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# **Appendix B - DAE & Probe Calibration Certificate**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

Certificate No: DAE4-1260, Nov18

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#### Glossary

DAE data acquisition electronics

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

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

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## DC Voltage Measurement

A/D - Converter Resolution nominal

full range = -100...+300 mV full range = -1......+3mV High Range: 1LSB = 6.1µV, Low Range: 1LSB = 61nV, DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

Calibration Factors	x	Υ	' z
High Range	404.190 ± 0.02% (k=2)	404.604 ± 0.02% (k=2)	404.793 ± 0.02% (k=2)
Low Range	3.99161 ± 1.50% (k=2)	4.00001 ± 1.50% (k=2)	4.00892 ± 1.50% (k=2)

## Connector Angle

Connector Angle to be used in DASY system	341.5°±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	200033.72	-1.26	-0.00
Channel X + Input	20003.07	-2.10	-0.01
Channel X - Input	-20003.16	2.78	-0.01
Channel Y + Input	200038.25	3.73	0.00
Channel Y + Input	20002.41	-2.63	-0.01
Channel Y - Input	-20006.86	-0.69	0.00
Channel Z + Input	200033.80	-1.16	-0.00
Channel Z + Input	20001.51	-3.36	-0.02
Channel Z - Input	-20006.68	-0.48	0.00

Low Range	Reading (μV)	Difference (µV)	Error (%)
Channel X + Input	2001.18	0.25	0.01
Channel X + Input	200.87	-0.09	-0.04
Channel X - Input	-198.21	-0.79	-0.40
Channel Y + Input	2001.05	0.24	0.01
Channel Y + Input	199.97	-0.89	-0.44
Channel Y - Input	-199.76	-0.64	0.32
Channel Z + Input	2000.74	0.04	0.00
Channel Z + Input	199.77	-1.03	-0.51
Channel Z - Input	-200.48	-1.28	0.64

## 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	-0.90	-2.92
	- 200	4.87	2.75
Channel Y	200	-5.45	-5.41
	- 200	4.55	4.20
Channel Z	200	-16.55	-16.45
	- 200	13.88	14.44

## 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	-	0.68	-5.24
Channel Y	200	8.97		1.84
Channel Z	200	10.48	5.66	-

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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	16236	, 16097
Channel Y	15859	18057
Channel Z	16152	16351

## 5. Input Offset Measurement

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

	Average (μV)	min. Offset (μV)	max. Offset (μV)	Std. Deviation (µV)
Channel X	0.63	-0.78	1.69	0.43
Channel Y	0.10	-0.90	1.53	0.41
Channel Z	-1.03	-2.00	0.10	0.44

## 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 (+ Voc)	+7.9
Supply (- Vec)	-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	-B	9

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Certificate No: DAE4-914 Dec18 Auden

**CALIBRATION CERTIFICATE** DAE4 - SD 000 D04 BK - SN: 914 QA CAL-06.v29 Calibration procedure for the data acquisition electronics (DAE) Salibration date: December 11, 2018 This delibration continued documents the trapeability to national standards, which reside the physical units of measurements (Sit. The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate All deterations have been conducted in the closed laboratory facility, environment temperature (22 + 3)°C and transitivity < VP%-Calibration Equipment used (M&TE critical for calibration) Primary Standards Car Date (Certificate No.) Scheduled Calibration Keithley M. Himbler Type 2001 550 0810278 03-Sep-18 (No:23488) Sep-19 Secondary Standards Check Date (in house) Schoduled Check In house areas, Jan-19 Auto DAE Calibration Unit SE DWS 053 AA 1001 | 04-Jan-18 (in house check) Calibrator Box V2.1 5E UMS 006 AA 1002 04-Jan-18 (in house check) In house check: Jan-19 Femaler Eric Hairfeld Laboratory Technician Calibrated by: Approved by Sven Kühir Deputy Manager huund: December 11, 2018 This calibration cartificate shall not be reproduced except in full without written approval of the laboratory.

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#### Glossary

DAE

data acquisition electronics

Connector angle

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

coordinate system.

## Methods Applied and Interpretation of Parameters

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  - Charinal 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

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## DC Voltage Measurement

A/D - Converter Resolution nominal

High Range: 1LSB = 6.1 µV, full range = -100...+300 mV
Low Range: 1LSB = 61 nV, full range = -1......+3mV
DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec High Range:

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

		40	4.80
1DL	II.	10	M٤

	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)

ower 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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Calibration Laboratory of Schweizerischer Kalibrierdignist Schmid & Partner 9 Service suisse d'éraion Engineering AG sughausstrasse 43, 8004 Zurich, Switzerland CO-MP C Servizio avizzero di faranza S Swiss Calibration Sorvice Accedited by the Swee Accreditation Service (BAS) Accreditation No.: SCS 0108 The Swiss Accreditation Service is one of the signaturies to the EA Multilateral Agreement for the recognition of calibration certificates SGS-TW (Auden) Cammirate No. EX3-3938 Oct18 CALIBRATION CERTIFICATE Object EX3DV4 - SN-3938 DA CAL-01.V9, QA CAL 12.V9 QA CAL-14.V4, QA CAL-23.V5, QA CAL-25.V6 Calibration procedure for dosimetric E-field probes Calibration date: Oclober 24, 2018 Tries calitration certificate documents the trace-buty to national standards, which results the physical units of measurements (Si): sents and the uncertainties with confidence probability are given on the following pages and are part of the confidence All calibrations have been conducted in the closed teleprocey facility environment temperature (22 ± 3)°C and humidity < 70%. Calibration Equational used (M&TE oraios) for pastration) Primary Standards Cal Tiste (Certificate No.) Scheduled Calibration Power melet NRP SN: 104778 04-Apr-18 (Nr. 217-02672/02673) Apr-19 Power sensor MRP-ZB1 SN: 103244 04-Apr-15 (No. 217-02672) Apr-19 Power sensor NRP-Z91 SN 103245 04 Apr-18 (No. 217-02673) Apr-19 Reference 20 dB Attenuation SN: 35277 (20g) 04-Apr-18 (No. 217-02882) Apr-19 Reference Probe E330V2 SN: 3013 30-Dec-17 (No ES3-3013 Dec17) Dec-18 DAEA 5N: 680 21-Dec-17 (No. EAE4-660\_Dec17) Dec-18 Secondary Standards Check Date (in house) Scheduled Check Power mater E44198 5N: G841293874 06-Apr-16 (in house check Jun-18) In house check: Juni20 Power sensor E412A SN: MY41499087 (\$1-ms, downs second ris) 31-rqA-80 In house check: Jun 28 Power sensor E4412A SN: 000110210 08-Apr-16 (et house check Jun-18) In house check: Juni 20 RIF generator HF 86480 SN: US3842U01700 (94-Aug-99 (in house check Jun-18) In house check: Jun-20 BN: US41080477 31-Mar-14-(s) house check Oct-18) In house disea: Oct-18 Function Signa Joton Kastrati Laboratory Technician Calibrated by: Make Featings Tuesmini Manager Approved by Issued: Otlober 24, 2018 This collibration continues shall not be improduced except in his extrest writer approved of the saboratory

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Gerifficate No. EX3-3938\_OctA

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Calibration Laboratory of Schmid & Partner

Engineering AG oughaussirasse 43, 1004 Zurich, Switzulla

Assimilated by the Swiss Accreditation Service (5AS)





Softweigerocher Kalibriettlendt S Service susse d'étalorentge C Servicio svizzero di sermon Swies Calibration Sorvice

Accreditation No.: SCS 0108

The Swise Accreditation Service is one of the apprendiction to the EA Mustateral Agreement for the recognition of cultivation continuation

Glossary:

tissue simulating figurd NORMK, y.z. DCP

tasate similaring input
sensitivity in free apach
sensitivity in TSL r NCRMx.y.z
diode compression polint
great factor (1/duty\_cycle) of the RF signal
modulation dependent linearization parameters CF A, B, C, D

Prierization q o rotation around probe axis

Polanzallon 9 9 rotation around an axis that is in the plane normal to probe axis (at measurement center),

i.e., 8 = 0 is normal to probe exis

Connector Angle information used in DASY system to align procesensor K to the robot coordinate system.

Calibration is Performed According to the Following Standards:

a) IEEE Sto 1828-2013, "IEEE Recommended Practice for Determining line Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Hase from Wireless Communications Devices: Measurement.

Absorption Rate (SAR) in the Human Haad from Wireless Communications Devices: Measurement Techniques: June 2015
b) IEC 62203-1." "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
c) IEC 62209-2. "Procedure to determine the Specific Absorption Rate (SAR) for wireless dominimization devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
0) KDB 885684, "SAR Measurement Requirements for 100 MHz to 6 GHz."

## Methods Applied and Interpretation of Parameters:

NORMX,y,z, Assessed for E-field polarization (i = 0 (f < 900 MHz in TEM-cell); f < 1500 MHz; R22 waveguide: NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E-field smoothamly inside TSL (see below ConvF).

NORM(I/x,y,z = NORMx,y,z \* frequency\_response (see Frequency Response Chart). This insanzation 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,k.z: DCP and numerical linearization parameters assessed based on the balls of power sweep with CW.

signal (no uncertainty required). DCP coes not depend on frequency not media.

PAR: PAR is the Peal to Average Ralia that is not calibrated but determined besided on the signal.

characteristics

Axy, z, Bx, y, z, Cx, y, z, Dx, y, z, VRx, y, z, A, B, C, D are numerical incontration parameters assessed based on this data of power sweep for specific moduletion signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diade. ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer

Low-line advancey Emer Parameters' assessed in tell grantom using E-ried (or reimperature transfer Standard for fill 800 MHz) and inside waveguide using analytical field distributions based on power modulroments for fill 800 MHz. The same actupe are used for assessment of the parameters applied for boundary compensation (elpha, depth) of which typical unpertainty values are given. These parameters are used in DASY4 software to improve grobe accuracy close to the boundary. The sense-skylin TSL corresponding to NCRAfx,V,Z \* CorwF whereby the uncertainty corresponds to that given for CorwF. A frequency dependent CorvF is used in DASY version 4.4 and higher which allows extending the validity from # 50 MHz to ± 100 MHz. MHz

Spherical isotropy (3D clawlater from isotropy): in a field of low gradients realized using a flat premium excessed by a patch antenna.

Seasor Offset: The sensor offset corresponds to the offset of whital measurement center from this probe to join probe axis). We tolerance required.

Connector Angle: The angle is assessed using the information gamed by determining the NORMs (no uncertainty required):

Cartificate No: EX3-5036 Del18

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EXSUVA - SM:3608

Chileber 24, 2018

# Probe EX3DV4

SN:3938

Manufactured: Calibrated:

May 2, 2013 October 24, 2018

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

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EX3DV4-SN:3936

October 24, 2016

# DASY/EASY - Parameters of Probe: EX3DV4 - SN:3938

#### Basic Calibration Parameters

	Seissor X	Sensor V	Sensor Z	Une (ke2)
Noms (aV/(V/m) <sup>2</sup> ) <sup>4</sup>	0.51	0.57	0.33	£ 10.1%
DCP (mV)	103.2	100.2	107.6	4:00:100

## Modulation Calibration Parameters

nip	Communication System Name		A dB	B BVµV	E	D dB	WHO INV	Unic (k=2)
D	CW	×	0.0	0.0	10	0.00	164.0	23.5 %
		Y	0.0	0.0	1.0		174.2	
		Z	0.0	-0.0	-1:0		176.3	

Note: For details on UID parameters see Appendix.

## Sensor Model Parameters

	C1 fF	C2 IF	Q V	ms.V-3	T2 ms.V-	T3 ms	T4 V=	T5	TB
×	59.09	438.9	35.15	28.09	1.205	5.10	1.012	0.575	1.009
Y	53.22	408.3	37.24	24.25	1,457	5.10	0.000	0.765	1 813
2	46.65	332.5	32.92	15.26	1.153	4.98	2 000	0.225	

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%.

Serificate No. EX1-3936, Dions

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The inconstitute of Mart X,7,2 or not other the E<sup>1</sup>-Sent understainly date TSL (see Proper 5 are: 5).

National familiarium parameter incontrate not required.

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EX3DV4- \$N.3938

October 24, 2018

# DASY/EASY - Parameters of Probe: EX3DV4 - SN:3938

## Callbration Parameter Determined in Head Tissue Simulating Media

(MHz) <sup>†</sup>	Relative Permittivity	Conductivity (S/m)	ConvF x	ConvF Y	ComvF Z	Alpha C	Depth (mm)	Unc (k=2)
750	41.9	0.89	9.82	9.82	9,82	0.45	08.0	± 12.0%
635	41.5	0.90	9.50	9.50	9.50	0.50	0.85	± 12.0 %
900	41.5	0.97	9.25	9.25	9.25	0.33	1.04	±12.0%
1450	40.5	1 20	8.53	8.53	8.53	0.30	0.86	± 12.0 %
1750	40.1	1,37	8.32	B.32	8.32	0.36	0.50	±12.0%
1900	40.0	1.40	7,95	7.96	7.95	0.29	0.90	±12:0%
2000	40,0	1.40	7.93	7.93	7.93	0.36	0.80	±120%
2300	39.5	1.67	7,58	7.59	7.59	0.37	0.80	1120%
2450	39.2	1.80	7.17	7.17	7.17	0.38	0.83	± 12.0 %
2800	39.0	1.96	7.11	7.11	7.91	0.38	0.87	+120%
5250	35.9	4.21	5.00	5.00	5.00	0.40	1.80	± 13.1 %
5600	35.5	5.07	4.65	4,65	4,85	0:40	1.80	213.1%
6750	35.4	5.22	4.78	4.76	4.76	0.40	1.80	= 13.1 %

Findularity validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Fag= 2), user t is (estricted to ± 50 MHz. The unconstantly is the RBS of the Count constantly of colorism frequency and the uncertainty for the first section of the processor of the unconstant for the indicated frequency band. Frequency southy fellow 300 MHz is ± 10, 324, 40, 50 and 70 MHz is processed. And value 5 Cert frequency validity can be extended to ± 100 MHz.

All frequencies below 3 CHz, the aridity of insue parameters (i) and (i) and to lessed to ± 100 MHz is processor for immune as applied to measured SAR values. All frequencies along 3 GHz, the validity of issue parameters (i) and (ii) a instincted to ± 50 MHz in one control to the RSS of the Certif uncontrolly for indicated target base parameters.

ApproCept are detained during collabories. SPCAR waters the first transmission to the boundary diffect after compensation is everywhere the processor of the controlled to the parameters.

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EX3DV4-SN:3536

October 24, 2016

## DASY/EASY - Parameters of Probe: EX3DV4 - SN:3938

## Calibration Parameter Determined in Body Tissue Simulating Media

r (MHz), <sup>2</sup>	Relative Parmittivity"	Conductivity (S/m). <sup>1</sup>	GenvF X	CanvF Y	ConvF Z	Alpha <sup>tr</sup>	Depth <sup>II</sup> (mm)	Unu (k=2)
750	55.5	0.95	9.72	9.72	9.72	0.46	0.87	±12.0%
935	55.2	0.97	9.56	9:56	9.56	0.41	0.02	±12.0%
000	55.0	1,05	9.33	9.33	9.33	0.48	0.87	±120%
1450	54.0	1.30	7.98	7,98	7.98	0.32	0.90	±12.0%
1750	53.4	1.49	7.83	7.83	7.63	0.43	0.90	± 12:0 %
1900	53.3	1.52	7.52	7.52	7.52	0.33	0.96	± 12:0 %
2000	53.3	1.52	7.82	7.62	7,62	0.26	0.89	= 12.0 %
2300	52.9	1.81	7.33	7.33	7.33	0.42	U.67	± 12.0 %
2450	52.7	1.95	7.30	7.30	7:30	0.35	0.87	± 12.0 %
2600	52.5	2.18	7.15	7.15	7.16	0.33	0.95	± 12.0 %
5250	48,9	5.36	4.23	4.23	4.23	0.50	1.90	± 13.1 %
5800	48,5	5.77	3.77	3.77	3:77	0.50	1.90	± 13 1 %
6800	48.2	6.00	4.00	4.00	4.00	0.50	1.90	±13:1.9

Fraguery witably shows 302 MHz of ± 100 MHz only applies for DASY v4.4 and impret uses Prop. 21, etc. it is restricted to ± 50 MHz. The incontring is the RSS of the Const. Location in applies for DASY v4.4 and impret uses Prop. 21, etc. it is restricted to ± 50 MHz. The incontring is the RSS of the Const. Location in applies as 30, 64, 128, 150 and 220 MHz is respective. After the Strumency satisfy certified to the extended to ± 110 MHz.

All incontrops before 3 GHz, the validity of issue parameters (a are of part to be respected to ± 105 MHz and comparisonal monator is missed to ± 105 MHz and comparisonal monator is missed to ± 105 MHz and comparisonal monator is missed to the Const. All frequencies above 3 GHz, the validity of issue parameters (a and of the secondary for relicional danger (sever constructed).

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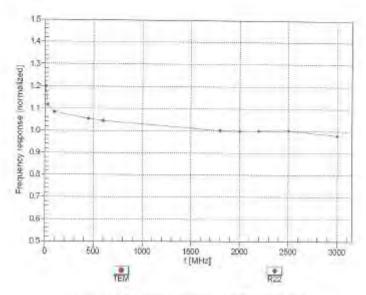
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EX3DV4- SN-3938

Oclober 24, 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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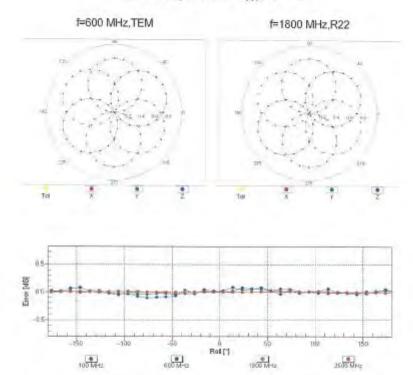


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EX3DV4-SN:3938 October 24, 2018

# Receiving Pattern (6), 9 = 0°



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

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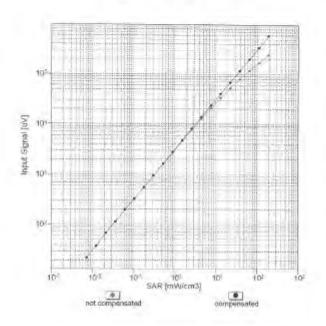
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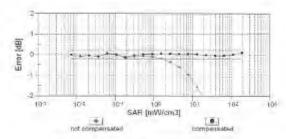
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EX3DV4- SN 3938

October 24, 2018

# Dynamic Range f(SAR<sub>head</sub>) (TEM cell , f<sub>eval</sub>= 1900 MHz)





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

Certificate No: EX3-3935\_Och18

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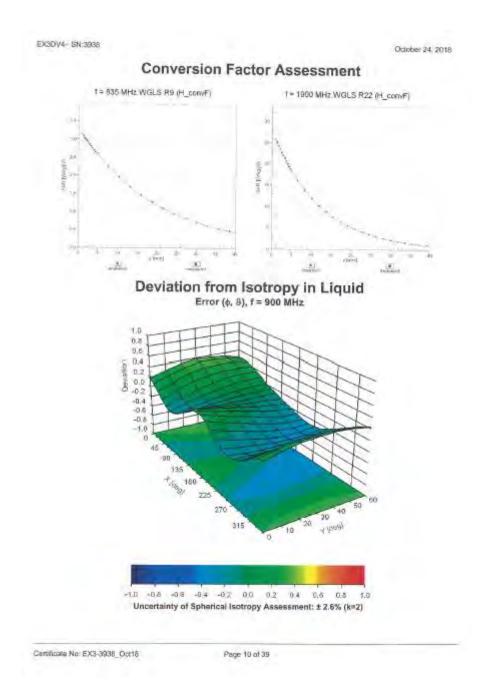
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EX3DV4- SN:3938

Databer 24, 2018

# DASY/EASY - Parameters of Probe: EX3DV4 - SN:3938

## Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (*)	-26.4
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 nm
Tip Length	9 mm
Tlp Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 rum
Probe Tip to Sensor Y Calibration Point	1 nm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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URD	Communication System Name		A	B	C	D	VID	Max.
OND	GOMMUNICATION SYSTEM MAINE		dB	XIB IN	L	48	mV	Unc*
Ű.	CW	K	0.00	0.00	7.00	0.00	164.0	±3.5 %
		Y	0.00	0.00	1.00		174.2	-5.72-0
		Z	0.00	00.00	1,00		176.3	
10010- CAA	SAR Validation (Square, 100ms, 10ms)	X	99.B4	84.28	10.03	10.00	20,0	±9.6%
		Y	4.75	72.52	14.55		20.0	
		2	2.70	65.86	10.62		20.0	
10011- CAB	UNITS-FDD (WCDMA)	K	T25	71.04	17.4B	0.00	150.0	±9.6 %
		Y.	0.87	65.19	13,50	-	150.0	
		7	1.10	59.84	16.56		150.0	-
10012- GAB	EEE 802.11b WF1 2.4 EHz (BSSS, 1 Vbps)	×	1.29	65.77	16.62	10.44	100,0	±9.6 %
	100	Y	1.13	68.67	14.74		150.0	
Section 1		Z	1.17	54.77	15.66	7.3	150.0	in the second
10013- CAE	IEEE 802,11g WHI 2.4 GHz (DSSS OFDM 6 Mbps)	×	5.08	87.01	17.40	1,46	150,0	±9.8%
		Y	4,93	66.63	17.09		150.0	
	The second second second	Z	4.79	06.72	16.84		150.0	
DAC-	GSM-FDD (TDMA, GMSK)	×	100.00	118.51	30.68	9.39.	50.0	19.6%
		Α.	100.00	117.47	30/14		50.0	
Section	Commence of the commence of th	Z	9.68	81.68	18:25		50.0	
10023- DAC	GPRS-FOD (FDMA, GMSK, TN II)	8	100:00	118.45	30.70	9.57	50.0	19,6%
		Y	100,00	117.42	30:17		50.0	
	And the second second second	Z	8.28	79.56	17.55		50.0	
10024- DAC	GPRS-FDD (TDMA, GMSK. TN.D-1)	×	100.00	116.27	28.62	6,58	60.0	196%
		Y	100.00	113:88	27.38		0.00	
		2	17.36	88:49	18.09		80.0	
10025 DAC	EDGE FOO (TDMA, BPSK, TN 0)	×	14.85	105.43	41.16	12.57	50.0	±165
		Y	5.09	80,00	50.32		50.0	
		Z	5.13	73.82	28.13	4-14	50.0	
10026- DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	×	28.61	118,31	40,38	9.56	60.0	2064
		Y	17.16	103.12	35.62		60.0	
	the second second second	Z	10.76	82.22	31,22	-	B0.0	
10027- DAC	GPRS-FDD (TDMA: GMSK, TN 0-1-2)	×	100.00	116,23	27.82	4.80	80.0	±9.6%
		4	100.00	112:20	25.80		80.0	
	The same of the sa	2	100.00	105.42	72:06		80.0	7777
10058- DVC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	X	100,00	117.55	27.68	3.50	100.0	19.8%
		Y	100.00	111 19	24.62		100.0	_
	Vivia and a set of the second and the	2	100.00	105.06	21.28	0.000	100.0	7050
10029- DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	Х	14.44	99,44	33.73	7.80	80,0	±0.63
		Y	10.38	91,48	30,82		80.0	
transie :	The second of the Total Control of the Second of the Secon	Z	6.98	83.31	26.90	Window.	0.04	L DOWN
10030- CAA	IEEE 802.15.1 Bluesooth (GFSK, DH1)	×	100.00	115.12	27.62	5.30	70.0	±989
		Y	100.00	111.80	25.93	-	70.0	-
		2	13.15	85.06	17.21	11.00	70,0	2000
10031	TEEE BUZ 15.1 Bluetonift (GFSK, DH3)	X	100,00	120.4.1	27.44	1.00	100.0	1985

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10032	THEE 802, 15.1 Bluetouth (GPSK, DH5)	X.	-100.00	129.47	29.03	1.17	100.0	196%
CAAD	terral sale or y minimum (in any origin		1562.480	120/1/	59100	2.66	100.0	200.8
		Y	100.00	10134	18 73		100.0	
	The second second second	2	100,00	104.25	18.92		100.0	
10033- GAA	IEEE 902 15 1 Bluetooth (PW-DQPSK, DH1)	×	100.00	128.D1	35.11	5.30	70.0	4865
		Y	30.26	105.06	28.70		70.0	
Jacob a	APPENDIX SELECTION OF THE PROPERTY OF THE PROP	Z	7.05	#2.85	20.36		70.0	
10034- CAA	(EEE 802,15.1 Bluesouth (PI/4-DQPSX, DH3)	8	31.62	111.52	29.65	1.88	100.0	200 W
		Y	3.38	81.70	19.61		100.0	
10035-	JEEE 802.15.1 Bluetooth /PI/4-DQPSK	X	8.76	93.74	17.43	4.79	100.0	
CAA	DH6)	V	250	74 38	24.54	1.17	100.0	1968
		2	2.45	74.78	16.51		100,0	
10036-	IEEE 802-15 1 Bluetooth (Is-DPSK, DH1)	×	100.00	128.33	35.27	+ 66	100.0	1240
CAA	THE BANKS TO SECURITY OF STATE	Y	49.56	114.02	30.85	5.30	70.0	19.6%
		2	8.65	85.86	21.44	-	70.0	
50007- CAA	IEEE 802 15.1 Binelceth (8-DPSK, DH3)	X	28,47	109.85	29.14	1.88	100.0	± 9.6 %
		V	4.63	80.08	19.28		100.0	-
	Contract of the Contract of th	2	3.50	76.20	17.05	_	100.0	
TRRS-	IEEE 102-15-1 Blustooth (8-DPSR; DH5)	X	9.40	95.18	25.08	1.17	100.0	± 9.6 %
		8	2.66	74.97	18.94		100.0	
TETET	THE PARTY OF THE P	Z	2.62	75.36	16.85		100.0	
10039- CAB	CDMA2000 (1xRTT, RC1)	×	2.91	78.68	19,30	0.00	150.0	#86%
		Ÿ	1.40	67:94	13.51		150.0	
10042-		Z	2.96	79.60	18.61		150.0	
10042 CAB	IS-54 / IS-136 FDD (TDM/UFDM, PI/4- DOPSK, Hafrale)	X	100.00	114.29	27.89	7.78	50.0	±9,6%
		Y.	100.00	112.24	26.83	-	50.0	
10044	STATE OF THE PARTY	Z	7.08	77.79	15.66		50.0	179 5
CAA	S-B1/EJA/TIA-553 FDD (FDWA, FM)	X	0.00	111.10	2.98	0.00	150.0	19.6%
		Y	0.42	121,97	13.25		150.0	
10045-	DECT (TOD TOMA/FDM, GFSK, FeIL	Z	0.02	124.98	11.44	1	150.0	
CAA	Skit, 24)	×	100.00	120.31	32.96	13.80	25.0	19.6%
		Z	28.80	98.E0 73.04	27.12	_	25.0	
10049- CAA	DECT (TDD: FUMA/FDM, GFSK, Double Skt, 12)	X	190,08	118.79	16,68	10.79	25:0 40.0	198%
-		Y	42.73	105.35	27.59		40.0	
	A CONTRACTOR OF THE PARTY OF TH	2	6.52	75.70	16.44		40.0	
10056- CAA	UMTS-TOD (TD-SCDMA, 1,28 Mcps)	×	50.92	116.40	32,89	9.03	50.0	1983
		Y	20.27	96,61	26.81		50.0	
1000%	Char chin and I/	2	6.73	81.48	20.30		50.0	
DAC	EDGE-FDD (TDMA, 8P5K TN 0-1-2-3)	3	9,49	90,34	29.75	6.55	100.0	29.0%
_		V	7.41	84.68	27.34		100.0	
10059-	IEEE 802 11h WIFI 2.4 GHz (DSSS, 2	Z	5,31	78.46	24.34		100.0	
CAS	Mips	X	1.46	88.16	17.83	0,81	110.0	±9.6 %
			124	85,28	15.84		110.0	
10000	IEEE 602.11b WIFI 2.# GHz (DSSS, 5.5	Z X	100.00	98.08	16.24	7.84	110.0	-
DAE	Mops;	Υ.	100.00	136,52	38.66	1.90	110.0	±9.6%
-		7	75.11	127.04	31.74	_	110.0	
		-			-11 /4		1100	

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10051- CAB	IEEE 802 110 WIFI 24 GHZ (DSSS, 11 Mbps)	X	87.93	122.29	34.78	2,04	110.0	±96%
		Y	7.04	91.70	25.20		110.0	
		Z	3.71	02.53	21.92		11000	
0062- CAG	IEEE 802.11ah/WFI 5 GHz (OFDM, 6. Moos)	X	4.83	66,93	15.78	0.49	100.0	1862
		Ψ.	4.65	66.44	16.40		100.0	
	The second second second second	Z	4.61	66.62	1841		100.0	
10063- CAC	(EEE 802,11a/h WiFI 5 GHz (OFDM, I) Moos)	×	4.86	87.07	16.61	0.72	100.0	+9.6%
	And the second s	Y	4.71	86.58	16.52	-	100.0	
		2	4.82	88.50	10.47		100.0	
10064- CAC	IEEE 802 11am WIFLE GHZ (OFTIM: 12 Mops)	×	5.18	67.38	17,15	0.86	100.0	±9.6%
		19.	5/02	66.91	18.79		100.0	
		Z	4.90	67.10	19.64		100.0	
10065- CAC	IEEE 802 11am WIFI 5 GHz (OFDM 18 Moosi	3.	5,07	67.37	17.90	1,21	1000	土取金世
		.Y-	4.91	66 89	T6.94		100.0	
		7	4.77	86.99	18.73		100.0	
10086- CAG	IEEE 802.118/N WIFI 5 GHz (OFDM: 24 Mbps)	X	5.11	67.44	17.51	1.46	1000	196%
	-	Y	4,95	56.98	17.15		100.0	-
	Providencial Company Company	2	4.78	86.99	15.85	1	1000	5000
10087= CAC	(EEE 802,11a/h WIFI 5 GHz (OFDM, 38 Mbps)	8	5.40	87.52	17.91	2.04	100.0	<b>土96</b> 等
	10010	TY.	5.26	67.17	17.62		100.0	
		17	5.06	87.09	17.23	1000	100.0	
10086- GAC	IEEE 802 118/h ViiE 5 GHz (OFOM, 48 Mbps)	X	5.51	57.80	18.25	2.55	100.0	±.9.E%
	100000	Ŷ	5.38	87.40	17.94		100.0	
		Z	5.11	67.14	17.41		100.0	
10069- CAC	(EEE 802-119/h W/Fr 5 GHz (CFDM) 54 Mbps)	ж	5.58	57 69	18.40	2.67	100,0	±9.5%
	1000	¥	5.44	67.37	18.13		100.0	
			5,19	67.23	17.58	_	100.0	
10071 CAB	(DSSS/OFDM, 9 Maps)	Z X	5.17	87.17	17.76	1.99	100.0	±9.8%
	The same of the sa	Y	5.05	56.81	17.46		100.0	
		Z	4.88	56.78	17.09		100.D	
10072- CAB	IEEE 802.11g Wif12.4 CHz (DSSS/OFDM, 12 Mbps).	X-	5.21	67.68	18.06	2.30	100,0	±9,8%
Mr. W	The state of the state of	Y	5.08	67.27	17.74		100.0	
	F A	Z	4.87	67.11	17.28		100.0	
10073- CAB	(EEE 802.11g WiFi 2.4 GHz (DS\$S/OFDM, 18 Mbps)	×	5.30	67.92	18.44	2.83	100.0	1965
	A STATE OF THE PARTY OF THE PAR	1.y	518	67.55	18.13		100.0	
		Z	494	67.26	17.56		100.0	
10074- GAB	IEEE 802.11g WIFI 24 GHz (DSSS/OFDM, 24 Mbos)	×	5,29	67.90	18:65	3,30	100.0	196°
		У	5.18	57.54	16.34	/	100.0	
10	the state of the s	Z	4.93	67.15	17.70		100.0	
10075- GAB	(DSSS/OFDM 36 Mbps)	×	5.40	69,28	19.10	382	20170	±1/16/3/
UND	[D999/OFDIN 30 #8008]	100	5.26	67.86	18.77		90.0	
_		Y						
+0077	IPPE NOVIA-TUPE S A HILL	2	4.98	87,33	17.99	4.15	90.0	+96%
10076 CAB	(DSSS)OFDM 48 Mbps	×	5.38	67,97	19/17	4-15	90.0	£06.0
		Y	5.29	67.64	18.88			
-	The second second second	Z	5,00	67,13	18.10	The sale	30.0	L major (ha
10077- CAB	(DSSS/OFDM, 54 Mbps)	×	5.41	88.03	19.26	4.30	300.00	#9.6%
		Y	5.32	67.72	18.98		.00.0	
		1.2	5.03	67.21	16.19		50.0	

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UIDS1-	CDMA2000 (1xRTT, RC3)	TX	1.20	70.94	15.87	0.90	150.0	1 :8.6%
CAE	71-90-100 (117-101-101-101-101-101-101-101-101-101-	-	1000	1000	1000	1900	10010	- 000 10
		Y.	0.68	63:33	10.59		150.0	
10082-	To all the location in the little in the lit	7	0.97	89.12	16.01	-	150.0	
CAB.	IS-54 / IS-136 FDO (TDMA/FDM, PV4- DQPSK, Fulfrase).	X	1.35	61.30	5,54	4.77	80.08	19.6%
		Y	1.15	60.10	5.56		80.0	
10000	Market - Earlies - Committee -	Z	0.90	60.00	4.82		80.0	
DAE	GPRS-FDD (TDMA, GMSH, TN 0-4)	×	100.00	116.34	28.67	6.06	60.0	19.6%
		Y	100.00	113.88	27.45		60.0	
10897	UMTS-FDD (HSDPA)	Z	15.50	88.08	18.81		60.0	
CAB	ONIS-FDD (HADPA)		1.98	69,10	18,76	0.00	150.0	±9.6%
		Y	1.98	66.14	14.54		150.0	
10098-	UMTS FDD (HSUPA, Subtest 2)	Z	1.92 -	69,38	16.52	1000	150.0	
GAB.	DWIS FOO (HEAPA, EURIRS) 4)	×	1.94	69.09	10.77	0.00	150.0	=96%
		- Y	1.87	86.08	14,59		150.0	
10099-	EDGE-FDD (TDMA, 8PSK, TN 0-4)	Z X	26.67	50.33	16.49	20.00	150.0	
DAC	CEDECTION (TOWN COLORS IN 194)		400.10	116.31	40.37	9.50	0.00	±96%
		Z	17.22	103.14	35.83		50,0	
10100-	LTE-F0D (SC-FDMA, 100% RB, 20	X	3.51	92.24	31 22	50.00	60.0	
CAE	MHz, QPSK)		0.00	72.21	17.62	0.00	150,0	±9.6%
		Y .	3.29	69.12	15.85		150.0	
18101-	LTE FDD (SC FDMA, 100% RB, 20	×.	3:42	71.84 68.37	17.33	-20 (00)	150,0	
CAE	MHz 16-QAMI	9		200	16.44	0.00	150.0	196%
		7	3.25	66.88 68.19	15.45		150.0	
10102- CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-DAM)	×	3.51	68.25	16.19	0.00	150.0	#96%
		1.9	3:25	65.87	15:57		150.0	-
	Section of particular to	Z	3.35	88.16	16.28		150.0	
10103 CAG	LTE-TDO (SC-FDMA, 100% RB 30 MHz, QPSK)	×	9.10	80,51	22.32	3.98	85.0	±9.6%
		Y	7.71	77.60	21.05		65.0	
		2	5.72	75.86	19.85		85.0	
10104- CAG:	MHz. 16-QAM)	×	8.36	77.67	22.00	3.98	65/0	±9.6%
		- X	7.55	75.78	21.18		65.0	
10105-	130	2	6.54	73.78	19.84		65.0	
DAG.	LTE-TOD (SC-FDMA, 100% RB, 20) MH2, 64-QAM)	X	8.22	77,35	22.27	3.98	85.0	# 9.8 %
		y	7.00	74:28	20.84		65.0	)
1201084	LTE-FDD (SC-FDMA; 100% RB, 10	Z	8.41	73.35	19.98		65.0	-
CAG	MHz, QPSK)	X	3.07.	71 32	17,44	0.00:	150.0	#9.8.%
		Y	2.58	66.37	15.87		150.0	
10109-	LTE-FDD (SC-FDMA, 100% Rtd. 10	2	2.85	71.00	17.15		150.0	
CAG	MHZ 16-DAM)	×	3,09	68.24	16.43	0.00	150.0	于自在場
		Y	2.80	66.64	45.30		150.0	
10110-	LTE-FDD (SC-FUM), 100% RB, 5 MHz.	Z X	2.92	68:15	16.17	0.00	150.0	
CAG	OPSK)	Y.	2.51	70.35	17.18	,000	150 0	土里日本
		Z	2.00	70.10	15.21		150.0	
f0111-	LTE-FOD (SC-FDMA, 198% RB, 5 MHz.	X	2.83	69.15	16.80	H Ho	150.0	-
CAG	16-QAM)	-	2.00	89 15	10.80	0.00	150.0	<b>TBB</b> #
		Y	249	67.13	15.44		150.0	

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CAG 101134 CAG 101144 CAG	MHIZ, 84-QAM)							
DAG 10114-		200		****	10.00		1000	
DAG 10114-		Y	2.93	68,85	15.39		160.0	
DAG 10114-		7	3.04	68,43	16.21		150,0	
	LTB-FDD (SC-FDMA: 100% RB; 6 MHz; 64-GAM)	X	2.88	69.16	16.96	0.00	150.0	196%
		Y	2,84	87,31	15.61		150.0	
		- 2	2.87	69.66	16.67		150.0	
town 15th	(EBE B02/11n (H1 Greenfield, 13.5 Mbps, BPSK)	X	5,21	67.32	16.54	0.00	150,0	1988
		Y	5.08	66.85	16.21		150.0	
		2	5.05	67.43	18.43		150.0	
10115- CAC	IEEE 802.11n (HT Greenfleid, B1 Mbps; 16-QAM)	Х	5.56	67.60	16.68	0.00	150.0	198 %
	Mary and	7 2	5.42	67 13	16.37		150.0	
	Acres de la companya del companya de la companya del companya de la companya de l		5.34	67.52	16.48		150.0	
10116E	(EEE 802.11rr (HT Greenfield, 135 Mbos) 64-QAM)	×	5.33	67.58	16.50	0.00	150.0	#3E%
		Y	5.19	67.09	16.26		150.0	
	Lancas and the same of the sam	2	5,15	67.61	15.44		150.0	
10117- CAC	IEEE 802.11n (HT Wixed, 13.5 Mbps, BPSK)	×	5.21	67.63	18.56	0.00	150.0	±9.6 5
		Y	5.06	66.76	16 19		150,0	
	party and the party of the same	Z	5.03	67.31	16.39		150.0	
10118- CAC	IEEE 802 11n (HT Mixed, 81 Mbcs, 16- QAM)	X	5.83	67.75	15.75	0.00	150,0	±9.6%
		Y	5.50	07.34	16.45		150.0	
		Z	5,41	67.66	16.55		150.0	-
10119- CAC	IEEE 802.11n (HT Misso, 135 Mbps, 64 QAM)	X	5,20	67.52	16.58	0,00	150,0	19,6%
		Y	5.16	67 02	16.24		159.8	
	The state of the s	Z	5.13	67.55	16.43		150.0	
10140- CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	×	3.56	68,24	16.42	3.00	150.0	2.9.6 %
		V	3.29	56.88	15.49		150.0	
	The state of the s	Z	3.39	68.15	15.19		150.0	
10141- CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	×	3.65	68,26	16.55	0.00	150.0	2963
		Y	3.42	66.99	15,68		150.0	1
		2	3.52	68.25	10.36		150.0	
10142- CAE	LTE-FDD (SC-FOMA, 100% RB, 3 MHz, IDPSK)	X	231	70.61	17,10	0,00	150 0	±969
	1	Y.	1.84	87 11	14.76		150.0	
Sec.	The state of the s	L	2,12	70.48	16.65	7	750.0	1000
10143- GAE	LFE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-DAM)	×	277	70.28	16:99	0.00	150.0	¥ 0/6/3
		Y	231	57,48	15.00		150,0	
		12	2.68	70.99	16.78		150.0	
10144- GAE	LTG-FDD (SC-FDMA, 100% RB, 2 MHz, 54-QAM)	X	2.51	67.86	15.37	0.00	150.0	+360
		Y	2.14	85.69	13.5B		150.0	
	A CONTRACTOR OF THE PARTY OF TH	2	2.29	57,65	14,87	F 807	150.0	10.00
10146- CAF	( TE-FDD (80 FDMA, 100% RB, 1.4 MHz QPSK)	8	1.73	59:60	15.10	0.00	150.0	39.64
		Y	1.11	63.66	10.90		150.0	
	TANK SHIP OUT BELLEVILLE TO SEE THE	2	1.33	67.08	12,73	0.00	150.0	4000
10146- CAF	LTE FDD (SC FDMA, 100% RS, 1.4 MHz, 16-QAM)	×	4:24	75.96	17.12	0.00	150.0	±9,63
		Y	2.41	66.71	13.46		150.0	-
Jan 75	THE PART IN A PRINT THE PARTY OF	3	2.36	66.35 81.36	19.47	0.00	150.0	±9.69
10147- DAF	LTE-FOD (SC-FOMA, 100% RB, 1.4 MHz, 84-QAM)	×	6.45			0.00	150.0	7.9.0.9
		Z	3.10	7179	14.01		150.0	-

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103.49-	LTE-FDD /SC-FDMA, 50% RB, 20 MHz	X	3.10	68.31	16.47	0.00	150.0	±9.63
CAE	16-CAM)		led a	100,000	100	Mine	100.0	- 211. 0
		W.	2.81	66.69	15.35		150.0	
		Z	2.83	68.23	16.22		150.0	
10150 CAE	LTE-FOO (SC-FDMA, 50% RB, 20 MHz, 54-QAM)	×	3.21	68.18	16.48	0.00	150.0	±9.69
		Y	2.94	66.70	15.43		150.0	1
	The second secon	Z	3.05	68.20	16.26		150.0	-
CAC	LTE-TDD (SC-FDMA, 50% RB: 20 MHz., DPSK)	×	10/13	83,77	23.67	3,98	65.0	±9.6€
		Y	8.42	80.52	22.25		65.0	
10152	THE WAY AND THE TAX AND THE PARTY AND THE PA	Z	5.89	77.61	20.59		85.0	
CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz. 16-DAM)	×	8.04	78.08	22,05	3.98	65.0	#9,63
		Y	7.13	75.91	20,98	-	55.0	
10153	THE THE COLUMN TWO IS NOT THE	Z	8.04	73.58	19.44		85.9	
CAG	LTE-TOD (SG/FDMA, 50% R9, 20 MHz, 5/F/DAM)	×	8:44	78.92	22.75	3,98	65.0	± 8.6.5
		Y	7.56	76,89	21.74		55.0	
10154-	1 SE PROPERED TO SERVICE OF THE SERVICE	Z	6.48	74.70	20.30		65.0	
CAG	LTE-FDD (SC-FDMA, 50%, RB, 10 MHz, QPSK)	×	2.59	70.97	17.50	0.00	150.0	2 9.6 9
		Y	2.12	67.77	15,47	-	150.0	
10:155-	1 80 Phile Ship Provide Coll. 10 100	Z	2.38	70.74	17.16	100	150.0	
CAR	LTE-FDID (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	×	2.83	69.15	16.90	0.00	100.0	19.61
		A.	2,49	B7:14	15.45		150.0	
10158-	USE FEMALUSON AND A PROPERTY AND A SALE	Z	-2.71	14.68	16.78		160.0	-
CAB	LTE-FDD (SC-FDMA, BUS, RB, 5 MHz, QPSK)	×	2.21	71.19	17.23	0.00	150.0	1965
		Y	1.68	67.01	14.48		180.0	
10157-	LTC EDG WAS LINET THE STATE OF	Z	2.01	74.01	16.66		160,0	
CAG	LTE-FDD (SC+DMA, 50% File 5 MHz. 16-QAM)	×	2.40	68.89	15.72	0.00	150,0	±984
		1	1.95	85.89	13.48		150,0	
10158	- Art other man emiles and an emiles	12	2.19	88.70	14.94		150,0	
CAG	LTE-FDD (SC-FDMA: 50% RB) 10 MHz. 54-DAM	X	2.96	69.22	17.01	0.00	150,0	± #.6.5
		Y .	2.65	67.36	15.65		150.0	
*Delin	The said to be seen to be a seen and the see	2	2.88	69.75	10.83	-	150.0	
10159- CAG	LTE-FOD (SC-FDMA, 50% RB, 5 MHz. 64-QAM)	×	2.54	69.44	16.05	0.00	150.0	19.69
		Y	2,05	66.31	13.77		150.0	
10160-	LTE-FDD (SC-FDMA, 50% RB, 15 MHz	2	2.34	69.42	15.34		150.0	
CAE	OPSK)	X	2.96	69.71	16.87	0.00	150.0	±86%
		X	2.62	87,87	15.60		150.0	
10161	LTE-FDD (SC-FDMA, 50% RB, 15 MHz.	Z	2.78	69.58	16.72	-	150.0	
CAE	18-CIAM)	X	3.11	68.11	16.44	0,00	150.0	19.6%
		7	2.83	66.60	15.34	_	150.0	
10162- CAE	LTE-FDD (SC-FDMA, 50% RB; 15 MHz, 64-DAM)	X	3.21	68.15	16.50	0.00	150.0 150.0	19.8%
		Y	2.94	66.74	15.46	-	150.6	
		Z	3.06	68.32	10.46	_	160.0	
10166- CAF	LTE-FOD (SC-FOMA, 50SLR)6, 1.4 MHz. OPSK)	×	4.07	71 03	19.81	3.01	150.0	+9.6%
		Y	3.79	69.95	19.36	_	150.0	_
	former or the second	2	3.80	74.36	19.76	_	150.0	

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10168- CAF	LTE-FDD (SC-FDMA, 50% R8, 1.4 MHz, 64-QAM)	X	6,05	77.17	21,98	3.01	150/3	19.6%
		4	5.30	75,09	21.09		150.0	
	Contract of the Contract of th	Z	6.36	79.86	22.71		150.0	
10169 CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz. QPSK)	X	3.85	/2.93	20.70	3.01	150,0	196%
111111111111111111111111111111111111111	30.007	-V	3.33	70.15	19.41		150.0	
		2	3.47	72.51	20.23		150.0	
10170- CAE	LTE-FDD (SC-FDMA, 1 HB; 30 MHz, 16-DAM)	K	6.37	81.48	23.72	3.01	150,0	196%
		W	4.75	78.10	21.63		150.0	
		Z	7.61	85.84	34.72		150.0	
10171- AAE	LTE-FOD (SC-FDMA, 1 RB. 20 MHz, 64-QAM)	×	4.87	75.76	20.53	3,01	150,0	±46%
		Υ.	3.87	71.72	18.83		150.0	
	Company of the Control of the Control	Z	4.54	76.13.	20.23	0.00	150.0	
10172- CAG	LTE-TDD (SC-FDMA: 1 RB, 30 MHz, QPSK)	8.	80.41	131.50	39.7E	6.02	66.0	±9.6 %
		Ar.	18.51	103.18	32.14		85.0	
		Z	14.22	97.99	29.18		05.0	
10173- CAG	I.TE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	×	100,00	127,75	36.65	6,02	85.0	Ŧ36.4F
		19:	30.31	107.15	31.45		65.0	
	and the second s	Z	25.08	102.02	28.13		85.0	
10174 CAG	LTE-TOO (SC-FOMA, 1 RB; 20 MHz; 64-QAM)	×	60.73	116.92	33.35	6.02	88.0	± 9.6 %
	1	Y	21.78	99.84	28.80		05.0	
		I	17 08	94.57	25.40	No.	55.0	
10176- GAG	LTE-FOD (SC-FOMA: 1 RR, 10 MHz. QPSK)	×	3,78	72.50	20.41	3.01	150,0	±9.6%
	1707	N.	3.29	69.80	19 15		150.0	
		Z	3.40	71.98	19.88		150.0	
10176- CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz) 16-QAMI	X	6.38	91.51	23.73	3.01	150.0	19.5%
-	1	Y	4.76	78.42	21.65		150.0	
		Z	7.03	95.08	24,74		150.0	
10377- CAI	LTE-FDD (8C-FDMA 1 RB, 5 MHz. GPSK)	×	3.82	72.71	20.53	3.01	150.0	± 9.6 %
and a	and saving	Y	3.32	66.97	19.25		150.0	
		2	3.44	72.23	20.02		150.0	
10178- CAG	LTE-FRO (SC-FDMA 1 RB, 5 MHz, 16- DAM)	8	6.26	81.12	23.55	3.01	150.0	±9,6 s
W. That		Y	4.79	75.88	21.51		150:0	
	La de la	Z	0.85	84.54	24.51		150 D	
10179-	LTE-FDD (SC-FDMA, 1 RB, 10 MHz. 184-QAM)	×	5.53	78.38	21.05	3.01	150.0	±9.6%
		Y	4.26	73.73	20.08		150.0	
	7	12	5.53	80.03	22.20		150,0	
101705- DAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64- QAM)	×	4.85	75,83	20.46	3,01	150.0	1865
		N	3.85	71.83	18.78		150.0	
		12	4.51	75,97	20.14		150.0	
10101- CAE	LTE-FDD (SQ-FDMA, 1 RB, 15 MHz, QPSK)	X	3,82	72.66	20.52	3,01	150.0	+89.8
		190	3.31	69.95	19.24		150.0	
		Z	3.44	72.20	20.01	-	150.0	
101B2- CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	×	6.25	81.00	23.54	3.01	150.0	1985
	1000	¥	4.70	75.84	21.50		150.0	
		12	6.83	84.50	24.49	-	180.0	-
(0163 AAD	LTE-FDO (SC:FDMA, 1 RB, 15 MHz. 64-QAM)	-X.	4:84	75.80	20.44	3.01	150.0	1898
AAD	-301 SWINE(	-			-		10000	
1.0.00		-8-	3.85	71.51	18.77		450.0	

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10184-	LTE-FOD (SC-FOMA, 1 RB, 3 MHz.	12	3.23	1 20 24	00.0	1 100	T-156	1
CAE	QPSK)	×	3.83	72,74	20.54	3.01	150.R	19.69
	111111111111111111111111111111111111111	Y	3.32	70.00	19.27		150,0	
	The second secon	Z	3.05	72.26	20.04		150.0	
10185- CAE	LTE-FDD (SID-FDMA, 1 RB, 3 MHz. 16- QAM)	X.	6.29	81.18	23.59	3.04	150.0	±9.63
		Y.	4.72	75.91	21.53		150.0	
Ining	VERY THE RESERVE THE PROPERTY OF	2	6.86	84.63	24.55		150.0	
AAE	LTE-FDD (SC-FDMA: 1 RE), 3 MHz. 64- QAM)	×	4,86	75,68	20.48	3.01	150.0	±989
-		Y Z	3.87	71.65	18,80		150.0	
10187-	LIE-FOD (SC-FDMA, 1 RB, 1.4 MHz	X	3.84	76.04	20.17	2.22	1500	
CAF	QPSK)	^ v		72.79	20.60	3,01	150,0	±989
		7	3.33	70.05	19,33		150,8	
10188-	LTE-FDD (SC-FDMA: 1 RB, 1.4 MHz.	X	8.59	82.17	20.11	5.04	150.0	
CAF	18-CAM)	9	4.88	76.63	24.08	3.01	150.0	1969
		2	7,44	86.21	25.23		150.0	
10189 AAF	LTE-FDD (SC-FDMA, 1 R6, 1.4 MHz, 64-QAM)	X	5.01	76.28	20.81	3.01	150.0	+9.6 %
		Y	3.96	72.12	19 08		150.0	-
	Take a series of the series of	7	4.72	76.84	20:00		150.0	
TITIES-	BEE 802 11n (HT Greenfield, 6.5 Mbps; BPSK)	×	4,64	66.78	16.35	0.00	150,0	19.63
		Y.	4.48	65.22	15.91		150.0	
	the second secon	Z	4,48	66.93	16.19		150.0	
CAC.	IEEE 802 11n (HT Gruinfield, 39 Mbps. 16-CAM)	X	4.54	87 15	10.46	0.00	150.0	396%
_		Y	4.66	86.55	16.03		150.0	
10195-	OFFI PRINCIPAL TO SELECTION OF THE P	12	4 65	67.23	18.31	and the	160.0	7-1-0
CAC	IEEE 802.11n (HT Greatnfield, 85 Mbps, 84-QAM)	X	4.88	67 16	16.47	0.00	150.0	±96 %
		Y	4.70	56.58	16.05		150.0	
10190-	International Control of the Control	Z	4.69	67.26	16.32	200	150.0	100
CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSN)	ж.	4.66	88.88	16.38	0.00	150.0	±96%
		Y	4.49	68.29	15.93		150.0	
10197-	SEE 802-11/1 (MT Moord, 30 Mbps, 16-	X	4.48 4.85	88.99	16.21	4.44	100.0	
DAE	DAM)	Y	4.67	87.17	10.47	0.00	150.0	土和市場
		Z	4.66	66.58	15.04		150.0	
10198- CAC	IEEE 602 11n (HT Waed, 65 Mbps, 64- UAM)	X	4.88	67.25 67.18	16.32 16.48	0.00	150.0	± 9.6 %
- 10	Grant Control	¥	4.70	88.80	40.00		7157	
		Z	4.89	67.27	18.0€ 16.33	_	150.0	
10219- CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps; BPSK)	X	4.61	68.90	10.35	0/00	150.0 150.0	19.6%
	-64	Y	4.43	66:30	15.89		150.0	-
		7	6.43	87.01	16.10		150.0	-
10220 CAC	EEE 802.11n (HT Mired: 43:3 Mbps, 16- QAM)	X	11.85	67.15	16.47	0.00	150.0	±9.6%
		. 4	4.67	66.55	16.04		150.0	
1000-	IEEE COO 44 MILE IN THE I	2	4.65	67.22	16.31		150.0	
10221) GAG	IEEE 802:11n 7HT Mixed, 72:2 Mbps; 84- QAM)	X	4.09	67.10	16,46	0.00	160.0	398%
_		Y	4.71	66.53	16.00		150.0	
10222-	IEEE DOTAL SHIPAN A PRANT	2.1	4.70	67.20	16.31		150,0	
CAG	BPSK)	×	5.19	67.35	16.57	0.00	180;0	±9.6 %
		Y	5.03	86,77	16.18	-	760.0	

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Z 5,01 07.33 16.39

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10223- GAG	IEEE 802 11n (HT Mand, 90 Mbps, 16- QAM)	-8.	5.54	67.81	16.71	0.00	150.0	#915 W
		Y	5.35	66,99	16.32		150,0	
		2	5.29	67.45	16.47		150.0	
10224-	IEEE 802 11n (HT Moed, 150 Mbos, 64-	X	5.24	67,46	16,55	0.00	150.0	496%
CAC	GAMI	1	11,271	20,000	Locale.	- PORT	TARKET.	+0.0 M
111111		Y	5.05	66:07	16.16		150.0	
		2	5.06	67.45	18.38		150.0	
10225-	UMTS-FDO (HSPA+)	X	2.94	86.61	15.90	0.00	150.0	£9.6%
HAB	UM13-FIAZ (ROPAT)	~	2,799	-00.01	1,3 190	0.00	1,000.0	ESD W
SAID		· v	2.72	85.45	14,90	_	150.0	
		2	280	66.78	15.59		150.0	
10006-	LTE-TOD (SC-FDMA, 1 RB, 1.4 MHz.		100.00	127.97	36.79	B:02	65.0	-221
CAA.	16-GAM)	8	100.00	121.91	30.72	0.02	00.0	1887
CHUN	10-GPM)	Y	- 33.0t	108.88	32.02		85.0	
				106.85				
	THE RESERVE THE RE	2	28,60		28,88	7 100	65.0	
10227-	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz.	X	71.64	120.02	34.24	6,02	65.0	±9.6 %
CAA	64-QAM)	120		Santa de			-	
		Y	27.58	104.08	30.11		85.0	
	La ballia proposed de la constantina della const	7	21.67	98.19	26,60		65.0	
10228- CAA	LTE-TOO (SC-FDMA, 1 RB, 1.4 MHz, OPSK)	×	83,76	133.19	40.33	6.02	65.0	±9.6%
		Y.	27.23	111:37	34.65		65.0	
		Z	14.92	99.20	29.65		65.0	
10229- GAC	LTE-TOD (SC-FDMA, 1 R9, 3 MHz 16- DAM)	X	100,00	127,75	35.66	8.02	65.0	190%
artic.	Carring.	Y	30.45	107.22	31.48		65.0	
		2	25.35	102.20	25.19		65.0	
10230-	LTE-TDD (SIG-FDMA, 1 RB 3 MHz 64-	X	64.54	1102.20	33.66	6.02	65.0	196%
CAC	GAM)	-5	130,500		1000	DAL		190.9
		Y	25.87	102.71	29.64		65.0	
		X	19.55	96.45	25.81		65.0	
10231- GAG	LTE-TDD (SC-FDMA: 1 RB, 3 MHz: 'QPSK)	X	74.78	130.72	39,68	8.02	65,0	±9.6%
	120 5.00	Y	25.26	109.74	34.10		65.0	
		Z	13.84	97.69	29 10	-	65:0	
10232- CAF	LTE-TDD (SC-FDMA 1 RB, 5 MHz, 16-	X	100.00	127.76	36,88	6,02	65.0	±95 %
CAP	12000	4	30:44	107.22	31.48	_	65.0	-
			25.32	102.15	28.18		85.0	_
TORRO	THE PERSON PROPERTY AND REAL PROPERTY.	Z				8.02	85.0	+96%
10233-	LTE-TOO (SC-FDMA, 1 RB, 8 MHz, 54	×	64.74	118.10	33.67	0.02	99.0	2.9/0.56
CAF	QAMI	- 12	NE BE	184 94	200-07		DE 0	
		Y	25.65	102.71	29.64		85.0	-
		E	19.51	96.43	25.91	- 0.00	85.0	-
10234- DAF	LTE-TOD (SC-FDMA, 1 RB 5 MHz. QPSK)	×	86.79	128,16	38.87	610	650	+0.03
		Y	23.59	100,16	33,53		65.0	
		2	12.92	96.23	28.52		85.0	
10235- CAF	TE-TOD (SC FDMA, 1 HE, 10 MHz.	×	100,00	127.77	30.56	6.02	65.0	+8.6%
SAFAE	TW SW HITE	V	36.53	107.29	31,50		65.0	
		12	25.37	102.23	28.19		65.0	
10296-	LTE TDO (SC-FDMA, 1 RB, 10 MHz.	2	85.78	118.34	38.75	0.02	65.0	286%
CAF	84-QAM)		2,211,2	100	10010	0.02	85.0	2011
		Y	25.93	102.87	29.66			-
	The second secon	1.2	19.72	36.57	25.94	The control	65.0	
10237- CAF	LTE-TOD (SC-FDMA, 1 RB, (0 MHz, QPSK)	X	78.22	131 13	39.74	8.02	65.0	±9.6%
	174	Y.	25.46	109.03	34.16		65.0	
		2	13.89	87.78	29.12		65.0	
10238-	LTE-TDD (SC-FUMA, 1 RB, 15 MHz.	TX.	100:00	127.75	36 66	15.02	65.0	=9.8-9
	16-DAMI	10	100,000	10000	- 300	11, 000-	Poster.	- 40.00
CAF	15:32990	V	30.42	107.23	31.48		-65.0	
		2	25.26	102.15	28.17		65.0	

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10239 CAF	LTE-TOO (SC-FOMA, 1 RB, 15 MHz, 64-CIAM)	8	64.82	118.13	33.68	6.82	65.0	196%
		Y	25.62	102.71	29.64		65.0	
	The second secon	Z	19.45	96.40	26.90		65.0	
	LTE-TDD (SIZ-FDMA, 1 RB, 15 MHz) QPSK)	X	75.84	131 04	39,71	8,02	65.0	19.6%
		Y	25.37	109-86	34.14		65.0	
	And the second s	1.2	13.54	97.74	29.11	1	65.0	
10241- GAA	LTE-TDD (SC-FDMA, 50% RB; 1.4 MHz; 16-DAM)	8	12,34	57.77	28.06	8.98	65.0	19.6%
		Y.	10.64	84.69	26:80		55.0	
-	A COUNTY OF THE PROPERTY OF THE PARTY OF THE	Z	9.46	83.27	29.34		65.0	1
10242- CAA	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, 64-DAM)	8	11.90	86,96	27.58	6.96	65.0	738.8/
		8	9.43	82.13	25.70		65.0	
	The second secon	Z	8.88	82.07	24.81		65.0	
10243- CAA	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	×	9.29	83.62	27.37	8.88	85.0	#36%
		Y.	7.80	79.19	25,41		66.0	
JOHN T		Z	6.90	78.26	24.23	- 10.5	65.0	1000
19244- DAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	X	11.62	85.25	22.95	3,96	85.0	±98%
		¥.	9.03	111.02	21.07		65.0	
-0000	1 2000	Z	5.90	74.19	17.01		65.0	
10245- CAC	LTE-TDD (SC-FDMA, 50% PB, 3 MHz. 84-GAM)	×	11-21	84.37	22,59	3.98	65.0	19.6%
		Y	B.74	89.23	20.72		65.0	
74-12		Ż	5.76	73.60	16.72		65.0	
10246- CAC	CTE-TOD (SC-FDMA, 50% RB, 3 MHz, QPSK)	X	12.76	91.33	25.01	3.98	85.0	19.6%
		r	B.27	82.50	21.35		65.0	
		2	5.24	75.79	17.95		65.0	
DAF	LTE-TOD (SC-FUMA, 80%, RB. 5 MHz, 16 QAM)	X	8.95	80.38	21.61	3.96	65.0	196%
		Y	5.57	76.53	15.78		85.0	
		Z	5.10	72.95	17.62		85.0	
TOZAU- GAF	LTS-TOO (SC-FDMA, 50% RB, 5 MHz. 64-QAM)	×	7.96	79.46	21.43	3.66	85.0	196%
		- Y-	6.50	75.86	19.49		65.0	
	The state of the s	Z	5.09	72:45	17,30		85.0	
10248- GAF	LTE-TDO (SC-FDMA, 50% R8) 5 MHz. OPSK)	×	14.67	82.89	28.21	3.88	55.0	±9.5%
		Y	9.72	85.53	23.23		85.0	
-	A CONTRACTOR OF THE PARTY OF TH	2	6.59	78.52	20.20		85.0	
CAF	LTE-TOD (SC-FDMA, 50%-RB, 10 MHz, 16-QAM)	8	8.79	81.74	23.60	3.98	65.0	19.6 W
		Y :	7.53	78.89	22.19		65.0	
Anna 7	-	Z	6.20	76.02	20.42		65.0	
10251- CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64 QAM)	×	8/02	78.77	22.12	3.98	65.0	19,6%
		Y	7.01	76.36	20.84		65.0	
- Contractor	THE PARTY OF THE P	Z	5.03	73.77	19.14	and the	00.0	
10252) CIAF	LTE-TOD (SC/FDMA, 50% RB, 10 MHz. QPSK)	X	12.21	89.16	25,86	3.98	85.0	198%
		Y	9.34	84.33	23.56		85.0	-
VANDO	Late and location of the	2	7.06	80.06	21.46		85/0	
10253+ CAF	LTE-TDD (SC-FDMA, 90% HB, 15 MHz, 16-GAM)	X	7.75	77.29	21.77	3.98	65.0	148%
_		Y	6.93	75.28	20.72		65.0	
10254	1 TE TIME AND SHALL HAVE BEEN THE	2	5.52	73.10	19.23	5.79	65.0	
CAF	LTE-TDD (SC-FDMA, 50% RB; L5 MHz, 64-DAM)	X	8.16	78.13	22.42	3.98	66.0	=9.6 %
		4	7.34	76.22	21,42	-	85.0	
		Z	6 32	74.11	19.59	-	65.0	

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10255 CAF	LTE-TDO (SC-FOMA, 50% RB, 15 MHz, QPSK)	×	9,52	82.98	23.65	3.90	65.0	±95%
LAV.	Sar Gity	40	8.03	79.93	22.27		65.0	
		Z	6.80	77,07	20.60		65.0	
10256- DAA	LTE-TDO (SC-FDMA, 100% RB, 1.4 MHz, 10-QAM)	X	10.25	82,65	21/16	3.56	65.0	±9.5 %
1911	1 2 2 2 3 3	9	7,42	77.45	18.77		65.0	
		2	4.37	69.73	14.00		65.0	
10257- DAA	LTE-TOO (SC-FDMA, 160% RB, 1.4 MHz, 84-QAM)	×	9,67	81,35	20.60	3.95	65.0	± 5.8 %
		Y	7.07	76.36	18.24		65.0	
	Note that the second second second	2	4.27	69.13	13.71		65.0	
10258- CAA	LTE-TOD (BC-FDMA, 100% RB 1.4 MHz, QPSK)	8	71.24	87.41	23.06	3.90	65,0	+B0.5
	Y	8.32	77.62	18.86		65.0		
	The second second second second	- 2	3.88	71.18	15:20	TO SEC.	65.0	
10259- CALC	LTE-TDD (SC-FDMA, 107% RB, 3-M-IZ 16-QAM)	X	8.37	80.75	22.39	3.98	65,U	土台宣告
		Y	8.95	77.37	20.63		65.0	
0.		.2.	5,53	74.09	15,58		65.0	1.00
10260- GAC	LTE-TOD (SC-FDMA: 100% RB.3 MHz. 64-QAM)	X	8.31	80 29	22.23	3.98	65.0	1958
		Y	6.94	77.04	20,51		65.0	
	CONTRACTOR OF THE	Z	5.55	73.86	18.49		65.0	
10251- EAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, IDESK)	X	12.47	89.95	25,58	3.98	85.0	±96%
		Y	9.00	84.05	23.10		65.0	
	Laboration and the second	2	6.47	78.99	20.51	-	65.0	
10282- CAF	LTE-TOD (SC-FDMA: 100N RB: 5 MHz. 16-QAM)	×	8.78	81,65	23.56	3.98	65.0	+98%
		4	7,52	78.83	22.15		65.0	
	Control of the Control of the Control	Z	8.11	75.95	20 38	-	65.0	
10263- GAF	LTE-TOD (SC-FOMA, 100% RB, 5 MHz, 64-QAM)	x	B.81	78.76	22.12	3.98	65.0	1955
		1.7	7.00	76.35	20.83		65.0	
	Access of the second of the second	Z	5.82	73.75	19.13		65.0	
10264- CAF	LTE-TOD (SC-FDMA, 100%, RB, 5 MH2, QPSK)	X	12.07	88 92	25.56	3.95	65.0	19,6%
		1	9.25	84.71	23.58		65.0	
	Commence of the commence of the	7	7.01	79,85	21.36		65.0	
10265- CAF	LTE TOD (SC-FDMA_1009\ RB, 10 MHz 15-QAM)	X	8.04	78.09	22.05	3.38	65.0	± 8.6 %
		Y	7.18	75.91	20.07		55.0	
	The second secon	7.	6.04	73.58	19,44		65,0	
10266- CAE	LTE-TDD (SC-FDMA, 100% FB, 10 MHz, S4-QAM)	18	8.44	78.91	22.74	3.98	55.0	196%
6		Y	7.55	76.88	21.73		66.0	
		2	5.47	74.69	20.29	2.00	85.0	2655
10267- CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, OPSK)	×	10:11	83.73	23.90	.9,88	65.0	19.6%
-		Y	8,41	BD:47	22.25		85.0	
Victoria.	THE WALKEN LOWER PROPERTY OF	T.	6.87	77,57	20,57	7.04	65.0	-25
10268- CAF	LTE-TUT/(SC-FUNA, TUT9, RB, 15 MHz, 18-CAMI)	*	5.39 7.85	77 tg	21.20	7.96	85.0	= 36 %
		2	6.70	75.51	19.92		65:0	
10289-	LTE-TOD (SC-FDMA, 100%, RB, Nh	7,	H.26	76.63	21 86	9,98	65.0	#90%
CAF	MHz (L4/QAM)	×	7.68	35.00	21.07		69.0	-
	-	2	6,87	75.05	19.83		65.0	
10270-	LES TROUGH COME THE PARTY	1 ×	8.88	78.53	22:80	3.98	65.0	19.0%
10270- CAF	LTE-TOD (SQ-FDMA, 103%-RB, 16 MHz QPSK)	1	2.84	77.34		3.36	65.0	7.20.9
		Y	B.7/4	75.30	19.86		85.0	
					125/00		1 40.0	

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10274 CAB	UMTS-FDD INSUPA, Subsects, 3GPP Ref8.101	(X)	2.69	67.00	15.83	0.00	150.0	£8.6 W
		Y	2.47	65.61	14.67		150.0	
		2	2.60	67.27	15.58		150.0	
10275- CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP RelE.4)	×	1,83	70.14	16.96	0.00	150.0	18.0%
		W	1.44	06.20	74.31		150.0	
		12	1.70	69.74	16.44		150.0	
10277- CAA	PHS (QPSK)	×	3.93	66.44	11.38	9.03	50,0	± 9,6 %
		N	3.47	64.75	10.20		60.0	-
		12	2.62	62.17	7.82	-	50.0	_
1027B- CAA	PHS (QPSK, BW 884M-tz, Rolloff 0.5)	×	14.62	88.25	23,47	9.03	50.0	±9.6%
Secret		Y	7.81	78.00	18.87		50.0	
		12	4.28	69.20				
10279	PHS (QPSK, BW 884MHz, Rolloff 0.38)	×			13.78	200	50.0	
CAA	Pris (Gear, Biv sound; Rollin 0.36)	1.70	14.85	89.41	23.56	B.03	50,0	19.65
		Y	7.70	78.24	18,00		50,0	
o returns	MENTAL CONT. MICH. ST. CO.	2	4.30	69.44	13.93	1000	50.0	-
10298- AAB	COMA200U, RC1, SUBS. Full Rate	×	2.10	73,72	17,06	0.00	150.0	1983
		Y	1.20	65.83	12.24		150.0	
		2	1.79	72.49	15.56		150 0	
10201- AAE	CDMA2000, RC3, S055, Full Rate.	X	116	70.51	15.66	0.00	150,0	±90%
		Y	0.67	83.17	10.49		150.0	
	11 11 11 11 11 11 11 11 11 11 11 11 11	7	0.94	88.71	13.80		150.0	
10292-	CDMA2000, RC3, SO32, Full Rate	×	5.90	79.24	19.72	0.00		- L'0 E d
AAB	Service Floor Goda, For Nate	^	0.76		1000	0,00	150.0	± 9.6 %
			414.6	85.41	12.01		150.0.	
10290=	CONTRACTOR THE CONTRACTOR OF T	2	2.01	80.04	16.85	-	150.0	
AAB	CDMA2000, RC3, SO3, Full Rate	×	1.24	91.88	24,62	0.00	150.0	<b>主班股份</b>
		A.	0.89	68.94	14.19		150.0	
-	Control of the Contro	1.2	16.69	110.82	28.51	-	150.0	
10295- AAB	CRIMA2000, RC1, SG3, 1/89; Rate 25 fr.	×	12.27	89.06	26.50	9.03	50.0	= 0.0 %
		. Ar.	10.84	85.72	24.40		50.0	
		1.2.1	6.99	77.74	20.17		50.0	-
10297- AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, OPSK)	X	3.09	71.44	17.51	(0),00	150.IX	±9.6 %
		4	2.59	88:47	15.73		150.0	
	The same of the sa	Z	2.87	71.14		-		_
10298- AAD	LTE-FOO (SCIFDMA, 50% RB, 3 MHz, QPSK)	X	2.03	71.15	17.24	0.00	150.0	19,6%
		Y.	1.39	65.75	1291		186.0	-
		Z	1.75	70.22		_	150.0	
10296- AAD	LTE-FOD (5C-FDMA, 50% RB, 3 MHz, 16-OAM)	X	4.56	77.12	15,26 78.38	0.00	150.0	19.6%
		7	3.14	71.60	15.84		I mer e	
		2	3.75		1.00 (30.74	-	\$50.0	
10300-	LTE-FOO (SC-FOMA, 50% RB. 3 MHz.			74.00	15.70	-	150.0	
AAD	64-QAM)	X	2.97	89.66	14.52	0.80	150,0	±96 ₩
		Y	2.25	86.29	12.46		150.6	
10001-	SEE SATISFA MANAGEMENT OF THE	2	2.17	86.32	11.62		150.0	
AAA:	EEE 802,16e WIMAX (29:18, 5ms, 10MHz, CPSK, PUSC)	X	D.302	68.98	18.36	4:17	50.0	19.6%
		Y	5,22	66.88	18.11		50.0	
		2	4,67	85.61	17.38		50.0	
10302- AAA	IEEE 802 16c WMAX (29:18, 5ms, 10MHz, GPSK, PUSC, 3 CTRL symbols)	X	0.74	67,34	18.93	4.96	5010	±8.8%
		Υ .	5.58	66.87	18:46		50.0	-
		2	5.18	66.25	18.09	_		
			21.10	90.60	10.682		50.0	

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AAA.	TEEE 802 TO: WIMAX (3.1/15.6ms; 10MHz, 64QAM PUSC)	X	5.54	67.22	18:91	4:96	5070	19.6%
		75	5.37	86,70	18:39		50.0	
		Z	4.95	65.95	17.95		50.0	
10304- AAA	IEEE 802-156 WMAX (29:10, 5ms, 10MHz, 64QAM PUSC)	x	0.28	66.83	18.25	4.17	50.0	士等日落
		Y	5.10	66.29	17.74		50.0	
	to the or other second	Z	4.70	85.82	17.46		50:0	
10305- AAA	EEE 802 16a WMAX (3115; 10ms; 10MHz, 840AM, PUSC, 15 symbols)	X	5.07	72:27	22.34	5/02	35.0	\$95%
		¥	5.72	72.48	21.90	1	35.0	
		Z	4.66	68.50	20.05		35.0	
10306- AAA	TEEE 802.166 WIMAX (ZB:16, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)	X	5.47	68.37	20.21	6.02	35.0	±9.6 %
		·¥	5.52	69.50	20.64		35:0	
		Z	4.62	67.24	19 32		25.0	
10307- AAA	IEEE 802,16a WIMAX (29:18, 10ms, 16MHz, QPSK, FUSC, 18 sympols)	Х	5,58	70.12	21,19	- 6:02	35.0	±9,6 %
		8.	5.54	70.11	28.79		35.0	
	Andrew Francisco	Z	4.75	67.57	19:37		35.0	
1030B3	IEEE 802.16g WIMAX (29:16: 10ms. 10MH± 16QAM, PUSC)	X	5.58	70.46	21.39	8.02	35.0	±9.6%
		Ý	5.56	70,49	21.00		35.0	
	CONTRACT AND PROPERTY.	2	4.74	57.84	19.54		35.0	
10309- AAA	IEEE 802,16e W/MAX (29:18, 10ms, 10WHz, 16GAM, AMC 2x3, 18 symbols)	×	5.56	58,68	20.38	5.02	35.0	±0,6 %
		-Y	5.61	89.00	20.81		35.0	
		Z	4.87	87.43	19.45		35.0	
10310- AAA	IEEE 802.16c WMAX (29.18, 10ms 10MHz, QPSK, AMC 2x3, 16 symbols)	X	5.54	69.67	21.04	5.02	35.0	±9.6 %
2001	100000000000000000000000000000000000000	9	9.51	69.73	20.68		35.0	
		Z	4.78	67.38	19.33		35.0	
10211- 6AD	LTE FDD (SC FDMA, 100% R9, 15, MHz, QPSK)	X	3.47	79:67	17-10	0,00	150:0	± 9.6 %
		18	2.93	67.81	15.48		150,0	
		Z	3.26	76.40	16.86		150.0	
10313- AAA	IDEN 1:3	×	10.55	84.71	20.54	8:00	70.0	±9.6 %
10111	1	Y	5.52	75.51	16.93		70.0	
		Z	3.35	69.99	14.11		78.6	
10314- AAA	DEN CG	8.	24.93	102.67	28.79	10.00	30,0	±9.6 %
		- Y	8.40	84 46	22.81		30.0	
	The section of the section is	12	1.59	75.67	18.98	-	30.0	
10315- AAB	IEEE 802.115 WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	×	1.16	65.40	7E.44	0.17	180.0	4955
		1	1.01	63.11	14.44		150.0	
		2	1.08	64.77	15.73		150.0	
10316- AAB	IEEE IID2.11g WFI 2.4 GHz (ERP- DFDM, 8 Mbps, 96pc duly byde)	Х.	4.72	86.92	16.53	0.17	150.0	±90%
		Y	4.56	66.38	16,12		150.0	
	The state of the s	Z	4.51	66.86	16.22		150,0	
10317- 8AC	ESE 802.11a WFI 5 GHz (OFDM, 6 Maps, 9fipt duty cycle)	X	1.72	66.92	16.53	0.17	150.0	干净积点
		Y -	4.58	66.38	16.12		150.0	
		1	4.51	66.85	16.22	-	T50 0	1
10400 WAD	IEEE 802,11 to CWF (20MHz, 84-DAM) 19pc duty cycle)	X	4.84	87.20	18,45	0.00	150,0	+96%
	for the second second	Y	4.66	86.61	16.02		150.0	
	Parameter and the second	Z	4.63	67,25	18,28	-	150.0	
10401- AAD	(ESE 802,11ac:WIFI (40MHz, 84-DAM, 89pc duty cycle)	×	5.48	67:20	16.49	0.00	150.0	±9/11/2
		Y.	5.35	66.85	10.23		150.0	
		Z	5.26	67.24	16-32		150.0	

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10400	IEEE BOX 11ac WIFI (BOWH), BI-QAM	T-X	5.76	67.75	16.80	0.00	150.0	± 9.6 %
AAD	99po duty cycle)	0.00		- majoris	137.76	2100	1.354(1)	- aug 16
		Y	5.61	67.21	16.26		150.0	
		Z	5.57	67.70	18.42		150.0	1
AAE	CDMAZUBU (1xEV-OQ, Rev. 0)	X	2,10	73.72	17,08	0.00	115,0	19.6%
		Y	1,20	65.83	12.24		115.0	
	and the second s	Z	1.79	72.49	15.56	17.7	115.0	
10404 AAE	COMAZOOD (1xEV-DD, Rey, A)	X	2.10	73.72	17.06	0.00	115.0	1983
		1.8	1.20	85.83	12:24		115.0	-
	THE RESERVE AND ADDRESS OF THE PARTY OF THE	2	1.79	72.49	15.58		115.0	
AAEL	CDMA2000, RC3, SQ32, SCH3, Full Rate	×	100,00	122.19	31.29	0.00	100.0	1964
		Y.	29.24	105.80	27.50		100.0	
10/10	The same same same same	2	100 00	114.73	27.11	4	100.0	1
AAF	LTE-TDD (SIC-FDMA, 1 RB, 10 MHz, DPSR, U. Subtrame=2,3,4,7,8,6, Subtrame Cont=4)	X	100.00	121.06	30.81	3.23	80,0	£ 9.0 W
		Y	100.00	121.88	81.03		30.0	
	The second secon	2	83.71	111.58	25,89		80.0	-
10415- AAA	EEE 802.116 WFI 2.4 GHz (0855, 1 Mbpt, 99pp duly cycle)	X	1,98	53.90	15,54	0.00	150,0	± 9/6 %
		Y	0.91	61.92	13.65		150.0	
		2	0.99	63.88	15.24		150.0	
AAA	DFDM, 6 Mbps, 86pp duly cycle)	Х	4.84	65.82	16,39	0.00	150.0	198%
		X	4.48	66.26	15.97		150.0	
7-37b		-2	4.00	66.96	16,25		150.0	
10417- ANS	IEEE 802.11ah WIFI 5 GHz (OFDM, 6 Mbps, 96pc duly dyde)	8	4,84	55.82	16.39	0.00	180.72	198%
		X.1	4.45	66.28	15.87		150.0	
Maci.	IFFE DAY on Day of the Control of th	Z	4.48	86.86	16.25	4.5	1.50(0)	
AAA	IEEE 902 TTy WIFI 2.8 GHz (DSSS- OFDM, 6 Maps: 99ec duty cycle, Long preambule)	×	4.63	86,97	15,41	0.00	150.0	±06%
		V	4.47	66.40	15.97		150.0	
		Z	4.47	97.14	16.29		150.0	
10419 AAA	ELE 602 11g WFI 2.4 GHz (DSSS- QFDM, 6 Mbbs, 85pc duty cycle, Shren (reembule)	8	4.65	66.92	16.41	0.00	150.0	± 9,6 %
		1.7	4:49	66.36	15.98		150.0	-
	The second of th	- Z	4.48	67.08	16.28		150.0	
10422- 4AB	IEEE BII2,11n (HT Greenlier  7.2 Mbps. BPSK)	X	4.79	68.92	16,42	0.00	150.0	19.65
		Y	4.61	66,37	18-01		150.0	
10423	Inter and I I was a	7.	4.51	67,05	16.28		150.0	
10423- AAB	IEEE 802.11n (HT Greenfield, 43,3 Mops. 15-QAM)	X	4.58	67.29	16.55	0.00	150.0	188%
		Y	4.79	66.71	16.13		150.0	
01424-	SEE BOOK HE WITE STREET	Z	4.77	57.36	16.39	-	150.0	
AAE	ISEE 802 1 in (IAT Greenfield, 72.2 Mbps, 64-QAVI)	X	4.80	67.2A	18.52	12.001	150.0	78.0.2
		Y	4.70	66.65	18.10		150.0	
0425	IEEE 802. Tin (HT Greenfield, 15 Mbps;	2	4.69	67.32	16.37		150.0	-
ME	BPSKI	8	5.44	67.47	16,62	0.00	150.0	±8.6 %
-		Y	5.32	67.06	16.33	1	150.0	
0428	(DDC SON SEA OFF WALL LEVEL OF THE	2	5.25	67.46	16,46	100	150.0	
MB	(EEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	8	5.45	67.50	16.63	0,00	150.0	19.6%
		Y	B.32	67.06	16.33		150.0	
		2	5.26	67.50	16.46		150.0	

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EX3DV4-SN:3938

B4-QAMI

IEEE 802 11n (HT Grasphold, 150 Mbps.

TEEE 802, THE WIF (TRIWING E4-DAM)

Hilpic duty cycle)

UMTS-FOD (DC-HSDFA)

CDMA2080 /fxEV-DO, Rev. B. 2

CDMA2000 (fxEV-DO, Rev. B. 3

Report No.: E5/2019/30028

Rev: 01

October 24, 2018

196%

150.0

16,63

6.50

15.67

15.95

17:01

18.25

150.0

150.0 150.0 150.0

± 9.8 %

±8.6 %

0.00

0.00

0.00

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		V	5.53	67.04	18:33		450.0	
		Z	5.28	67.80	16.46		150.0	
10430- AAD	LTE FDD (OFOMA, 5 MHz, E TM 1.1)	×	4.44	70.94	18.55	0.00	150.0	±9.6 %
		Y	4:14	70.00	17.76		150.0	
	The state of the s	Z	4.53	72.71	19.04	200	150 0	
10431- AAD	LTE-FUO (UFOMA, 10 MHz, E-TM 3.1)	18	4,30	67,45	16,50	0.00	150.0	+9.6%
		3	4.17	06.74	15.93		150.0	
		Z	4.18	87.60	16.31		150.0	
10432- AAC	LTE-FDD (OFDMA, 15 MHz E-TM 3.1)	×	4.67	67.30	16.51	0.00	150,0	± 9.6 %
		-X-	4.47	05,66	15.03		150.0	
		12	4.47	67.41	16.34		150.0	
10432 AAG	LTE-FOD (OFBMA, 20 MHz; E-TM 3.1)	×	4.90	67,28	16.55	0.00	150/0	19,6%
		Y .	4.72	96.69	18.12		150.0	
		12	4.71	97.36	16.39		150.0	
10434- 6AA	W-CDMA (BS Test Model 1, 84 DPCH)	×	4.58	71.86	18.63	0.00	150.0	+0.6%
		Y	4.21	70.69	17,67		150.0	
	A STATE OF THE PARTY OF THE	Z	4.78	74.08	19.21		150.0	THETHE
10435 AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz; QPSK, UL Subtramu=2.3.4.7.8.9)	×	100.00	120.88	39.73	3.23	80.0	+06%
		Y	100.00	127.68	30.95		80.0	
	The second of th	Z	66.38	108.66	25.18		80.0	
10447 AAD	LTE-FDD (OFDMA, 5 MHz. E-TM 3.1, Clipping 44%)	X.	3.72	87.65	16.10	0.00	150.0	= 0.6 %
	3.10.12.1.10.1	195	344	66.58	15.18		150.0	
	A CONTRACTOR AND ADDRESS.	Z	3.50	67.81	15.74		150.0	-
10448- AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3 TU Clippin 44%)	8	4,21	67.23	0E.37	0,00	150.0	± 9.0 %
	17.00	V.	4.00	68.50	15.77		150.0	
		2	4.03	67.40	16.18		150.0	
10449 AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clighta 44%)	3.	4.46	67.14	16.42	0.00	150.0	±9.6%
		I.Y.	4.27	66.48	15.91		150,0	
		1.2	4.28	57.27	16.26		150.0	
10450- AAG	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1. CSpping 44%)	Х	4.64	157.06	16.42	0,00	150,0	±8.5%
		Y	4.47	66.43	15.96		150.0	
	The second secon	2	4.47	67.16	16.26		150,0	
10451- AAA	W-CDMA (BS Test Model # B4 DFCH, Clipping 44%)	×	3.56	68.00	15.89	0.60	150.0	19.6%

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car (us)

10456 AAB

10457 AAA

10456 AAA

10459-

AAA

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3.72 3.74 4.10

5.01

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70460-	LIMES-FOO (WCDMA, AMR)	-X	1.12	72.77	18.83	-0.00	150.0	1 2885
MAA	FOR THE CONTRACT NAME.	100	3.12	1211	10.03	- BUND	150.0	28.67
		Y	0.73	65.44	13.95		160.0	
		7.	1.01	71.76	18.00		150.0	
10461- AAA	LTE-TDO (SC-FDMA: 1 RB; 1.8 MHz, QPSK, U. Suotreme=2,3,4,7,8,8)	×	100.00	126.43	33,33	3.25	90.0	=9.63
		Y	100 00	125.87	32.93		80.0	1
10462		Z	90:37	116.03	27.82		80.0	100
AAA	LTE-TDD (Si2-FDMA, 1 RB, 1 2 MHz, 16-QAM, UL Subframer 2.3.4.7.8.9)	X	100.00	100.08	25,58	3.23	80.0	±963
		Y	100.00	109.45	25.28		80.0	
10463-	LTE-TOD (SC-FDMA, 1 RS, 1.4 MHz)	2	- T-10	50.79	7.88	-	80.0	1
AAA	64-DAM, UL Subframe=2.3.47.8.9	X	100.00	106.70	24.02	3.23	80,0	±963
			49.13	98.79	22 (1)		80.0	
10464-	LTE-IDD (SC-FDMA, LRB: 3 MHz	2	1.63	60.00	7.05	-	80.0	
AAB	DPSK_DL Subframe=2,3,4,7,8,9	×	100.00	124.44	32.24	3.23	80.0	3.00 B
		18	1,00.00	123.71	31.77		80.0	1
foots.	LTE-TOD (SC-FDMA, 1 RB, 3 MHz, 16-	. 2	25,98	98.94	23.07		80.0	-
AAB	DAM, UL Subframa=2,34,78,0)	Χ.	100.00	109:41	25.30	3.23	80,0	±951
		Y	100.00	108.89	24.99		80.0	
10498-	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 84	12	1.05	80.34	J.80	-	90.0	1
AAL	DAM UL Subframe=2.8.4.7.8.91		100.00	108,17	23.77	3.23	80.0	1963
		Y	17.42	87.73	19.16		0.08	
10467	LTE-TDO (SC-FDMA, 1 RB, 5 MHz,	Z	1.03	80.00	7.00		80.0	
AAE	QPSK, LIL Subtrame=2,3,4,7,8,9)	×	10000	124 87	32.35	3.23	80.0	±9,6%
		Y	190.80	123.95	31.88		80.0	
10468	LTE-TUD (SC-FDMA, 1 RB: 5 MHz. 16	Z	34.96	102.47	23.96	and the same	30,08	
AAE	QAM, UL Subtrama=2,3.4,7,8,8)	X	100.00	109:58	25.58	3.23	0.08	±9,0%
_		N Z	100:00	109.06	23.07		80.0	
ingas.	LTE-TOD (SC-FDMA, 1 RE, 5 MH) 64-	8	1.06	80.45	7.67	-	80.0	-
ARE	QAM, UL Subtramar 2.3.4.7.8,8)	· V	19.04	106.18	23.77	3.23	80.0	1969
		2	13.04	88.11	10.26		80.0	
10470-	LTE-TOD/(SC-FDMA, 1 RB, 10 MHz.		100.00	60.00	7.00	200	80.0	-
MAE	OPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	124.71	32.35	3.23	80,0	±9.6 %
		2	35.24	102.58	31,88 23.97		80.0	_
10471- AAE	LTE-TDD (SC FDMA, 1 RB, 10 MHz, 16- GAM, UL Bubliance-2,3,4,7,0,9)	X	100.00	102.56	25.35	3.23	30,0	19.03
		160	100.00	109.01	25.04		80.0	
		Z	1.85	BO 40	7.64		80.0	_
10472- NAE	LTE-TOD (SC FDMA, 1 RB 10 MHZ 64- QAM, UL Subframer 23 4,7 8,9)	36	100.00	105.13	23.74	3.23	80.0	± 8.6 %
		4	17.90	88.00	19.21		80.0	
		Z	1.00	60.00	6.02	7	60.0	
10473 AAE	CPSK, U. Succame 2,3,4,7,8,9)	X	100.00	124.67	32.34	3.23	A0.0	186%
_		Y	100.00	123.85	31.87		80.0	
0474-	TE TRICKE CHARLES A TO LEAVE	Z	34.67	102.34	23.91		80.0	
VAE	LTE-TDD (SC-EDMA, 1 RB, 15 MHz, 16- QAM, UL-Subframe=2.3,4/3,8/9)	X	180.00	109.54	25.35	3.23	80.0	# H.6 %
_		A	100.00	109.01	25.04		0.08	
B475-	LTE-TOD (5C-FDMA, 1 RB, ISMHU 64-	Z	1.06	60.39	7.63	7.	80.0	
WE.	QAM, UL Subframe=2.3,4.7.8;9)	8	100.00	106.14	23.74	0.23	0.08	196%
		Y	17,52	67.75	19.16		80:0	
	A	2	1303	60.00	6.99		80.0	_

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10477- AAF	CAM, UL Subtrame=2,3,4,7,8,9)	X	100.00	189:07	25,27	3,22	80.0	±0.6%
		Y	100.00	186 84 80.28	24.96 7.55		80.0	
10478- MAF	LTE-TDD (50-FDWA, 1 RB, 20 MHz, 84- QAM, UL Subtame=2.3.4.7.8.9)	×	100.00	106.09	23.72	3.23	80.0	±0.6%
		:Y:	17,03	137.46	19/06		80.0	
		2	1,93	60,00	6.90	7 70	80 0	
10479- AAA	LTE-TDD (SC-FDMA_50% RB_1 4 MHz CPSK, UL Subframe=2,3,4,7,8,9)	×	32.47	106.40	30,35	2.23	80.0	±9.6%
_			23.42 3.33	102.58 85.64	28.35		80.0	_
10480-	LTE-TDD (SC-FDMA 50% RB 1-4 MHz.	X	42:00	105.02	27.50	3.23	80.0	1 9.6 %
AAA	18-CAM, UL Subframe 2.3,4,7,8,9)	9.	20.70	94 12	24.14		80.0	
		7	5.08	76.74	17.02	-	80.0	-
10481- AAA	LTE-TDD (8C-FDMA, 50%, RB, 1.4 MHz, 84-GAM, UL Subframe-2.3.4.7.8.9)	8	32.63	100.01	25.80	3.23	80.0	± 9.8 %
	6-7 de articula arabitación appropria	14	15.67	89:58	-22:38		80.0	
		Z	6.46	7249	15/13		80.0	
10482- AAE	LTE-TOD (SC-FDMA: 50% RB, 3 MHz, QPSK, UL Subtrame=2,3.4,7 6,8)	×	9.20	87.35	23.04	2.23	80.0	± 0.6 %
		9	3.94	74.35	17.65		80.0	
	Land to the same of the same o	7	2.70	70.00	15.33		80.0	
10083- AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz 16-QAM, UL Subframe=2,3,4,7,8,9)	X	15,24	90.75	23.81	2.23	80 0	+0.6%
		Y	1278	83.78	21,08		30.0	
t0484 AAB	LTE-TDD (SC-FDMA, 50% RB, S MHz 64-GAM, UL Subframu=2.3.4.7.8.9)	X	12.87	71,04 BB:08	23.00	2.23	80.0	±9.6 %
200	Second or constantes and all the left of	Y	8.49	B7.59	20.36	-	80.0	
	Charles Company and Company and Company	Z	3.66	70.14	14.84	7	80.0	
10485- AAE	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subtrame 2,3,4,7,8,9)	×	7.98	Bp. 70	23.28	2.23	80.0	49.6%
	7.00	¥	4.36	75.94	19:15		80.0	
1 100	AND RESIDENCE AND RESIDENCE AND ADDRESS.	2	3.22	72.33	17.26		0.08	
10486- AAE	LTE-TOD (SC-FDMA, 50% RB, 5 MHz, 16-DAM, UL Subtramer 2,3,4,7,8,9)	×	5,36	76.17	19.55	2.23	80.0	19.6%
		1.4	3.79	70.74	16:72		80.0	
		2	3.08	E8.57	15.26	0.000	80.0	1 11 8 8
10487- AAE	ETE-TDD (SC-FDMA, 50% RB, 5 MHz 64-DAM, UL Subhame=2,3.4,7.6.9)	X	5.22	75.40	19,25	2,23	80,0	±.9.6 %
		Y	3.77	70.31	15.10	-	80.0	-
10488= AAE	LTE-TDD (SC-FDMA, 50% RB, 10 MHz. QPSK, UL Sopframe 2.3.4.7.8.9)	2 X	0.68	D1.06	22.14	2.23	90.0	± 0/B·%
76.16	Set (ens), the southernia edge of control	Y	4.49	7A.73	19,35		80.0	-
		2	3.58	72.12	17/94		80.0	
10489- AAE	LTE-TDD (SC-FDMA: 50% HB, 10 MHz, 16 QAM, BL Suchame<2.3/4.7.8.9)	×	4,86	73,47	19,42	2.23	80,0	±0.6%
		Y	4 (1)	70.32	17.77		80.0	1
	United the state of the state o	2	3.48	88.92	16.70	2.30	90,0	1000
10490- AAE	LTE-TDO (SC-FDMA, 30% RB, 10 MHz, 64-QAM, UL Subframe+2,3,4,7,8,8)	X	4.88	72.96	19.23	2.23	80.0	±9.8%
		Y	4.10	70.09	17.64		80.0	-
10491- AAE	LTE-TOO (SC-FDMA, 50% RB, 15 MHz, OPSK, UL Subframe 2.3.4.7.8.9)	X	5.85	76,95	20,70	2.23	80.0	±0.6%
MAL	Gross OL auditariesz, ag. r.d.81	10	4.52	72.00	18.69		0.08	
		12	0.82	70.84	17.60		80.0	
10492- AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subfreme-2,3.4.7.8.9)	×	4.94	71,88	18.90	2.23	80,0	±9,6%
	The second secon	14	4,21	69.40	17.63		10.08	-
		12	3.83	68.32	16.79		90.0	

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10493- AAE	LTE-TDO (SC-FDMA, 50% RB, 15 MHz; 84-QAM, UL Subtrame=2.3,4.7,8,9)	×	4.97	71,38	16,79	2.23	80.0	±9.0 %
	1	Y	4.57	69.24	17.58	-	80.0	-
		Z	3.90	68.20	16.75		86.0	-
10494 AAF	LTE-TDD (BC-FDMA, 50% RB, 20 MHz GPSK, UL SubVerne=2,3,4,7,8,9)	X	5.95	70,86	21.50	2,23	80.0	196%
		Y	4.99	79.3T	19.18		80.0	
	Company of the second second	Z	4 13	72.26	18.02		80.0	1
10495 WAF	LTE-TDD (SC-FDMA, 50% RR, 20 MHz 46-QAM, UL Subframe*2.3.4.7.8,9)	×	5.07	72.39	19.1B	2,23	80.0	± 9.6 %
		Y	4.37	59.87	17.84		80.0	
- CELLER TO	THE SECURITY OF THE SECURITY O	2	3.87	68.70	16.98		80.0	
10496- AAF	LTE-TDD (SC-FDMA, 60%, RB, 20 AH4z, 64-GAM, UL Subframe=2,3.4.7,8.9)	X	5.07	71.80	18.98	2.23	90.0	±96%
			4,43	69.53	17:74		80.0	
10497-	LTE-TDD (SC-FDMA, 100%, RB, 1.4	2	3.95	68.45	16.92		B0.0	
AAA	MHz GPSK, UL Subframe=2.3,4,7,8,9	×	7.77	84-28	21.25	2.23	80.0	±9,6%
_		35	2.76	69.51	14.63		80.0	
10488-	LTE-TDD (SC-FDMA, 100% RB; 1.4	Z	1.83	65.28	12.27	4.41	80,0	
AAA	MHz, 18-QAM, UL. Subframe=2,3.4.7.3.9)	×	4.10	72.22	15,94	2.23	80.0	#98%
		1 Y	2.08	63.53	11.20		80.0	
	A	2	1.49	60.84	9.11		80.0	
AAA	LT6-TDD (SC-FDMA, 100N RS, 1.4- MHz, 63-DAM, UL Subframer 2,3,4,7,8.9)	×	3.88	71.14	75,38	2.23	80.0	196%
		Y	2.02	62:00	10.80		90.0	_
1000	and the second second	7	1.45	80.40	8.75		80.0	
AAB	LTE-TDD (SC-FDMA, 100% RB 3 MHz, QPSK, UL Subframer 2 3.4.7,8.9)	×	8.85	62,59	22.44	2.23	80.0	±9.6%
_		Y.	4.30	75.01	10.00		80.0	
-		Z	3.32	71.99	17.46	-	80.0	
10601- AAE	LTE-TDD (SC-FDMA: 100% RB: 3 MHz: 16-QAM: UL Subframe=2.8.4.7.8.9)	×	5.08	74.80	19.39	2.23	80.0	19.6%
		4	3.90	70.59	17,11		0.00	
10000	The same of the sa	2	3.27	68.83	10.87		80.0	
10502 AAB	LTE-TOD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Siditame=2,3,4,7,8,9)	3	5.08	74.42	19.19	2.23	80.0	±8.6 %
		Y.	3.94	70,38	16.00		80.0	
10503-	THE WAS THE WALL TO SEE THE PARTY OF THE PAR	Z	3.32	88.88	15.75		80.0	
AAE	LTE-TDD (SD-FDMA, 100N RB, 5 MHz. QF8K, UL Subframes 2,3.4.7.8.8)	×	6.47	80,76	22.03	2.23	80.0	185%
_		Y	4.43	74.51	19.74		50.0	
10504	LTE TOP INC POLICE AND THE PARTY	2	3.53	71,90	17.84	-	80.0	
AAE	LTE TDD (SC-FDMA, 100 K RB, 5 MHz, 16-QAM, UL Subframe=2,3 4 7,8.9)	×	4.84	73.36	19.57	2.23	80.0	+8.6%
		Y	3.95	70.22	17.05		80.0	
10505-	LTE-TOD (SC-FDMA, 100% RB, 5 MHz.	Z	7.46	68.82	16 64		80.0	
AAE	84 GAM, UL Sobiremen2, 3,4,7,8,9)	8 -	€.85	72.84	19:17	2.21	80.0	±0.6%
		Y Z	4.37	69.98	11.58		0.00	
10506-	LTE-TOO ISC-FOMA, 100% RS, 10	X	3.55	58,67	16.80	-575	80.0	
AAE	MHz, QPSK, UL Suchame=2,3,4,1,8,5)	Y	8.87 d 94	79.65	21.49	2.23	80,8	= 9.6 W
		2	4.10	74.20	19,10	_	80.0	-
10507- AAE	LTE (FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL	X	5.05	72.32	17.34	2.23	80,0 10,08	19.6%
-	Sithframe=2:3.4.7.8.91		100		100			
		Y	4.35	69.81	17.80		0.08	
		Z	3.85	88.63	10.94		80.0	

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TE-TDD (SC-FDMA, 100% RB-16- HE, 64-GAM, UL Johanne=2,3,4,7,8,6)  TE-TDD (SC-FDMA, 100% RB, 15- Hz, GPSK, UL Subframe=2,3,4,7,8,9)  TE-TDD (SC-FDMA, 100% RB, 16- Hz, 18-GAM, UL ubframe=2,3,4,7,8,9)	X Z X Y Z	5,05 4,41 3,83 6,62 5,10	74.72 68.46 68.38 76.31	10.50	2.23	80.0	±9.6 %
TE-TDD (SC-FDMA, 100% RB, 15 Hz, GPSK, UL Subframe-2,3,4,7,8,9) TE-TDD (SC-FDMA, 100% RB, 15 Hz, 18-GAM, UL	2 X Y Z	3.83 6.42	58.38			1000	
Hz, QPSK, UL Subframes (3,4,7,8,5)  TE-TOD (SC-FDMA, 100% RB, 15  Hz, 16-QAM, UL	X Y Z	5.42	58.38			80.0	
Hz, QPSK, UL Subframes (3,4,7,8,5)  TE-TOD (SC-FDMA, 100% RB, 15  Hz, 16-QAM, UL	Y Z		20.44	16.87		80.0	
Hz, 18-GAM, UL	Z	5.40	(6.31)	20 23	2.23	80.0	±9.6%
Hz, 18-GAM, UL		341.144	72.45	18.45		80.0	
Hz, 18-GAM, UL	-8	4.44	71.04	17.56	5.0	80.0	- T
		5.41	71.43	18.82	2.23	80.0	19.6%
	4	4.01	69.39	17.75		0.08	
	Z	4.34	68.44	16.99		0.06	
TE-TDD (SC-FDMA, 100% RB, 15 Hz, 64 DAM, UL ubtrame=2.3.4.7.8,9)	X	5.40	70,96	18,67	2.23	.80.0	19.6%
	A	4.84	60.00	17.65		80,0	
							-
FE-TOD (SC-FDMA, 100% RB; ZD HU, QPSK, UL Subtrames 2.3.4,7.8.9)	100				2.23	7-7-7	#BE 24
					-		
e ena ten entil been no se					0.00		1200
TE-TDD (SC-FDMA, 100% RB, 20 Hz: 16-QAM, UL ub#ame=2,0,4,7,8,8)				17.11	2.23		196%
					20.00		
TE-TDD (SC-FDMA: 100% RB; 20 Hz; 64-QAM; UL achamo=2,3,4,7,8,5)	×	5.30	11.34	18.83	2.23	80.0	196%
A DESCRIPTION OF THE PROPERTY	Y	4.71	69.27	17.73	-	80.0	
	Z	4.25			-		
EE 902.11b WIFI 2.4 GHz (DSSS, 2 faps, 99pc duty cycle)		0.88	17.7	1000	200		世级新兴
EE 802 116 WiFi 2-4 GHz (DSSS, 5.5 lbps, 99pc duty cycle)		-77		3000	0.00		± 9.67 %
							_
EEE IID2 116 WIFt 2'4 GHz (DSSS, 11)	00	0.89	87.34	17.01	0.00	150.0	±96%
arter codes only infants.	TY.	0.70	83.35	13.75		-150.0	
	2	0.83	66.82	16.43		150 0	6 2000
EEE 802 (1ah WFi 5 GHz (OFDM) 9 Nos 990c duly cydu)	×	4.64	56.90	16.38	0.00	150.0	400%
	Y	4.67	66.33	15.94			
AND ASSESSMENT OF THE PARTY OF	12				100.00		100
DOE BUZ 11ah WF15 GHz (OFTIM, 12 Reps 99no duty syde)		Property.	200	1000	0.00	18.77	±96%
FEE GOVERNOUNCE IS CHILD FOR THE AD					311995		±9.6 %
Thes. Page duty ovdie)		111.51			4.00		2 5 80 78
EEE 802,11eh WIFI 5 GHz (DFDM, 24 libps; 99pc duly gyale)	×	4.64	87.19	16.44	0.00	150.0	4965
	1.4	4,45	60,53	10.97		150.0	
and the same of th	Z	4.44	E7.24	16.27	1	150.0	-
EEE BD2.11aAi WiFi 5 CH2 (OFDM, 36 fbps, 99pc duty ryski)	×	4.69	67.17	16,48	0.00	150,0	+86%
	Y	4.51					
	Z	4.80	67.33	16.35	-	150.0	
	Intermet 2.3 A.7.8 (I)  FE-TOD (SC-FDMA, 100% RB, 20 HB, QPSK, UL Subhramet 2.3 A.7.8 (I))  FE-TOD (SC-FDMA, 100% RB, 20 HB, 16-QAM, UL Subhramet 2.3 A.7.8 (I))  FE-TOD (SC-FDMA, 100% RB, 20 HB, 84-QAM, UL Subhramet 2.3 A.7.8 (I))  FE-TOD (SC-FDMA, 100% RB, 20 HB, 84-QAM, UL Subhramet 2.3 A.7.8 (I))  FE-TOD (SC-FDMA, 100% RB, 20 HB, 84-QAM, UL Subhramet 2.3 A.7.8 (I))  FE-S02.11th WIFL 2.4 GHz (DSSS, 2 bps. 99pc duty cycle)  FE-S02.11th WIFL 2.4 GHz (DSSS, 11)  FE-S02.11th WIFL 5-GHz (DFDM, 8 bps. 99pc duty cycle)  FE-S02.11th WIFL 5-GHz (OFDM, 12 bps. 99pc duty cycle)  FE-S02.11th WIFL 5-GHz (OFDM, 13 bps. 99pc duty cycle)  FE-S02.11th WIFL 5-GHz (OFDM, 14 bps. 99pc duty cycle)	### ### ### ### ### ### ### ### ### ##	### ### ### ### ### ### ### ### ### ##	Bits   Box   Box	### ### ### ### ### ### ### ### ### ##	Difference	Difference   2.3 A.7.8   9

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(0523- AAB	IEEE 802.11a/h WiFr 5 GHz (QFDM; 48 Mbps, 99pc duty rycki)	X.	4.58	67.08	16.34	0.00	150.0.	± 9.6 %
		Y-	4.38	66.45	15.88		150,0	
	THE PARTY OF THE P	2	4.39	67.23	16.22		150.0	
10524- AAG	IEEE 802.11a/b WIFLS GHz (OFDM; 54 Mbps; 99pc duty cycle)	×	4,64	67.13	16.48	0.00	150.0	±9.6 %
	The state of the s	W.	4.45	B6.52	16.01		150.0	
		Z	4.44	67.24	18.32		150.0	-
10525-	IEEE 802.11ac WIFI (20MHz, MC50)	X	4.60	66.17	16.08	0.00	150.0	± 3.6 5
AAB	B6pc.duty cycle)	100	77333	1 7 7 7		0.00		2.3/0.3
_		Y	4,43	86.55	15.80		150.0	
10526-	White the Control of	Z	4.44	66:33	15.94		150.0	
AAB	IEEE 802,11 ac WiFI (20MHz, MCS1, 88pc duty syste)	×	4.80	66,57	16.20	0.00	150.0	1955
	1 phase and the second	Y	4.80	65.93	15.75		150.0	
	The second secon	2	4.61	69,68	16.07		150.0	_
10527- AAB	JEEE 802.11ac WFJ (28MHz, MCS2, 99pc duty cydia)	8	4.72	86.55	16.18	0.00	150,0	195%
		Y	4.52	85.88	15.69		150.0	
	The state of the s	2	4.53	66.66	16.02		150.0	
10528-	(EEE 802.11pc WF) (20MHz, MCS3)	×	473	68.57	16.19	0.00	150.0	*96%
AAB	99pc duty cycle)	v	4.54	65.90	14.00	Ovid	12277	2 9.0 %
		2			15.72		150.0	
10529	EEE 802 11ac WiFi (20MHz, MCS4)		4.55	56.67	16.05	-	150.0	
AAB	99ac duty cycle)	×	4.75	68,57	16.19	0.00	150,0	± 9,6 %
_		·Y-	4.54	65.90	15.72		150.0	
		2	4.55	66.67	16.05		150.0	
10531 AAB	IEEE 802 11av WIFI (20MHz, MCS6, 99pc duty cycle)	×	4.74	65.72	16.22	0.00	150.0	19.6%
		Y	4.53	66.01	15.73		150.0	-
	The second secon	12	4.53	66.77	18.06	-	150.0	-
10532- AAB	(EEE 802.11ag WFI (20MHz; MCS7. 98pc duty cycle)	X	4.60	66.59	18,17	8.00	150.0	= 9.6 %
		Y	4:39	65.86	15.66			
		2	4.40				150,0	
10533-	IEEE 802 11ac WFr (20MHz, MCS8.			86.64	16,01	-	150.0	-
AAB	99pc duty cycle)	×	4.76	08.60	16.17	0.00	150.0	1965
_		Y	4.65	65.94	15.70		150.0	
		2	4.58	66.72	15.05		150.0	
AAB	EEE 807 11ac WiFi (40MHz, MCS0, 99bc duty cycle)	X	5.24	69.67	16,21	0.00	150.0	19.6%
		3	5:00	66.08	15.82		450.0	
		2	5.06	65.70	18.06			
10535- AAB	IEEE 802-11ac W/FI/40MHz, MCS1. 99pc duty cycle]	X	5.31	66.61	16.26	0.00	150.0	188%
		Y	5.74	66.24	15.89	_	400.0	-
		2	512	66.BD		-	150,0	
10536- NAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duly cycle)	X	5 15	66.81	16.13 15.25	0.00	150.0	±9.6 %
	The state of the s	4	5.01	86.19	25.57		-	
		2	5.00		15,84		150,0	
10637-	IEEE 802 Trac WIFT (AGMHz, MCS3,			66.84	10.11		120,0	
AAB	99pc duty cycle)	×	5.24	66,77	16.23	0.00	150.0	19.8%
_		Y	5 07	66.17	15.84		180.0	-
-	THE CASE	2	5.06	66.79	18.08		150.0	
11538- AE	IEEE 802,11ac WIFI (40MFrz_MCS4 95pc duty cycle)	×	5,35	66.82	18.29	0.00	150.0	19.6%
		8	5 17	06.21	15.90		450.0	
		2.1	5:14	66.79	16.12			
0540	IEEE 802.11ap WF (40MHz, MCSE	X	5.25	66.78		8.00	150.0	1.00
AAB	99pr duty cycle)	Y		8,00 F	10.29	0.00	150.0	198%
			5.09	86.21	15,91		150.0	
		2	5.07	66.70	16.13		150 0	

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10541- AAB	IEEE 802 Hac WiFI (40MHz, MCS7, 99bb duty cycle)	X	5.24	86.69	16.24	0.00	450.0	39.6%
	111111111111111111111111111111111111111	19	5.06	66.08	15.84		150.0	
		12	5.05	66.69	16.08		150.0	
10542 AAB	(EEEE 802.11ac W/FI (40MHz, MCSS, 98pc duty cycle)	8	5,38	66.72	10,27	0,00	150.0	±9.6 %
	and a start of start	1.8	5.22	86.15	15.90		15/10	
		2	5.20	66.74	16.12		150.0	
10543- AAD	IEEE 802 11ac WIFI (40MHz, MCS9) 99pc daty cycle)	X	5,47	86.74	16.29	0.00	150.0	±9.5 %
4.00	nabe soul along	128	5.30	66.21	10.95	_	150.0	
		2	5.27	66.76	18.14		150.0	
10544-	IEEE 802.11sc WIFI (80MHz, MGS).	X	5.52	66.77	16.19	0.00	150.0	150%
AAB	BBpc duty gycle)	7	5.36	66.20	15.62	4.90	150.0	4316.6
		2	B:37	66.80	16.04	_	150.0	_
10845-	IEEE 802.11ac WIFI (80WHz. MICS)	X	5.72			0.00		4000
AAB	9900 duty cycle)			67,14	16.31	0.00	150,0	19.5%
		Y	5.88	66.63	15.99		150,0	
1111		2	5.53	67.12	16.15	- 22	150.0	2000
10546- AAB	IEEE 862 11ac WiFi (80MHz, MG82, 99bc duty cycle)	X	5,61	67.04	18.28	0.00	150,0	±8.6%
		Y	5.45	76.44	1591		150.0	
	and the state of t	Z	5,43	66.99	16.10		150,0	
10547- AAB	IEEE 802 11ec WIFI (80MHz, MCS3, 99ec duty cycle)	X	E.70	67,12	16.31	0.00	150.0	±5.5%
2000	2.00.000	Y	5.53	55.49	15.92		150,0	
	Contract of the Contract	54.	E-50	67.02	16.11		150.0	10000
10546- AAH	EEE 802 11ac WiFi (80MHz, MCS4, 99pc duly cycle)	Х	5.93	67.96	16.70	0.00	150.0	± 9.5 %
		Y	5.82	fr7.53	16:41		150.0	
		1.2	5.64	67.63	16.39		150.0	
10650- AAH	JEEE 802 11ac WFI (80MHz, MCS6, 99pc duty syste)	×	0.63	67.00	16.27	0.00	150,0	158%
		V	5.47	EE 43	16.97		150.0	
		Z	5,45	67.00	16:12		150.0	
10551- AAB	JEEE 802, Tag IV ET (BDMHz, MCS7, 99pc duty sycle)	X	5.65	67.07	18-26	2.00	150.0	19.8%
		Ŷ	5.48	66.48	15.89		150.0	
		2	5.46	67.04	16.10		150.0	
10552- AAH	IEEE 802 11ac WFI (80MHz, MG\$8, 95pc duty cycle)	×	5.55	55.86	16.18	0.00	150.0	19.6%
7.9.00	and a fair	Y	5.39	65.26	15.30		150.0	
	The same of the sa	Z	5.19	06:89	16.04		150.0	
10553- AAB	IEEE 802 1 fac WIFI (80MHz, MGS9, 99pc duty cycle)	×	5.00	66.91	16.22	0.00	150,0	19,6%
	water most principal	Y	5.48	66.32	15.88		150.0	
		Z	5.47	66.51	16.07	-	150.0	-
10554- AAC	(EEE 802 11ac WiFI (100MHz, MCS0, 1990; outy cycle)	×	5.92	67 13	16 27	0.00	150.0	± 9,6 %
- 240	and a south of tent	Y.	5.78	86.58	15.93		150.0	
		2	5.77	87.13	18.11		150.0	
10555-	IFEE 802 11ac WIFI (100MHz, MCS1,	×	6.06	67.44	18.39	0.00	150.0	±8.6%
AAG	98(ic duly cycle)	· ·	5.92	86.88	16 08	9100	150 0	****
		2	5.88	87.38	16.21		150.0	
U2256-	IEEE 802.11ac WFI (168MHz, MCS2. 98pc duty cycle)	X	6,07	B7.47	15.40	0.00	150.0.	19.6%
AAC	aatic città cărsei	9	5.94	66.94	16.07		+n0.0	
-		Z	5.90	67.42	16.23		150.0	
ineta-	WALL THE PARTY AND ADDRESS AND				16.40	0.00	150.0	296%
10057 AAC	(EEE 902.11ac WF) (160MHz, MC83, 89pc duty cycle)	×	9.38	57.43	356,77	0.00	1000	29876
		Z.	5.91	196.85	16.05		150.0	
			5.87	67.36	16.22		1500.0	

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10658	IEEE BOZ 11as WIFI (160MHz, MCS4,	Tox	0.11	67.50	16.50	0.00	4.600.00	Links
AAG	Sign day cycle)	1.	1000		1000	9.050	159.0	18.5%
		Y	5.96	67.02	16,15		150,0	
70000		2	5,91	67.50	16.30		150.0	
AAC.	SEEE 802 11ac WIFT (160MHz, MCS6, 98pc duly cycle)	X	6.11	67.48	16.47	0.00	150.0	# 9.6 %
		Y	5.95	86.87	16.11		150,0	
		2	5.92	67.3B	16.28		450.0	
105G1 AAG	IEEE BOZ 11ac WIFI (160MHz, MCS7, 93ec III.lly cyclé)	×	6.02	57.40	76.48	0.00	100.0	± 9.6 %
		1.8	5.87	66.84	16.13		150.0	
		12	5.84	67.33	16.29		100.0	
18562- AAG	IEEE 800 11ac WIFI (180MHz, WCSS) 99pc duty cycle)	×	0.19	67.32	16.69	0.00	150,0	19.05
		± Y	6,07	67.26	16.35		150.0	
10000	THE WAY IN COMPANY TO SELECT	Z	5.93	67.63	16.44	-	150.0	
10563- AAC	IEEE 802 11ac WIF (160MHz, MCSS 96pc duty cycle)	×	9,47	68.29	10.86	0.00	150.0	1989
		4	6,34	67.82	16.58		160.0	
ements.	-	Z	6.09	87,70	15.43		150.0	
10564 AAA	DEEE 802.11g Wiff 2.4 GHz (DSSS- DFDM. 9 Mbps, 99ns duty cycle)	×	+97	56.98	10.53	0.46	150.0	1961
		Y	4.81	86.46	16.14		150.0	
46.60	THE REST	Z	4.78	67.02	16.32	-	150.0	
10585- AAA	DEEL 802.11g WIFI 2.4 GHz (DSSS- DEDM: 12 Mbgs: 99pc duty cycle)	*	5.23	67.46	16.85	0,48	150.0	3988
		Y	5.05	66,93	16.47		150.0	
		2	5,01	67.49	16.66		150,0	
AAA	(EEE 802.11) Will 2.4 BHz (DSSS- OFDM, 18 Mbon, 96(pc.chg) cycle)	×	5.06	67.34	16.89	0.46	150.0	19.63
		Y	4:88	66.77	16.28		150.0	
* D.E.W.	PROBLEM IN THE PARTY OF THE PAR	2	4.84	67.32	16.46		150.0	
10667- AAA	GEEE 802.11g WFT 2.4 GHz (DBSS- GFDM, 24 Mbps, 85pc duty cycle)	×	0.08	67.74	17:04	D 48	150 (1	±9.6%
		Y-	4.91	67.15	16.63		150.0	
		2	4.89	67.80	16.87		150.0	
*0568 AAA	GFDM, 36 Mbps, 99pc duty cycle)	×	4.97	67,07	16.45	0.46	150.0	± 9.6 %
		A	4.80	66.54	16.05		150.0	
There	web second or the second or th	Z	4.74	67.03	16.19		150.0	
10589 A&&	IEEE 802 11g WIFI 2,4 GHz (DS8S- OFDM, 48 Mbps, 98pp daily cycle)	X	5.03	67.78	17.00	0.46	150.0	E96%
		1.7	4.86	87.22	16.88		150.0.	
CONT.	AND THE STREET, STREET	7	4.85	87.93	16.95		150.0	100
1057G- AAA	IEEE 802.11g WFLZ.4 GHz (DSSS- OFDM, 54 Mbos. 59pc duty cycle)	×	5.08	67.02	17/01	0.46	150.0	19.6%
_		Y	4.90	57.08	18.62		150.0	
COMPANY.	PERCHANGE HITCHARD	2	4.88	57.73	18.88		150.0	
4AA	Mbps, 90pc auty cycle).	X	1.32	56.77	17.12	0.46	130.0	±9.6 %
		Y.	1.54	64.23	15.06		130,0	
0872	CENTER BOD AND LIGHT, IN THE STREET	-2	1:17	05-90	15.66		130.0	
AAA	(EEE 802.11b WiFi 2.4 GHz (DSSS, 2. Mbps, 90pc duty cycle)	X	1.36	67.60	17.59	0.46	130,0	±9.8 %
		Y	1.16	64.80	15,39		130.0	
0572-	IDEE DOD AND WOLLD AND LONG TO	2	1.19	65.98	16.28	200	130:0	
NAA.	IEEE 802.11ti WIFI 2.4 GHz (DSSS, 5.5 Mbps; 90pc duty cyde)	×	100.00	150,25	+0.35	0.46	136.0	= P.6 %
		4	1.94	81:80	20.27		130.0	
057A-	time too as a well as a second	2	5.37	101.46	27.76		130.0	
AAA	IEEE 802.11b WFi 2.4 GHz (DSSS, 11 Mobs Standury cycle)	Х	1,86	73.53	22.17	0.46	133.0	± 9.6 %
_		Y	1.28	70.31	17:99		130.0	
		1 2	1.45	73.82	20.12		130.0	

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0575-	IEEE 802 11g WFi 2.4 GHz (DSSS)	X	4.77	86.82	18.62	0.46	130.0	±9.6%
444	OFOM, 6 Mhps, 90pc duty bydei		2.00	90.00		31110	2.0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		A	4,52	66.32	16.23		130.0	
		Z	4.56	56.75	16.29	_	130.0	
NAA:	CFBM, 9 Mbps, 90ps duty cycle)	X	4.80	66.59	10.09	0,46	1241.0	±99%
		Y	4,64	86.47	15.29		-130.0	
		2	4.58	66.94	15.36		130.0	
10577- NA/A	IEEE 802.11g WIFI 2.4 GHz (DSSS- OFDM, 12 Mops: 90pp duty cycle)	X	5,03	377.31	10.60	0.46	130.0	1963
		Y	4.89	66.75	16.47		130.0	
	and the second second second	-Z	4,78	67.21	15.54		130.0	
10578- 4AA	IEEE 802.Tig Will 2.1 GHz (DSSS- DFDM, 18 Mbps, 00pc duty cycle)	X	4.93	87.50	18.98	0.46	180.0	19.5%
		10	4.75	66.94	16.57		130,0	
	and the second second second	2	4.69	67.42	10.68	Long	130.0	
10579- NAA	IEEE 882.11g WiFt 2.4 GHz (DSSS- OFDM, 24 Mbps, 90pc dety cycle)	×	4.69	195 SA	16:33	DAB	130.0	+96%
		Y.	4.62	88.24	15.89		130.0	
		2	4.43	108.57	15.89		190/0	
10580 AAA	IEEE 802 11g WiFi 2.4 GHz (DSSS- OFDM, 36 Mbps, D0pc duty oydic)	X	5.78	56.81	18.32	0.46	130.0	±95%
14.4		Ŷ	4.57	80.20	15.90		130,0	
	A second	2	4.47	86.59	15.90		130.0	
10581- AAA	DEEE BOZ 11g W/Fi Z.A GHz (DSSS- OFDM, 48 Mbps: 50pc:duby gycle)	ж	4,83	87.59	16,95	D.AE	190.0	+96%
		Y	4.65	88.88	18.51		130.0	
		2	4.59	67.47	16,62		130(0	
10582- AAA	SEEE 802.11g WIFI 2.4 GHz (DSSS- DFDM, 54 Mbps, 90pp duty cycle)	×	4.84	66.58	16.12	11.46	130 D	± 9.8 W
2.83	St. energy Control of the Control	8	4.47	68.00	15.67		130.0	
		Z	#.36	66.28	15.65		130.0	
10583: AAB	(EEE 992,11ta h WHF 5 GHz (DFDM: 6 Mbps, 90pc didy cycle)	×	477	86.82	16.63	0.46	730.0	380%
		×	4.82	B5/32	1E 23		130.0	
	The second secon	-2	4.56	66.75	16.29		130.0	
10584- AAB	IEEE 802 11am WIFI 5 GHz (OFDM, II Mhos, 50pc duty cycle)	*	4 00	66.99	18,69	0.46	130.0	2965
	- Annie of the second s	Y	4.64	66.47	16:29		130.0	
		2	4.50	65.94	16.35		130.0	
10505- AAB	IEEE 802 11ah WIFI 5 GHz (OFDM, 12 Mbps, 90pp didy bydib)	×	5.00	67.31	16.86	0.48	130,0	±9.6%
79.14	Tables chickens also	Y	4.85	68.78	16.47		150.0	
	Control of the control of the	1 2	4.78	67.21	16.54		130.0	
10586- AAB	IEEE BOZ 11s/n WF+5 GHz (OFDM, 18 Mines, 90ng duty cycle)	×	4.03	67.50	18.98	0.46	130:0	296%
	The state of the s	Y-	4.75	66.94	16,57		330.0	
		2	4.68	67.42	16.68		138.0	
10S87 AAB	IEEE 902 11 p.tr WiFi 5 GHz (OFDW. 24 Mbps, 90pc duty cycle)	X	4.69	66,84	16.33	0,48	130.0	5883
-	100000000000000000000000000000000000000	9	4.52	66.24	+15.89		130.0	
	Total Manager and Control of the Control	Z	4.43	66.57	15.89		1.50.0	Lane.
1058B- EAA	IEEE 902.11 am WiFI 5 GHz (OFDM, 35 Mbps, 90cc duty cycle)	S	4.74	66.81	16,32	0.46	190.0	4744
		Y.	4.57	95.26	15.90	-	130,0	
		X	4.4T	TRL59	15.90		130.0	200
-98801 BAA	IEEE 802.11s/s WFs 5 GHz (OFDM, 48 Mbps, 90pc duty tryde)	100	4.83	67.59	16.95	1) 46	130.0	±963
-		Y	4.60	66.98	18.51		130.0	
A-1-	and the second and the	1.2	4.59	67.47	16,62		130.0	
10590- AAB	IEEE 802,116 In WIFI 5 SH2 (OFDM, 54 Mbos, 90cc duty cycle)	×	4.64	66.58	16.12	0.46	130/0	1989
		Y	4.47	88.00	15,67		130.0	
		2	4.36	86.25	18.65		130.0	

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10591- AAB	IEEE 802 11h (HT Mixed, 20MHz. MCS0, 90pc duty cycle)	8	4.92	66.87	16.71	0.46	130,0	± 9.6 %
		- 5	407	66.38	16:34		130.0	
	The state of the state of	- 2	4.71	66.82	16.40	-	130.0	
1059Z- AAB	IEEE 802.11n (HT Wwed, 20MH≥, MCS1, 90pc duty cycle)	×	5.00	67.22	16.84	0.46	130.0	19.69
1111111		- 4	4.93	85.72	46.47		130.0	
	The second secon	Z	4.86	87.15	16.53		130.0	
10593- AAB	IEEE 802.) In (HT Mixed, 20MHz, MCSZ, 90pc outy cycle)	Z X	5.07	67.17	16.74	0.46	130.0	1964
		7	4.65	66.64	16.38		130.0	_
		Z	4.77	87.04	16.40		130.0	-
AAB AAB	IEEE 802,11n (HT Mixed 20MHz, MCS3, 90pc thaty cycle)	×	5.07	67.32	10.89	0.46	130.0	±96%
		- Y	4.90	86.80	16.51		130.0	-
		- Y	4.83	67.23	16.57		130.0	
10595- AAB	IEEE 802.11n (HT Mixed 30MHz, MESA; 90pc doty cycle)	×	5.05	67.29	16.79	0.48	130,0	±90%
		Y	4.87	86.75	16:40		130.0	
	the state of the s	2	4.80	37.17	16.40		130.0	
10596-	IEEE 802 11n (HT Mixed, 20MHz.	×	3.88	67.29	16.80	0.46	130.0	± 0.6 %
AAB	MCS5, 90ps duty cycle)	Y	4.81	66.75	16.40	0.40	130.0	1 9.11.35
		7	4.01	67.16	16.45		130.0	
10597- AAB	IEEE II02 11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	×	4,94	67.23	15.70	0.46	130.0	# 35 #
	The transport of the transport	1. Y	4.76	88.88	16,29		130.0	
		12	4.68	67.05	16.33		130.0	
10598- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7; 90ps duty syste)	×	4.92	67.49	16.33	0.46	120.0	#86%
-	Annual Communication of Street	Y	4.74	86.90	16.55	-	12000	
		Z	4.66	67.34	16.63		130.0	
1(250)- AAB	IEEE 802.11n (HT Mixed, 40MHz, MGS0, 90pc duly ovsle)	K	5.58	87.43	16.63	0.48	130.0 130.0	±9.6%
		- Y	5.44	98.96	16:58		1400 D	
		2	5.34	67.25	16.55	-	130.0	
AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc daily cycle)	×	5.74	67.68	17.07	0.46	130.0	19,6%
	The state of the s	- V	5,60	67.47	16.79		130.0	-
		2	5.43	67.51	16.64	-		-
(ODD)-	MCS2, 90pp duty cytte)	×	5.61	67.61	15,95	0.40	130.0	190%
	2 2 2 3 3 3 3	1 4	5.48	67.17	16.66		120.0	
		1.2.1	5.35	67.37	16.60		130.0	-
10802- AAB	IEEE 802 11n (HT Mixed, 40MHz. MCS3, 80pc duty sycle)	X	5.70	87.58	16.86	0.48	130.0	198%
		Y	5.58	67,17	16.50		130.0	
-		- 2	5.45	67.40	16.52		130.0	
10603- AAB	MCS4, 99pc duty cycle)	X	B.80	67.93	17 16	048	130.0	19.8%
		Y	5.65	67.49	16.87		130.0	
		2	58.0	67.69	10.01		130.0	
10004- AAB	IEEE 802 11n (HT Mixed, 40MHz, MESS, 90pp duty cycle)	8	5.59	67.37	16.87	0.45	130.0	49.6%
		Y	0.44	66.92	16.57		130.0	
Same.		Z 1	5,37	67.27	16.58		130.0	
10605 SAE	IEEE 802,11n (HT Mixed, 40MHz, MCSB, 80pb duty cycle)	X	5,68	87,84	17.00	0,48	1300	主日日共
		- Y	5.36	57.28	16.75		130.0	
	AND STREET, ST	Z	5.43	67,44	16.66		130.0	
MED -	MCS7, 90pc duty cycle)	X	5.46	67.18	16.64	0.46	130.0	±9.6%
		1.9	5.33	66.69	16.32	_	130,0	-

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10607- AAB	IEEE BIOL Trac WIFI (20MHz, MCISO)	X	9.76	66.21	16.35	DME	130.0	主导反为
RAND.	90pc-duty cycle)	Y	4.60	65.68	15.94	_	130.0	
		Z	4.55	BE 17	16.05		130.0	
AAB	IEEE 802 11ac WIH (20MHz, MCS1, 90pc day cycle)	X	4.97	66.64	16.51	0.46	130.0	196%
		Y	4.79	96.07	18.1.1		130.0	
		-Z	4.73	66.56	18.21		130.0	
TORDS- NAB	EEE 802.11ac WIFI (ZIMHz, MCS2, Wipc duty cycle)	×	4.85	56:52	16,38	9.46	130.D	300%
		Y	4.68	65.92	15.94		130.0	
		1.2	4.62	66.40	16.04		1000	
AAB	IEEE 892,11ac W/Fr (29MHz, MCS3, 1996 duty cycle)	×	4.91	88.68	16,54	0.46	-130,0	± 8 /6 %
		4	4.73	66.06	16,11		130 D	
100 17		Z	4.67	05.58	16,22	-6500	130.0	
AAB.	1EEE 802.11ac WIFI (20MHz, MCS4, 1/0pc duty cyclo)	X	4.83	66.50	16.39	0.46	130.0	196%
		Y	4.65	55,89	15.98	_	130.0	_
American.	OFFICE COMPANY CONTRACT CONTRA	Z	4.59	65.36	16.05	0.46	130.0	1000
10612- AAE	IEEE 802.11ac WiFi (20MHz; MCS5: 90pc duly cycle)	X		66.66	16,44	0.46	130.0	49.8%
		Y	4.69	96.04 86.49	16.05		130.0	
10513- AAB	(EBE R02-1 tac WIFI (20MHz, MCSI), 80pc duty cyda)	X	4.86	66.57	16.33	0.46	130.0	19.6%
75/50	TOOK HOLD (SAN)	- 8	4.67	65.94	15.89		130.0	
		3	4.69	69.36	15.85		130 (7	
10614- AAB	IEEE 802 1 (ac WIFI (20MHz, MCS7, 90pc duly cyde)	×	4.80	98:77	16:57	0.48	130.0	+9,6%
T.D. LEE	areas and alond	- Y	4.693	50.11	18,11		139.0	
		7	4.55	88.63	16.24		130.0	
10615 AAB	GEEE 802 11an WiFi (20MHz, MCS8: 90pc duty cycle)	×	4.83	66.31	16.17	10,46	130.0	+06%
	4-1-1-1	V	4.65	65.72	15.74		130.0	
	Later Committee	Z	4.57	86,14	15,79		130.0	
10616 AAB	TEEE 802.11ac WiFi (40MHz, MCS0). 90pc duly cycle)	×	5.40	66.72	16.51	0.46	130.0	506%
	1	8	5.25	86.20	16:17		130.0	
		Z	5.18	66.58	16.21		130.0	-
10817- AAE	IEEE 802.11se WFI (40MHz, MCS1) 90pc duly cycle)	X.	5,48	66.82	16.52	0.46	120.0	± 9.6 %
	A STATE OF THE PARTY OF THE PAR	Α.	5 32	66.35	16:21		130.0	-
(USTS- AAR	IEEE 802 11ac WIFT (40MHz, MCS2, 900c ducy byole)	X	5.36 5.36	86.91	16.59	0.46	130.0	±98%
100	Section of the Parish	-Y-	5.20	198.37	16.23		130/0	
		-2	5.13	65.77	16.30		130.0	
100194 AAB	IEEE 802 11ac WIFI (40MHz, MCS3, 90pc duty byde)	X	5,38	86.73	16.44	0.46	130.0	19.02
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. W	5.23	66,21	16.09		130.0	
W	The state of the s	Z	5.14	66.53	16.10		130.0	
10620- AAB	JEEE BOZ.11ap WiFi (40MHz, MCS4, 90pc duty cycle)	X	5.40	66.81	16.52	0.46	190,0	±0.03
		Y	5.33	86.26	16,17		130.0	
	100000000000000000000000000000000000000	2	5.23	66.56	16.17	W 45	130,0	- 505.4
10521- AAB	IEEE 802,11ac WF; (40MHz, MCS5, 80pc July sysie)	*	5.A7	66.80	16.68	9.46	130.0	主息报报
		A	531	66.76	16.33	-	130.0	
7.0040	THE COLUMN TWO IS NOT THE PARTY OF THE PARTY	Z	5.24			0.46	130.0	±0.8%
10622 AAB	IEEE 802,11ac Wiff (40WHz, MC86. 90pc duty cycle)	X	5.47	67.00	16.72	0.46	130.0	7.0.07
			5.33					
		2	5.25	96,89	16:45		130.0	

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	And the same of th							ober 24, 21
10623- AAE	IEEE 802.11ac-WiFi (40WHz, MCS7 90pc duty ayele)	×	5,36	66.59	1E.41	0.46	130.0	19.6 9
		Y	5,20	66.04	#B.05		130.0	
Total Comment		Z X	5.12	66.39	18.07	-	130.0	
AAE	IEEE 802 I fac WFI (40MHz, MCSs 90pc duty cycle)		5.54	66.74	16.54	0.46	130.0	19.65
		Y	5.40	66,25	16.22		130.0	
A ROOM	The state of the s	Z	5.31	86.59	16.23		130.0	
10625- AAB	IEEE 902.11ac W#T (68MHz, MCS9, 90pc duty cycle)	×	5.91	87,68	17.05	0.46	130.0	1900
_		Y	5.81	87.35	16.82	_	130,0	
10628	THE SAME AND ADDRESS OF THE PARTY.	2 X	5.60	67.33	16.65		130.0	1
AAB	IEEE 802.11 on WF1 (80MHz, MCS0, 90pc daty cycle)		5.68	68.78	16.44	0.48	130.0	±90%
		Y	5.54	756.25	16.12		130.0	
80697-	SEE AND LESS HAVE AND ASSESSED.	-	5.47	35.64	16.16		130,0	
AAB	EEE 802.11ac W/FI (80MHz, MCS1, 90pc duly cycle)	X	0,50	87.26	16,64	0.46	130.0	±96%
	-	Y	5.79	68.84	16.38		130.0	
10628	IEEE H02 11so WiFI (30M-Iz, MCS2.	2	5.67	67.08	16,34	-3.17	130.0	
AAB	90pc ducy cycle)	×	5.73	66.91	16.42	0.46	120,0	+30.2
-		Y	5.58	86.38	16.08		130.0	
10629-	IEEE 802 11ac WIEI (80MHz: MCS)	2	5.49	88.66	16.06		430.0	
AAB	90ps duty syste)	×	5.81	56.97	16,43	0.46	130.0	296%
		Α.	5.67	£6.48	18.13		130.0	
10630-	IEEE 802 1180 WFI (80MHz, MCS4	-2	5.56	88.69	16.07	1	130.0	
AAE	90pc duty cycle)	X	6.26	68.50	17,18	0.46	130.0	196%
		Y	6.18	68.17	18.98		13000	
10831-	IEEE 802 tran WF (80MHz, MCS)	Z	5.88	67.70	16.58	-	130.0	1
AAB	30pc duty cycle)		6.19	89,30	17.32	0,48	130.0	±9.6 %
		Y	8.03	67.83	18.99		130,0	
10632	IEEE 802 11ac WiFi (80AsHz, MOS6,	Z X	5.86	67.92	15.89		130.0	-
AAB	90(9); Buty cycle)	100	5-88	67.37	16.63	D.46	130.0	± 9,6 %
		Y	5.75	66,88	16.63		130.0	
10833	IEEE 802 11ac Will (BOMHz, MCS7.	1 ×	5.67	87.23	#6.57		130.0	-
AAB	80pc duty cycla)	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	5.81	67,14	16.05	0.46	130.0	±98%
		Ž	5,84	66.53	18:18		130.0	
10634- AAB	IEEE 802,118c WFI (BDMHz, MCSE, 00pc duty cycle)	X.	5.79	66.89 67.45	18 21	0.40	130.0	=9.6%
	CONT. CONT.	Y	5.63	66.56	16:26	-	400.0	
		2	5.56	66,95	16.31		130,0	-
TD635- MAB	IEEE 802,11ac WilFi (80MHz, MCSS), 50pc duty cycle)	X	5,68	66.48	16.03	0.48	130.0	185%
		Y	5.52	65,92	15.67	-	130.0	
	and an artist of the second	12	6,99	66.16	15.02		130.0	
10636- AAC	(EEE #02 Trac WIFI (160WHz, MCS), Blipc duty cycle)	8	6.07	67:13	16.52	0,46	130.0	=9.0 K
		14	5,96	86.65	16.23		1200	
TARACT.		2	5,87	66.97	18.23.		130.0	
10037- VAC:	IEEE 802:11as Well (160MHz, MCS). 30pc daily cycle)	X	6.23	87.50	16.68	0.46	130.0	±88%
		Y	6.11	67.04	15.40		130.D	
0655-	were first to the tractal tractal	7	6.00	62.28	16.38		130.0	
AAC	IEEE 802.11nc WIFI (160MHz, MCS2, Ripo dusy cycle)	8	6.23	57.47	16.85	0.46	130.0	+563

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170.000								
10639- AAC	BEEE 802 11ac WIFI (160MHz, MCS3) 80pc duly cycle)	×	6.23	87.49	18.70.	0,46	130.0	#38 W
		Y	6.09	66.97	18,39		130.0	1
		Z	6.00	67.25	16.37	-	130/0	100
1064U- AAQ	IEEE 802 11ac WIFI (160MHz, MCS4) 90pc duty cycle)	×	8.25	87.63	16.67	0.46	130.0	=884
	4.07.00	Y	5.11	07.01	15.35		130.0	
	July 10 years and the second	Z	5.99	67.21	16.79		1.305.0	
10641- AAC	EEE 802 11ac WFI (160MHz, MCS5, 90pc duty cycle)	8	8.25	87.31	18,67	0.46	130.0	=967
		8	6,13	86.85	15/30		130.0	-
10642	were detailed to the tenant of the an	Z	6.03	87.11	16.26	97.16	130.0	
AAC	EEE 802.11nc WFI (180MHz, MCS6. 90pa duty cyale)	×	6.33	67.65	16.91	0.46	130.0	3989
		Υ.	6.18	67.13	16,60	_	130.0	_
10643	Terre No. 1/Contemporary Contemporary	Z	8.10	67:47	16.62	0.45	130.0	
AAC	EEE 802,11ee WEI (160MHz, MCS7 30pc duty cycle)	8	8.15	87.31	16.65	D,46	136.0	±357
		y Z	5.91	65.62 67.06	16.30		130.0	-
10644 AAC	IEEE 802.11ec WIFI (160MHz, MCSS, 90pc duty cycle)	8	6.35	67.93	16.30	0.46	130.0	1965
nnu	dupo salty dysics	· Y	6.21	87.40	16.85		136.0	-
		Z	8.05	67.49	16.53	-	130.0	
10645 AAC	IEEE 802.11ac WIFI (160MHz, MCS0, 90pc duty cycle)	×	6,71	68.51	17.21	D.46	120,0	1969
		TY.	0.68	68:36	17.09		130.0	
		1.7.	6.25	67.70	16:59		130.0	
10646- AAE	LTE-TOD (SC-FDMA, 1 RB, 5 MHz DPSK, UL Subframe=2,7)	X	86,17	140.32	45.40	9.30	60.0	± 0.6 5
		Y.	39,04	122/64	40.63		60.0	
	Control of the Contro	Z	16.19	104,43	33.83		80.0	100
10847- AAF	LTE-TDD (SC-FDMA, 1 R6, 20 MHz QPSK, UL Subframe 2, 7)	Х	80.46	139.77	45,45	9:30	60,0	±967
		Y	36.72	121.94	40.86		60.0	
	Acres and the second	2	16.41	102.98	33.52	Acces	60.0	1.556
10848- AAA	CDMA2000 (1x Advanced)	X	0.87	08.51	13:20	0.00	150,0	1957
		Y	0.58	fil 72	9.15		150.0	
		2.	0.69	54.60	11.24		150.0	-
10652- AAD	LTE-TDD (OFDMA 5 MHz: B-TM 8.1. Clipping 44%)	×	4.31	65.00	17.78	2.23	0,00	+ 9.8,1
		Y	3.89	67.35	16.71		90.0	_
Encire	LIFE THE COURSE OF SALES	Z X	3.64 4.72	67.10 67.94	16,29 17,64	2.23	80.0	1963
10653- AAD	LTE-TDD (OFDMA, 10 MHz; E-TM 3.1; Clipping 44%)	150	4.40	66.72	16.87	2.23	80.0	2963
		Y.	4.16	66.48	16.48		80.0	
10654- AAD	LTE-TDD (OFDMA, 15 MHz, B-TM 3.1, Cipping 44%)	×	4,64	87.52	17.60	2.23	80.0	19.65
HALLE	Supplied and sulf	Y	4.35	66.39	16.88		86.0	
		2	4.14	66.16	16.50	5	80.0	
10055- AAE	LTE-TOD (OFDMA, 20 MHz, E-TM 3.1, Clapping 44%)	×	4.69	67.54	17.64	2.25	80.0	29.65
7		Y	9.42	06.40	16.52		60.0	
	Landan and the state of the sta	Z	4.18	BE 14	16.53	55.3	80.0	
10658- AAA	Pulse Wayeform (200)4z: 10%)	×	100,00	116.63	30.15	10.00	50.0	± 9.6 9
100		4	27.27	97.34	24.81		50.0	
	A. C.	Z	5.43	73.00	14.99		50.0	
10659 AAA	Pulse Waveform (200Hz, 20%)	×	100,00	114.06	27.78	6.99	60.0	±8.61
		Y	100.00	111.99	26.70		60.0	

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October 24, 2018

10680- AAA	Pulse Waveform (200Hz, 40%)	×	100.00	113.57	26.20	3.98	80.0	± 9.5 %
2000000		Y	100.00	108.48	23.71		80.0	
00000	Carlotte Marian Carlotte Carlotte	Z	17.55	86.88	16.64		80.0	
10661- AAA	Pulse Waveform (200Hz, 60%)	X	100.00	116.76	26.28	2.22	100.0	19.6%
		Y	100.00	105.43	21.11		100.0	
		Z	100.00	100.82	18.62		100.0	
10662- AAA	Pulse Waveform (200Hz, 80%)	X	100.00	127,89	28.96	0.97	120.0	± 9.6 %
		Y	3.43	74.94	10.68		120.0	
Leaven	Laurence de la companya de la compan	Z.	100.00	98.67	16.42	Arrest	120.0	1,000
10670- AAA	Bluetooth Low Energy	×	100.00	117.22	26.83	2.19	100.0	± 9.6 %
500000		Y	100.00	107.88	22.47		100.0	
	Market and the second s	Z	100.00	104.58	20.49		100.0	

<sup>&</sup>lt;sup>5</sup> 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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Accinetitation No.: SCS 0108

Auden

Conficus No: EX3-3801\_Jun18

## **CALIBRATION CERTIFICATE**

Diser

EX3DV4 SN:3801

Calibration procedure(s)

QA CAL-51 v9, QA CAL-12.v9, QA CAL-14.v4, QA CAL-23.v5. QA CAL-25.v6

Calibration procedure for dosimetric E-field probes

Caldywyns date:

June 26, 2018

The content continue decimients the emopolisity to national standards, which replize the physical units of measurements (SI). ocurrements and the uncertainties with confidence probability are given on the lottowing pages and are part of the certificate

All controllers have some conducted in the closed laboratory facility: unwranteen temperature (22 ± 3)\*C and humality < 70%

Calibration Equipment count (M&TE comov) for carbonnon)

Primary Standards	(1)	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN. 104778	64 Apr. 18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-201	SN 103244	04-Apr-15 (No. 217-02672)	Apr. 49
Power sensor NRF-Z91	5N 183245	04-Apr-18 (No. 217-02675)	April 19
Reference 20 dB Attenuator	3N-85277 (20x)	04-Apr-18 (No. 217-02662)	Apr-19
Reference Photo ES3DV2	SN: 3013	30-Dec-17 (No. ES3-3013 Dec17)	Den-18
DAE4	SN 660	21-Dec-17 (No. DAE4 680, Dec17)	Dec-18
Secondary Standards	/D	Check Date (In house)	Schoduled Check
Power meter E44190.	SN GB41295874	85-Apr-16 (in house check Jun-18)	In house check: Jun-20
Promer service E4412A	SN: MY41408087	86-Apr-15 (in house check Jun-18)	In house theck, Jun-20
Power sensor E4412A	SN 000110210	85-Apr-16 (in bruse check Jun-18)	In house theck: Jun-20
RF generator HP 8648C	SN: US3642U01700	B4-Aug-99 (in house check Jun-18)	In house theck: Juli-20
Network Artalyzer HP 8793E	SN 1837/9090	18-First-Oil (in house check Oct-17)	In house sheek Out 18

Carerated by Claudio Laubia Barboragery Technician Kaya Pokovic Approved by Technical Managar Issued, June 27, 2016 The pallowine surfices and remove reproduced except in full without written approved of the laboratory

Certificate No. EX3-3601 Jun 15

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Calibration Laboratory of Schmid & Partner

Engineering AG





Schweizerischer Kallbrierdinnst S Вегую зиляе д'ехајаннада Servizio evidzero di tarefure was Calibration Service

Accreditation No.: SCS 0108

Actividated by the Swiss Accordination Service (DAS)

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Glossary:

tissue simulating liquid NORMx.y.z sensitivity in free space sensitivity in TSL / NORMx,y,2 CONVE diade compression point

CF A.B.C.D crest factor (1/duty, cycle) of the RF signal modulation dependent invarization parameters

Potanzation of g rotation around prohe axis

Polerization a If relation around an axis that is in the plane normal to probe axis (at measurement center).

.e., 8 = 0 is normal to probe axis.

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, TIEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices. Measurement

Accomption rate (pArt) in the number have from whereas communications are set (SAR) from rund, from rund field and body-mounted devices used work to the set (frequency range of 300 MHz to 6 GHz). July 2016 EC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wholess communication devices used in body frequency range of 30 MHz to 6 GHz)", March 2010 do KOB 883664. "SAR Measurement Requirements for 100 MHz to 6 GHz?"

#### Methods Applied and Interpretation of Parameters:

MORMx, y.z. Assessed for E-field polarization 3 = 0.11 = 900 MHz in TEM-cell; 1 > 1800 MHz; R22 waveguide) NORMx,y z are only intermediate values, i.e., the uncontainties of NORMx,y z does not affect the E<sup>2</sup> field uncertainty inside TSL (see below ConvF).

NORMITY. y.2 - NORMX.y.z "frequency insponse (see Frequency Response Chart). This investigation is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of Correct.

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 collected but determined based on the signal

Ax.y.z: Bx.y.z: Gx.y.z: Dx.y.z: V7x.y.z: A. B. C. D are numerical invarization parameters assessed based in the date 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  $\Gamma \simeq 800$  MHz) and inside waveguide using analytical field distributions based on power measurements for  $\Gamma \simeq 800$  MHz. The same setups are used for assessment of the parameters appear for boundary compensation (alphs, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensibility in TSL corresponds to NORMs, r.z.\* ConvF wheretry the uncommittely corresponds to that given for ConvF. A frequency dependent DavivF is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100. MHz

Scheman (solingly (3)) deviation from (solingly), in a field of low gradients realized using a flat phantom

exposed by a patch antenna.

Sensor Offset: This sensor offset colvesponds to the offset of Virtual measurement center from the probe to (on probe swis). No tolerance required.

Commotor Angle: The angle is assessed using the information gained by determining the NORMs (m) uncertainty required).

Bertificase No. EX3:0801\_Jun18

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EX3DV4 - 5N: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!)

Certificate No: EX3-3801 Jun 18

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EX3DV4- SN:3801

June 26, 2018

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

#### Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm (µV/(V/m) <sup>2</sup> ) <sup>A</sup>	0.53	0.57	0.52	± 10.1 %
DCP (mV) <sup>8</sup>	101.8	101.3	96.8	

#### Modulation Calibration Parameters

UID	Communication System Name		A dB	B dB√μV	С	D dB	VR mV	Unc <sup>b</sup> (k=2)
0	CW	X	0.0	0.0	1.0	0.00	166.4	±3.0 %
		Y	0.0	0.0	1.0		173.4	
		Z	0.0	0.0	1.0		164.7	

Note: For details on UID parameters see Appendix.

#### Sensor Model Parameters

	C1 fF	C2 fF	v-1	T1 ms.V <sup>-2</sup>	T2 ms.V⁻¹	T3 ms	T4 V <sup>-2</sup>	T5 V-1	Т6
X	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%.

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<sup>&</sup>lt;sup>6</sup> The uncertainties of Norm X,Y,Z do not affect the E<sup>2</sup>-field uncertainty inside TSL (see Pages 5 and 6).

<sup>8</sup> Numerical linearization parameter: uncertainty not required:

<sup>9</sup> 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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EX3DV4-SN:3801 June 26, 2018

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

#### Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) <sup>c</sup>	Relative Permittivity	Conductivity (S/m) <sup>F</sup>	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (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 9
835	41.5	0.90	9.08	9.08	9.08	0.51	0.85	± 12.0 9
900	41.5	0.97	8.95	8.95	8.95	0.51	0.87	± 12.0 9
1450	40.5	1.20	8.17	8.17	8.17	0.33	0.80	± 12.0 9
1750	40.1	1.37	8.10	8.10	8.10	0.39	0.84	± 12.0 9
1900	40.0	1.40	7.78	7.78	7.78	0.36	0.84	± 12.0 9
2100	39.8	1.49	7.90	7.90	7.90	0.35	0.80	± 12.0 9
2450	39.2	1.80	7.08	7.08	7.08	0.35	0.86	± 12.0 9
2600	39.0	1.96	6.94	6.94	6.94	0.40	0.86	± 12.0 9
3500	37.9	2.91	6.88	6.88	6.88	0.25	1.20	± 13.1 5
5200	36.0	4.66	4.93	4.93	4.93	0.40	1.80	± 13.1 9
5300	35.9	4.76	4.70	4.70	4.70	0.40	1.80	± 13.1 9
5500	35.6	4.96	4.82	4.82	4.82	0.40	1.80	± 13.1 9
5600	35.5	5.07	4.69	4.69	4.69	0.40	1.80	± 13.1 9
5800	35.3	5.27	4.61	4.61	4.61	0.40	1.80	± 13.1 9

E 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, 90 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.

\*At frequencies below 3 GHz, the validity of tissue parameters (ic and e) can be released to ± 10% if liquid compensation formula is applied to measured 54R values. At frequencies above 3 GHz, the validity of tissue parameters (ic and e) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

\*AphalDepth 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 5p diameter from the boundary.

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EX3DV4-SN:3801

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

#### Calibration Parameter Determined in Rody Tiesus Simulating Modia

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity (S/m) <sup>F</sup>	ConvF X	ConvF Y	ConvF Z	Alpha <sup>0</sup>	Depth <sup>G</sup> (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 9
750	55.5	0.98	9.19	9.19	9.19	0.49	0.83	± 12.0 9
835	55.2	0.97	9.04	9.04	9.04	0.53	0.80	± 12.0 9
900	55.0	1.05	9.01	9.01	9.01	0.44	0.89	± 12.0 9
1450	54.0	1.30	7.93	7.93	7.93	0.33	0.80	± 12.0 9
1750	53.4	1.49	7.68	7.68	7.68	0.49	0.82	± 12.0 9
1900	53.3	1.52	7.37	7.37	7.37	0.38	0.86	± 12.0 9
2100	53.2	1.62	7.79	7.79	7.79	0.42	0.80	± 12.0 9
2450	52.7	1.95	7.19	7.19	7.19	0.41	0.84	± 12.0 9
2600	52.5	2.16	7.01	7.01	7.01	0.30	0.99	± 12.0 9
3500	51.3	3.31	6.90	6.90	6.90	0.25	1.25	± 13.1 9
5200	49.0	5.30	4.23	4.23	4.23	0.50	1.90	± 13.1 9
5300	48.9	5.42	4.09	4.09	4.09	0.50	1.90	± 13.1 9
5500	48.6	5.65	3.94	3.94	3.94	0.50	1.90	± 13.1 9
5600	48.5	5.77	3.80	3.80	3.80	0.50	1.90	± 13.1 9
5800	48.2	6.00	3.95	3.95	3.95	0.50	1.90	± 13.1 9

<sup>&</sup>lt;sup>6</sup> 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.

At frequencies below 3 GHz, the validity of tissue parameters (it and o') can be released to ± 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (it and o') is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target issue parameters.

AphiaDepth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always lises 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.

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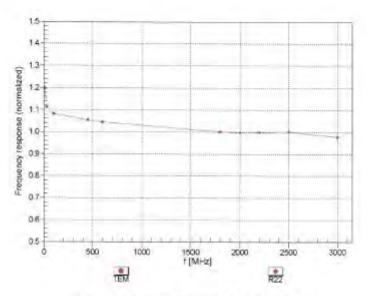
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June 26, 2018

## 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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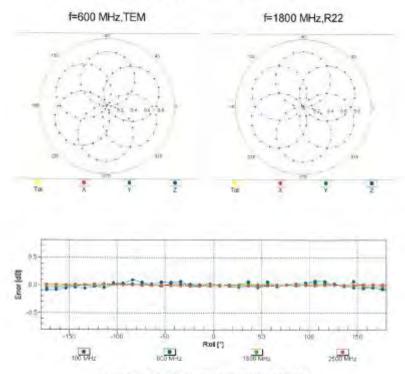
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## Receiving Pattern (φ), 9 = 0°



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

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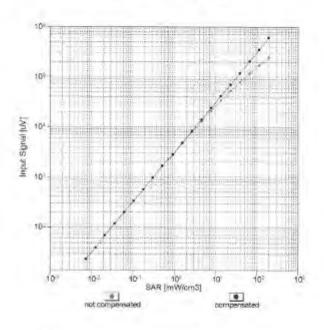


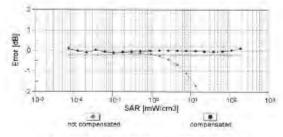
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### Dynamic Range f(SARhead) (TEM cell | feral= 1900 MHz)





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

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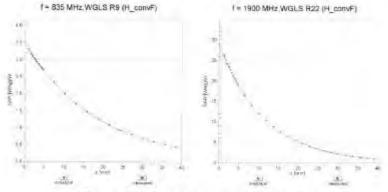
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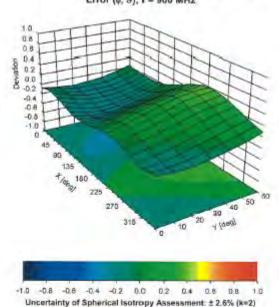
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EX3DV4-3N;3801 June 26, 2018 Conversion Factor Assessment f = 835 MHz, WGLS R9 (H\_convF) ( = 1900 MHz WGLS R22 (H\_convF)



## Deviation from Isotropy in Liquid Error (¢, 3), f = 900 MHz



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

#### Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (*)	126.3
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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Appendix: Modulation Calibration Parameters

UID	Communication System Name		A dB	B dB√μV	С	D dB	WR mV	Max Unc <sup>E</sup> (k=2)
0	CW	Х	0.00	0.00	1.00	0.00	166.4	± 3.0 %
		Y	0.00	0.00	1.00	0.00	173.4	2 0.0 79
		Z	0.00	0.00	1.00		164.7	
10010- CAA	SAR Validation (Square, 100ms, 10ms)	X	3.37	69.78	12.74	10.00	20.0	± 9.6 %
		Y	6.44	76.86	15.76		20.0	
		ż	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		150.0	
		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 %
		Y	1.20	64.42	15.48		150.0	
		Z	1.09	62.83	14.21		150.0	
10013- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps)	Х	4.80	66.58	16.95	1.46	150.0	± 9.6 %
		Y	4.93	66.87	17.23		150.0	
		Z	4.79	66.54	16.94		150.0	
10021- DAC	GSM-FDD (TDMA, GMSK)	Х	100.00	116.48	28.92	9.39	50.0	± 9.6 %
		Υ	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 %
		Y	100.00	116.71	29.35		50.0	
		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		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 %
		Y	15.97	110.85	44.06		50.0	
		Z	4.44	71.01	26.44		50.0	
10026- DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	Х	11.01	95.24	33.64	9.56	60.0	± 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)	Х	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)	Х	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		100.0	
10029- DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	Х	6.96	84.53	28.40	7.80	80.0	± 9.6 %
		Y	12.11	97.00	33.17		80.0	
10030- CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	X	6.28 100.00	82.79 111.17	27.89 25.02	5.30	80.0 70.0	± 9.6 %
CAM		Y	100.00	112.86	26.19		70.0	
		Ż	100.00	112.10	25.26		70.0	
10031- CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	X	100.00	105.29	20.26	1.88	100.0	± 9.6 %
2741		Y	100.00	113.55	24.19		100.0	
							100.0	

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10032- CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Х	100.00	101.22	17.75	1.17	100.0	± 9.6 %
2		Υ	100.00	116.20	24.29		100.0	
		Ż	100.00	100.56	17.31		100.0	
10033- CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH1)	Х	18.92	99.43	26.35	5.30	70.0	±9.6%
		Υ	100.00	126.11	33.82		70.0	
		Z	20.67	102.09	27.36		70.0	
10034- CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Х	3.06	75.57	16.71	1.88	100.0	± 9.6 %
		Υ	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)	X	1.83	70.29	14.26	1.17	100.0	± 9.6 %
		Υ	4.00	80.98	19.27		100.0	
		Z	1.74	70.11	14.32		100.0	
10036- CAA	IEEE 802.15.1 Bluelooth (8-DPSK, DH1)	X	30.39	106.85	28.45	5.30	70.0	±9.6 %
		Y	100.00	126.44	33.98		70.0	
		Z	35.81	110.82	29.76		70.0	
10037- CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Х	2.84	74.70	16.36	1.88	100.0	± 9.6 %
		Y	8.90	90.73	22.69		100.0	
		Z	2.69	74.65	16.52		100.0	
10038- CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Х	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)	Х	1.12	65.78	11.74	0.00	150.0	± 9.6 %
		Y	1.72	71.14	15.18		150.0	
		Z	1.13	65.83	11.81		150.0	
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)	Х	0.04	119.18	11.18	0.00	150.0	±9.6 %
		Y	0.01	110.75	9.59		150.0	
		Z	0.04	119.30	10.88		150.0	
10048- CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	×	100.00	116.95	30.57	13.80	25.0	± 9.6 %
		Y	100.00	118.90	31.58		25.0	
		Z	100.00	115.50	29.86		25.0	
10049- CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	X	100.00	116.02	29.07	10.79	40.0	±9.6 %
		Υ	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)	Х	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 Mops)	Х	1.16	64.21	14.95	0.61	110.0	± 9.6 %
		Υ	1.31	66.27	16.46		110.0	
		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)	Х	4.56	66.41	16.26	0.49	100.0	± 9.6 %
		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 Mops)	Х	4.58	66.53	16.38	0.72	100.0	± 9.6 %
	1	Y	4.72	66.85	16.68		100.0	
		Z	4.58	66.50	16.38		100,0	
10064- CAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mops)	Х	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)	Х	4.75	66.74	16.76	1.21	100.0	± 9.6 %
		Y	4.90	67.11	17.07		100.0	
		Ż	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	
		Z	4.77	66.76	16.95		100.0	
10067- CAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps)	Х	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)	Х	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	
10089- CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	Х	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)	Х	4.91	66.72	17.29	1.99	100.0	± 9.6 %
		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)	Х	4.90	67.07	17.53	2.30	100.0	± 9.6 %
		Y	5.05	67.46	17.86		100.0	
		Z	4.89	67.01	17.52		100.0	
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	
		ż	4.97	67.24	17.90		100.0	
10074- CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	X	5.00	67.29	18.10	3.30	100.0	± 9.6 %
		Y	5.15	67.70	18.46		100.0	
		Z	4.97	67.19	18.08		100.0	
10075- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	Х	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)	Х	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 9
		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 %
		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 %
		Υ	1.06	60.10	5.42		80.0	
		Z	0.82	60.00	4.83		80.0	
10090- DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	Х	100.00	113.61	26.61	6.56	0.00	±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)	X	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)	X	1.57	65.77	14.15	0.00	150.0	± 9.6 %
		Y	1.75	67.41	15.45		150.0	
		Z	1.57	65.73	14.14		150.0	
10099- DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	Х	11.08	95.35	33.68	9.56	60.0	± 9.6 %
		Υ	27.49	117.79	41.28		60.0	
		Z	9.94	93.45	33.20		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	
		Z	2.79	68.46	15.56		150.0	
10101- CAD	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	Х	3.04	66.54	15.23	0.00	150.0	± 9.6 %
		Y	3.21	67.43	15.84		150.0	
		Z	3.04	66.53	15.23		150.0	
10102- CAD	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	X	3.15	66.58	15.37	0.00	150.0	± 9.6 %
		Y	3.32	67.39	15.93		150.0	
		Z	3.15	66.57	15.36		150.0	
10103- CAD	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	X	6.94	77.02	20.93	3.98	65.0	±9.6%
		Y	8.30	79.59	21.98		65.0	
		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	3.96	65.0	± 9.6 %
		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)	×	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)	×	2.36	66.83	15.03	0.00	150.0	± 9.6 %
		Y	2.58	67.96	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		150.0	
10114- CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	X	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		150.0	
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)	Х	5.07	66.99	16.17	0.00	150.0	± 9.6 %
		Y	5.20	67.33	16.40		150.0	
		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)	Х	5.33	67.12	16.33	0.00	150.0	± 9.6 %
		Υ	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)	Х	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)	Х	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)	X	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)	Х	1.67	66.36	14.09	0.00	150.0	± 9.6 %
		Y	1.96	68.43	15.60		150.0	
		Z	1.68	66.34	14.10		150.0	
10143- CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	Х	2.13	66.92	14.26	0.00	150.0	± 9.6 %
		Y	2.43	68.64	15.63		150.0	
		Z	2.14	66.91	14.27		150.0	
10144- CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 84-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	
10145- CAE	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	Х	0.89	61.84	8.95	0.00	150.0	± 9.6 %
OAE	mine, ser only	Y	1.18	64.72	11.53		150.0	
		ż	0.90	61.92	9.05		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	
		ż	1.48	63.51	9.75		150.0	
10147- CAE	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	X	1.66	64.83	10.55	0.00	150.0	± 9.6 %
CAE		Y	2.53	69.23	13.24		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 %
J. 102	- Sarany	Y	2.88	67.31	15.77		150.0	
		ż	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)	Х	7.29	79.43	21.93	3.98	65.0	± 9.6 %
		Y	9.32	83.12	23.40		65.0	
		Z	6.94	78.98	21.87		65.0	
10152- CAD	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	Х	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)	Х	6.57	75.50	21.13	3.98	65.0	± 9.6 %
		Υ	7.80	78.18	22.37		65.0	
		Z	6.29	74.99	21.02		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 %
		Υ	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)	×	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)	Х	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	
		Z	1.75	65.04	12.50		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 %
		Υ	2.73	68.18	16.14		150.0	
		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)	X	2.49	67.29	15.33	0.00	150.0	± 9.6 %
		Υ	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)	Х	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		150.0	
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	
10167- CAE	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	Х	4.04	71.48	19.17	3.01	150.0	± 9.6 %
UNE		Y	4.70	73.38	19.92		150.0	

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10168- CAE	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	Х	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 %
		Υ	3.18	70.11	19.36		150.0	
		Z	2.75	67.60	18.22		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 %
		Υ	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)	X	2.99	69.00	17.71	3.01	150.0	± 9.6 %
		Y	3.76	72.40	19.07		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	
		Z	8.39	91.68	29.04		65.0	
10173- CAD	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	X	17.47	101.05	30.02	6.02	65.0	± 9.6 %
		Y	73.48	124.50	35.94		65.0	
		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 %
		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)	Х	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		150.0	
10176- CAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	Х	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		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	
		Z	2.74	67.46	18.06		150.0	
10178- CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16- QAM)	Х	3.56	72.65	20.32	3.01	150.0	± 9.6 %
		Y	4.63	76.72	21.81		150.0	
		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 %
		Υ	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 %
		Y	3.75	72.33	19.02		150.0	
		Z	2.95	68.75	17.52		150.0	
10181- CAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	Х	2.75	67.59	18.17	3.01	150.0	± 9.6 %
		Y	3.17	69.93	19.20		150.0	
10182-	LTE-FDD (SC-FDMA, 1 RB, 15 MHz,	X	2.73 3.56	67.44 72.62	18.06 20.31	3.01	150.0 150.0	± 9.6 %
CAD	16-QAM)							
		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 %
		Υ	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)	X	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	
10187- CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	Х	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- GAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	Х	3.68	73.28	20.71	3.01	150.0	± 9.6 %
		Y	4.80	77.49	22.22		150.0	
		Z	3.63	73.04	20.56		150.0	
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 %
		Υ	3.85	72.83	19.33		150.0	
		Z	3.02	69.15	17.80		150.0	
10193- CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	Х	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)	Х	4.53	66.52	15.92	0.00	150.0	± 9.6 %
		Y	4.67	66.86	16.20		150.0	
		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 %
		Υ	4.50	66.60	16.10		150.0	
		Z	4.38	66.25	15.80		150.0	
10197- CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16- QAM)	Х	4.54	66.53	15.94	0.00	150.0	± 9.6 %
		Υ	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)	Х	4.57	66.56	15.96	0.00	150.0	± 9.6 %
		Υ	4.71	66.90	16.23		150.0	
		Z	4.58	66.55	15.95		150.0	
10219- CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	Х	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 %
		Υ	4.68	66.85	16.21		150.0	
		Z	4.54	66.49	15.92		150.0	
10221- CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64- QAM)	Х	4.58	66.50	15.95	0.00	150.0	± 9.6 %
		Υ	4.72	66.83	16.22		150.0	
		Z	4.59	66.49	15.94		150.0	
10222-	IEEE 802.11n (HT Mixed, 15 Mbps,	Х	4.93	66.68	16.09	0.00	150.0	± 9.6 %
CAC	BPSK)							
	BPSK)	Y	5.04	67.01	16.33		150.0	

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10223- CAC	IEEE 802.11n (HT Mixed, 90 Mbps, 16- QAM)	Х	5.24	66.96	16.26	0.00	150.0	± 9.6 %
0.10	www.	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	
		Ż	4.98	66.78	16.07		150.0	
10225- CAB	UMTS-FDD (HSPA+)	X	2.61	65.30	14.50	0.00	150.0	± 9.6 %
		Y	2.77	66.01	15.22		150.0	
		Z	2.62	65.28	14.51		150.0	
10226- CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	Х	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)	Х	18.47	100.66	29.36	6.02	65.0	± 9.6 %
		Y	61.00	119.15	34.00		65.0	
		Z	16.71	99.46	29.10		65.0	
10228- CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	Х	11.22	97.35	30.90	6.02	65.0	± 9.6 %
		Υ	42.26	122.26	37.83		65.0	
		Z	9.70	95.02	30.26		65.0	
10229- CAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16- QAM)	Х	17.60	101.16	30.06	6.02	65.0	± 9.6 %
		Υ	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)	Х	16.98	99.07	28.81	6.02	65.0	± 9.6 %
	1	Y	54.30	116.97	33.37		65.0	
		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	
		Z	9.21	93.87	29.80		65.0	
10232- CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16- QAM)	X	17.57	101.15	30.06	6.02	65.0	± 9.6 %
	· ·	Y	73.88	124.60	35.97		65.0	
		Z	15.69	99.70	29.73		65.0	
10233- CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64- QAM)	Х	16.93	99.04	28.80	6.02	65.0	±9.69
		Y	54.26	116.98	33.37		65.0	
		Z	15.34	97.87	28.54		65.0	
10234- CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	X	10.13	95.03	29.94	6.02	65.0	±9.69
		Υ	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	±9.69
		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)	×	17.15	99.23	28.85	6.02	65.0	± 9.6 9
		Y	55.30	117.26	33.44		65.0	
		Z	15.54	98.06	28.59		65.0	
10237- CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	X	10.63	96.19	30.45	6.02	65.0	± 9.6 9
		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	
		2	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	
		Z	15.28	97.83	28.53		65.0	
10240- CAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	X	10.60	96.15	30.43	6.02	65.0	±9.6 %
		Υ	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)	Х	8.68	82.76	26.12	6.98	65.0	± 9.6 %
		Υ	11.24	87.33	27.87		65.0	
		Ż	8.20	81.79	25.80		65.0	
10242- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	Х	8.24	81.67	25.60	6.98	65.0	± 9.6 %
		Υ	9.94	84.69	26.78		65.0	
		Z	7.73	80.54	25.21		65.0	
10243- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	Х	6.66	78.27	25.11	6.98	65.0	±9.6 %
	· ·	Υ	7.69	80.76	26.19		65.0	
		Ž	6.24	77.03	24.63		65.0	
10244- CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	Х	6.51	76.73	18.61	3.98	65.0	±9.6 %
		Υ	8.90	80.96	20.59		65.0	
		Z	6.20	76.45	18.60		65.0	
10245- CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	Х	6.23	75.82	18.19	3.96	65.0	± 9.6 %
		Y	8.52	80.01	20.18		65.0	
		Z	5.95	75.55	18.18		65.0	
10246- CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	Х	5.89	78.26	19.20	3.96	65.0	± 9.6 %
		Y	10.33	86.66	22.77		65.0	
		Z	5.69	78.38	19.42		65.0	
10247- CAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	Х	5.27	73.98	18.20	3.98	65.0	±9.6 %
		Y	6.98	78.14	20.37		65.0	
		Z	5.06	73.79	18.26		65.0	
10248- CAD	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	Х	5.20	73.29	17.89	3.96	65.0	±9.6%
		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)	Х	7.64	82.87	21.98	3.98	65.0	±9.6 %
		Y	12.50	90.52	24.99		65.0	
		Z	7.27	82.69	22.09		65.0	
10250- CAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	Х	6.39	77.19	21.35	3.98	65.0	± 9.6 %
		Y	7.97	80.62	22.94		65.0	
		Z	6.07	76.69	21.28		65.0	
10251- CAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	Х	5.95	74.70	19.94	3.98	65.0	± 9.6 %
		Y	7.31	77.83	21.49		65.0	
		Z	5.69	74.26	19.87		65.0	
10252- CAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	Х	7.81	82.79	23.08	3.98	65.0	± 9.6 %
		Y	11.09	88.26	25.20		65.0	
		Z	7.35	82.26	23.04		65.0	
10253- CAD	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	X	6.02	73.87	20.02	3.98	65.0	±9.6 %
		Y	7.15	76.53	21.33		65.0	
		Z	5.76	73.39	19.91		65.0	
10254- CAD	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	Х	6.41	74.89	20.77	3.98	65.0	± 9.6 %
		Υ	7.57	77.46	22.02		65.0	
		Ż	6.13	74.39	20.66		65.0	
							999.96	

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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 %
		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)	Х	4.69	71.51	15.31	3.98	65.0	± 9.6 %
		Y	6.81	76.30	17.77		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 %
		Y	6.44	75.12	17.21		65.0	
		Z	4.29	70.34	14.77		65.0	
10258- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	Х	4.06	72.26	15.82	3.98	65.0	± 9.6 %
		Υ	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)	Х	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)	Х	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	
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		65.0	
10262- CAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	Х	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	
10263- CAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	Х	5.94	74.67	19.93	3.98	65.0	± 9.6 %
		Y	7.30	77.80	21.49		65.0	
		Z	5.68	74.24	19.86		65.0	
10264- CAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	Х	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)	Х	6.14	74.37	20.28	3.98	65.0	±9.6 %
		Y	7.36	77.20	21.61		65.0	
		Z	5.87	73.89	20.17		65.0	
10266- CAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	Х	6.57	75.48	21.12	3.98	65.0	± 9.6 %
		Y	7.80	78.16	22.36		65.0	
		Z	6.28	74.97	21.00		65.0	
10267- CAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	Х	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)	×	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	1000
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	
		Z	6.65	75.97	20.82		65.0	

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10274- CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rei8.10)	X	2.40	65.55	14.34	0.00	150.0	± 9.6 %
		Y	2.55	66.36	15.12		150.0	
		Z	2.40	65.52	14.34		150.0	
10275- CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rei8.4)	Х	1.37	65.59	13.82	0.00	150.0	±9.6 %
		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		50.0	
		Z	2.33	62.06	7.69		50.0	
10278- CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	X	4.98	72.46	15.62	9.03	50.0	±9.6 %
		Y	8.77	80.80	19.53		50.0	
		Z	5.06	73.09	15.89		50.0	
10279- CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	Х	5.10	72.72	15.78	9.03	50.0	±9.6 %
		Y	8.97	81.08	19.68		50.0	
		Z	5.19	73.36	16.06		50.0	
10290- AAB	CDMA2000, RC1, SO55, Full Rate	Х	0.97	64.08	10.61	0.00	150.0	±9.6 %
		Y	1.37	68.00	13.49		150.0	
		Z	0.98	64.13	10.68		150.0	
10291- AAB	CDMA2000, RC3, SO55, Full Rate	X	0.58	62.04	9.17	0.00	150.0	±9.6 %
		Y	0.77	65.07	11.88		150.0	
		Z	0.58	62.07	9.23		150.0	
10292- AAB	CDMA2000, RC3, SO32, Full Rate	X	0.64	63.79	10.46	0.00	150.0	±9.6 %
		Υ	0.99	69.13	14.24		150.0	
10000		Z	0.64	63.81	10.51		150.0	
10293- AAB	CDMA2000, RC3, SO3, Full Rate	Х	0.81	66.57	12.32	0.00	150.0	±9.6%
		Υ	1.56	75.54	17.45		150.0	
10007	201112000 001 000 100 0	Z	0.81	66.55	12.35		150.0	
10295- AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	X	11.79	88.13	24.57	9.03	50.0	± 9.6 %
		Y	13.93	91.96	26.60		50.0	
		Z	12.03	89.02	24.99		50.0	
10297- AAC	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	Х	2.43	67.83	15.42	0.00	150.0	± 9.6 %
		Υ	2.71	69.51	16.44		150.0	
40055	LEE FOR OR FOLLY	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	
10000		Z	1.18	64.25	11.49		150.0	
10299- AAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	Х	2.14	67.38	12.81	0.00	150.0	±9.6%
		Y	2.87	70.55	14.69		150.0	
10000	LEE FROM CONTROLL FOR THE CONTROL CONT	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	
10301- AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	X	1.63 4.80	63.41 65.91	10.08 17.41	4.17	150.0 50.0	± 9.6 %
7001	Tomria, Gran, Posoj	Y	5.18	67.15	18.29		50.0	
		Z	4.75		18.29		50.0	
10302-	IEEE 802.16e WiMAX (29:18, 5ms,	X	5.25	65.66		4.00	50.0	1000
AAA	10MHz, QPSK, PUSC, 3 CTRL symbols)			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 %
		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 %
		Y	5.06	66.59	17.94		50.0	
		Z	4.76	65.63	17.23		50.0	
10305- AAA	IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols)	Х	4.90	69.87	20.22	6.02	35.0	± 9.6 %
		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)	Х	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- AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols)	Х	4.92	68.28	19.55	6.02	35.0	± 9.6 %
		Y	5.25	69.46	20.56		35.0	
		Z	4.82	67.84	19.36		35.0	
10308- AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	Х	4.92	68.59	19.73	6.02	35.0	± 9.6 %
		Y	5.26	69.83	20.78		35.0	
		Z	4.82	68.12	19.53		35.0	
10309- AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols)	Х	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		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)	Х	1.00	62.64	14.01	0.17	150.0	± 9.6 %
		Y	1.09	64.02	15.23		150.0	
		Z	0.99	62.54	13.97		150.0	
10316- AAB	IEEE 802.11g WiFi 2.4 GHz (ERP- OFDM, 6 Mbps, 96pc duty cycle)	Х	4.44	66.34	15.98	0.17	150.0	± 9.6 %
		Y	4.58	66.68	16.29		150.0	
		Z	4.45	66.32	15.98		150.0	
10317- AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	Х	4.44	66.34	15.98	0.17	150.0	± 9.6 %
		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		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 %
- UVU		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)	×	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	
		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	
		Ż	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 R8, 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		0.08	
		Z	100.00	125.61	31.93		80.0	
10415- AAA	IEEE 802.11b WIFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	×	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		150.0	
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	
		Z	4.38	66.25	15.86		150.0	
10417- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	Х	4.37	66.26	15.86	0.00	150.0	±9.6%
		Y	4.50	66.58	16.15		150.0	
		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)	Х	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)	Х	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)	Х	4.64	66.66	16.02	0.00	150.0	± 9.6 %
		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 Mops, 64-QAM)	X	4.57	66.61	15.99	0.00	150.0	± 9.6 %
		Y	4.72	66.95	16.27		150.0	
		Z	4.58	66.60	15.99		150.0	
10425- AAB	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	×	5.19	66.94	16.22	0.00	150.0	± 9.6 %
		Y	5.31	67.25	16.45		150.0	
		Z	5.20	66.93	16.22		150.0	
10426- AAB	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	Х	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 %
- U No	or wanty	Y	5.33	67.26	16.44		150.0	
		Z						_
10430-	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	X	5.22 4.02	70.30	16.22	0.00	150.0	±9.6%
AAB	LTE-FOO (OFDMA, 5 MHZ, E-1M 3.1)				17.56	0.00		± 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)	Х	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	
		Z	4.33	66.61	15.89		150.0	
10433- AAB	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	Х	4.58	66.64	16.01	0.00	150.0	± 9.6 %
		Y	4.73	66.99	16.29		150.0	
		Z	4.59	66.63	16.01		150.0	
0434- W-CDMA (B	W-CDMA (BS Test Model 1, 64 DPCH)	X	4.06	70.92	17.34	0.00	150.0	± 9.6 %
		Y	4.27	71.30	17.90		150.0	
		Z	4.06	70.88	17.35		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	31.60	3.23	80.0	± 9.6 %
		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 %
		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	
		ż	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 %
	- Company Company	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%)	X	4.36	66.40	15.85	0.00	150.0	± 9.6 %
	and a second	Y	4.49	66.75	16.14		150.0	
		ż	4.37	66.38	15.84		150.0	
10451- AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	X	3.07	66.27	14.09	0.00	150.0	± 9.6 %
	Supplied As to the	Y	3.35	67.23	15.01		150.0	
		Z	3.09	66.28	14.12		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 %
	and alone	Y	6.17	67.80	16.60		150.0	
		ż	6.11	67.59	16.46		150.0	
10457-	UMTS-FDD (DC-HSDPA)	X	3.68	64.94	15.56	0.00	150.0	+9.6%
AAA	OMIG-FDD (DOTIODEN)	Ŷ	3.76	65.22	15.86	0.00	150.0	2 3.0 %
		Z	3.68	64.92	15.56		150.0	-
10458- AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	×	3.64	69.83	16.43	0.00	150.0	± 9.6 %
70'01	Carrieray	Y	3.92	70.59	17.30		150.0	
		Z	3.65	69.81	16.46		150.0	
40450	CDAMAGOOD (A-D) DO Do B	X	4.90		17.78	0.00	150.0	± 9.6 %
10459- AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)		4.90	68.31	17.78	0.00	150.0	± 9.6 %
		Y	4.99	68.05	17.92		150.0	
		-	4.90	68.27	17.79		150.0	

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10460- AAA	UMTS-FDD (WCDMA, AMR)	Х	0.70	64.51	13.31	0.00	150.0	± 9.6 %
		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)	X	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	
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	
		Z	7.60	81.91	17.44		80.0	
10463- AAA	LTE-TDD (SC-FDMA, 1 R8, 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	
		Z	1.89	66.79	11.65		80.0	
10464- AAA	LTE-TDD (SC-FDMA, 1 R8, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	126.35	32.27	3.23	80.0	± 9.6 %
		Υ	100.00	124.09	31.55		80.0	
.0.1.		Z	100.00	126.89	32.42		80.0	
10465- AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	×	5.43	78.04	16.22	3.23	80.0	± 9.6 %
		Υ	61.58	101.53	22.35		80.0	
		Z	4.13	75.48	15.36		80.0	
10466- AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	Х	1.84	66.23	11.40	3.23	80.0	± 9.6 %
		Y	5.22	75.15	14.66		80.0	
		Z	1.61	65.19	10.92		80.0	
10467- AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	×	100.00	126.67	32.42	3.23	80.0	± 9.6 %
		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 %
		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)	Х	100.00	126.70	32.42	3.23	80.0	± 9.6 %
		Y	100.00	124.39	31.67		80.0	
		Z	100.00	127.26	32.58		80.0	
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	
		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	
		Z	1.60	65.17	10.90		80.0	
10473- AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	126.67	32.40	3.23	80.0	± 9.6 %
		Y	100.00	124.35	31.66		80.0	
		Z	100.00	127.22	32.56		80.0	
10474- AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	Х	6.23	79.51	16.69	3.23	80.0	± 9.6 %
		Y	89.77	105.43	23.23		80.0	
		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)	Х	1.83	66.18	11.37	3.23	80.0	± 9.6 %
		Y	5.17	75.07	14.62		80.0	
		1 1	0.17	75.07	14.02		00.0	

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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 %
		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)	Х	1.81	66.09	11.33	3.23	80.0	± 9.6 %
		Y	5.09	74.88	14.55		0.08	
		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 %
		Y	22.20	101.96	27.87		80.0	
		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 %
		Y	20.63	93.88	23.53		80.0	
		Z	11.71	87.23	21.36		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	82.86	19.53	3.23	80.0	± 9.6 %
		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)	Х	2.52	69.21	14.96	2.23	80.0	± 9.6 %
		Y	5.13	78.71	19.34		80.0	
		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	
		Z	4.60	74.09	16.78		80.0	
10484- AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	4.44	73.15	16.36	2.23	80.0	± 9.6 %
		Y	6.72	78.36	18.77		80.0	
		Z	4.14	72,49	16.16		80.0	
10485- AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	3.13	72.16	17.32	2.23	80.0	± 9.6 %
		Y	5.32	79.69	20.70		80.0	
		Z	3.02	71.96	17.37		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)	Х	2.94	67.68	14.83	2.23	80.0	± 9.6 %
		Y	4.10	72.11	17.30		80.0	
		Z	2.88	67.63	14.91		80.0	
10488- AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	3.50	71.98	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	
10489- AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	3.43	68.78	16.82	2.23	80.0	± 9.6 9
		Y	4.19	71.55	18.33		80.0	
		Z	3.34	68.53	16.79		80.0	
10490- AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	3.52	68.64	16.78	2.23	80.0	±9.63
		Y	4.25	71.23	18.22		80.0	
		Z	3.43	68.39	16.75		80.0	
10491- AAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	3.74	70.64	17.84	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)	X	3.79	68.16	16.96	2.23	80.0	± 9.6 %
		Y	4.44	20.02	48.44		80.0	
		Y	4.41	70.27	18.11		00.0	

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10493- AAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	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)	Х	4.02	71.95	18.24	2.23	80.0	± 9.6 %
		Y	5.39	76.25	20.12		80.0	
		Z	3.90	71.68	18.20		80.0	
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 %
		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	
40.45	I WE WERE IN COLUMN	Z	3.81	88.02	17.05		80.0	
10497- AAA		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)	Х	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)	Х	1.38	60.00	8.24	2.23	80.0	±9.6 %
		Y	2.00	63.38	10.85		80.0	
		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)	Х	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 %
		Υ	4.19	72.26	17.86		80.0	
40500	1 95 955 10 0 00 10 10 10 10 10 10 10 10 10 10 1	Z	3.11	68.40	15.83		80.0	
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	
		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)	Х	3.45	71.77	18.08	2.23	80.0	± 9.6 %
		Y	4.88	76.80	20.35		80.0	
		Z	3.33	71.45	18.04		80.0	
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-	LECTRO INC. PRAIS	Z	3.32	68.43	16.73		80.0	
10505- 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		80.08	
40500	I TO MAKE THE PARTY OF THE PART	Z	3.41	68.30	16.69		80.0	
10508- AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	3.99	71.81	18.17	2.23	80.0	± 9.6 %
		Y	5.34	76.07	20.04		80.0	
10507-	LITE TOD 400 FOLIA 4000 BE	Z	3.87	71.54	18.13		80.0	
10507- AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	Х	3.80	68.43	17.11	2.23	80.0	± 9.6 %
		Y	4.45	70.68	18.30		80.0	
		1 1	4.40	79.00	10,30		80.13	

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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)	Х	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 %
		Y	4.88	70.06	18.13		80.0	
		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)	X	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		80.0	
10512- AAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Х	4.50	72.02	18.14	2.23	80.0	± 9.6 %
		Y	5.87	75.98	19.85		80.0	
		Z	4.38	71.80	18.12	0.00	80.0	1000
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	
		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)	Х	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)	Х	0.88	61.83	13.34	0.00	150.0	± 9.6 %
		Y	0.94	62.98	14.49		150.0	
		Z	0.88	61.80	13.32	0.00	150.0	1000
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 %
		Z	0.57	70.03 64.53	16.74		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 %
7001	maps, sope only eyesy	Y	0.79	64.81	15.03		150.0	
		Z	0.70	62.78	13.27		150.0	
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)	×	4.53	66.54	15.95	0.00	150.0	± 9.6 %
		Y	4.68	66.89	16.24		150.0	
10500	THE ROLL AND THE PAIN AND THE	Z	4.54	66.53	15.95	0.00	150.0	± 9.6 %
10520- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	X	4.38	66.47	15.86	0.00	150.0	± 9.6 %
		Y Z	4.53	66.84	15.86		150.0	
10521- AAB	IEEE 802.11a/h WIFi 5 GHz (OFDM, 24 Mbps, 99pc duly cycle)	X	4.39	66.44	15.83	0.00	150.0	±9.6%
AND	mopo, sope out cycle)	Y	4.46	66.84	16.15		150.0	
		ż	4.32	66.44	15.83		150.0	
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 W/Fi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	×	4.27	66.46	15.79	0.00	150.0	± 9.6 %
		Y	4.40	66.80	16.08		150.0	
		Z	4.28	66.44	15.79		150.0	
10524- AAB	IEEE 802.11a/h WIFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	×	4.32	66.49	15.90	0.00	150.0	± 9.6 %
		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 %
		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	
		Z	4.40	65.82	15.57		150.0	
10528- AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 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	
		Z	4.41	65.83	15.60		150.0	
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	
		Z	4.41	65.83	15.60		150.0	
10531- AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	X	4.38	65.90	15.59	0.00	150.0	± 9.6 %
		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	
		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	
		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	
		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	
		Z	5.03	66.17	15.81		150.0	
10536- AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	Х	4.90	66.11	15.76	0.00	150.0	±9.6 %
		Y	5.03	68.47	16.01		150.0	
		Z	4.91	66.11	15.76		150.0	
10537- AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	Х	4.95	66.08	15.75	0.00	150.0	±9.6 %
		Y	5.08	66.43	16.00		150.0	
		Z	4.96	66.07	15.75		150.0	
10538- AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	X	5.04	66.10	15.80	0.00	150.0	±9.6 %
		Υ	5.17	66.45	16.05		150.0	
		Z	5.04	66.09	15.80		150.0	
10540- AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)	Х	4.97	66.08	15.81	0.00	150.0	±9.6 %
0.0		Y	5.11	66.47	16.07		150.0	
		Z						

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10541-	IEEE 802.11ac WiFi (40MHz, MCS7,	X	4.96	65.97	15.74	0.00	150.0	± 9.6 %
AAB	99pc duty cycle)							
		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)	Х	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	
		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 duly cycle)	X	5.48	66.56	15.92	0.00	150.0	± 9.6 %
		Y	5.59	66.86	16.12		150.0	
		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)	×	5.62	67.15	16.20	0.00	150.0	± 9.6 %
	1 , , , ,	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)	×	5.38	66.38	15.86	0.00	150.0	± 9.6 %
	1	Y	5.49	66.68	16.06		150.0	
		Z	5.39	66.37	15.85		150.0	
10551- AAB	IEEE 802.11ac WIFI (80MHz, MCS7, 99pc duty cycle)	×	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 %
7012	sope day of any	Y	5.41	66.53	15.95		150.0	
		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	
		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	
		Z	5.72	66.50	15.85		150.0	
10555- AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	Х	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		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		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	
		Z	5.82	66.71	15.96		150.0	

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10558- AAC	IEEE 802.11ac WIFI (160MHz, MCS4, 99pc duty cycle)	×	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)	Х	5.96	66.91	16.11	0.00	150.0	± 9.6 %
		Y	6.20	67.62	16.50		150.0	
		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	
		Z	4.70	66.43	16.03		150.0	
10565- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 12 Mbps, 99pc duty cycle)	Х	4.91	66.87	16.35	0.46	150.0	± 9.6 %
		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	
10569- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 48 Mbps, 99pc duty cycle)	Х	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)	Х	1.10	63.42	14.47	0.46	130.0	± 9.6 %
		Υ	1.22	65.16	15.85		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)	Х	1.11	63.89	14.77	0.46	130.0	±9.6%
		Y	1.24	65.79	16.22		130.0	
		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)	Х	1.08	73.84	17.41	0.46	130.0	± 9.6 %
		Υ	4.49	96.37	26.07		130.0	
		Z	1.00	73.13	17.22		130.0	
10574- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	Х	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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10575-	IEEE 802.11g WiFi 2.4 GHz (DSSS-	Х	4.50	66.27	16.10	0.46	130.0	±9.6%
۸۸۸	OFDM, 6 Mbps, 90pc duty cycle)	Y	4.63	66.61	16.40		130.0	
		Z	4.50	66.26	16.40		130.0	
10576-	IEEE 802.11g WIFi 2.4 GHz (DSSS-	X	4.52	66.45	16.10	0.46	130.0	± 9.6 %
AAA	OFDM, 9 Mbps, 90pc duty cycle)	^	4.52	00.40	10.17	0.46	130.0	± 9.0 %
	and a second control of the second control o	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)	Х	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 %
		Y	4.75	67.20	16.72		130.0	
		Z	4.61	66.83	16.43		130.0	
10579-	IEEE 802.11g WIFi 2.4 GHz (DSSS-	X	4.36	66.09	15.70	0.46	130.0	± 9.6 %
AAA	OFDM, 24 Mbps, 90pc duty cycle)	Y	4.52	66.52	16.06		130.0	
		ż	4.37	66.07	15.70		130.0	
10580-	IEEE 802.11g WIFi 2.4 GHz (DSSS-	X	4.41	66.16	15.74	0.46	130.0	± 9.6 %
AAA	OFDM, 36 Mbps, 90pc duty cycle)					0.40		2 0.0 %
		Υ	4.57	66.57	16.09		130.0	
		Z	4.42	66.15	15.74		130.0	
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 %
		Υ	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)	Х	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)	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	
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 %
		Y	4.65	66.77	16.46		130.0	
		Z	4.52	66.43	16.17		130.0	
10585- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	Х	4.70	66.71	16.33	0.46	130.0	± 9.6 %
	maper cope and spens	Y	4.85	67.04	16.62		130.0	
		Ż	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%
- 5 165		Y	4.75	67.20	16.72		130.0	
		ż	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-	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36	X	4.41	66.16	15.74	0.46	130.0	± 9.6 %
AAB	Mbps, 90pc duty cycle)	Y	4.57	66.57	16.09		130.0	
		7	4.42	66.15	15.74		130.0	
10589- AAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48	X	4.50	66.88	16.37	0.46	130.0	± 9.6 %
AAB	Mbps, 90pc duty cycle)	Y	4.65	67.26	16.67		130.0	
			4.51	66.86	16.37		130.0	
10500	WEEE BOOK 14-D. MICH & COLL- (CCCC) C.	Z	4.30	65.86	15.49	0.46	130.0	± 9.6 %
10590- AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	X				U.40		18.0%
		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)	Х	4.79	68.67	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	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)	X	4.70	66.55	16.21	0.46	130.0	±9.6 %
		Y	4.85	66.90	16.51		130.0	
		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	
10595- AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	X	4.72	66.69	16.28	0.46	130.0	± 9.6 %
		Y	4.87	67.03	16.56		130.0	
		Z	4.73	66.67	16.28		130.0	
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	
		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	
10599- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	×	5.32	66.88	16.47	0.46	130.0	±9.6%
		Y	5.44	67.19	16.70		130.0	
		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 %
		Y	5.56	67.56	16.85		130.0	
		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)	Х	5.52	67.44	16.80	0.46	130.0	±9.6 %
		Y	5.63	67.66	16.97		130.0	
		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	
		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	
		Z	5.46	67.22	16.67		130.0	
10606- AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	X	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				

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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		130.0	
		Z	4.54	65.83	15.81		130.0	
10610- AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	×	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		130.0	
10612- AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	X	4.50	65.94	15.85	0.46	130.0	± 9.6 %
		Y	4.67	66.35	16.18		130.0	
		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, MCSO, 90pc duty cycle)	×	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)	X	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	
		Z	5.10	66.29	16.15		130.0	
10619- AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	×	5.10	66.08	15.98	0.46	130.0	± 9.6 %
		Y	5.23	66.42	16.22		130.0	
		Z	5.11	66.08	15.98		130.0	
10620- AAB	IEEE 802.11ac WFi (40MHz, MCS4, 90pc duty cycle)	×	5.18	66.12	16.05	0.46	130.0	± 9.6 %
		Y	5.32	66.47	16.30		130.0	
		Z	5.19	66.12	16.05		130.0	
10621- AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	X	5.20	66.27	16.24	0.46	130.0	± 9.6 %
		Y	5.32	66.58	16.46		130.0	
		Z	5.20	66.27	16.25		130.0	
10622- AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	X	5.21	66.44	16.32	0.46	130.0	± 9.6 %
770		Y	5.33	66.73	16.53		130.0	
		Z	5.22	66.44	16.33		130.0	

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10623- AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	X	5.08	65.93	15.93	0.46	130.0	± 9.6 %
		Y	5.21	66.29	16.19		130.0	
		Z	5.09	65.93	15.94		130.0	
10624- AAB	IEEE 802.11ac WIFi (40MHz, MCS8, 90pc duty cycle)	X	5.27	66.16	16.11	0.46	130.0	± 9.6 %
		Y	5.40	66.47	16.35		130.0	
		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)	Х	5.45	66.17	16.04	0.46	130.0	± 9.6 %
		Y	5.55	66.49	16.26		130.0	
		Z	5.46	66.17	16.04		130.0	
10627- AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	X	5.69	66.77	16.30	0.46	130.0	± 9.6 %
		Y	5.78	67.03	16.49		130.0	
		Z	5.69	66.76	16.31		130.0	
10628- AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	X	5.46	66.20	15.95	0.46	130.0	± 9.6 %
		Y	5.58	66.58	16.20		130.0	
		Z	5.47	66.20	15.96		130.0	
10629- AAB	IEEE 802.11ac WFI (80MHz, MCS3, 90pc duty cycle)	×	5.54	66.30	15.99	0.46	130.0	± 9.6 %
		Y	5.66	66.63	16.22		130.0	
		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)	×	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	
		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	
		Z	5.53	66.39	16.09		130.0	
10634- AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	X	5.51	68.41	16.15	0.46	130.0	± 9.6 %
		Y	5.63	66.76	16.38		130.0	
		Z	5.51	66.41	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	±9.6%
		Y	5.52	66.14	15.81		130.0	
40000	IEEE OOO AA AMERIKANIA	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	HEEF COD AL . IN SEC. LAND.	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	
10000	Were non-the-three-trees	Z	6.03	66.93	16.32		130.0	
10638- AAC	(EEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	X	6.02	66.89	16.27	0.46	130.0	±9.6 %
		Y	6.12	67.20	16.48		130.0	
		Z	6.02	66.89	16.28		130.0	

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10539- AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	X	5.99	66.82	16.28	0.46	130.0	± 9.6 %
14.00	sope day cycle)	Y	6.09	67.15	16.50		130.0	
		Z	6.00	66.82	16.29		130.0	
10640- AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle)	X	5.99	66.81	16.22	0.46	130.0	± 9.6 %
		Y	6.10	67.17	16.45		130.0	
		Z	5.99	66.82	16.23		130.0	
10641- AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	Х	6.05	66.80	16.24	0.46	130.0	±9.6%
		Y	6.14	67.07	16.42		130.0	
		Z	6.06	66.80	16.24		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	
		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)	Х	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)	Х	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	
		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)	Х	0.50	60.79	7.93	0.00	150.0	± 9.6 %
		Y	0.64	62.89	10.17		150.0	
		Z	0.50	60.83	7.99		150.0	
10652- AAB	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	Х	3.55	66.61	16.13	2.23	80.0	± 9.6 %
		Y	3.97	68.09	17.10		80.0	
		Z	3.49	66.41	16.10		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	
10654- AAB	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	Х	4.10	65.77	16.48	2.23	80.0	± 9.6 %
		Y	4.40	66.84	17.14		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		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	
		Z	100.00	113.64	27.73		50.0	
10659- AAA	Pulse Waveform (200Hz, 20%)	X	100.00	110.55	25.39	6.99	60.0	±9.69
////		Y	100.00	111.82	26.31		60.0	
			100.00	110.88	25.38		60.0	

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10560- 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	
		Z	100.00	104.99	20.30		100.0	
10662- AAA	Pulse Waveform (200Hz, 80%)	X	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	

<sup>\*</sup>Uncertainty is determined using the max, deviation from linear response applying rectangular distribution and is expressed for the square of the faid value.

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## - End of report -

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