412A Power sensor E4412A RF generator HP 8648C	ID SN: 104778 SN: 103244 SN: 103245 SN: 3013 SN: 660 ID SN: GB41293874 SN: WY41498087 SN: 000110210	facility: environment temperature (22 ± 3)°C a Cal Date (Certificate No.) 04-Apr-18 (No. 217-02672/02673) 04-Apr-18 (No. 217-02672) 04-Apr-18 (No. 217-02673) 04-Apr-18 (No. 217-02682) 30-Dec-17 (No. ES3-3013_Dec17) 21-Dec-17 (No. DAE4-660_Dec17) Check Date (in house) 06-Apr-16 (in house check Jun-18) 06-Apr-16 (in house check Jun-18)	Apr-19 Apr-19 Apr-19 Apr-19 Apr-19 Dec-18 Dec-18 Dec-18 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-291 Reference 20 dB Attenuator Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards Power sensor E4412A Power sensor E4412A RF generator HP 8648C Network Analyzer HP 8753E	ID SN: 104778 SN: 103244 SN: 103245 SN: 3013 SN: 660 ID SN: GB41293874 SN: 000110210 SN: US3642U01700 SN: US3790585	facility: environment temperature (22 ± 3)°C a Cal Date (Certificate No.) 04-Apr-18 (No. 217-02672/02673) 04-Apr-18 (No. 217-02672) 04-Apr-18 (No. 217-02673) 04-Apr-18 (No. 217-02682) 30-Dec-17 (No. ES3-3013_Dec17) 21-Dec-17 (No. DAE4-660_Dec17) 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) 04-Aug-99 (in house check Jun-18) 18-Oct-01 (in house check Oct-17) Function	Apr-19 Apr-19 Apr-19 Apr-19 Apr-19 Dec-18 Dec-18 Scheduled Check In house check: Jun-20 In house check: Jun-20 In house check: Jun-20 In house check: Jun-20
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Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Reference 20 dB Attenuator Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards Power sensor E4412A Power sensor E4412A RF generator HP 8648C Network Analyzer HP 8753E Calibrated by:	ID SN: 104778 SN: 103244 SN: 103245 SN: 3013 SN: 660 ID SN: GB41293874 SN: 000110210 SN: US3642U01700 SN: US3790585	facility: environment temperature (22 ± 3)°C a Cal Date (Certificate No.) 04-Apr-18 (No. 217-02672/02673) 04-Apr-18 (No. 217-02672) 04-Apr-18 (No. 217-02673) 04-Apr-18 (No. 217-02682) 30-Dec-17 (No. ES3-3013_Dec17) 21-Dec-17 (No. DAE4-660_Dec17) 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) 04-Aug-99 (in house check Jun-18) 18-Oct-01 (in house check Oct-17) Function	Apr-19 Apr-19 Apr-19 Apr-19 Apr-19 Dec-18 Dec-18 Dec-18 Scheduled Check In house check: Jun-20 In house check: Jun-20
Calibration Equipment used (M. Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards	ID SN: 104778 SN: 103245 SN: 3013 SN: 660 ID SN: 660 SN: 002110 SN: 00110210 SN: US3642U01700 SN: US37390585 Name Claudio Leubler	facility: environment temperature (22 ± 3)°C a Cal Date (Certificate No.) 04-Apr-18 (No. 217-02672/02673) 04-Apr-18 (No. 217-02672) 04-Apr-18 (No. 217-02672) 04-Apr-18 (No. 217-02682) 30-Dec-17 (No. DAE4-660_Dec17) 21-Dec-17 (No. DAE4-660_Dec17) 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) 18-Oct-01 (in house check Jun-18) Function Laboratory Technician	Apr-19 Apr-19 Apr-19 Apr-19 Dec-18 Dec-18 Dec-18 Scheduled Check In house check: Jun-20 In house check: Jun-20

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Swiss Calibration Service

Accreditation No.: SCS 0108

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TSL	tissue simulating liquid
NORMx,y,z	sensitivity in free space
ConvF	sensitivity in TSL / NORMx, y,z
DCP	diode compression point
CF	crest factor (1/duty cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization ϕ	φ rotation around probe axis
Polarization 9	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
- b)
- Techniques", June 2013 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 IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices C) 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 \leq 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).

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EX3DV4 - SN:3801

June 26, 2018

Probe EX3DV4

SN:3801

Manufactured: Calibrated:

April 5, 2011 June 26, 2018

Calibrated for DASY/EASY Systems (Note: non-compatible with DASY2 system!)

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June 26, 2018

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3801

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm $(\mu V/(V/m)^2)^A$	0.53	0.57	0.52	± 10.1 %
DCP (mV) ^B	101.8	101.3	96.8	

Modulation Calibration Parameters

UID	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Unc ^E (k=2)
0	CW	X	0,0	0.0	1.0	0.00	166.4	±3.0 %
		Y	0.0	0.0	1.0	1	173.4	
		7	0.0	0.0	10	1	164.7	

Note: For details on UID parameters see Appendix

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	T6
Х	43.02	327.9	36.76	18.19	0.894	5.085	0.000	0.523	1.011
Y	48.75	365.0	35.77	24.10	0.825	5,100	0.855	0.468	1.008
Z	43.58	332.6	36.84	15.47	0.783	5.090	0.000	0.516	1.010

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

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

⁸ Numerical linearization parameter: uncertainty not required. ^e Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the

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EX3DV4- SN:3801

June 26, 2018

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3801

f (MHz) ^c	Relative Permittivity ^F	Conductivity (S/m) ^F	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
150	52.3	0.76	11.05	11.05	11.05	0.00	1.00	± 13.3 %
450	43.5	0.87	9.90	9.90	9.90	0.15	1.30	± 13.3 %
750	41.9	0.89	9.50	9,50	9.50	0.43	0.96	± 12.0 %
835	41.5	0.90	9.08	9.08	9.08	0.51	0.85	± 12.0 %
900	41.5	0.97	8.95	8.95	8,95	0.51	0.87	± 12.0 %
1450	40.5	1.20	8.17	8.17	8.17	0.33	0.80	± 12.0 %
1750	40.1	1.37	8.10	8.10	8.10	0.39	0.84	± 12.0 %
1900	40.0	1.40	7.78	7.78	7.78	0.36	0.84	± 12.0 %
2100	39.8	1.49	7.90	7.90	7.90	0.35	0.80	± 12.0 %
2450	39.2	1.80	7.08	7.08	7.08	0.35	0.86	± 12.0 %
2600	39.0	1.96	6.94	6.94	6.94	0.40	0.86	± 12.0 %
3500	37.9	2.91	6.88	6.88	6.88	0.25	1.20	± 13.1 %
5200	36.0	4.66	4.93	4.93	4.93	0.40	1.80	± 13.1 %
5300	35.9	4.76	4.70	4.70	4.70	0.40	1.80	± 13.1 %
5500	35.6	4.96	4.82	4.82	4.82	0.40	1.80	± 13.1 %
5600	35.5	5.07	4.69	4.69	4.69	0.40	1.80	± 13.1 %
5800	35.3	5.27	4.61	4.61	4.61	0.40	1.80	± 13.1 %

Calibration Parameter Determined in Head Tissue Simulating Media

^C Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Above 5 GHz frequency validity validity can be extended to ± 110 MHz.
 ^F At frequencies below 3 GHz, the validity of tissue parameters (c and d) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (c and d) is restricted to ± 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 ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

diameter from the boundary

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EX3DV4-SN:3801

June 26, 2018

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3801

f (MHz) ^c	Relative Permittivity ^F	Conductivity (S/m) ^F	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
150	61.9	0.80	10.74	10.74	10.74	0.00	1.00	± 13.3 %
450	56.7	0.94	10.16	10.16	10.16	0.09	1.25	± 13.3 %
750	55.5	0.96	9.19	9.19	9.19	0.49	0.83	± 12.0 %
835	55.2	0.97	9.04	9.04	9.04	0.53	0.80	± 12.0 %
900	55.0	1.05	9.01	9.01	9.01	0.44	0.89	± 12.0 %
1450	54.0	1.30	7.93	7.93	7.93	0.33	0.80	± 12.0 %
1750	53.4	1.49	7.68	7.68	7.68	0.49	0.82	± 12.0 %
1900	53.3	1.52	7.37	7.37	7.37	0,38	0.86	± 12.0 %
2100	53.2	1.62	7.79	7.79	7.79	0.42	0.80	± 12.0 %
2450	52.7	1.95	7.19	7.19	7.19	0.41	0.84	± 12.0 %
2600	52.5	2.16	7.01	7.01	7.01	0.30	0.99	± 12.0 %
3500	51.3	3.31	6.90	6.90	6.90	0.25	1.25	± 13.1 %
5200	49.0	5.30	4.23	4.23	4.23	0.50	1.90	± 13.1 %
5300	48.9	5.42	4.09	4.09	4.09	0.50	1.90	± 13.1 %
5500	48.6	5.65	3.94	3.94	3.94	0.50	1.90	± 13.1 %
5600	48.5	5.77	3.80	3.80	3.80	0.50	1.90	± 13.1 %
5800	48.2	6.00	3.95	3.95	3.95	0.50	1.90	± 13.1 %

Calibration Parameter Determined in Body Tissue Simulating Media

^C Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10.25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Above 5 GHz frequency validity can be extended to ± 110 MHz.

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

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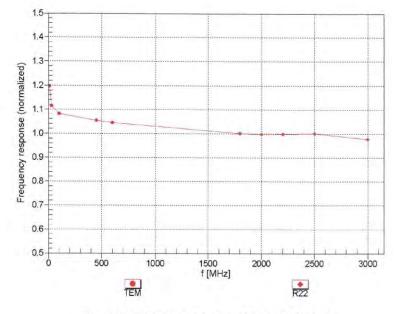


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EX3DV4- SN:3801

June 26, 2018

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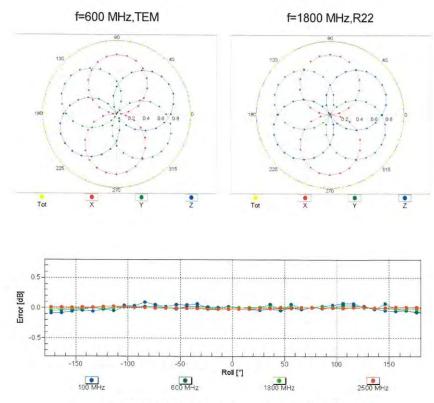
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Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

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

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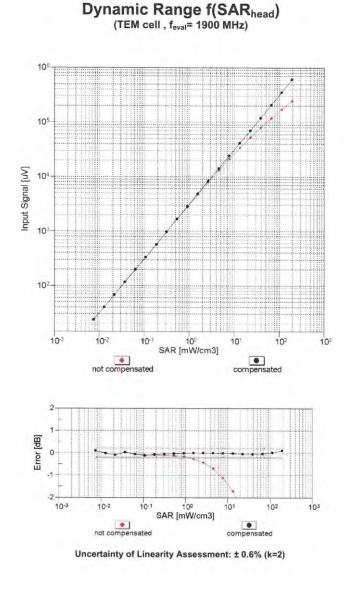
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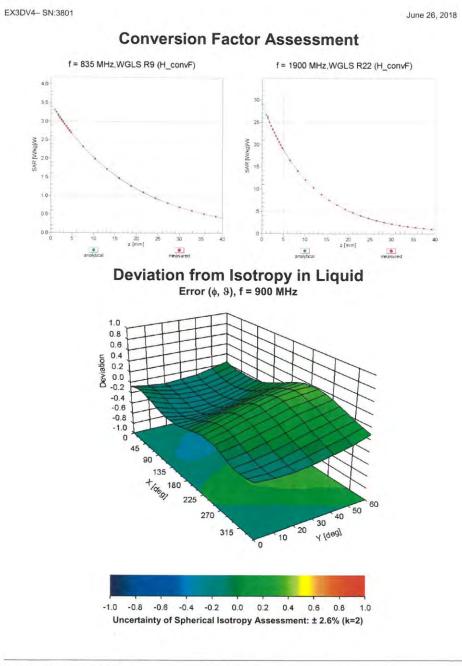
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June 26, 2018

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3801

Other Probe Parameters

Triangular
126.3
enabled
disabled
337 mm
10 mm
9 mm
2.5 mm
1 mm
1 mm
1 mm
1.4 mm

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June 26, 2018

UID	Communication System Name		A dB	B dBõV	c	D dB	VR mV	Max Unc ^E (k=2)
0	CW	X	0.00	0.00	1.00	0.00	166.4	± 3.0 %
-		Y	0.00	0.00	1.00	0.00	173.4	10.0 /0
		Z	0.00	0.00	1.00		164.7	
10010-	SAR Validation (Square, 100ms, 10ms)	X	3.37	69.78	12.74	10.00	20.0	± 9.6 %
CAA	SAR Validation (Square, Tooms, Toms)		200			10.00		I 9.0 %
		Y	6.44	76.86	15.76		20.0	
10011		Z	3.21	69.39	12.43		20.0	
10011- CAB	UMTS-FDD (WCDMA)	X	0.83	64.38	12.95	0.00	150.0	± 9.6 %
		Y	0.99	67.13	14.98	1.2	150.0	
	a second s	Z	0.83	64.35	12.93		150.0	
10012- CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	x	1.10	62.97	14.26	0.41	150.0	± 9.6 %
	and and	Y	1.20	64.42	15.48		150.0	
	and the second sec	Z	1.09	62.83	14.21		150.0	
10013- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps)	X	4.80	66.58	16.95	1.46	150.0	± 9.6 %
		Y	4.93	66.87	17.23		150.0	
		Z	4.33	66.54	16.94		150.0	-
10021-	GSM-FDD (TDMA, GMSK)	X	100.00	116.48	28.92	9.39	50.0	± 9.6 %
DAC	GSM-PDD (TDMA, GIVISK)	1.22	1100	1002002	100020	9.39		19.0 %
		Y	100.00	116.87	29.39		50.0	
		Z	100.00	116.44	28.77		50.0	
10023- DAC	GPRS-FDD (TDMA, GMSK, TN 0)	X	100.00	116.20	28.84	9.57	50.0	± 9.6 %
1.44	9	Y	100.00	116.71	29.35	1.000	50.0	
1000	and the set of some first and the second sec	Z	100.00	116.08	28.65		50.0	
10024- DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	X	100.00	113.53	26.55	6.56	60.0	± 9.6 %
		Y	100.00	114.45	27.34	1	60.0	
		Z	100.00	114.34	26.74		60.0	
10025- DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	X	4.69	72.18	26,92	12.57	50.0	± 9.6 %
Ditto		Y	15.97	110.85	44.06		50.0	
		Z	4.44	71.01	26.44		50.0	
10000	EDGE EDD (TDMA PDSK TN 0.4)	-				9.56	60.0	+060
10026- DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	x	11.01	95.24	33.64	9.50		± 9.6 %
		Y	27.30	117.67	41.25		60.0	
		Z	9.87	93.32	33.15		60.0	
10027- DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	X	100.00	112.38	25.28	4.80	80.0	± 9.6 %
		Y	100.00	114.07	26.45		80.0	
		Z	100.00	113.67	25.65		80.0	
10028- DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	x	100.00	111.82	24.34	3.55	100.0	± 9.6 %
		Y	100.00	114.73	26.07		100.0	
		Z	100.00	113.39	24.82	1.1	100.0	
10029- DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	×	6.96	84.53	28.40	7.80	80.0	± 9.6 %
		Y	12.11	97.00	33.17		80.0	
		Z	6.28	82.79	27.89		80.0	1.0.0
10030- CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	X	100.00	111.17	25.02	5.30	70.0	± 9.6 %
STVI		Y	100.00	112.86	26.19		70.0	
		Z	100.00	112.10	25.26	-	70.0	
10031-	IEEE 802.15.1 Bluetooth (GFSK, DH3)	X	100.00	105.29	20.26	1.88	100.0	± 9.6 %
CAA		1	100.00	140 55	24.19		100.0	-
		Y	100.00	113.55				-
		Z	100.00	105.78	20.26		100.0	

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June 26, 2018

10032- CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Х	100.00	101.22	17.75	1.17	100.0	± 9.6 %
		Y	100.00	116.20	24.29		100.0	
		Ζ	100.00	100.56	17.31	1	100.0	
10033- CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	х	18.92	99.43	26.35	5.30	70.0	± 9.6 %
		Y	100.00	126.11	33.82		70.0	
		Z	20.67	102.09	27.36		70.0	1.000
10034- CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	х	3.06	75.57	16.71	1.88	100.0	±9.6 %
		Y	9.98	92.25	23.17		100.0	
		Z	2.90	75.55	16.88		100.0	
10035- CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	х	1.83	70.29	14.26	1.17	100.0	± 9.6 %
		Y	4.00	80.96	19.27	-	100.0	
		Z	1.74	70.11	14.32		100.0	
10036- CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	х	30.39	106.85	28.45	5.30	70.0	± 9.6 %
		Y	100.00	126.44	33.98		70.0	
10000		Z	35.81	110.82	29.76	1.00	70.0	
10037- CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	x	2.84	74.70	16.36	1.88	100.0	±9.6 %
_		Y	8.90	90.73	22.69		100.0	
10000		Z	2.69	74.65	16.52		100.0	
10038- CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	X	1.85	70.62	14.50	1.17	100.0	± 9.6 %
_		Y	4.14	81.72	19.65		100.0	-
		Z	1.75	70.43	14.57		100.0	
10039- CAB	CDMA2000 (1xRTT, RC1)	X	1.12	65.78	11.74	0.00	150.0	±9.6 %
		Y	1.72	71.14	15.18		150.0	
		Ζ	1.13	65.83	11.81		150.0	- and the
10042- CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4- DQPSK, Halfrate)	X	100.00	111.21	25.70	7.78	50.0	±9.6 %
		Y	100.00	112.25	26.50		50.0	_
		Z	100.00	111.42	25.65		50.0	
10044- CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	X	0.04	119.18	11.18	0.00	150.0	± 9.6 %
		Y	0.01	110.75	9.59		150.0	
10010		Z	0.04	119.30	10.88	10.00	150.0	
10048- CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	X	100.00	116.95	30.57	13.80	25.0	± 9.6 %
-		Y	100.00	118.90	31.58		25.0	
10049- CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	Z X	100.00 100.00	115.50 116.02	29.86 29.07	10.79	25.0 40.0	± 9.6 %
	- 200 AD	Y	100.00	116.75	29.64		40.0	
-		Z	100.00	115.45	28.70		40.0	
10056- CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	X	26.45	101.81	27.79	9.03	50.0	± 9.6 %
		Y	95.09	123.36	33.94		50.0	
		Z	35.26	107.00	29.30		50.0	
10058- DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	X	5.27	78.98	25.36	6.55	100.0	±9.6 %
		Y	7.85	87.34	28.81	-	100.0	
		Z	4.82	77.53	24.91	-	100.0	
10059- CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	x	1.16	64.21	14.95	0.61	110.0	± 9.6 %
		Y	1.31	66.27	16.46		110.0	
1		Z	1.14	63.97	14.87		110.0	
10060- CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps)	Х	8.60	97.03	24.51	1.30	110.0	± 9.6 %
		Y	100.00	133.40	34.07		110.0	
		Z	7.00	95.42	24.31		110.0	

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10061- CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	X	3.49	81.85	22.13	2.04	110.0	±9.6 %
		Y	10.88	100.68	28.62		110.0	
		Z	3.06	80.49	21.85		110.0	
10062- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	X	4.56	66.41	16.26	0.49	100.0	±9.6 %
1.00		Y	4.69	66.72	16.55		100.0	
		Z	4.56	66.38	16.26		100.0	-
10063- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	X	4.58	66.53	16.38	0.72	100.0	± 9.6 %
-		Y	4.72	66.85	16.68	S. 200 (1997)	100.0	
	And an and a second	Z	4.58	66.50	16.38		100.0	
10064- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	X	4.86	66.80	16.63	0.86	100.0	± 9.6 %
		Y	5.01	67.14	16.92		100.0	
		Z	4.86	66.78	16.63		100.0	
10065- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	X	4.75	66.74	16.76	1.21	100.0	± 9.6 %
		Y	4.90	67.11	17.07		100.0	2
		Z	4.75	66.71	16.76		100.0	
10066- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	X	4.77	66.80	16.95	1.46	100.0	± 9.6 %
		Y	4.93	67.18	17.28		100.0	
	A DATE OF THE A DATE OF THE ADDRESS	Z	4.77	66.76	16.95		100.0	
10067- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	x	5.09	67.08	17.46	2.04	100.0	± 9.6 %
		Y	5.24	67.39	17.76	-	100.0	
		Z	5.08	67.03	17.46		100.0	
10068- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	x	5.14	67.13	17.70	2.55	100.0	±9.6 %
		Y	5.32	67.54	18.04		100.0	
		Z	5.13	67.08	17.69		100.0	1
10069- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	x	5.22	67.17	17.91	2.67	100.0	± 9.6 %
		Y	5.40	67.53	18.24		100.0	
		Z	5.22	67.11	17.90		100.0	
10071- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	X	4.91	66.72	17.29	1.99	100.0	± 9.6 %
	A second second second second	Y	5.04	67.03	17.58		100.0	
		Z	4.90	66.67	17.29		100.0	
10072- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	x	4.90	67.07	17.53	2.30	100.0	± 9.6 %
		Y	5.05	67.46	17.86		100.0	1
		Z	4.89	67.01	17.52		100.0	1 200
10073- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	x	4.99	67.32	17.91	2.83	100.0	± 9.6 %
		Y	5.14	67.73	18.26		100.0	-
		Z	4.97	67.24	17.90		100.0	
10074- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	×	5.00	67.29	18.10	3.30	100.0	± 9.6 %
		Y	5.15	67.70	18.46		100.0	-
1.1.1		Z	4.97	67.19	18.08		100.0	1
10075- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	X	5.05	67.46	18.45	3.82	90.0	± 9.6 %
		Y	5.22	67.96	18.86		90.0	
		Z	5.02	67.34	18.42		90.0	
10076- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	X	5.08	67.31	18.60	4.15	90.0	± 9.6 %
		Y	5.23	67.75	18.99		90.0	
		Z	5.05	67.18	18.57		90.0	
10077- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	X	5.11	67.39	18.71	4.30	90.0	± 9.6 %
		Y	5.26	67.83	19.09		90.0	-
		Z	5.08	67.25	18.67		90.0	-

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10081- CAB	CDMA2000 (1xRTT, RC3)	Х	0.58	62.15	9.26	0.00	150.0	± 9.6 %
UAD		Y	0.79	65.29	12.01		150.0	
		Z	0.59	62.18	9.31		150.0	
10082- CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4- DQPSK, Fullrate)	х	0.89	60.00	5.00	4.77	80.0	± 9.6 %
		Y	1.06	60.10	5.42		80.0	
		Z	0.82	60.00	4.83	1	80.0	
10090- DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	х	100.00	113.61	26.61	6.56	60.0	±9.6 %
		Y	100.00	114.52	27.40		60.0	
		Z	100.00	114.43	26.80		60.0	-
10097- CAB	UMTS-FDD (HSDPA)	х	1.61	65.84	14.20	0.00	150.0	± 9.6 %
		Y	1.79	67.45	15.49		150.0	
		Z	1.61	65.80	14.19		150.0	
10098- CAB	UMTS-FDD (HSUPA, Subtest 2)	Х	1.57	65.77	14.15	0.00	150.0	± 9.6 %
		Y	1.75	67.41	15.45		150.0	
10000		Z	1.57	65.73	14.14	0.50	150.0	1000
10099- DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	X	11.08	95.35	33.68	9.56	60.0	± 9.6 %
		Y	27.49	117.79	41.28		60.0	
		Z	9.94	93.45	33.20	0.00	60.0	
10100- CAD	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	х	2.79	68.48	15.57	0.00	150.0	± 9.6 %
_		Y	3.10	70.20	16.56		150.0	
10101-	LTE-FDD (SC-FDMA, 100% RB, 20	Z X	2.79 3.04	68.46 66.54	15.56 15.23	0.00	150.0 150.0	± 9.6 %
CAD	MHz, 16-QAM)	Y	0.04	07.40	15.84		150.0	
			3.21	67.43			150.0	
10102-	LTE-FDD (SC-FDMA, 100% RB, 20	ZX	3.04 3.15	66.53 66.58	15.23 15.37	0.00	150.0	±9.6 %
CAD	MHz, 64-QAM)	Y	3.32	67.39	15.93	0.00	150.0	1 9.0 %
-		Z	3.15	66.57	15.36		150.0	
10103-	LTE-TDD (SC-FDMA, 100% RB, 20	X	6.94	77.02	20.93	3.98	65.0	± 9.6 %
CAD	MHz, QPSK)	Y	8.30	79.59	21.98	0.00	65.0	20.0 /
		Z	6.60	76.51	20.82	-	65.0	-
10104- CAD	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	X	6.60	74.37	20.62	3.98	65.0	± 9.6 %
UND		Y	7.74	76.89	21.76		65.0	
		Z	6.34	73.90	20.51		65.0	
10105- CAD	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	X	6.43	73.76	20.67	3.98	65.0	± 9.6 %
		Y	7.21	75.46	21.47		65.0	
		Z	6.12	73.09	20.46		65.0	
10108- CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	X	2.42	67.75	15.36	0.00	150.0	± 9.6 %
		Y	2.70	69.42	16.38		150.0	
		Z	2.42	67.73	15.35		150.0	
10109- CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	X	2.68	66.30	15.02	0.00	150.0	± 9.6 %
		Y	2.87	67.25	15.73		150.0	
		Z	2.69	66.28	15.02		150.0	
10110- CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	x	1.93	66.75	14.78	0.00	150.0	± 9.6 %
		Y	2.19	68.51	15.97		150.0	
		Z	1.93	66.73	14.77		150.0	
10111- CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	X	2.36	66.83	15.03	0.00	150.0	± 9.6 %
		Y	2.58	67.98	15.96		150.0	
		Z	2.36	66.80	15.03		150.0	

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10112- CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	X	2.81	66.38	15.13	0.00	150.0	± 9.6 %
		Y	2.99	67.24	15.78		150.0	
		Z	2.82	66.36	15.13		150.0	
10113- CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	x	2.51	67.07	15.23	0.00	150.0	± 9.6 %
		Y	2.73	68.12	16.09		150.0	-
		Z	2.52	67.04	15.23	1.75	150.0	Carl I
10114- CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	х	4.99	66.82	16.16	0.00	150.0	± 9.6 %
		Y	5.10	67.13	16.38		150.0	
		Z	5.00	66.82	16.16	1.000	150.0	1
10115- CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	x	5.25	66.91	16.21	0.00	150.0	± 9.6 %
		Y	5.40	67.27	16.46		150.0	
		Z	5.26	66.91	16.22		150.0	
10116- CAC	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	x	5.07	66.99	16.17	0.00	150.0	± 9.6 %
		Y	5.20	67.33	16.40	10000	150.0	1
	1.0	Z	5.08	66.99	16.17		150.0	
10117- CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	x	4.96	66.69	16.10	0.00	150.0	± 9.6 %
		Y	5.07	67.00	16.33		150.0	
		Z	4.96	66.68	16.10		150.0	
10118- CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16- QAM)	x	5.33	67.12	16.33	0.00	150.0	± 9.6 %
		Y	5.48	67.48	16.57		150.0	
		Z	5.34	67.12	16.33		150.0	
10119- CAC	IEEE 802.11n (HT Mixed, 135 Mbps, 64- QAM)	X	5.06	66.96	16.16	0.00	150,0	± 9.6 %
		Y	5.17	67.27	16.38		150.0	
		Z	5.07	66.96	16.16		150.0	
10140- CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	x	3.18	66.58	15.28	0.00	150.0	± 9.6 %
		Y	3.35	67.40	15.85		150.0	
		Z	3.18	66.57	15.28		150.0	
10141- CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	х	3.31	66.74	15.49	0.00	150.0	± 9.6 %
		Y	3.48	67.49	16.02		150.0	
		Z	3.31	66.73	15.48		150.0	
10142- CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	X	1.67	66.36	14.09	0.00	150.0	± 9.6 %
		Y	1.96	68.43	15.60		150.0	
1.1		Z	1.68	66.34	14.10		150.0	
10143- CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	x	2.13	66.92	14.26	0.00	150.0	±9.6 %
		Y	2.43	68.64	15.63		150.0	1
		Z	2.14	66.91	14.27		150.0	
10144- CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	x	1.95	64.98	12.78	0.00	150.0	± 9.6 %
		Y	2.21	66.44	14.07	-	150.0	
		Z	1.96	64.98	12.81		150.0	1
10145- CAE	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	×	0.89	61.84	8.95	0.00	150.0	± 9.6 %
		Y	1.18	64.72	11.53	1	150.0	
		Z	0.90	61.92	9.05	1	150.0	
10146- CAE	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	x	1.50	63.67	9.83	0.00	150.0	± 9.6 %
		Y	2.10	66.97	12.06		150.0	
		Z	1.48	63.51	9.75		150.0	1
10147- CAE	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	х	1.66	64.83	10.55	0.00	150.0	± 9.6 %
		Y	2.53	69.23	13.24		150.0	
		Z	1.63	64.59	10.43		150.0	

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10149- CAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	X	2.69	66.35	15.07	0.00	150.0	±9.6 %
		Y	2.88	67.31	15.77		150.0	
		Z	2.70	66.34	15.06		150.0	
10150- CAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	x	2.82	66.43	15.17	0.00	150.0	±9.6 %
		Y	3.00	67.30	15.82		150.0	
		Z	2.82	66.41	15.17		150.0	
10151- CAD	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	X	7.29	79.43	21.93	3.98	65.0	±9.6 %
		Y	9.32	83.12	23.40		65.0	1
		Z	6.94	78.98	21.87		65.0	
10152- CAD	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	X	6.14	74.36	20.27	3,98	65.0	±9.6 %
		Y	7.37	77.20	21.60		65.0	
		Z	5.87	73.88	20.17		65.0	
10153- CAD	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	x	6.57	75.50	21.13	3.98	65.0	± 9.6 %
		Y	7.80	78.18	22.37	-	65.0	
	A REAL AND A REAL AND A REAL AND A	Z	6.29	74.99	21.02	1.7	65.0	
10154- CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	x	1.96	67.07	14.99	0.00	150.0	± 9.6 %
		Y	2.23	68.90	16.22		150.0	-
		Z	1.97	67.05	14.99		150.0	
10155- CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	X	2.36	66.85	15.05	0.00	150.0	± 9.6 %
		Y	2.58	68.00	15.98		150.0	-
		Z	2.37	66.82	15.05	-	150.0	
10156- CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	x	1.49	66.02	13.56	0.00	150.0	± 9.6 %
		Y	1.80	68.47	15.37	-	150.0	
		Z	1.50	66.01	13.58		150.0	
10157- CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	×	1.74	65.03	12.45	0.00	150.0	±9.6 %
		Y	2.04	66.94	14.07		150.0	
-	and the second sec	Z	1.75	65.04	12.50	1	150.0	
10158- CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	x	2.52	67.13	15.27	0.00	150.0	± 9.6 %
		Y	2.73	68.18	16.14		150.0	
	the second se	Z	2.52	67.10	15.27		150.0	
10159- CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	x	1.82	65.36	12.68	0.00	150.0	±9.6 %
		Y	2.15	67.39	14.35		150.0	
		Z	1.83	65.38	12.73		150.0	
10160- CAD	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	х	2.49	67.29	15.33	0.00	150.0	± 9.6 %
		Y	2.71	68.48	16.17	-	150.0	
		Z	2.50	67.27	15.32		150.0	
10161- CAD	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	x	2.71	66.34	15.05	0.00	150.0	± 9.6 %
		Y	2.90	67.23	15.75		150.0	
		Z	2.71	66.32	15.05	1	150.0	1
10162- CAD	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	X	2.82	66.54	15.20	0.00	150.0	±9.6 %
		Y	3.01	67.37	15.86		150.0	
		Z	2.82	66.52	15.19		150.0	
10166- CAE	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	×	3.40	69.00	18.89	3.01	150.0	± 9.6 %
		Y	3.70	70.05	19.33		150.0	
		Z	3.38	68.85	18.78	-	150.0	1
10167-	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz,	X	4.04	71.48	19.17	3.01	150.0	±9.6 %
CAE	16-QAM)						A second second second	

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10168- CAE	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	X	4.52	73.94	20.64	3.01	150.0	± 9.6 %
		Y	5.25	75.73	21.26		150.0	
		Z	4.48	73.68	20.49		150.0	
10169- CAD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	X	2.77	67.75	18.34	3.01	150.0	±9.6 %
		Y	3.18	70.11	19.36		150.0	
		Z	2.75	67.60	18.22	1.00	150.0	
10170- CAD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	x	3.59	72.80	20.42	3.01	150.0	± 9.6 %
		Y	4.67	76.93	21.92		150.0	
		Z	3.54	72.56	20.26		150.0	
10171- AAD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	х	2.99	69.00	17.71	3.01	150.0	±9.6 %
1		Y	3.76	72.40	19.07	0	150.0	
		Z	2.96	68.80	17.56	-	150.0	
10172- CAD	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	х	9.91	94.44	29.85	6.02	65.0	± 9.6 %
		Y	26.96	112.91	35.22		65.0	
S		Z	8.39	91.68	29.04		65.0	
10173- CAD	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	х	17.47	101.05	30.02	6.02	65.0	±9.6 %
		Y	73.48	124.50	35.94		65.0	
	Contraction of the second s	Z	15.60	99.60	29.69		65.0	
10174- CAD	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	X	14.33	96.21	27.96	6.02	65.0	±9.6 %
	And the second sec	Y	38.46	111.23	31.91		65.0	
		Z	12.63	94.55	27.54		65.0	-
10175- CAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	X	2.74	67.47	18.09	3.01	150.0	± 9.6 %
		Y	3.14	69.79	19.11		150.0	
		Z	2.72	67.32	17.97	1.00	150.0	
10176- CAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	x	3.59	72.83	20.43	3.01	150.0	± 9.6 %
		Y	4.68	76.96	21.93		150.0	
		Z	3.55	72.58	20.27	1.1	150.0	
10177- CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	X	2.76	67.60	18.18	3.01	150.0	± 9.6 %
		Y	3.17	69.94	19.20		150.0	
	and a second	Z	2.74	67.46	18.06		150.0	
10178- CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16- QAM)	X	3.56	72.65	20.32	3.01	150.0	± 9.6 %
		Y	4.63	76.72	21.81		150.0	1.00
		Z	3.52	72.40	20.17		150.0	
10179- CAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	X	3.26	70.78	18.93	3.01	150.0	± 9.6 %
		Y	4.17	74.53	20.35		150.0	
		Z	3.22	70.55	18.78		150.0	
10180- CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64- QAM)	X	2.99	68.95	17.67	3.01	150.0	± 9.6 %
1.1.1		Y	3.75	72.33	19.02		150.0	
		Z	2.95	68.75	17.52	1.1	150.0	
10181- CAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	×	2.75	67.59	18.17	3.01	150.0	± 9.6 %
		Y	3.17	69.93	19.20		150.0	_
		Z	2.73	67.44	18.06	1	150.0	
10182- CAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	x	3.56	72.62	20.31	3.01	150.0	± 9.6 %
		Y	4.62	76.70	21.80		150.0	
		Z	3.51	72.38	20.16		150.0	
10183- AAC	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	x	2.98	68.93	17.66	3.01	150.0	± 9.6 %
		Y	3.74	72.31	19.01		150.0	
		Z	2.95	68.73	17.51		150.0	

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10184- CAD	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	X	2.76	67.63	18.19	3.01	150.0	± 9.6 %
		Y	3.18	69.97	19.22		150.0	
		Z	2.74	67.48	18.08		150.0	
10185- CAD	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16- QAM)	x	3.58	72.69	20.35	3.01	150.0	± 9.6 %
		Y	4.64	76.77	21.83		150.0	
		Z	3.53	72.45	20.19		150.0	
10186- AAD	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64- QAM)	×	3.00	68.99	17.69	3.01	150.0	± 9.6 %
		Y	3.76	72.38	19.04		150.0	
		Z	2.96	68.79	17.54		150.0	1
10187- CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	x	2.77	67.68	18.26	3.01	150.0	±9.6 %
		Y	3.19	70.03	19.28		150.0	
		Z	2.75	67.54	18.15		150.0	
10188- CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	x	3.68	73.28	20.71	3.01	150.0	± 9.6 %
	2. X	Y	4.80	77.49	22.22		150.0	1.0
		Z	3.63	73.04	20.56		150.0	1.1.1.1
10189- AAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	x	3.05	69.36	17.95	3.01	150.0	± 9.6 %
_		Y	3.85	72.83	19.33		150.0	
	the second s	Z	3.02	69.15	17.80	1000	150.0	IN SCREEK
10193- CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	X	4.37	66.23	15.79	0.00	150.0	± 9.6 %
		Y	4,50	66.54	16.08		150.0	
		Z	4.38	66.22	15.79		150.0	-
10194- CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	×	4.53	66.52	15.92	0.00	150.0	± 9.6 %
		Y	4.67	66.86	16.20		150.0	
1000		Z	4.54	66.50	15.92		150.0	
10195- CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	x	4.57	66.55	15.95	0.00	150.0	± 9.6 %
		Y	4.71	66.89	16.22		150.0	
		Z	4.58	66.54	15.94		150.0	
10196- CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	x	4.37	66.26	15.80	0.00	150.0	± 9.6 %
		Y	4.50	66.60	16.10		150.0	
	and the second sec	Z	4.38	66.25	15.80		150.0	
10197- CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16- QAM)	x	4.54	66.53	15.94	0.00	150.0	± 9.6 %
		Y	4.68	66.88	16.22		150.0	
		Z	4.55	66.52	15.93		150.0	
10198- CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64- QAM)	x	4.57	66.56	15.96	0.00	150.0	± 9.6 %
		Y	4.71	66.90	16.23	-	150.0	
		Z	4.58	66.55	15.95		150.0	10.11.1
10219- CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	x	4.32	66.27	15.75	0.00	150.0	± 9.6 %
		Y	4.45	66.61	16.06		150.0	
		Z	4.32	66.26	15.75		150.0	
10220- CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16- QAM)	x	4.54	66.50	15.92	0.00	150.0	± 9.6 %
		Y	4.68	66.85	16.21		150.0	
1020		Z	4.54	66.49	15.92		150.0	1.1.1.1.1.1.1
10221- CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64- QAM)	x	4.58	66.50	15.95	0.00	150.0	± 9.6 %
-		Y	4.72	66.83	16.22		150.0	
		Z	4.59	66.49	15.94		150.0	
10222- CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	х	4.93	66.68	16.09	0.00	150.0	± 9.6 %
		Y	5.04	67.01	16.33		150.0	
		Z	4.94	66.67	16.09			

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10223- CAC	IEEE 802.11n (HT Mixed, 90 Mbps, 16- QAM)	X	5.24	66.96	16.26	0.00	150.0	± 9.6 %
		Y	5.34	67.20	16.45		150.0	
		Z	5.25	66.96	16.26		150.0	
10224- CAC	IEEE 802.11n (HT Mixed, 150 Mbps, 64- QAM)	X	4.97	66.79	16.07	0.00	150.0	± 9.6 %
		Y	5.09	67.12	16.31		150.0	
		Z	4.98	66.78	16.07		150.0	
10225- CAB	UMTS-FDD (HSPA+)	х	2.61	65.30	14.50	0.00	150.0	± 9.6 %
		Y	2.77	66.01	15.22		150.0	
	A THE REPORT OF A PROPERTY OF	Z	2.62	65.28	14.51	1.000	150.0	-
10226- CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	X	19.06	102.80	30.64	6.02	65.0	± 9.6 %
		Y	84.74	127.31	36.73		65.0	
		Z	16.97	101.30	30.30		65.0	
10227- CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	x	18.47	100.66	29.36	6.02	65.0	± 9.6 %
		Y	61.00	119.15	34.00		65.0	
1000-		Z	16.71	99.46	29.10		65.0	
10228- CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	x	11.22	97.35	30.90	6.02	65.0	± 9.6 %
		Y	42.26	122.26	37.83	1	65.0	
		Z	9.70	95.02	30.26		65.0	
10229- CAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16- QAM)	x	17.60	101.16	30.06	6.02	65.0	± 9.6 %
		Y	73.82	124.58	35.96	-	65.0	
		Z	15.72	99.72	29.73		65.0	
10230- CAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64- QAM)	×	16.98	99.07	28.81	6.02	65.0	± 9.6 %
		Y	54.30	116.97	33.37		65.0	
12221		Z	15.38	97.90	28.55		65.0	
10231- CAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	X	10.61	96.11	30.42	6.02	65.0	± 9.6 %
		Y	38.34	120.13	37.18		65.0	-
10000		Z	9.21	93.87	29.80	0.00	65.0	1000
10232- CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16- QAM)	×	17.57	101.15	30.06	6.02	65.0	± 9.6 %
		Y	73.88	124.60	35.97		65.0	-
10000		Z	15.69	99.70	29.73	0.00	65.0	1000
10233- CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64- QAM)	X	16.93	99.04	28.80	6.02	65.0	±9.6 %
		Y	54.26	116.98 97.87	33.37 28.54	-	65.0 65.0	
10234- CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	X	15.34 10.13	97.87 95.03	29.94	6.02	65.0	± 9.6 %
5.10	71.718	Y	35.09	118.08	36,51	-	65.0	
		Z	8.83	92.87	29.34		65.0	
10235- CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	×	17.61	101.20	30.07	6.02	65.0	±9.6 %
		Y	74.39	124.74	36.01		65.0	
		Z	15.72	99.75	29.75		65.0	
10236- CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	x	17.15	99.23	28.85	6.02	65.0	±9.6 %
		Y	55.30	117.26	33.44		65.0	-
		Z	15.54	98.06	28.59		65.0	1.000
10237- CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	X	10,63	96.19	30.45	6.02	65.0	± 9.6 %
		Y	38.84	120.43	37.26		65.0	
		Z	9.22	93.94	29.82	-	65.0	
10238- CAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	X	17.54	101.13	30.05	6.02	65.0	± 9.6 %
		Y	73.93	124.62	35.97	-	65.0	
		Z	15.66	99.68	29.72		65.0	

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10239- CAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	X	16.87	99.00	28.79	6.02	65.0	± 9.6 %
		Y	54.20	116.98	33.38		65.0	
10240-	LTE-TDD (SC-FDMA, 1 RB, 15 MHz,	ZX	15.28 10.60	97.83 96.15	28.53 30.43	6.02	65.0 65.0	± 9.6 %
CAD	QPSK)	^	10.60	90.15	30.43	0.02	65.0	± 9.0 %
		Y	38.66	120.35	37.24		65.0	
		Z	9.20	93.89	29.81		65.0	
10241- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	X	8.68	82.76	26.12	6.98	65.0	± 9.6 %
	10.51	Y	11,24	87.33	27.87		65.0	1
10010		Z	8.20	81.79	25.80		65.0	-
10242- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	X	8.24	81.67	25.60	6.98	65.0	± 9.6 %
		Y	9.94	84.69	26.78		65.0	
10243-	1 75 700 /00 5014 50/ 00 4 444	Z	7.73	80.54	25.21		65.0	
10243- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	x	6.66	78.27	25.11	6.98	65.0	±9.6 %
		Y	7.69	80.76	26.19		65.0	
10244-	LTE TOD (SC EDMA 50% DD C MUS	Z	6.24	77.03	24.63	0.00	65.0	
CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	X	6.51	76.73	18.61	3.98	65.0	±9.6 %
		YZ	8.90	80.96	20.59		65.0	-
10245-	LTE-TDD (SC-FDMA, 50% RB, 3 MHz,	X	6.20 6.23	76.45	18.60	0.00	65.0	
CAB	64-QAM)			75.82	18.19	3.98	65.0	±9.6 %
		Y	8.52	80.01	20.18		65.0	1
10246-	LTE-TDD (SC-FDMA, 50% RB, 3 MHz,	ZX	5.95 5.89	75.55	18.18	2.00	65.0	10.000
CAB	QPSK)	Y		78.26	19.20	3.98	65.0	± 9.6 %
		Z	10.33	86.66	22.77	-	65.0	
10247-	LTE-TDD (SC-FDMA, 50% RB, 5 MHz,	X	5.69 5.27	78.38	19.42	0.00	65.0	
CAD	16-QAM)	Y	6.98	73.98 78.14	18.20	3.98	65.0	± 9.6 %
		Z	5.06	73.79	20.37		65.0	
10248-	LTE-TDD (SC-FDMA, 50% RB, 5 MHz,	X	5.20	73.29	18.26 17.89	3.98	65.0 65.0	± 9.6 %
CAD	64-QAM)					0.00	00.0	20.0 /4
		Y	6.82	77.27	20.01		65.0	
		Z	5.00	73.09	17.94		65.0	
10249- CAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	x	7.64	82.87	21.98	3.98	65.0	± 9.6 %
-		Y	12.50	90.52	24.99	1000	65.0	
10250-	TE TOD (DO EDMA CON ED TO MU	Z	7.27	82.69	22.09		65.0	
CAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	X	6.39	77.19	21.35	3.98	65.0	± 9.6 %
-		Y	7.97	80.62	22.94		65.0	-
10251-	LTE-TDD (SC-FDMA, 50% RB, 10 MHz.	Z	6.07	76.69	21.28	0.00	65.0	10000
CAD	64-QAM)	X	5.95	74.70	19.94	3.98	65.0	± 9.6 %
-		Y	7.31	77.83	21.49		65.0	
10252-	LTE-TDD (SC-FDMA, 50% RB, 10 MHz,	Z	5.69	74.26	19.87	0.00	65.0	
CAD	QPSK)	X	7.81	82.79	23.08	3.98	65.0	± 9.6 %
-		Y	11.09	88.26	25.20		65.0	
10253-	LTE-TDD (SC-FDMA, 50% RB, 15 MHz,	Z	7.35	82.26	23.04	0.00	65.0	
CAD	16-QAM)	X	6.02	73.87	20.02	3.98	65.0	± 9.6 %
		Y	7.15	76.53	21.33		65.0	
10254-	LTE-TDD (SC-FDMA, 50% RB, 15 MHz,	Z	5.76	73.39	19.91		65.0	
CAD	64-QAM)	X	6.41	74.89	20.77	3.98	65.0	± 9.6 %
-		Y	7.57	77.46	22.02		65.0	1
		Z	6.13	74.39	20.66		65.0	

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10255- CAD	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	х	6.95	78.78	21.87	3.98	65.0	± 9.6 %
	and and	Y	8.80	82.37	23.35		65.0	-
		Z	6.59	78.27	21.78		65.0	
10256- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	X	4.69	71.51	15.31	3.98	65,0	± 9.6 %
		Y	6.81	76.30	17.77	10	65.0	
		Z	4.50	71.34	15.32		65.0	-
10257- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	х	4.47	70.51	14.76	3.98	65.0	± 9.6 %
1.1.1.1.1		Y	6.44	75.12	17.21		65.0	-
C 100 C 100 C		Z	4.29	70.34	14.77	1000	65.0	
10258- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	x	4.06	72.26	15.82	3.98	65.0	± 9.6 %
		Y	7.18	80.25	19.65		65.0	
		Z	3.95	72.43	16.05		65.0	
10259- CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	X	5.72	75.25	19.37	3.98	65.0	± 9.6 %
		Y	7.37	79.06	21.29		65.0	
		Z	5.47	74.94	19.38		65.0	
10260- CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	x	5.72	74.91	19.23	3.98	65.0	± 9.6 %
		Y	7.31	78.59	21.12		65.0	
		Z	5.48	74.60	19.24		65.0	1000
10261- CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	X	7.27	81.87	22.09	3.98	65.0	±9.6 %
		Y	10.93	88.24	24.66		65.0	
		Z	6.86	81.50	22.12	1	65.0	In the second
10262- CAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	X	6.37	77.12	21.30	3.98	65.0	± 9.6 %
		Y	7.95	80.56	22.90		65.0	
		Z	6.05	76.62	21.23		65.0	1
10263- CAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	x	5.94	74.67	19.93	3.98	65.0	± 9.6 %
		Y	7.30	77.80	21.49		65.0	1
		Z	5.68	74.24	19.86		65.0	1.1.1.1.1
10264- CAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	x	7.72	82.55	22.97	3.98	65.0	± 9.6 %
		Y	10.95	88.00	25.09		65.0	
		Z	7.26	82.02	22.93		65.0	
10265- CAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	x	6.14	74.37	20.28	3.98	65.0	± 9.6 %
		Y	7.36	77.20	21.61		65.0	
C 10 C 10		Z	5.87	73.89	20.17		65.0	1
10266- CAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	X	6.57	75.48	21.12	3.98	65.0	± 9.6 %
		Y	7.80	78.16	22.36		65.0	
1		Z	6.28	74.97	21.00		65.0	-
10267- CAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	X	7.27	79.38	21.91	3.98	65.0	± 9.6 %
		Y	9.30	83.06	23.38		65.0	
		Z	6.92	78.93	21.85		65.0	
10268- CAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	X	6.75	74.24	20.68	3.98	65.0	± 9.6 %
		Y	7.82	76.54	21.74		65.0	
		Z	6.49	73.77	20.56		65.0	20.000
10269- CAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	X	6.72	73.83	20.55	3.98	65.0	± 9.6 %
-		Y	7.73	76.02	21.58		65.0	
		Z	6.46	73.36	20.43		65.0	
10270- CAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	X	6.94	76.39	20.90	3.98	65.0	± 9.6 %
		Y	8.26	78.95	21.97		65.0	12
		Z	6.65	75.97	20.82		65.0	

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10274- CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	X	2.40	65.55	14.34	0.00	150.0	± 9.6 %
-		YZ	2.55	66.36	15.12		150.0	
10275- CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	X	2.40 1.37	65.52 65.59	14.34 13.82	0.00	150.0 150.0	± 9.6 %
UAD	1(6)0.47	Y	1.57	67.69	15.34		150.0	
		Z	1.37	65.56	13.81		150.0	
10277- CAA	PHS (QPSK)	x	2.46	62.30	7.92	9.03	50.0	±9.6 %
		Y	2.99	63.83	9.17	1.	50.0	1
		Z	2.33	62.06	7.69		50.0	
10278- CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	×	4.98	72.46	15.62	9.03	50.0	± 9.6 %
		Y	8.77	80.80	19.53		50.0	
10070		Z	5.06	73.09	15.89		50.0	-
10279- CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	×	5.10	72.72	15.78	9.03	50.0	± 9.6 %
		Y	8.97	81.08	19.68	-	50.0	
40000		Z	5.19	73.36	16.06		50.0	
10290- AAB	CDMA2000, RC1, SO55, Full Rate	X	0.97	64.08	10.61	0.00	150.0	±9.6 %
		Y	1.37	68.00	13.49		150.0	-
10001		Z	0.98	64.13	10.68		150.0	
10291- AAB	CDMA2000, RC3, SO55, Full Rate	х	0.58	62,04	9.17	0.00	150.0	± 9.6 %
		Y	0.77	65.07	11.88	-	150.0	
10292-	CD140000 000 0000 5 10 1	Z	0.58	62.07	9.23		150.0	
AAB	CDMA2000, RC3, SO32, Full Rate	х	0.64	63.79	10.46	0.00	150.0	± 9.6 %
		Y	0.99	69.13	14.24		150.0	
10293-		Z	0.64	63.81	10.51		150.0	
AAB	CDMA2000, RC3, SO3, Full Rate	X	0.81	66.57	12.32	0.00	150.0	± 9.6 %
		Y	1.56	75.54	17.45		150.0	
10295-	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	ZX	0.81	66.55	12.35	0.00	150.0	.0.0.04
AAB	CDIVIA2000, RC1, SOS, 1/8/1 Rate 25 IF.	Y	13.93	88.13	24.57	9.03	50.0	± 9.6 %
-		Z	12.03	91.96 89.02	26.60		50.0	
10297-	LTE-FDD (SC-FDMA, 50% RB, 20 MHz,	X	2.43	67.83	24.99	0.00	50.0	
AAC	QPSK)	Y	2.43	69.51	15.42	0.00	150.0 150.0	± 9.6 %
-		Z	2.43	67.81	15.41		150.0	
10298- AAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	X	1.17	64.21	11.42	0.00	150.0	± 9.6 %
		Y	1.51	67.23	13.79		150.0	
		Z	1.18	64.25	11.49		150.0	
10299- AAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	x	2.14	67.38	12.81	0.00	150.0	± 9.6 %
1.1.1.1		Y	2.87	70.55	14.69		150.0	
		Z	2.09	67.00	12.62		150.0	
10300- AAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	х	1.64	63.53	10.15	0.00	150.0	±9.6 %
		Y	2.07	65.55	11.64		150.0	
		Ζ	1.63	63.41	10.08		150.0	
10301- AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	х	4.80	65.91	17.41	4.17	50.0	± 9.6 %
		Y	5.18	67.15	18.29	P.5	50.0	
10000		Z	4.75	65.66	17.30		50.0	
10302- AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols)	x	5.25	66.32	18.01	4.96	50.0	±9.6 %
		Y	5.53	67.15	18.67		50.0	
		Z	5.21	66.16	17.95		50.0	

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10303- AAA	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	X	5.02	66.03	17.86	4.96	50.0	±9.6 %
	10/01/2, 0402/01, 10007	Y	5.30	66.93	18.58		50.0	
-		Z	4.98	65.85	17.79		50.0	
10304- AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	X	4.79	65.79	17.29	4.17	50.0	±9.6 %
001	100012, 010000	Y	5.06	66.59	17.94		50.0	
		Z	4.76	65.63	17.23	-	50.0	
10305-	IEEE 802.16e WiMAX (31:15, 10ms,	X	4.90	69.87	20.22	6.02	35.0	± 9.6 %
AAA	10MHz, 64QAM, PUSC, 15 symbols)		1.00	00.07		0.02	0010	
		Y	5.31	71.48	21.54		35.0	
		Z	4.75	69.22	19.95		35.0	
10306- AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)	x	4.99	68.00	19.55	6.02	35.0	±9.6 %
		Y	5.28	69.01	20.47		35.0	
		Z	4.90	67.60	19.37		35.0	
10307-	IEEE 802.16e WIMAX (29:18, 10ms,	X	4.92	68.28	19.55	6.02	35.0	± 9.6 %
AAA	10MHz, QPSK, PUSC, 18 symbols)	Y	5.25	69.46	20.56	029680	35.0	3.42.41
		Z	4.82	67.84	19.36		35.0	
10308-	IEEE 802.16e WiMAX (29:18, 10ms,	X	4.82	68.59	19.36	6.02	35.0	± 9.6 %
AAA	10MHz, 16QAM, PUSC)			10000		0.02		1 9.0 70
		Y	5.26	69.83	20.78		35.0	
10110		Z	4.82	68.12	19.53	0.00	35.0	
10309- AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols)	X	5.04	68.19	19.68	6.02	35.0	±9.6 %
_		Y	5.35	69.29	20.64		35.0	
		Z	4.95	67.79	19.50		35.0	
10310- AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols)	X	4.96	68.14	19.55	6.02	35.0	± 9.6 %
		Y	5.25	69.19	20.50		35.0	-
		Z	4.87	67.72	19.37		35.0	
10311- AAC	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	X	2.77	67.21	15.18	0.00	150.0	± 9.6 %
		Y	3.07	68.80	16.10		150.0	
		Z	2.77	67.19	15.17		150.0	
10313- AAA	iDEN 1:3	X	4.50	74.82	16.72	6.99	70.0	± 9.6 %
		Y	8.14	81.70	19.31		70.0	
		Z	4.21	74.79	16.81	1.000	70.0	
10314- AAA	IDEN 1:6	x	6.62	83.57	22.82	10.00	30.0	± 9.6 %
		Y	15.63	96.40	26.94		30.0	
		Z	6.51	84.13	23.15		30.0	
10315- AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	X	1.00	62.64	14.01	0.17	150.0	± 9.6 %
		Y	1.09	64.02	15.23		150.0	1
1		Z	0.99	62.54	13.97		150.0	11.1.1.1
10316- AAB	IEEE 802,11g WiFi 2.4 GHz (ERP- OFDM, 6 Mbps, 96pc duty cycle)	X	4.44	66.34	15.98	0.17	150.0	±9.6 %
-		Y	4.58	66.68	16.29		150.0	
1000		Z	4.45	66.32	15.98		150.0	
10317- AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	X	4.44	66.34	15.98	0.17	150.0	± 9.6 %
	Part of the server of size	Y	4.58	66.68	16.29		150.0	
		Z	4.45	66.32	15.98		150.0	
10400- AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)	X	4.51	66.55	15.91	0.00	150.0	±9.6 %
		Y	4.66	66.92	16.21		150.0	
		Z	4.52	66.54	15.91	S	150.0	
10401- AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)	X	5.26	66.85	16.18	0.00	150.0	± 9.6 %
		Y	5.36	67.11	16.38		150.0	
		Z	5.27	66.86	16.18		150.0	

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10402- AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	X	5.49	67.07	16.16	0.00	150.0	± 9.6 %
		Y	5.61	67.41	16.38		150.0	
		Z	5.50	67.07	16.16		150.0	
10403- AAB	CDMA2000 (1xEV-DO, Rev. 0)	X	0.97	64.08	10.61	0.00	115.0	± 9.6 %
		Y	1.37	68.00	13.49		115.0	
	at Automatication and the All	Z	0.98	64.13	10.68		115.0	
10404- AAB	CDMA2000 (1xEV-DO, Rev. A)	X	0.97	64.08	10.61	0.00	115.0	± 9.6 %
		Y	1.37	68.00	13.49		115.0	
		Z	0.98	64.13	10.68		115.0	-
10406- AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	x	30.79	107.36	27.23	0.00	100.0	±9.6%
		Y	100.00	120.16	29.82		100.0	-
		Z	19.65	100.98	25.49		100.0	
10410- AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	x	100.00	124.91	31.71	3.23	80.0	± 9.6 %
		Y	100.00	121.32	30.41		80.0	
		Z	100.00	125.61	31.93	1 m	80.0	
10415- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	x	0.92	61.75	13.36	0.00	150.0	± 9.6 %
		Y	0.98	62.81	14.44		150.0	-
		Z	0.92	61.72	13.35	1	150.0	1.
10416- AAA	IEEE 802.11g WiFi 2.4 GHz (ERP- OFDM, 6 Mbps, 99pc duty cycle)	x	4.37	66.26	15.86	0.00	150.0	± 9.6 %
		Y	4.50	66.58	16.15		150.0	
	A CONTRACT OF A	Z	4.38	66.25	15.86		150.0	
10417- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	×	4.37	66.26	15.86	0.00	150.0	± 9.6 %
		Y	4.50	66.58	16.15	1	150.0	-
10110		Z	4.38	66.25	15.86		150.0	
10418- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	X	4.36	66.42	15.89	0.00	150.0	± 9.6 %
		Y	4.49	66.74	16.17		150.0	-
-		Z	4.37	66.40	15.88		150.0	
10419- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	×	4.38	66.37	15.89	0.00	150.0	± 9.6 %
		Y	4.51	66.69	16.17		150.0	-
		Z	4.39	66.35	15.89		150.0	
10422- AAB	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	X	4.50	66.38	15.91	0.00	150.0	± 9.6 %
		Y	4.63	66.69	16.18		150.0	-
		Z	4.51	66.36	15.91		150.0	
10423- AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	×	4.64	66.66	16.02	0.00	150.0	± 9.6 %
1000		Y	4.79	67.00	16.30		150.0	
		Z	4.65	66.65	16.02		150.0	
10424- AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	x	4.57	66.61	15.99	0.00	150.0	± 9.6 %
		Y	4.72	66.95	16.27		150.0	
10405		Z	4.58	66.60	15.99		150.0	10.5
10425- AAB	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	x	5.19	66.94	16.22	0.00	150.0	± 9.6 %
		Y	5.31	67.25	16.45		150.0	-
10426-	IEEE 802 11p (HT Competend on Miles	Z	5.20	66.93	16.22	0	150.0	
AAB	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	X	5.21	67.03	16.26	0.00	150.0	± 9.6 %
		Y	5.32	67.28	16.46		150.0	
		Z	5.22	67.02	16.26		150.0	

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10427- AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	Х	5.21	66.94	16.22	0.00	150.0	± 9.6 %
AAD	04-QAWI	Y	5.33	67.26	16.44		150.0	
		Z	5.22	66.94	16.22		150.0	
10430- AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	X	4.02	70.30	17.56	0.00	150.0	± 9.6 %
		Y	4.18	70.49	17.96		150.0	
		Z	4.02	70.25	17.56		150.0	
10431- AAB	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	X	4.00	66.69	15.72	0.00	150.0	± 9.6 %
		Y	4.18	67.12	16.13		150.0	
		Z	4.01	66.67	15.72		150.0	
10432- AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	х	4.33	66.63	15.89	0.00	150.0	± 9.6 %
_		Y	4.48	67.00	16.21		150.0	
10100		Z	4.33	66.61	15.89		150.0	
10433- AAB	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	X	4.58	66.64	16.01	0.00	150.0	±9.6 %
		Y	4.73	66.99	16.29	_	150.0	
10434-	IN COMA (DO Tank Martin of DOCT	Z	4.59	66.63	16.01	0.00	150.0	1000
10434- AAA	W-CDMA (BS Test Model 1, 64 DPCH)	X	4.06	70.92	17.34	0.00	150.0	± 9.6 %
		Z	4.27	71.30			150.0	
10435- AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	124.67	17.35 31.60	3.23	80.0	± 9.6 %
1410	Gr Dr, DE OUDRame-2,0,4,7,0,0)	Y	100.00	121.12	30.31	-	80.0	
-		Z	100.00	125.37	31.82		80.0	
10447- AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	x	3.24	66.36	14.69	0.00	150.0	±9.6 %
	support of	Y	3.47	67.09	15.42		150.0	
		Z	3.25	66.35	14.70		150.0	
10448- AAB	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	x	3.86	66.46	15.57	0.00	150.0	± 9.6 %
		Y	4.02	66.90	15.99		150.0	
		Z	3.86	66.45	15.58		150.0	
10449- AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	x	4.15	66.44	15.77	0.00	150.0	± 9.6 %
		Y	4.29	66.82	16.11		150.0	
		Z	4.16	66.43	15.77		150.0	
10450- AAB	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	×	4.36	66.40	15.85	0.00	150.0	± 9.6 %
		Y	4.49	66.75	16.14	1.	150.0	
10451- AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	Z X	4.37 3.07	66.38 66.27	15.84 14.09	0.00	150.0 150.0	±9.6 %
1000	Clipping 44 /0)	Y	3.35	67.23	15.01	-	150.0	
1		Z	3.09	66.28	14.12	1000	150.0	
10456- AAB	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc duty cycle)	X	6.10	67.60	16.46	0.00	150.0	±9.6 %
		Y	6.17	67.80	16.60		150.0	
	Carl Contractor -	Z	6.11	67.59	16.46		150.0	
10457- AAA	UMTS-FDD (DC-HSDPA)	х	3.68	64.94	15.56	0.00	150.0	±9.6 %
		Y	3.76	65.22	15.86		150.0	
		Z	3.68	64.92	15.56		150.0	
10458- AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	X	3.64	69.83	16.43	0.00	150.0	± 9.6 %
		Y	3.92	70.59	17.30		150.0	
40450	CDMA2000 (1+E)/ DO D- D 0	Z	3.65	69.81	16.46	0.00	150.0	± 9.6 %
10459- AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	X	4.90	68.31	17.78	0.00	150.0	19.0%
		YZ	4.99	68.05	17.92	-	150.0 150.0	-
		14	4.90	68.27	11.19		100.0	1

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10460- AAA	UMTS-FDD (WCDMA, AMR)	X	0.70	64.51	13.31	0.00	150.0	± 9.6 %
1001		Y	0.86	67.82	15.75	-	150.0	
		Z	0.70	64.47	13.28		150.0	-
10461- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	×	100.00	128.99	33.67	3.29	80.0	± 9.6 %
		Y	100.00	126.52	32.84		80.0	-
		Z	100.00	129.61	33.85		80.0	1.1.1.1.1.1.1
10462- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	x	11.24	85.71	18.56	3.23	80.0	±9.6 %
		Y	100.00	107.01	23.71		80.0	1
		Z	7.60	81.91	17.44	1.1.1.1	80.0	14. Y
10463- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	2.22	68.12	12.22	3.23	80.0	± 9.6 %
_		Y	8.52	79.99	16.22		80.0	
10/01		Z	1.89	66.79	11.65		80.0	
10464- AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	126.35	32.27	3.23	80.0	± 9.6 %
		Y	100.00	124.09	31.55		80.0	
10465-	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-	Z	100.00	126.89	32.42	0.00	80.0	
AAA	QAM, UL Subframe=2,3,4,7,8,9)	X	5.43	78.04	16.22	3.23	80.0	± 9.6 %
		YZ	61.58	101.53	22.35		80.0	
10466-	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-	X	4.13	75.48 66.23	15.36	3.23	80.0	
AAA	QAM, UL Subframe=2,3,4,7,8,9)					3.23	80.0	±9.6 %
		YZ	5.22 1.61	75.15	14.66	-	80.0	
10467- AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	65.19 126.67	10.92 32.42	3.23	80.0 80.0	± 9.6 %
1010	Gr 61(, 0E 000/18/16-2,0,4,7,0,9)	Y	100.00	124.36	31.67		80.0	-
		Z	100.00	127.22	32.57		80.0	
10468- AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	X	6.42	79.84	16.80	3.23	80.0	± 9.6 %
	1.1.1.1.1.1.1	Y	95.13	106.08	23.39	-	80.0	
		Z	4.76	76.99	15.88	-	80.0	
10469- AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	1.85	66.30	11.43	3.23	80.0	±9.6 %
		Y	5.30	75.30	14.71		80.0	
		Z	1.62	65.24	10.95		80.0	
10470- AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	x	100.00	126.70	32.42	3.23	80.0	±9.6 %
_		Y	100.00	124.39	31.67		80.0	1
10171		Z	100.00	127.26	32.58		80.0	and the second
10471- AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	х	6.33	79.66	16.73	3.23	80.0	±9.6%
		Y	93.01	105.78	23.31		80.0	
10472-		Z	4.69	76.83	15.81		80.0	
10472- AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	1.84	66.22	11.39	3.23	80.0	± 9.6 %
		Y	5.23	75.17	14.65		80.0	
10473-	LTE-TDD (SC-FDMA, 1 RB, 15 MHz,	Z	1.60	65.17	10.90	0.00	80.0	
AAC	QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	126.67	32.40	3.23	80.0	±9.6 %
		YZ	100.00	124.35	31.66	_	80.0	
10474- AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	X	6.23	127.22 79.51	32.56 16.69	3.23	80.0 80.0	± 9.6 %
		Y	89.77	105.43	23.23		80.0	
1000		Z	4.63	76.70	15.77		80.0	
10475- AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	1.83	66.18	11.37	3.23	80.0	±9.6 %
		Y	5.17	75.07	14.62		80.0	-
-		Z	1.59	65.13	10.89		80.0	-

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10477- AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	X	5.49	78.15	16.23	3.23	80.0	± 9.6 %
AAC	QAM, UL Subirame=2,3,4,7,8,9)	Y	65.26	102.05	22.44		80.0	
_		Z	4.15	75.54	15.36		80.0	
10478- AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	x	1.81	66.09	11.33	3.23	80.0	±9.6 %
		Y	5.09	74.88	14.55		80.0	
		Z	1.58	65.06	10.85		80.0	
10479- AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	х	18.48	99.99	27.17	3.23	80.0	±9.6 %
1.1		Y	22.20	101.96	27.87		80.0	
10100		Z	14.17	96.33	26.21		80.0	
10480- AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	14.09	89.36	21.95	3.23	80.0	±9.6 %
		YZ	20.63	93.88	23.53		80.0 80.0	
10481- AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	9.14	87.23 82.86	21.36 19.53	3.23	80.0	±9.6 %
74.43	04 Q/MI, 02 000//2/16-2,0,4,7,0,0)	Y	14.27	88.02	21.43		80.0	-
		Z	7.91	81.27	19.06		80.0	
10482- AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	x	2,52	69.21	14.96	2.23	80.0	± 9.6 %
		Y	5.13	78.71	19.34		80.0	
0.2		Z	2.46	69.28	15.12		80.0	
10483- AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	x	4.99	74.88	17.01	2.23	80.0	± 9.6 %
		Y	7.65	80.31	19.44		80.0	
10484-	1 TE TOD (00 EDMA 500) DD 01411	Z	4.60	74.09	16.78	0.00	80.0	1000
10484- AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.44	73.15	16.36	2.23	80.0	± 9.6 %
		Z	6.72 4.14	78.36 72.49	18.77 16.16		80.0	
10485- AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.13	72.16	17.32	2.23	80.0	± 9.6 %
10.10	Gr 610, 02 000/01/0 2,0,4,1,0,0)	Y	5.32	79.69	20.70		80.0	
		Z	3.02	71.96	17.37	1.0	80.0	
10486- AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	х	2.95	68.06	15.01	2.23	80.0	± 9.6 %
		Y	4.18	72.74	17.56		80.0	
		Z	2.88	68.00	15.09		80.0	
10487- AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	2.94	67.68	14.83	2.23	80.0	± 9.6 %
_		YZ	4.10 2.88	72.11	17.30		80.0 80.0	-
10488- AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.50	67.63 71.98	14.91 18.18	2.23	80.0	±9.6 %
		Y	4.95	77.05	20.46		80.0	
		Z	3.37	71.66	18.14		80.0	1
10489- AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	x	3.43	68.78	16.82	2.23	80.0	± 9.6 %
1.1.1		Y	4.19	71.55	18.33		80.0	-
10165		Z	3.34	68.53	16.79	0.00	80.0	
10490- AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.52	68.64	16.78	2.23	80.0	± 9.6 %
		Y Z	4.25	71.23	18.22 16.75		80.0 80.0	
10491- AAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.43	68.39 70.64	16.75	2.23	80.0	± 9.6 %
		Y	4.79	74.22	19.51	-	80.0	
		Z	3.63	70.36	17.79		80.0	
10492- AAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	×	3.79	68.16	16.96	2.23	80.0	± 9.6 %
		Y	4.41	70.27	18.11		80.0	
	the second se	Z	3.70	67.92	16.91		80.0	

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10493- AAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.85	68.05	16.92	2.23	80.0	± 9.6 %
		Y	4,46	70.06	18.03		80.0	
		Z	3.76	67.81	16.88		80.0	
10494- AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.02	71.95	18.24	2.23	80.0	± 9.6 %
		Y	5.39	76.25	20.12		80.0	1
		Z	3.90	71.68	18.20		80.0	10.00
10495- AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.82	68.49	17.15	2.23	80.0	±9.6 %
1.		Y	4.47	70.75	18.33		80.0	
		Z	3.72	68.24	17.10		80.0	
10496- AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.90	68.26	17.09	2.23	80.0	± 9.6 %
		Y	4.51	70.34	18.20		80.0	
		Z	3.81	68.02	17.05		80.0	
10497- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.64	63.93	11.45	2.23	80.0	± 9.6 %
		Y	3.48	72.94	16.17		80.0	
10100		Z	1.62	64.10	11.64		80.0	
10498- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	x	1.36	60.00	8.37	2.23	80.0	±9.6 %
-		Y	2.11	64.18	11.38		80.0	
		Z	1.34	60.00	8.46		80.0	
10499- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.38	60.00	8.24	2.23	80.0	± 9.6 %
		Y	2.00	63.38	10.85	1.00	80.0	1
		Z	1.36	60.00	8.32		80.0	
10500- AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.25	71.93	17.62	2.23	80.0	± 9.6 %
		Y	4.97	78.02	20.41		80.0	
		Z	3.13	71.66	17.62		80.0	
10501- AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	x	3.19	68.55	15.79	2.23	80.0	± 9.6 %
		Y	4.19	72.26	17.86		80.0	
		Z	3.11	68.40	15.83		80.0	11.
10502- AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	х	3.23	68.38	15.66	2.23	80.0	±9.6 %
		Y	4.22	71.98	17.69		80.0	
10000		Z	3.16	68.25	15.70		80.0	
10503- AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.45	71.77	18.08	2.23	80.0	± 9.6 %
		Y	4.88	76.80	20.35		80.0	
10001		Z	3.33	71.45	18.04		80.0	112.2
10504- AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	x	3.41	68.67	16.76	2.23	80.0	±9.6 %
		Y	4.17	71.45	18.27		80.0	
10505-	TE TOD (SC EDMA 400M DD C 111	Z	3.32	68,43	16.73		80.0	
AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	x	3.50	68.54	16.72	2.23	80.0	± 9.6 %
-		Y	4.23	71.13	18.16		80.0	-
10506-	LTE-TDD (SC-FDMA, 100% RB, 10	Z	3.41	68.30	16.69	0.00	80.0	
AAC	MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.99	71.81	18.17	2.23	80.0	± 9.6 %
		Z	5.34	76.07	20.04		80.0	
10507-	LTE-TDD (SC-FDMA, 100% RB, 10	X	3.87	71.54	18.13	0.00	80.0	
AAC	MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	×	3.80	68.43	17.11	2.23	80.0	±9.6 %
		Y	4.45	70.68	18.30		80.0	

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10508- AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	x	3.89	68.19	17.05	2.23	80.0	±9.6 %
		Y	4.50	70.26	18.15		80.0	
		Z	3.79	67.95	17.00		80.0	
10509- AAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.34	70.70	17.76	2.23	80.0	±9.6 %
		Y	5.36	73.79	19.16		80.0	
		Z	4.23	70.47	17.73		80.0	
10510- AAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	x	4.29	68.19	17,17	2.23	80.0	± 9.6 %
	and the state of the state	Y	4.88	70.06	18.13		80.0	2
		Z	4.20	67.96	17.12		80.0	
10511- AAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	х	4.35	67.98	17.12	2.23	80.0	± 9.6 %
		Y	4.91	69.72	18.03		80.0	-
		Z	4.26	67.75	17.07	1	80.0	
10512- AAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.50	72.02	18.14	2.23	80.0	± 9.6 %
		Y	5.87	75.98	19.85	-	80.0	1
		Z	4.38	71.80	18.12		80.0	
10513- AAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	x	4.18	68.39	17.24	2.23	80.0	± 9.6 %
		Y	4.80	70.47	18.29		80.0	
	and the second sec	Z	4.08	68.16	17.19		80.0	
10514- AAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	x	4.21	68.03	17.15	2.23	80.0	± 9.6 %
		Y	4.78	69.92	18.12		80.0	
		Z	4.11	67.80	17.09		80.0	
10515- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	X	0.88	61.83	13.34	0.00	150.0	± 9.6 %
		Y	0.94	62.98	14.49		150.0	1
		Z	0.88	61.80	13.32		150.0	10000
10516- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	X	0.41	64.58	12.89	0.00	150.0	± 9.6 %
	The manufacture of the best states of the second states of the	Y	0.57	70.03	16.74	1.11	150.0	
	A CONTRACT OF A CONTRACT. CONTRACT OF A CONTRACT. CONTRACT OF A CONTRACT. CONTRACT OF A CONTRACT. CONTRACT OF A CONTRACT OF A CONTRACT OF A CONTRACT. CONTRACT OF A CONTRACT OF A CONTRACT. CONTRACT OF A CONTRACT OF A CONTRACT OF A CONTRACT. CONTRACT OF A CONTRACT OF A CONTRACT OF A CONTRACT OF A CONTRACT. CONTRACT OF A CONTRACT OF A CONTRACT OF A CONTRACT. CONTRACT OF A CONTRACT OF A CONTRACT. CONTRACT OF A CONTRACT OF A CONTRACT. CO	Z	0.41	64.53	12.84	1	150.0	
10517- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	X	0.70	62.81	13.29	0.00	150.0	± 9.6 %
		Y	0.79	64.81	15.03		150.0	
		Z	0.70	62.78	13.27		150.0	10.0
10518- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	X	4.36	66.33	15.84	0.00	150.0	± 9.6 %
		Y	4.49	66.65	16.13		150.0	
		Z	4.37	66.32	15.84		150.0	
10519- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	x	4.53	66.54	15.95	0.00	150.0	± 9.6 %
		Y	4.68	66.89	16.24		150.0	
		Z	4.54	66.53	15.95		150.0	
10520- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	х	4.38	66.47	15.86	0.00	150.0	± 9.6 %
1.5		Y	4.53	66.84	16.16		150.0	
1.		Z	4.39	66.46	15.86		150.0	1
10521- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	X	4.31	66.44	15.83	0.00	150.0	± 9.6 %
		Y	4.46	66.84	16.15		150.0	
		Z	4.32	66.44	15.83		150.0	the same
10522- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	X	4.37	66.58	15.94	0.00	150.0	± 9.6 %
		Y	4.52	66.93	16.24	-	150.0	
		Z	4.38	66.57	15.94		150.0	

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10523- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	X	4.27	66.46	15.79	0.00	150.0	±9.6 %
-		Y	4.40	66.80	16.08		150.0	-
10524-	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54	Z X	4.28	66.44 66.49	15.79 15.90	0.00	150.0 150.0	± 9.6 %
AAB	Mbps, 99pc duty cycle)	Y	4.47	66.85	16.20	-	150.0	
		Z	4.32	66.48	15.90	-	150.0	
10525- AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	X	4.32	65.56	15.51	0.00	150.0	± 9.6 %
	the start st	Y	4.45	65.90	15.80		150.0	
		Z	4.33	65.54	15.51		150.0	
10526- AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	X	4.47	65.88	15.64	0.00	150.0	± 9.6 %
		Y	4.62	66.26	15.94	-	150.0	
		Z	4.47	65.87	15.64		150.0	
10527- AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	x	4.39	65.83	15.57	0.00	150.0	± 9.6 %
		Y	4.54	66.22	15.88		150.0	
to a second		Z	4.40	65.82	15.57		150.0	-
10528- AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	×	4.40	65.85	15.60	0.00	150.0	± 9.6 %
-		Y	4.56	66.24	15.91		150.0	
10500		Z	4.41	65.83	15.60		150.0	1
10529- AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	X	4.40	65.85	15.60	0.00	150.0	± 9.6 %
		Y	4.56	66.24	15.91	-	150.0	
10531- AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	Z X	4.41 4.38	65.83 65.90	15.60 15.59	0.00	150.0 150.0	± 9.6 %
	sope duty cycler	Y	4.55	66.34	15.92		150.0	
		Z	4.39	65.89	15.59		150.0	-
10532- AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)	X	4.25	65.75	15.52	0.00	150.0	±9.6 %
		Y	4.41	66.19	15.85		150.0	
	and the second sec	Z	4.26	65.74	15.52		150.0	
10533- AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	X	4.41	65.91	15.60	0.00	150.0	±9.6 %
-		Y	4.57	66.29	15.90		150.0	-
_	the search of the search of the second se	Z	4.42	65.89	15.60		150.0	
10534- AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	X	4.96	66.00	15.73	0.00	150.0	± 9.6 %
		Y	5.09	66.34	15.97		150.0	
	And the second second second second second	Z	4.97	65.99	15.73		150.0	
10535- AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	x	5.03	66.17	15.81	0.00	150.0	± 9.6 %
		Y	5.16	66.52	16.05		150.0	
	the second s	Z	5.03	66.17	15.81		150.0	
10536- AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	X	4.90	66.11	15.76	0.00	150.0	± 9.6 %
		Y	5.03	66.47	16.01		150.0	
10007		Z	4.91	66.11	15.76	-	150.0	1.1.1.1
10537- AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	X	4.95	66.08	15.75	0.00	150.0	±9.6 %
-		Y	5.08	66.43	16.00		150.0	
10538- AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	Z X	4.96 5.04	66.07 66.10	15.75 15.80	0.00	150.0 150.0	± 9.6 %
AND	some duty cycle)	Y	5.17	00 15	10.05	-	450.0	
		Z		66.45	16.05	_	150.0	-
10540-	IEEE 802.11ac WiFi (40MHz, MCS6,	X	5.04 4.97	66.09	15.80	0.00	150.0	10.0
AAB	99pc duty cycle)	Y	5.11	66.08	15.81	0.00	150.0	± 9.6 %
		Z		66.47	16.07		150.0	
		6	4.97	66.08	15.81		150.0	

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10541- AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	X	4.95	65.97	15.74	0.00	150.0	±9.6 %
(). .	cope and openal	Y	5.08	66.34	16.00		150.0	
		Z	4.95	65.97	15,74		150.0	-
10542- AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	X	5.10	66.08	15.81	0.00	150.0	± 9.6 %
_		Y	5.23	66.41	16.05		150.0	
		Z	5.11	66.07	15.81		150.0	
10543- AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)	X	5.17	66.10	15.85	0.00	150.0	±9.6 %
		Y	5.31	66.44	16.09		150.0	
	La La Solaria La Constanti de Constante	Z	5.18	66.09	15.85		150.0	
10544- AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	X	5.30	66.13	15.75	0.00	150.0	±9.6 %
		Y	5.40	66.46	15.97		150.0	
		Z	5.30	66.12	15.75		150.0	
10545- AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	X	5.48	66.56	15.92	0.00	150.0	± 9.6 %
		Y	5.59	66.86	16.12		150.0	
	a set of the set of the set of the	Z	5.49	66.55	15.92		150.0	
10546- AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)	X	5.34	66.28	15.79	0.00	150.0	±9.6 %
		Y	5.46	66.66	16.04		150.0	
		Z	5.35	66.28	15.79		150.0	
10547- AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	X	5.41	66.35	15.82	0.00	150.0	±9.6 %
		Y	5.53	66.70	16.05		150.0	
		Z	5.42	66.35	15.82		150.0	
10548- AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	X	5.62	67.15	16.20	0.00	150.0	± 9.6 %
AVAD		Y	5.76	67.56	16.45		150.0	
		Z	5.63	67.16	16.20		150.0	
10550- AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	X	5.38	66.38	15.86	0.00	150.0	± 9.6 %
		Y	5.49	66.68	16.06		150.0	
		Z	5.39	66.37	15.85		150.0	1.
10551- AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)	x	5.37	66.33	15.80	0.00	150.0	±9.6 %
		Y	5.50	66.72	16.04		150.0	
		Z	5.38	66.34	15.80		150.0	
10552- AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	X	5.30	66.20	15.73	0.00	150.0	± 9.6 %
		Y	5.41	66.53	15.95		150.0	1
		Z	5.31	66.19	15.73		150.0	
10553- AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)	X	5.37	66.20	15.77	0.00	150.0	±9.6 %
		Y	5.50	66.56	16.00		150.0	
1.1.1		Z	5.38	66.20	15.77		150.0	
10554- AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	X	5.71	66.50	15.85	0.00	150.0	± 9.6 %
		Y	5.81	66.82	16.06	_	150.0	
1		Z	5.72	66.50	15.85	1	150.0	
10555- AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	X	5.83	66.78	15.97	0.00	150.0	± 9.6 %
		Y	5.93	67.11	16.18		150.0	
		Z	5.83	66.78	15.98	1000	150.0	
10556- AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle)	X	5.85	66.84	16.00	0.00	150.0	± 9.6 %
		Y	5.95	67.16	16.20		150.0	
		Z	5.86	66.84	16.00	1	150.0	
10557- AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle)	X	5.81	66.72	15.96	0.00	150.0	± 9.6 %
		Y	5.92	67.07	16.18		150.0	1.1
		Z	5.82	66.71	15.96		150.0	

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June 26, 2018

10558- AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	x	5.85	66.86	16.05	0.00	150.0	± 9.6 %
		Y	5.96	67.22	16.27		150.0	
		Z	5.86	66.86	16.05		150.0	
10560- AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	X	5.85	66.73	16.02	0.00	150.0	±9.6 %
		Y	5.96	67.08	16.24		150.0	
		Z	5.85	66.73	16.02		150.0	
10561- AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	X	5.78	66.71	16.04	0.00	150.0	± 9.6 %
_		Y	5.88	67.05	16.26		150.0	
		Z	5.79	66.71	16.04		150.0	
10562- AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	X	5.86	66.98	16.18	0.00	150.0	± 9.6 %
		Y	6,00	67.41	16.44		150.0	
		Z	5.87	66.99	16.18		150.0	
10563- AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	x	5.96	66.91	16.11	0.00	150.0	± 9.6 %
-		Y	6.20	67.62	16.50		150.0	
	and the second sec	Z	5.97	66.93	16.12		150.0	
10564- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 9 Mbps, 99pc duty cycle)	X	4.70	66.44	16.03	0.46	150.0	±9.6 %
		Y	4.82	66.76	16.31		150.0	
100		Z	4.70	66.43	16.03		150.0	1000
10565- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 12 Mbps, 99pc duty cycle)	X	4.91	66.87	16.35	0.46	150.0	± 9.6 %
100 million 1		Y	5.05	67.19	16.62		150.0	
		Z	4.91	66.86	16.35		150.0	
10566- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 18 Mbps, 99pc duty cycle)	X	4.74	66.69	16.15	0.46	150.0	±9.6 %
		Y	4.89	67.04	16.44		150.0	
		Z	4.75	66.68	16.15		150.0	
10567- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 24 Mbps, 99pc duty cycle)	X	4.77	67.08	16.52	0.46	150.0	± 9.6 %
		Y	4.91	67.41	16.78		150.0	
		Z	4.78	67.07	16.52		150.0	
10568- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 36 Mbps, 99pc duty cycle)	X	4.65	66.47	15.92	0.46	150.0	±9.6 %
		Y	4.80	66.85	16.23		150.0	
		Z	4.66	66.47	15.92		150.0	10.000
10569- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 48 Mbps, 99pc duty cycle)	X	4.74	67.23	16.61	0.46	150.0	± 9.6 %
-		Y	4.87	67.51	16.84		150.0	
		Z	4.75	67.21	16.60	-	150.0	
10570- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 54 Mbps, 99pc duty cycle)	X	4.76	67.06	16.53	0.46	150.0	± 9.6 %
		Y	4.90	67.36	16.78		150.0	
		Z	4.77	67.05	16.53		150.0	
10571- AAA	IEEE 802.11b WIFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	X	1.10	63.42	14.47	0.46	130.0	± 9.6 %
_		Y	1.22	65.16	15.85	1.0	130.0	
		Z	1.08	63.24	14.41		130.0	
10572- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	X	1.11	63.89	14,77	0.46	130.0	±9.6 %
1		Y	1.24	65.79	16.22		130.0	
10000		Z	1.09	63.70	14.70		130.0	
10573- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	X	1.08	73.84	17.41	0.46	130.0	±9.6 %
		Y	4.49	96.37	26.07	-	130.0	1
		Z	1.00	73.13	17.22		130.0	
10574- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	X	1.13	68.08	16.84	0.46	130.0	±9.6 %
_		Y	1.43	72.28	19.34		130.0	
		Z	1.10					

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EA30V4- SN.3001	801	EX3DV4- SN:
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10575- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps, 90pc duty cycle)	х	4.50	66.27	16.10	0.46	130.0	± 9.6 %
		Y	4.63	66.61	16.40		130.0	
		Z	4.50	66.26	16.10		130.0	
10576- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 9 Mbps, 90pc duty cycle)	X	4.52	66.45	16.17	0.46	130.0	±9.6 %
		Y	4.65	66.77	16.46		130.0	
		Z	4.52	66.43	16.17		130.0	
10577- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 12 Mbps, 90pc duty cycle)	X	4.70	66.71	16.33	0.46	130.0	± 9.6 %
		Y	4.85	67.04	16.62		130.0	
		Z	4.71	66.70	16.33		130.0	
10578- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 18 Mbps, 90pc duty cycle)	х	4.60	66.85	16.43	0.46	130.0	±9.6 %
2		Y	4.75	67.20	16.72		130.0	
		Z	4.61	66.83	16.43		130.0	
10579- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 24 Mbps, 90pc duty cycle)	x	4.36	66.09	15.70	0.46	130.0	±9.6 %
		Y	4.52	66.52	16.06		130.0	
		Z	4.37	66.07	15.70		130.0	
10580- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 36 Mbps, 90pc duty cycle)	x	4.41	66.16	15.74	0.46	130.0	± 9.6 %
		Y	4.57	66.57	16.09		130.0	2
		Z	4.42	66.15	15.74		130.0	- north
10581- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 48 Mbps, 90pc duty cycle)	X	4.50	66.88	16.37	0.46	130.0	± 9.6 %
		Y	4.65	67.26	16.67		130.0	
		Z	4.51	66.86	16.37		130.0	
10582- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 54 Mbps, 90pc duty cycle)	X	4.30	65.86	15.49	0.46	130.0	±9.6 %
		Y	4.47	66.30	15.86		130.0	
-		Z	4.31	65.85	15.49		130.0	
10583- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	X	4.50	66.27	16.10	0.46	130.0	±9.6 %
		Y	4.63	66.61	16.40		130.0	
		Z	4.50	66.26	16.10		130.0	1
10584- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	X	4.52	66.45	16.17	0.46	130.0	±9.6 %
CT 100		Y	4.65	66.77	16.46		130.0	
	and the second the second the	Z	4.52	66.43	16.17		130.0	
10585- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	X	4.70	66.71	16.33	0.46	130.0	±9.6 %
	ind all and all all all all all all all all all al	Y	4.85	67.04	16.62		130.0	
		Z	4.71	66.70	16.33		130.0	
10586- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	x	4.60	66.85	16.43	0.46	130.0	± 9.6 %
		Y	4.75	67.20	16.72		130.0	
		Z	4.61	66.83	16.43		130.0	
10587- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	x	4.36	66.09	15.70	0.46	130.0	±9.6 %
		Y	4.52	66.52	16.06		130.0	
		Z	4.37	66.07	15.70		130.0	
10588- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	X	4.41	66.16	15.74	0.46	130.0	± 9.6 %
		Y	4.57	66.57	16.09		130.0	
		Z	4,42	66.15	15.74		130.0	
10589- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	Х	4.50	66.88	16.37	0.46	130.0	± 9.6 %
		Y	4.65	67.26	16.67		130.0	
		Z	4.51	66.86	16.37		130.0	
10590- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	X	4.30	65.86	15.49	0,46	130.0	±9.6 %
		Y	4.47	66.30	15.86		130.0	
		Z	4.31	65.85	15.49		130.0	

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10591- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	X	4.65	66.36	16.22	0.46	130.0	± 9.6 %
		Y	4.78	66.66	16.49		130.0	-
		Z	4.65	66.34	16.22		130.0	
10592- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	X	4.79	66.67	16.35	0.46	130.0	±9.6 %
		Y	4.93	66.99	16.62		130.0	
		Z	4.79	66.66	16.35		130.0	
10593- AAB	JEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)	×	4.70	66.55	16.21	0.46	130.0	± 9.6 %
		Y	4.85	66.90	16.51	-	130.0	
(11) (1) (1)		Z	4.71	66.54	16.21		130.0	
10594- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	X	4.76	66.73	16.38	0.46	130.0	± 9.6 %
		Y	4.91	67.07	16.66		130.0	
		Z	4.76	66.72	16.38		130.0	11.
10595- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	×	4.72	66.69	16.28	0.46	130.0	± 9.6 %
		Y	4.87	67.03	16.56		130.0	1
	in the second	Z	4.73	66.67	16.28		130.0	1
10596- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)	x	4.66	66.67	16.27	0.46	130.0	± 9.6 %
-		Y	4.81	67.03	16.56		130.0	
1442		Z	4.66	66.65	16.27		130.0	
10597- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	X	4.61	66.55	16.13	0.46	130.0	±9.6 %
		Y	4.76	66.93	16.45	-	130.0	
		Z	4.61	66.53	16.13		130.0	
10598- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)	x	4.59	66.77	16.39	0.46	130.0	± 9.6 %
-		Y	4.74	67.15	16.70		130.0	
		Z	4.60	66.76	16.39		130.0	1000
10599- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	X	5.32	66.88	16.47	0.46	130.0	± 9.6 %
		Y	5.44	67.19	16.70		130.0	1
		Z	5.33	66.88	16.48		130.0	
10600- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)	x	5.45	67.29	16.65	0.46	130.0	± 9.6 %
1.0		Y	5.56	67.56	16.85		130.0	
	and the second second second second	Z	5.45	67.29	16.66	-	130.0	
10601- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)	x	5.34	67.05	16.54	0,46	130.0	± 9.6 %
		Y	5.46	67.33	16.76		130.0	
		Z	5.35	67.04	16.55		130.0	
10602- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)	x	5.46	67.19	16.54	0.46	130.0	± 9.6 %
_		Y	5.55	67.37	16.70		130.0	
		Z	5.47	67.18	16.53		130.0	
10603- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)	X	5.52	67.44	16.80	0.46	130.0	± 9.6 %
		Y	5.63	67.66	16.97		130.0	
1000 .		Z	5.53	67.43	16.80		130.0	
10604- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)	x	5.40	67.11	16.62	0.46	130.0	±9.6 %
_		Y	5.45	67.17	16.71		130.0	
10005		Z	5.40	67.08	16.61	-	130.0	
10605- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)	X	5.45	67.23	16.67	0.46	130.0	± 9.6 %
_		Y	5.55	67.47	16.87		130.0	1
10000		Z	5.46	67.22	16.67		130.0	
10606- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	×	5.18	66.51	16.16	0.46	130.0	±9.6 %
		Y	5.31	66.84	16.41		130.0	
		Z	5.19	66.49	16.16			

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10607- AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	X	4.48	65.64	15.83	0.46	130.0	±9.6 %
		Y	4.61	65.97	16.11		130.0	
-		Z	4.49	65.63	15.83		130.0	
10608- AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)	X	4.64	66.01	15.99	0.46	130.0	±9.6 %
		Y	4.80	66.37	16.28		130.0	
-		Z	4.65	66.00	15.99		130.0	
10609- AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	X	4.54	65.84	15.81	0.46	130.0	± 9.6 %
		Y	4.69	66.23	16.12	1	130.0	
		Z	4.54	65.83	15.81		130.0	
10610- AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	x	4.59	66.00	15.98	0.46	130.0	±9.6 %
_		Y	4.74	66.38	16.28		130.0	
		Z	4.59	65.99	15.98		130.0	
10611- AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	X	4.50	65.80	15.82	0.46	130.0	± 9.6 %
		Y	4.66	66.19	16.13		130.0	
		Z	4.51	65.79	15.82	12. mm	130.0	
10612- AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	×	4.50	65.94	15.85	0.46	130.0	± 9.6 %
		Y	4.67	66.35	16.18		130.0	-
	and the second sec	Z	4.51	65.93	15.86		130.0	
10613- AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	X	4.50	65.79	15,72	0.46	130.0	± 9.6 %
		Y	4.67	66.23	16.06		130.0	
		Z	4.51	65.78	15.72		130.0	
10614- AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)	X	4.45	65.99	15.96	0.46	130.0	± 9.6 %
		Y	4.61	66.40	16.28		130.0	
		Z	4.46	65.98	15.96		130.0	
10615- AAB	IEEE 802.11ac WIFI (20MHz, MCS8, 90pc duty cycle)	X	4.50	65.64	15.59	0.46	130.0	± 9.6 %
		Y	4.66	66.04	15.92		130.0	
		Z	4.50	65.63	15.59		130.0	
10616- AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	X	5.13	66.09	16.06	0.46	130.0	±9.6 %
		Y	5.26	66.43	16.30	-	130.0	
		Z	5.14	66.09	16.06		130.0	
10617- AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	×	5.20	66.29	16.13	0.46	130.0	±9.6 %
		Y	5.32	66.60	16.36	-	130.0	
		Z	5.21	66.29	16.14		130.0	
10618- AAB	IEEE 802.11ac WIFi (40MHz, MCS2, 90pc duty cycle)	×	5.09	66.30	16.15	0.46	130.0	±9.6 %
		Y	5.21	66.61	16.38		130.0	
10015		Z	5.10	66.29	16.15	0.10	130.0	1000
10619- AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	X	5.10	66.08	15.98	0.46	130.0	± 9.6 %
-		Y	5.23	66.42	16.22		130.0	
10000		Z	5.11	66.08	15.98	0.40	130.0 130.0	± 9.6 %
10620- AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	X	5.18	66.12	16.05	0.46		1.9.0 %
-		Y	5.32	66.47	16.30	-	130.0	-
10001		Z	5.19	66.12	16.05	0.40	130.0	10.00
10621- AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	X	5.20	66.27	16.24	0.46	130.0	± 9.6 %
			5.32	66.58	16.46		130.0	-
		Z	5.20	66.27	16.25	0.46	130.0	1000
10622- AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	×	5.21	66.44	16.32	0.40	130.0	± 9.6 %

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10623- AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	×	5.08	65.93	15.93	0.46	130.0	±9.6 %
_		Y	5.21	66.29	16.19	_	130.0	
10624- AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	X	5.09 5.27	65.93 66.16	15.94 16.11	0.46	130.0 130.0	± 9.6 %
		Y	5.40	66.47	16.35		130.0	
	14 S.	Z	5.28	66.15	16.12		130.0	
10625- AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	X	5.52	66.79	16.49	0.46	130.0	±9.6 %
		Y	5.74	67.39	16.86		130.0	
		Z	5.54	66.83	16.51	-	130.0	
10626- AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)	X	5.45	66.17	16.04	0.46	130.0	± 9.6 %
		Y	5.55	66.49	16.26		130.0	
10627-	IFEE 000 44 W(E) (001411 - MOD4	Z	5.46	66.17	16.04	2.11.	130.0	
AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	X	5.69	66.77	16.30	0.46	130.0	± 9.6 %
		Z	5.78	67.03	16.49	_	130.0	
10628-	IEEE 802.11ac WiFi (80MHz, MCS2,	X	5.69 5.46	66.76 66.20	16.31	0.40	130.0	1000
AAB	90pc duty cycle)	Y	5.46	66.20	15.95 16.20	0.46	130.0	± 9.6 %
		Z	5.47	66.20	15.96	-	130.0	
10629-	IEEE 802.11ac WiFi (80MHz, MCS3,	X	5.54	66.30	15.96	0.46	130.0	± 9.6 %
AAB	90pc duty cycle)	Y	5.66	66.63	16.22	0.40	130.0	19.0 %
		Z	5.55	66.30	16.00	-	130.0	
10630- AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	X	5.89	67.55	16.62	0.46	130.0	±9.6 %
		Y	6.06	68.03	16.92		130.0	
		Z	5.91	67.58	16.64		130.0	
10631- AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	X	5.82	67.43	16.76	0.46	130.0	±9.6 %
		Y	5.97	67.86	17.02		130.0	
		Z	5.83	67.44	16.77		130.0	
10632- AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	X	5.66	66.86	16.49	0.46	130.0	± 9.6 %
-		Y	5.75	67.08	16.64		130.0	
10000		Z	5.67	66.85	16.49	-	130.0	
10633- AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	X	5.53	66.40	16.08	0.46	130.0	±9.6 %
		Y	5.65	66.74	16.31	-	130.0	
10634-		Z	5.53	66.39	16.09		130.0	
AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	X Y	5.51	66.41	16.15	0.46	130,0	±9.6 %
		Z	5.63 5.51	66.76 66.41	16.38 16.15	_	130.0	
10635- AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	X	5.38	65.73	15.53	0.46	130.0 130.0	± 9.6 %
200		Y	5.52	66.14	15.81		130.0	
		Z	5.39	65.73	15.54		130.0	
10636- AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	X	5.88	66.55	16.14	0.46	130.0	±9.6 %
		Y	5.96	66.85	16.34		130.0	
10007		Z	5.88	66.55	16.15		130.0	
10637- AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	X	6.02	66.92	16.31	0.46	130.0	±9.6 %
		Y	6.11	67.22	16.51		130.0	
10638-	IEEE 902 11co MIE: / COMULE / 1000	Z	6.03	66.93	16.32		130.0	11.1.2
AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	X	6.02	66.89	16.27	0.46	130.0	± 9.6 %
-		Y Z	6.12 6.02	67.20 66.89	16.48 16.28		130.0 130.0	

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Juno 26 2019

10639-	IEEE 802.11ac WiFi (160MHz, MCS3,	X	5.99	66.82	16.28	0.46	130.0	±9.6 %
AAC	90pc duty cycle)	N	0.00	07.45	10 50		100.0	
		YZ	6.09 6.00	67.15 66.82	16.50 16.29		130.0 130.0	
10640-	IEEE 802.11ac WiFi (160MHz, MCS4,	X	5.99	66.81	16.29	0.46	130.0	±9.6 %
10641-	90pc duty cycle)					0.40		I 9.0 %
		Y	6.10	67.17	16.45		130.0	
	IEEE 802.11ac WiFi (160MHz, MCS5,	ZX	5.99	66.82	16.23	0.40	130.0	1000
10641- AAC	90pc duty cycle)		6.05	66.80	16.24	0.46	130.0	±9.6 %
		Y	6.14	67.07	16.42	1	130.0	
10010		Z	6.06	66.80	16.24	0.40	130.0	
10642- AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	x	6.08	67.00	16.51	0.46	130.0	± 9.6 %
		Y	6.18	67.31	16.70		130.0	
10010		Z	6.09	67.00	16.51		130.0	
10643- AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	X	5.93	66.71	16.25	0.46	130.0	±9.6 %
		Y	6.02	67.01	16.46		130.0	
		Z	5.93	66.71	16.25		130.0	
10644- AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	x	6.03	67.03	16.43	0.46	130.0	±9.6 %
		Y	6.18	67.49	16.72		130.0	-
		Z	6.04	67.04	16.44		130.0	
10645- AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	X	6.17	67.10	16.43	0.46	130.0	± 9.6 %
		Y	6.47	67.97	16.92		130.0	
		Z	6.18	67.13	16.45		130.0	
10646- AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	X	19.17	110.50	37.83	9.30	60.0	± 9.6 %
		Y	100.00	147.85	47.85		60.0	
	A second s	Z	16.64	107.87	37.15		60.0	-
10647- AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	X	16.90	108.32	37.31	9.30	60.0	± 9.6 %
		Y	88.18	146.06	47.63		60.0	
		Z	14.61	105.54	36.57		60.0	
10648- AAA	CDMA2000 (1x Advanced)	X	0.50	60.79	7.93	0.00	150.0	± 9.6 %
		Y	0.64	62,89	10.17		150.0	1
		Z	0.50	60.83	7.99		150.0	
10652- AAB	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	×	3.55	66.61	16.13	2.23	80.0	± 9.6 %
		Y	3.97	68.09	17.10		80.0	1
		Z	3.49	66.41	16.10	1.000	80.0	
10653- AAB	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	x	4.10	66.10	16.44	2.23	80.0	±9.6 %
		Y	4.44	67.21	17.15		80.0	
		Z	4.04	65.91	16.40		80.0	21.1.2.2
10654- AAB	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	X	4.10	65.77	16.48	2.23	80.0	±9.6 %
		Y	4.40	66.84	17.14	1.00	80.0	
		Z	4.04	65.58	16.43		80.0	
10655- AAB	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	X	4.17	65.74	16.53	2.23	80.0	± 9.6 %
		Y	4.46	66.82	17.18	1	80.0	-
		Z	4.11	65.55	16.47		80.0	
10658- AAA	Pulse Waveform (200Hz, 10%)	X	75.07	110.20	27.10	10.00	50.0	±9.6 %
		Y	100.00	114.77	28.62		50.0	1
		Z	100.00	113.64	27.73		50.0	1
10659- AAA	Pulse Waveform (200Hz, 20%)	x	100.00	110.55	25.39	6.99	60.0	± 9.6 %
		Y	100.00	111.82	26.31		60.0	
		Z	100.00	110.88	25.38		60.0	

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10660- AAA	Pulse Waveform (200Hz, 40%)	X	100.00	107.54	22.75	3.98	80.0	±9.6 %
-		Y	100.00	110.49	24.46		80.0	
		Z	100.00	108.31	22.90	-	80.0	
10661- AAA	Pulse Waveform (200Hz, 60%)	X	100.00	104.54	20.30	2.22	100.0	±9.6 %
		Y	100.00	111.15	23.54		100.0	-
	and the second second second second	Z	100.00	104.99	20.30		100.0	
10662- AAA	Pulse Waveform (200Hz, 80%)	×	5.09	77.36	11.00	0.97	120.0	±9.6 %
		Y	100.00	111.11	21.88		120.0	
		Z	1.05	68.52	8.18		120.0	

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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