# 15.3 Calibration Certificate for E-Field Probe EX3DV4 - SN 3922

Zeughausstrasse 43, 8004 Zu	ory of	HAC MRA	Service suisse d'étalonnage Servicio suissero di toroturo
Accredited by the Swiss Accred The Swiss Accreditation Serv Multilateral Accommon for the	ice is one of the signatories	s to the EA	creditation No.: SCS 0108
Multilateral Agreement for the Client UL Japan (Vi		Displacement in the second constant	EX3-3922 Nov17
CALIBRATION	CERTIFICATE		
Object	EX3DV4 - SN:392	22	
Calibration procedure(s)	QA CAL-01.v9, Q Calibration proces	A CAL-14.v4, QA CAL-23.v5, Q/ dure for dosimetric E-field probes	A CAL-25.v6
Calibration date:	November 15, 20	17	
All calibrations have been cond	acted in the closed iapolatory	tacility: environment temperature (22 ± 3)°C	and humidity < 70%.
		tacility: environment temperature (22 ± 3)°C	and humidity < 70%.
		Cal Date (Certificate No.)	
Calibration Equipment used (Mi	&TE critical for calibration)	Cal Date (Certificate No.)	Scheduled Calibration
Calibration Equipment used (M Primary Standards Power meter NRP	STE critical for calibration)		Scheduled Calibration Apr-18
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-291	STE critical for calibration)	Cal Date (Certificate No.) 04-Apr-17 (No. 217-02521/02522)	Scheduled Calibration
Calibration Equipment used (Me Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator	BTE critical for calibration)           ID           SN: 104778           SN: 103244	Cal Date (Certificate No.) 04-Apr-17 (No. 217-02521/02522) 04-Apr-17 (No. 217-02521)	Scheduled Calibration Apr-18 Apr-18
Calibration Equipment used (Mi Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Reference Probe ES3DV2	ID           SN: 104778           SN: 103244           SN: 103245	Cal Date (Certificate No.) 04-Apr-17 (No. 217-02521/02522) 04-Apr-17 (No. 217-02521) 04-Apr-17 (No. 217-02525)	Scheduled Calibration Apr-18 Apr-18 Apr-18
Calibration Equipment used (Mi Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Reference Probe ES3DV2	BTE critical for calibration)           ID           SN: 104778           SN: 103244           SN: 103245           SN: 55277 (20x)	Cəl Date (Certificate No.) 04-Apr-17 (No. 217-02521/02522) 04-Apr-17 (No. 217-02521) 04-Apr-17 (No. 217-02525) 07-Apr-17 (No. 217-02528)	Scheduled Calibration Apr-18 Apr-18 Apr-18 Apr-18
Calibration Equipment used (Mi Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards	BTE critical for calibration)           ID           SN: 104778           SN: 103244           SN: 103245           SN: 56277 (20x)           SN: 3013           SN: 660           ID	Cal Date (Certificete No.) 04-Apr-17 (No. 217-02521/02522) 04-Apr-17 (No. 217-02521) 04-Apr-17 (No. 217-02525) 07-Apr-17 (No. 217-02528) 31-Dec-16 (No. ES3-3013_Dec16)	Scheduled Calibration Apr-18 Apr-18 Apr-18 Apr-18 Dec-17
Calibration Equipment used (Me Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards Power meter E4419B	ID           ID           SN: 104778           SN: 103244           SN: 103245           SN: 56277 (20x)           SN: 660           ID           SN: 6B41293874	Cal Date (Certificate No.) 04-Apr-17 (No. 217-02521/02522) 04-Apr-17 (No. 217-02521) 04-Apr-17 (No. 217-02526) 07-Apr-17 (No. 217-02528) 31-Dec-16 (No. 253-3013_Dec16) 7-Dec-16 (No. DAE4-660_Dec16)	Scheduled Calibration Apr-18 Apr-18 Apr-18 Apr-18 Dec-17 Dec-17
Calibration Equipment used (Me Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards Power meter E4419B Power sensor E4412A	BTE critical for calibration)           ID           SN: 104778           SN: 103244           SN: 103245           SN: 55277 (20x)           SN: 3013           SN: 660           ID           SN: GB41293874           SN: MY41498087	Cal Date (Certificate No.) 04-Apr-17 (No. 217-02521/02522) 04-Apr-17 (No. 217-02521) 04-Apr-17 (No. 217-02525) 07-Apr-17 (No. 217-02528) 31-Dec-16 (No. ES3-3013_Dec16) 7-Dec-16 (No. DAE4-660_Dec16) Check Date (in house) 06-Apr-16 (in house check Jun-16) 06-Apr-16 (in house check Jun-16)	Scheduled Calibration Apr-18 Apr-18 Apr-18 Apr-18 Dec-17 Dec-17 Dec-17 Scheduled Check In house check: Jun-18 In house check: Jun-18
Calibration Equipment used (Me Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards Power meter E4419B Power sensor E4412A Power sensor E4412A	BTE critical for calibration)           ID           SN: 104778           SN: 103244           SN: 103245           SN: 3013           SN: 660           ID           SN: GB41293874           SN: MY41498087           SN: 000110210	Cal Date (Certificate No.) 04-Apr-17 (No. 217-02521/02522) 04-Apr-17 (No. 217-02521) 04-Apr-17 (No. 217-02525) 07-Apr-17 (No. 217-02528) 31-Dec-16 (No. ES3-3013_Dec16) 7-Dec-16 (No. DAE4-660_Dec16) Check Date (in house) 06-Apr-16 (in house check Jun-16) 06-Apr-16 (in house check Jun-16)	Scheduled Calibration Apr-18 Apr-18 Apr-18 Dec-17 Dec-17 Dec-17 Scheduled Check In house check: Jun-18 In house check: Jun-18 In house check: Jun-18
Calibration Equipment used (Mi Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Reference 20 dB Attenu	BTE critical for calibration)           ID           SN: 104778           SN: 103244           SN: 103245           SN: 3013           SN: 660           ID           SN: GB41293874           SN: 000110210           SN: US3642U01700	Cal Date (Certificate No.) 04-Apr-17 (No. 217-02521/02522) 04-Apr-17 (No. 217-02521) 04-Apr-17 (No. 217-02525) 07-Apr-17 (No. 217-02528) 31-Dec-16 (No. ES3-3013_Dec16) 7-Dec-16 (No. DAE4-660_Dec16) 	Scheduled Calibration Apr-18 Apr-18 Apr-18 Dec-17 Dec-17 Dec-17 Scheduled Check In house check: Jun-18 In house check: Jun-18 In house check: Jun-18 In house check: Jun-18
Calibration Equipment used (Mi Primary Standards Power meter NRP Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards Power meter E4419B Power sensor E4412A Power sensor E4412A RF generator HP 8648C	BTE critical for calibration)           ID           SN: 104778           SN: 103244           SN: 103245           SN: 3013           SN: 660           ID           SN: GB41293874           SN: MY41498087           SN: 000110210	Cal Date (Certificate No.) 04-Apr-17 (No. 217-02521/02522) 04-Apr-17 (No. 217-02521) 04-Apr-17 (No. 217-02525) 07-Apr-17 (No. 217-02528) 31-Dec-16 (No. ES3-3013_Dec16) 7-Dec-16 (No. DAE4-660_Dec16) Check Date (in house) 06-Apr-16 (in house check Jun-16) 06-Apr-16 (in house check Jun-16)	Scheduled Calibration Apr-18 Apr-18 Apr-18 Dec-17 Dec-17 Dec-17 Scheduled Check In house check: Jun-18 In house check: Jun-18 In house check: Jun-18
Calibration Equipment used (Me Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards Power meter E4419B Power sensor E4412A Power sensor E4412A RF generator HP 8648C Network Analyzer HP 8753E	BTE critical for calibration)           ID           SN: 104778           SN: 103244           SN: 103245           SN: 3013           SN: 660           ID           SN: GB41293874           SN: 000110210           SN: US3642U01700           SN: US37390585	Cal Date (Certificate No.) 04-Apr-17 (No. 217-02521/02522) 04-Apr-17 (No. 217-02521) 04-Apr-17 (No. 217-02525) 07-Apr-17 (No. 217-02528) 31-Dec-16 (No. ES3-3013_Dec16) 7-Dec-16 (No. DAE4-660_Dec16) 	Scheduled Calibration Apr-18 Apr-18 Apr-18 Apr-18 Dec-17 Dec-17 Dec-17 Scheduled Check In house check: Jun-18 In house check: Jun-18 In house check: Jun-18 In house check: Jun-18
Calibration Equipment used (Me Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Reference 20 dB Attenuator Reference Probe ES3DV2 DAE4 Secondary Standards Power meter E4419B Power sensor E4412A Power sensor E4412A RF generator HP 8648C Network Analyzer HP 8753E	BTE critical for calibration)           ID           SN: 104778           SN: 103244           SN: 103245           SN: 3013           SN: 660           ID           SN: GB41293874           SN: 000110210           SN: UJS3642U01700           SN: UJS37390585	Cal Date (Certificate No.) 04-Apr-17 (No. 217-02521/02522) 04-Apr-17 (No. 217-02521) 04-Apr-17 (No. 217-02525) 07-Apr-17 (No. 217-02528) 31-Dec-16 (No. ES3-3013_Dec16) 7-Dec-16 (No. DAE4-680_Dec16) 	Scheduled Calibration Apr-18 Apr-18 Apr-18 Dec-17 Dec-17 Dec-17 Scheduled Check In house check: Jun-18 In house check: Jun-18
	BTE critical for calibration)           ID           SN: 104778           SN: 103244           SN: 103245           SN: 3013           SN: 660           ID           SN: GB41293874           SN: 000110210           SN: US3642U01700           SN: US37390585	Cal Date (Certificate No.) 04-Apr-17 (No. 217-02521/02522) 04-Apr-17 (No. 217-02521) 04-Apr-17 (No. 217-02525) 07-Apr-17 (No. 217-02528) 31-Dec-16 (No. ES3-3013_Dec16) 7-Dec-16 (No. DAE4-660_Dec16) 06-Apr-16 (In house) 06-Apr-16 (In house check Jun-16) 06-Apr-16 (In house check Jun-16) 06-Apr-16 (In house check Jun-16) 04-Aug-99 (In house check Jun-16) 18-Oct-01 (In house check Jun-16) 18-Oct-01 (In house check Oct-17) Function	Scheduled Calibration Apr-18 Apr-18 Apr-18 Dec-17 Dec-17 Dec-17 Scheduled Check In house check: Jun-18 In house check: Jun-18

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



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

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Accreditation No.: SCS 0108

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

#### Glossarv:

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

#### Calibration is Performed According to the Following Standards:

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

#### Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization  $\vartheta = 0$  (f  $\le 900$  MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E<sup>2</sup>-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z \* frequency\_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal (no uncertainty required). DCP does not depend on frequency nor media.
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z; A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f  $\leq$  800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z \* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom
- exposed by a patch antenna. Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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# Probe EX3DV4

# SN:3922

Manufactured: Calibrated: March 8, 2013 November 15, 2017

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

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# DASY/EASY - Parameters of Probe: EX3DV4 - SN:3922

#### **Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm $(\mu V/(V/m)^2)^{\wedge}$	0.64	0.56	0.59	± 10.1 %
DCP (mV) <sup>b</sup>	97.5	100.2	99.5	

# **Modulation Calibration Parameters**

UID	Communication System Name		Α	B	С	D	VR	Unc <sup>E</sup>
			dB	dBõV		dB	mV	(k=2)
) CW		Х	0.0	0.0	1.0	0.00	138.9	±3.3 %
		Y	0.0	0.0	1.0		156.7	
	dataila on LUD name to a A	Z	0.0	0.0	1.0		150.2	

Note: For details on UID parameters see Appendix.

#### **Sensor Model Parameters**

	C1 fF	C2 fF	α V~1	T1 ms,V <sup>-2</sup>	T2 ms.V <sup>-1</sup>	T3 ms	T4 V <sup>-2</sup>	T5 V <sup>-1</sup>	T6
X	52.39	393.1	35.88	23.89	0.589	5.1	0.252	0.526	1.011
<u>Y</u>	35.86	267.6	35.63	13.74	0.000	5.1	0.550	0.302	1.008
Z	51.43	386.8	35.82	22.06	0.49	5.1	0.521	0.493	1,011

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%.

<sup>A</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>9</sup> Numerical linearization parameter: uncertainty not required,
<sup>E</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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# DASY/EASY - Parameters of Probe: EX3DV4 - SN:3922

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity (S/m) <sup>F</sup>	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k=2)
2300	39.5	1.67	7.97	7.97	7.97	0.32	0.86	± 12.0 %
2450	39.2	1.80	7.49	7.49	7.49	0.44	0.83	± 12.0 %
5200	36.0	4.66	5.61	5.61	5.61	0.35	1.80	± 13.1 %
5250	35.9	4.71	5.57	5.57	5.57	0.35	1.80	± 13.1 %
5300	35.9	4.76	5.46	5.46	5.46	0.35	1.80	± 13.1 %
5500	35.6	4.96	5.05	5.05	5.05	0.40	1.80	± 13.1 %
5600	35.5	5.07	4.85	4.85	4.85	0.40	1.80	± 13.1 %
5750	35.4	5.22	5.15	5.15	5.15	0.40	1.80	± 13.1 %
5800	35.3	5.27	5.10	5.10	5.10	0.40	1.80	± 13.1 %

<b>Calibration Parameter</b>	Determined in	Head Tissue	Simulating Media
	Bototimitou in	neud naaue	ununanny meula

<sup>c</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 on be extended to ± 110 MHz. <sup>c</sup> A frequencies below 3 GHz, the validity of tissue parameters (s and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (s and σ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters. <sup>(s</sup> Alpha/Cpeth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

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# DASY/EASY - Parameters of Probe: EX3DV4 - SN:3922

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity (S/m) <sup>F</sup>	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k=2)
835	55.2	0.97	10.27	10.27	10.27	0.50	0.84	± 12.0 %
1900	53.3	1.52	8.07	8.07	8.07	0.43	0.82	± 12.0 %
2300	52.9	1.81	7.92	7.92	7.92	0.36	0.83	± 12.0 %
2450	52.7	1.95	7.68	7.68	7.68	0.33	0.86	± 12.0 %
5250	48.9	5.36	5.05	5.05	5.05	0.35	1.90	± 13.1 %
5600	48.5	5.77	4.29	4.29	4.29	0.45	1.90	±13.1 %
5750	48.3	5.94	4.46	4.46	4.46	0.45	1.90	± 13.1 %

## Calibration Parameter Determined in Body Tissue Simulating Media

<sup>c</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 ± 101 MHz. F Al frequencies below 3 GHz, the validity of tissue parameters (x and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (x and σ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters. Alpha/Depih are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

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

1500 f [MHz]

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

2000

2500

**(\*)** R22 3000

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

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0.5+ 0

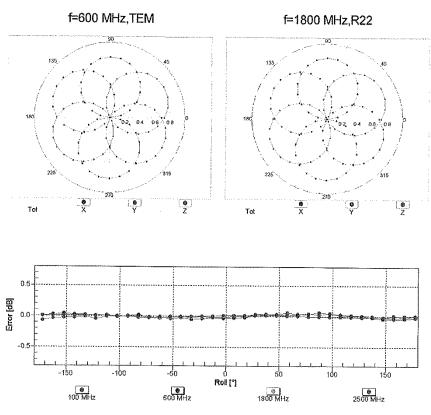
5Ó0

1000

**e** TEM

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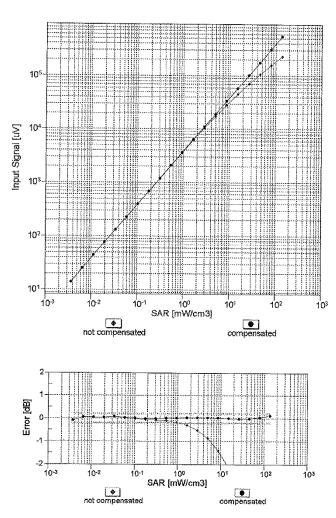
# Receiving Pattern ( $\phi$ ), $\vartheta = 0^{\circ}$

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

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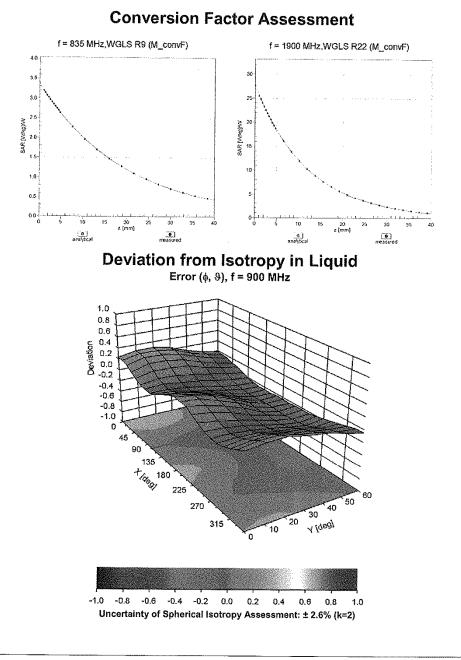
Dynamic Range f(SAR<sub>head</sub>) (TEM cell , f<sub>eval</sub>= 1900 MHz)

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

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# DASY/EASY - Parameters of Probe: EX3DV4 - SN:3922

## **Other Probe Parameters**

Sensor Arrangement	Triangular
Connector Angle (°)	107.5
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	
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	
Recommended Measurement Distance from Surface	1.4 mm

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#### Appendix: Modulation Calibration Parameters

UID	Communication System Name		A dB	B dBõV	c	D dB	VR mV	Max Unc <sup>E</sup> (k=2)
0	CW	X	0.00	0.00	1.00	0.00	138.9	± 3.3 %
		Y	0.00	0.00	1.00		156.7	ļ
10010-	SAR Validation (Square, 100ms, 10ms)	ZX	0.00	0.00	1.00	10.00	150.2	1000
CAA	SAR Validation (Square, Tooms, Toms)		10.22	82.63	17.60	10.00	20.0	± 9.6 %
		Y	2.16	66.68	10.08		20.0	
100/1		Z	4.90	74.46	14.49		20.0	
10011- CAB	UMTS-FDD (WCDMA)	X	1.00	66.46	14.75	0.00	150.0	± 9.6 %
		Ŷ	1.04	68.80	15.85		150.0	
		Z	0.87	63.70	12.66		150.0	
10012- CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps)	X	1.22	64.08	15.31	0.41	150.0	±9.6 %
		Y	1.16	64.51	15.70		150.0	
		Z	1.15	62.70	14.01	Į	150.0	
10013- CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS- OFDM, 6 Mbps)	X	4.97	66.75	17.19	1.46	150.0	± 9.6 %
		Y	4.73	67.05	17.30		150.0	L
40004		Z	4.91	66.44	16.86		150.0	
10021- DAC	GSM-FDD (TDMA, GMSK)	X	100.00	117.75	29.60	9.39	50.0	± 9.6 %
		Y	100.00	114.38	26.81		50.0	
10000		<u>Z</u>	100.00	116.87	28.94		50.0	
10023- DAC	GPRS-FDD (TDMA, GMSK, TN 0)	X	100.00	117.53	29.54	9.57	50.0	± 9.6 %
		Y	100.00	113.42	26.41		50.0	
40004		Z	100.00	116.65	28.87		50.0	
10024- DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	X	100.00	115.80	27.84	6.56	60.0	± 9.6 %
		Y	100.00	116.45	26.88		60.0	
10025-	EDOF FOD (TOMA DOOK THAN	Z	100.00	114.31	26.94	10.57	60.0	
DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	X	6.40	82.36	32.51	12.57	50.0	± 9.6 %
		Y	12.81	114.09	48.03	L	50.0	[
10026-	EDGE-FDD (TDMA, 8PSK, TN 0-1)	ZX	5.39 18.99	77.56	30.20 38.49	0.50	50.0 60.0	1000
DAC	EDGE-FDD (IDMA, OPSK, IN 0-1)					9.56		± 9.6 %
		Y	11.32	102.88	38.36		60.0	
10027-	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	ZX	14.13	101.58 115.92	36.03	4.80	60.0 80.0	± 9.6 %
DAC	GFRS-FDD (TDWA, GWSK, IN 0-1-2)					4.80		19.0 %
		Y	100.00	120.51	27.95	ļ	80.0	
10028-	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	Z X	100.00 100.00	113.62 117.17	25.95 27.09	3,55	80.0 100.0	± 9.6 %
DAC		1		(00.00		ļ		
		Υ Υ	100.00	126.29	29.71		100.0	L
10029-	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	Z	100.00	113.65	25.34	7.00	100.0	LOON
DAC	LUGE-FUD (IDINA, OFSN, IN U-1-2)	X		92.59	31.63	7.80	80.0	± 9.6 %
		Y Z	5.95	85.21 88.00	30.10		80.0	
10030-	IEEE 802.15.1 Bluetooth (GFSK, DH1)	X	8.19 100.00	88.00 114.35	29.77 26.78	5.30	80.0 70.0	± 9.6 %
CAA		Y	100.00	115.18	25.91		70.0	
		Z	100.00	115.18	25.69		70.0	
10031- CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	X	100.00	117,60	25.92	1.88	100.0	± 9.6 %
~// //		Y	100.00	125.73	27.92		100.0	
		Z	100.00	110.37	22.69		100.0	

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10032-	IEEE 802.15.1 Bluetooth (GFSK, DH5)	X	100.00	122.85	27.11	1.17	100.0	± 9.6 %
CAA		Y	400.00	140,20	00.11	<b>_</b>	102.0	ļ
		Z	100.00	140.20	32.41 21.87		100.0	
10033-	IEEE 802.15.1 Bluetooth (PI/4-DQPSK,	X	100.00	128.60	34.99	5.30	70.0	± 9.6 %
CAA	DH1)		100.00	120.00	04.98	0.30	1 10.0	19.0%
		Y	100.00	128.81	34.01	1	70.0	
		Z	37.13	112.00	30.59	-	70.0	1
10034- CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	X	7.99	90.28	23.14	1.88	100.0	± 9.6 %
		Y	30.82	107.13	26.05		100.0	1
		Z	3.26	76.76	18.03	1	100.0	
10035- CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	X	3.43	79.39	19,22	1.17	100.0	±9.6 %
		Y	5.34	85.34	19.62		100.0	
		Z	1.95	70.85	15.34		100.0	
10036- CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	X	100.00	128.98	35.17	5.30	70.0	± 9.6 %
		Y	100.00	129.40	34.27		70.0	
40007		Z	71.70	122.79	33.35	L	70.0	
10037- CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	X	7.27	88.99	22.70	1.88	100.0	± 9.6 %
		Y	18.21	100.58	24.40		100.0	
10038-		Z	3.09	76.13	17.76	<u> </u>	100.0	
CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	X	3.51	80.00	19.55	1.17	100.0	± 9.6 %
		Y	5.56	86.30	20.09	ļ	100.0	
10039-	CDMA2000 (4-BTT PC4)	Z	1.96	71.12	15.55		100.0	
CAB	CDMA2000 (1xRTT, RC1)	X	1.76	70.90	15.48	0.00	150.0	± 9.6 %
		Y	1.46	70.33	13.57	L	150.0	
10042-		Z	1.29	66.18	12.76		150.0	
CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4- DQPSK, Halfrate)	X	100.00	113.36	26.88	7.78	50.0	± 9.6 %
		Y	100.00	110.28	24.34	ļ	50.0	
10044-		Z	100.00	112.04	26.05		50.0	
CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	X	0.00	96.52	4.05	0.00	150.0	±9.6 %
		Y	0.00	110.36	5.41		150.0	
10048-	DECT (TOD TONA (COM OFOIC C #	Z	0.02	107.42	7.74	ļ	150.0	
CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	X	100.00	120.47	31.99	13.80	25.0	±9.6 %
		Y	100.00	110.06	26.00		25.0	
10049-	DECT (TDD, TDMA/FDM, GFSK, Double	Z X	100.00	119.90	31.42	10 80	25.0	
CAA	Slot, 12)		100.00	117.30	29.67	10.79	40.0	± 9.6 %
		Y	1374.02	140.45	31.34		40.0	
10056-	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	Z	100.00	116.43	29.00		40.0	
CAA	UNITO TUD (TD-OCDIMA, 1.20 MCPS)	X	100.00	125.96	34.92	9.03	50.0	± 9.6 %
			100.00	125.07	33.36		50.0	······
10058-	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	ZX	100.00 6.96	125.75	34.63	0.00	50.0	1000
DAC	LUGET DU (IDIMA, OFON, IN U-(-2-3)	X Y		84.61	27.79	6.55	100.0	± 9.6 %
		Z	4.48 5.96	78.52	26.30		100.0	
10059- CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps)	X	1.31	81.17 65.73	26.23 16.21	0.61	100.0 110.0	± 9.6 %
		Y	1.21	65.92	16.54		110.0	
		Z	1.21	63.90	14.69		110.0	
				00.00				
10060- CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	х	100.00	134.97	34.84	1.30	110.0	±9.6 %
10060- CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)		100.00	134.97 144.62	34.84	1.30	110.0 110.0	± 9.6 %

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10061- CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	X	7.25	94.27	26.93	2.04	110.0	± 9.6 %
		Y	5.44	94.48	27.93		110.0	
		Ż	3.47	81.01	21.88		110.0	
10062- CAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	х	4.75	66.65	16.54	0.49	100.0	± 9.6 %
		Y	4.51	66.93	16.63		100.0	
		Z	4.68	66.30	16.18		100.0	
10063- CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps)	X	4.78	66.78	16.66	0.72	100.0	±9.6 %
		Y	4.53	67.06	16.76		100.0	
		Z	4.70	66.42	16.30		100.0	
10064- CAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	X	5.08	67.08	16.91	0.86	100.0	± 9.6 %
		Y	4.78	67.26	16.96		100.0	
		Z	5.01	66.74	16.58		100.0	
10065- CAB	IEEE 802.11a/n WiFi 5 GHz (OFDM, 18 Mbps)	X	4.96	67.04	17.06	1.21	100.0	± 9.6 %
		Y	4.66	67.16	17.09		100.0	
1000-		Z	4.89	66.69	16.71		100.0	
10066- CAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	X	4.99	67.10	17.25	1.46	100.0	± 9.6 %
		Y	4.67	67.18	17.27		100.0	
		Z	4.92	66.75	16.91		100.0	
10067- CAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps)	X	5.29	67.24	17.70	2.04	100.0	±9.6 %
		Y	4.97	67.49	17.80		100.0	
		Z	5.22	66.94	17.39		100.0	
10068- CAB	IEEE 802.11a/h WiFI 5 GHz (OFDM, 48 Mbps)	X	5.37	67.42	18.00	2.55	100.0	± 9.6 %
		Y	5.00	67.43	17.99		100.0	
		Z	5.29	67.10	17.68		100.0	
10069- CAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	X	5.44	67.37	18.17	2.67	100.0	± 9.6 %
		Y	5.07	67.46	18.19		100.0	
		Z	5.37	67.07	17.87		100.0	
10071- CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps)	X	5.08	66.89	17.54	1.99	100.0	± 9.6 %
		Y	4.83	67.15	17.64		100.0	
		Z	5.02	66.59	17.22		100.0	
10072- CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	X	5.09	67.31	17.81	2.30	100.0	±9,6 %
		Y	4.80	67.45	17.88		100.0	
		Z ]	5.02	66.97	17.47		100.0	
10073- CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps)	X	5.17	67.53	18.18	2.83	100.0	± 9.6 %
		Y	4.87	67.68	18.27		100.0	
		Z	5.09	67.18	17.84		100.0	
10074- CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	X	5.16	67.47	18.37	3.30	100.0	± 9.6 %
		Y	4.87	67.63	18.45		100.0	
		Z	5.08	67.11	18.03		100.0	
10075- CAB	IEEE 802.11g WIFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	X	5.22	67.70	18.76	3.82	90.0	± 9.6 %
		Y	4.89	67.67	18.74		90.0	
	1	Z	5.14	67.33	18.42		90.0	
10076- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	X	5.22	67.45	18.86	4.15	90.0	± 9.6 %
		Y	4.92	67.52	18.92		90.0	
		Z	5.14	67.09	18.53		90.0	
10077- CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	X	5.24	67.51	18.95	4.30	90.0	±9.6 %
		ΤγΙ	4.95	67.62	19.04		90.0	

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10081- CAB	CDMA2000 (1xRTT, RC3)	X	0.84	65.40	12.52	0.00	150.0	± 9.6 %
		Y	0.65	64.57	10.44		150.0	
		Z	0,70	62.59	10.41		150.0	
10082- CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4- DQPSK, Fullrate)		1.00	60.00	5.34	4.77	80.0	±9.6 %
	······································	Y	0.65	60.00	4.11		80.0	
		Z	0.94	60.00	5.13		80.0	
10090- DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	X	100.00	115.85	27.88	6.56	60.0	± 9.6 %
		Y	100.00	116.50	26.92		60.0	
		Z	100.00	114.37	26.98		60.0	
10097- CAB	UMTS-FDD (HSDPA)	X	1.80	67.04	15.39	0.00	150.0	± 9.6 %
		Y	1.85	68.99	15.97		150.0	
		Z	1.64	65,18	14.00		150.0	
10098- CAB	UMTS-FDD (HSUPA, Subtest 2)	X	1.76	66.99	15.35	0.00	150.0	± 9.6 %
		Y	1.81	68.96	15.96		150.0	
10000		Z	1.60	65.10	13.94		150.0	
10099- DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	X	19.16	108.92	38.55	9.56	60.0	± 9.6 %
		Y	11.50	103.26	38.49		60.0	
10100-		Z	14.26	101.76	36.08		60.0	
10100- CAD	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	X	3.12	69.96	16.46	0.00	150.0	±9.6%
		Y	3.02	70.58	16.94		150.0	
10101-	LTE EDD (CO EDNUL 4000% DD AD	Z	2.84	68.15	15.30		150.0	
CAD	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	X	3.26	67.34	15.80	0.00	150.0	± 9.6 %
		Y	3.11	67.60	16.01		150.0	
10100		Z	3.13	66.43	15.09		150.0	
10102- CAD	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	X	3.37	67.32	15.90	0.00	150.0	± 9.6 %
		Y	3.21	67.57	16.09		150.0	
10100		Z	3.24	66.46	15.22		150.0	
10103- CAD	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	X	8.33	79.69	22.08	3.98	65.0	± 9.6 %
		Y	6.84	79.07	22.31		65.0	
10/0/		Z	7.34	77.47	21.06		65.0	
10104- CAD	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	X	7.64	76.60	21.68	3.98	65.0	± 9.6 %
		Y	6.15	74.98	21.35		65.0	
10105	1 TC TOD (00 FOLL) (000 DF 11	Z	7.10	75.26	20.98		65.0	
10105- CAD	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	X	7.36	75.84	21.68	3.98	65.0	±9.6 %
		Y	5.92	74.03	21.23		65.0	
10108-	LTE-FDD (SC-FDMA, 100% RB, 10	Z	6.77	74.27	20.87		65.0	
CAE	MHz, QPSK)	X	2.74	69.16	16.27	0.00	150.0	± 9.6 %
		Y	2.61	69.95	16.79	·····	150.0	
10109-	LTE-FDD (SC-FDMA, 100% RB, 10	Z	2.49	67.37	15.08	0.00	150.0	
CAE	MHz, 16-QAM)	X Y	2,92	67.14	15.70	0.00	150.0	± 9.6 %
*****		Z	2.76	67.60	15.89		150.0	*****
10110-	LTE-FDD (SC-FDMA, 100% RB, 5 MHz,		2.78	66.11	14.90	0.00	150.0	
CAE	QPSK)	X Y	2.23	68.18	15.87	0.00	150.0	±9.6 %
			2.10	69.29	16.34		150.0	
10111-	LTE-FDD (SC-FDMA, 100% RB, 5 MHz,	Z	2.02	66.33	14.57		150.0	
CAE	16-QAM)	X	2.63	67.80	15.96	0.00	150.0	± 9.6 %
		Y Z	2.51	68.87	16.15		150.0	
			2.45	66.39	14.92		150.0	

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10112- CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	X	3.05	67.14	15.76	0.00	150.0	± 9.6 %
		Y	2.88	67.64	15.95	******	150.0	
	···	z	2.91	66.18	15.00		150.0	
10113- CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	X	2.78	67.94	16.10	0.00	150.0	±9.6 %
		Y	2.65	69.02	16.27		150.0	
		Z	2.60	66.61	15.11		150.0	
10114- CAB	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	X	5.16	67.08	16.36	0.00	150.0	± 9.6 %
		Y	4.94	67.18	16.47		150.0	
		Z	5.09	66.75	16.02		150.0	
10115- CAB	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	X	5.49	67.32	16.49	0.00	150.0	± 9.6 %
		Y	5.19	67.25	16.50		150.0	
		Z	5.41	66.99	16.16		150.0	
10116- CAB	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	X	5.27	67.31	16.40	0.00	150.0	±9.6 %
		Y	5.03	67.38	16.49		150.0	
		Z	5.19	66.96	16.06		150.0	
10117- CAB	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	×	5.14	67.00	16.33	0.00	150.0	±9.6 %
		Y	4,94	67.14	16.46		150.0	
		Z	5.06	66.66	16.00		150.0	
10118- CAB	IEEE 802.11n (HT Mixed, 81 Mbps, 16- QAM)	X	5.56	67.51	16.58	0.00	150.0	±9.6 %
		Y	5.26	67,44	16.60		150.0	
		Z	5.49	67.17	16.26		150.0	
10119- CAB	IEEE 802.11n (HT Mixed, 135 Mbps, 64- QAM)	X	5.24	67.24	16.37	0.00	150.0	±9.6 %
		Y	5.02	67.37	16.50		150.0	
		Z	5.16	66.89	16.04		150.0	
10140- CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	x	3.41	67.32	15.83	0.00	150.0	±9.6 %
		Y	3.24	67.60	16,01		150.0	
		Z	3.28	66.48	15.15		150.0	
10141- CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	Х	3.53	67.42	16.00	0.00	150.0	±9.6 %
		Y	3.36	67.74	16.19		150.0	
		Z	3.40	66.61	15.35		150.0	
10142- CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	х	2.00	68.09	15.56	0.00	150.0	±9.6 %
		Y	1.87	69.35	15.72		150.0	
		Z	1.78	65.96	14,09		150.0	
10143- CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	X	2.48	68.45	15.72	0.00	150.0	± 9.6 %
		Y	2.33	69.45	15.38		150.0	
		Z	2.25	66.57	14.42		150.0	
10144- CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	X	2.28	66.39	14.23	0.00	150.0	± 9.6 %
		Y	1.98	66.31	13.31		150.0	
		Z	2.12	65.05	13.21		150.0	
10145- CAE	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	×	1.30	65.44	12.36	0.00	150.0	± 9.6 %
		Y	0.79	61.72	8.33		150.0	
		Z	1.12	63.18	10.71		150.0	
10146- CAE	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	X	2.64	70.08	14.27	0.00	150.0	± 9.6 %
		Y	1.12	61.74	7.81		150.0	
		Z	2.13	66.87	12.42		150.0	
10147- CAE	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	X	3.51	73.94	16.07	0.00	150.0	± 9.6 %
UAE								
		Y	1.20	62.39	8.26		150.0	

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10149- CAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	X	2.93	67.20	15.74	0.00	150.0	± 9.6 %
		Y	2.77	67.66	15.94		150.0	1
		Z	2.79	66.16	14.94		150.0	1
10150- CAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	X	3.06	67.19	15.80	0.00	150.0	± 9.6 %
		Y	2.89	67.70	16.00		150.0	
		Z	2.92	66.22	15.04		150.0	
10151- CAD	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	X	9.10	82.72	23.34	3.98	65.0	± 9.6 %
		Y	7.77	83.35	24.03	1	65.0	
····		Z	7.87	80.11	22.17	1	65.0	
10152- CAD	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	X	7.25	76.84	21.53	3.98	65.0	± 9.6 %
		Y	5.77	75.38	21.12		65.0	
		Z	6.65	75.29	20.73		65.0	
10153- CAD	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	X	7.68	77.84	22.31	3.98	65.0	± 9.6 %
		Y	6.19	76.52	21,97	Į	65.0	
		Z	7,06	76.27	21.51		65.0	
10154- CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	X	2.27	68.60	16.13	0.00	150.0	± 9.6 %
		Y	2.14	69.66	16.57	ļ	150.0	
40455		Z	2.05	66.63	14.78		150.0	
10155- CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	X	2.63	67.80	15.97	0.00	150.0	± 9.6 %
		Y	2.51	68.91	16.18		150.0	
		Z	2.45	66.40	14.93		150.0	
10156- CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	X	1.85	68.17	15.39	0.00	150.0	± 9.6 %
		Y	1.69	69.14	15.17		150.0	
		Z	1.62	65.76	13.75		150.0	
10157- CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	X	2.12	66.91	14.29	0.00	150.0	± 9.6 %
		Y	1.79	66.54	13.00	1	150.0	
		Z	1.92	65.19	13.05		150.0	
10158- CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	X	2.79	68.00	16.14	0.00	150.0	± 9.6 %
		Y	2.66	69.10	16.32		150.0	
		Z	2.61	66.65	15.15		150.0	
10159- CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	X	2.23	67.39	14.59	0.00	150.0	± 9.6 %
		Y	1.87	66.87	13.20		150.0	
		Z	2.01	65.56	13.30		150.0	
10160- CAD	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	X	2,74	68.23	16.07	0.00	150.0	±9.6 %
		Y	2.64	69.20	16.55		150.0	
40404		Z	2.55	66.80	15.05		150.0	
10161- CAD	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	×	2.95	67.11	15.74	0.00	150.0	±9.6 %
		Y	2.78	67.68	15.88		150.0	
10102	1 mm m m m h h / fh an ann h h h	Z	2.81	66.11	14.94		150.0	
10162- CAD	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	X	3.06	67.24	15.84	0.00	150.0	± 9.6 %
		Y	2.89	67.90	16.02		150.0	
40400		Z	2.92	66.26	15.07		150.0	
10166- CAE	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	X	3.70	69.58	19.27	3.01	150.0	± 9.6 %
		Y	3.28	69,68	19.46		150.0	
		Z	3.63	69.00	18.75		150.0	
10167- CAE	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	X	4.55	72.43	19.74	3.01	150.0	±9.6 %
		Y	3.95	72.87	20.04		150.0	
	}	Z	4.44	71.75	19.18		150.0	

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		Z	3.44	70.36	18.12		150.0	
		Y	2.88	70.06	18.48		150.0	
10183- AAC	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	Х	3.53	71.14	18.78	3.01	150.0	±9.6 %
10100		Z	4.14	74.19	20.72		150.0	
		Y	3.43	73.75	21.13		150.0	
10182- CAD	LTE-FUD (SC-FUMA, 1 RB, 15 MHz, 16-QAM)		4.21	75.18	21.47	3.01	150.0	± 9.6 %
10182-	LTE-FDD (SC-FDMA, 1 RB, 15 MHz,	ZX	3.05 4.27	68.61 75.18	18.48 21.47	3.01	150.0 150.0	+06%
		Y	2.63	67.97	18.65		150.0	
CAD	QPSK)					~~~		
10181-	LTE-FDD (SC-FDMA, 1 RB, 15 MHz,	X	3.45	69.24	18.13	3.01	150.0	± 9.6 %
		Y Z	2.88 3.45	70.08	18.49 18,13		150.0 150.0	
CAE	QAM)		0.00	70.00	18.49		450.0	
10180-	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-	X	3.54	71.16	18.79	3.01	150.0	±9.6 %
		Z	3.78	72.29	19.77		150.0	
CAE	64-QAM)	Y	3.15	71.97	19.77		150.0	
10179-	LTE-FDD (SC-FDMA, 1 RB, 10 MHz,	X	3.90	73.22	20.10	3.01	150.0	±9.6 %
		Z	4.14	74.21	20.73		150.0	
Urit_	See MV17	Y	3.44	73.78	21.14		150.0	
10178- CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16- QAM)	X	4.28	75.20	21.48	3.01	150.0	± 9.6 %
40470		Z	3.06	68.63	18,48		150.0	
		Y	2.64	67.99	18.65		150.0	
CAG	QPSK)	^	3.12	09.20	19.08	3.01	150.0	± 9.6 %
10177-	LTE-FDD (SC-FDMA, 1 RB, 5 MHz,	ZX	4.19 3.12	74.44 69.26	20.86 19.08	2.04	150.0	100%
		Y	3.46	73.91	21.22		150.0	
CAE	16-QAM)					0.01		2.0.0 10
10176-	LTE-FDD (SC-FDMA, 1 RB, 10 MHz,	X	4.33	75.46	21,62	3.01	150.0	±9,6 %
		Y Z	2.62 3.03	67.88 68.48	18.58 18.39		150.0 150.0	
CAE	QPSK)				10.54			
10175-	LTE-FDD (SC-FDMA, 1 RB, 10 MHz,	X	3.09	69.10	18.97	3.01	150.0	±9.6 %
	······	Z	23.65	103.70	30.13		65.0	
CAD	64-QAM)	Y	23.05	110.98	33.34		65.0	
10174-	LTE-TDD (SC-FDMA, 1 RB, 20 MHz,	X	39.54	113.02	32.93	6.02	65.0	±9.6 %
		Z	32.47	110.93	32.74		65.0	
		Y	30.82	118.44	36.12		65.0	
10173- CAD	16-QAM)	X	55.63	121.17	35.70	6.02	65.0	± 9.6 %
10173-	LTE-TDD (SC-FDMA, 1 RB, 20 MHz,	Z	13.81	99.89	31.52	6.00	65.0	10.02
		Y	8.26	96.77	32.08		65.0	
CAD	QPSK)	^	22.3 (	110.21	04.04	0.02	03.0	1.0.0%
10172-	LTE-TDD (SC-FDMA, 1 RB, 20 MHz,	ZX	3.46 22.91	70,45	18.18 34.84	6.02	150.0 65.0	± 9.6 %
		Y	2.88	70.12	18.52		150.0	
AAD	64-QAM)							
10171-	LTE-FDD (SC-FDMA, 1 RB, 20 MHz,	$\frac{2}{X}$	3.55	74.42	18.84	3.01	150.0	± 9.6 %
		Y Z	3.45 4.18	73.89 74.42	21,21 20.85		150.0 150.0	<u> </u>
CAD	16-QAM)	<u> </u>		70.00				
10170-	LTE-FDD (SC-FDMA, 1 RB, 20 MHz,	X	4.32	75.44	21.61	3.01	150.0	±9.6 %
		Ż	3.07	68.78	18.63		150.0	
070		Y	2.65	68.12	18.80		150,0	
10169- CAD	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	X	3.13	69.42	19.23	3.01	150.0	±9.6 %
40400		Z	4.90	73.87	20.45		150.0	
		Y	4.45	75.52	21.56		150.0	

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10184- CAD	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	x	3.12	69.29	19.09	3.01	150.0	± 9.6 %
		Y	2,64	68.01	18.67	·	150.0	1
		Z	3.06	68.65	18.50		150.0	
10185- CAD	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16- QAM)	x	4.29	75.25	21.51	3.01	150.0	±9.6 %
		Y	3.45	73.82	21.16	1	150.0	1
		Z	4.16	74.26	20.76	1	150.0	
10186- AAD	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64- QAM)	X	3.55	71.20	18.81	3.01	150.0	± 9.6 %
		Y	2.89	70.12	18.52		150.0	
		Z	3.46	70.42	18.15		150.0	1
10187- CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	X	3.13	69.33	19.15	3.01	150.0	± 9.6 %
		Y	2.65	68.08	18.74		150.0	
		Z	3.07	68.70	18.55		150.0	
10188- CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	X	4.44	75.95	21.90	3.01	150.0	± 9.6 %
		Y	3.54	74.36	21.49		150.0	
10100		Z	4.29	74.91	21.13		150.0	1
10189- AAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	X	3.63	71.64	19.09	3.01	150.0	± 9.6 %
		Y	2.95	70.50	18.77		150.0	
1010-		Z	3.53	70.83	18.42		150.0	
10193- CAB	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	X	4.57	66,49	16.08	0.00	150.0	± 9.6 %
		Y	4.36	66.85	16.18		150.0	
		Z	4,49	66.12	15.71		150.0	
10194- CAB	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	X	4.74	66.82	16.20	0.00	150.0	± 9,6 %
		Y	4.50	67.09	16.31	(	150.0	· · · · · · · · · · · · · · · · · · ·
		Z	4.67	66.44	15.83		150.0	
10195- CAB	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	X	4.79	66.85	16.22	0.00	150.0	± 9.6 %
		Y	4.53	67.11	16.33		150.0	
		Z	4.71	66.47	15.85		150.0	
10196- CAB	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	X	4.57	66.56	16.11	0.00	150.0	± 9.6 %
		Y	4.34	66.85	16.17	······	150.0	
		Z	4.50	66.18	15.73		150.0	·
10197- CAB	IEEE 802.11n (HT Mixed, 39 Mbps, 16- QAM)	X	4.76	66.84	16.21	0.00	150.0	± 9.6 %
		Y	4.51	67.10	16.32		150.0	1
		Z	4.68	66.46	15.84		150.0	
10198- CAB	IEEE 802.11n (HT Mixed, 65 Mbps, 64- QAM)	X	4.79	66.86	16.23	0.00	150.0	±9.6 %
		Y	4.53	67.11	16.33		150.0	
100/-		Z	4.71	66.49	15.86		150.0	1
10219- CAB	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	х	4.52	66,57	16.07	0.00	150.0	± 9.6 %
		Y	4.29	66.89	16.14		150.0	
10000		Z	4,45	66.18	15.68		150.0	
10220- CAB	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16- QAM)	Х	4.75	66.82	16.21	0.00	150.0	±9.6 %
		Υ	4.50	67.06	16.31		150.0	
10001		Z	4.68	66.44	15.84		150.0	
10221- CAB	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64- QAM)	х	4.80	66.80	16.22	0.00	150.0	± 9.6 %
		Y	4.54	67.05	16.32		150.0	-
		Z	4.72	66,43	15.85		150.0	
10222- CAB	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	X	5.11	67.01	16.33	0.00	150.0	± 9.6 %
		Y	4.91	67.12	16.44		150.0	
		Z	5.04	66.66	15.99		150.0	

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10223- CAB	IEEE 802.11n (HT Mixed, 90 Mbps, 16- QAM)	X	5.42	67.19	16.44	0.00	150.0	± 9.6 %
		Y	5.17	67.31	16.55		150.0	
		Z	5,35	66.87	16.13		150.0	
10224- CAB	IEEE 802.11n (HT Mixed, 150 Mbps, 64- QAM)	X	5.16	67.12	16.31	0.00	150.0	± 9.6 %
		Y	4.95	67.23	16.43		150.0	
		Z	5.08	66.77	15.97		150.0	
10225- CAB	UMTS-FDD (HSPA+)	X	2.83	65.90	15.26	0.00	150.0	± 9.6 %
		Y	2.64	66.43	15.06		150.0	
		Z	2.73	65.11	14.56		150.0	
10226- CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	×	63.57	123.88	36.49	6.02	65.0	±9.6 %
		Y	35.48	121.38	37.00		65.0	
		Z	36.12	113.06	33.42		65.0	
10227- CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	×	51.61	117.88	34.29	6.02	65.0	±9.6 %
		Y	38.44	120.37	35.86		65.0	
		Z	31.38	108.65	31.57		65.0	
10228- CAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	×	28.51	115.16	36.33	6.02	65.0	± 9.6 %
		Y	9.53	100.12	33.25		65.0	
		Z	17.50	104.98	33.15		65.0	
10229- CAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16- QAM)	×	56.02	121.29	35.74	6.02	65.0	± 9.6 %
		Y	31.08	118.56	36.15		65.0	
		Z	32.73	111.05	32.78		65.0	
10230- CAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64- QAM)	X	46.07	115.69	33.64	6.02	65.0	± 9.6 %
******		Y	32.82	117,30	34.98		65.0	
		Z	28.59	106.87	31.00		65.0	
10231- CAB	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	X	26.24	113.32	35.73	6.02	65.0	±9.6%
		Y	9.00	98.78	32.73		65.0	
		Z	16.41	103.56	32.64		65.0	
10232- CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16- QAM)	X	56.00	121.29	35.74	6.02	65.0	± 9.6 %
		Y	31.03	118.56	36.15		65.0	
		Z	32.69	111.04	32.78		65.0	
10233- CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64- QAM)	X	45.99	115.67	33.63	6.02	65.0	±9.6 %
		Y	32.61	117.20	34.96		65.0	
		Z	28.53	106.85	30.99		65.0	
10234- CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	X	24.41	111.60	35.12	6.02	65.0	±9.6 %
		Y	8.65	97.77	32.27		65.0	1
		Z	15.51	102.25	32.12		65.0	
10235- CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	X	56.25	121.39	35.77	6.02	65.0	± 9.6 %
		Y	31.20	118.68	36.19		65.0	L
		Ż	32.77	111.11	32.80		65.0	
10236- CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	X	46.86	115.97	33.70	6.02	65.0	±9.6 %
		Y	33. <del>6</del> 4	117.72	35.08		65.0	
		Z	28.97	107.08	31.05		65.0	[
10237- CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	X	26.45	113.52	35.78	6.02	65.0	± 9.6 %
		Ý	9.02	98.88	32.77		65.0	
		Z	16.48	103.69	32.68		65.0	
10238- CAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	X	55.98	121.30	35.74	6.02	65.0	± 9.6 %
	1	Y	30.98	118.55	36.15		65.0	[
			00.00	1 110.00	1 30.10	(	1 00.0	

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		Z	6.86	75.60	21.19		65.0	(a)
		Y	6.03	75.88	21.53		65.0	
CAD	64-QAM)				21.97	3.88	65.0	±9.6 %
10254-	LTE-TDD (SC-FDMA, 50% RB, 15 MHz,	ZX	<u>6.47</u> 7.44	74.67	20.48 21.97	3.98	65.0	1000
		Y	5.67	74.89	20.81		65.0	
CAD	16-QAM)					0.50	03.0	19.0%
10253-	LTE-TDD (SC-FDMA, 50% RB, 15 MHz,	X	7,03	83.54	23.47 21.26	3.98	65.0 65.0	± 9.6 %
		Y Z	9.46 8.47	89.47 83.54	26.06		65.0	
CAD	QPSK)			00.17				
10252-	LTE-TDD (SC-FDMA, 50% RB, 10 MHz,	x	10.60	87.58	25.11	3.98	65.0	± 9.6 %
		z	6.50	75.72	20.72		65.0	1
- / ***		Y	5.63	75.97	20,72		65,0	<u> </u>
CAD	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	X	7.19	77.51	21.51	3.98	65.0	± 9.6 %
10251-	I TE TOD /SC EDMA 50% OD 401/11	Z	6.92	78.10	21.92	-	65.0	
		Y	6.20	79.06	22.43		65.0	
CAD	16-QAM)			00.01	20.01	3.90	65.0	± 9.6 %
10250-	LTE-TDD (SC-FDMA, 50% RB, 10 MHz,	ZX	8.74 7.83	84.78 80.37	23.07 23.01	3.98	65.0	+0.0.0/
		Y	11.28	92.21	25.40		65.0	[
CAD	QPSK)							- 0.0 /0
10249-	LTE-TDD (SC-FDMA, 50% RB, 5 MHz,	X	12.17	90.46	25.25	3.98	65.0	± 9.6 %
		Z	4.87 6.00	74.30 75.32	18.18 19.29		65.0 65.0	<u> </u>
CAD	64-QAM)	Y	4 97	74.00	10.10			
10248-	LTE-TDD (SC-FDMA, 50% RB, 5 MHz,	Х	6.88	77.62	20.43	3.98	65.0	± 9.6 %
		ż	6.05	75.99	19.59		65.0	
		Y	5.10	75,52	18,72	h	65.0	<del> </del>
CAD	16-QAM)		7.05	78.53	20.82	3.98	65.0	± 9.6 %
10247-	LTE-TDD (SC-FDMA, 50% RB, 5 MHz,	ZX	7.49	81.97	21.23	0.00	65.0	
		Y	7.46	84.12	21.21		65.0	
CAB	QPSK)							
10246-	LTE-TDD (SC-FDMA, 50% RB, 3 MHz,	X	10.75	87.85	23.54	3.98	65.0	± 9.6 %
		z	5.48 8.04	75.50	20,46		65.0 65.0	+
UAD	64-QAM)		5,48	75.50	17.46		85.0	
10245- CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz,	X	9.55	82.63	21.73	3.98	65.0	± 9.6 %
100		Ζ	8.32	80.61	20.83		65.0	
		Y	5.92	76.90	18.09	<u> </u>	65.0	†
CAB	16-QAM)	^	0.39	03.00	22.10	3.98	0.00	13.6%
10244-	LTE-TDD (SC-FDMA, 50% RB, 3 MHz,	ZX	6.89 9.99	78.08 83.65	25.09 22.16	3.98	65.0 65.0	± 9.6 %
		Y	6.06	79.30	26.24		65.0	1
CAA	QPSK)							
10243-	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz,	X	7,49	79.90	26.00	6.98	65.0	± 9.6 %
		Y Z	8.07 8.78	84.80 81.98	27.50 25.82		65.0 65.0	
CAA	64-QAM)	<u> </u>	0.0		07			ļ
10242-	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz,	X	9.62	83.89	26.70	6.98	65.0	± 9.6 %
		Z	9.42	83.49	26.49		65.0	
<u></u>		Y	8,48	85.82	27.97		65.0	
10241- CAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	X	10.07	84.89	27.17	6.98	65.0	±9.6 %
40044		Z	16.42	103.62	32.66		65.0	
		Y	9.00	98.85	32.76		65.0	
CAD	QPSK)		20.00	110.777	00.10	0.02	00.0	2. 0.0 70
10240-	LTE-TDD (SC-FDMA, 1 RB, 15 MHz,	X	26.33	106.82	30.99 35.76	6.02	65.0 65.0	± 9.6 %
		Y Z	32.42 28.45	117.13	34.95	<b> </b>	65.0	
	64-QAM)			l	<u></u>			
CAD		X	45.90	115.66	33.63	6.02	65.0	± 9.6 %

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10255- CAD	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	X	8.54	81.84	23.25	3.98	65.0	± 9.6 %
		Y	7.24	82.29	23.80		65.0	
		Z	7.45	79.36	22.12		65.0	1
10256- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	X	8.24	79.99	19.83	3.98	65.0	±9.6 %
		Y	3.52	69,17	13.46		65.0	1
		Z	6.74	76.91	18.43		65.0	
10257- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	X	7.70	78.55	19.18	3.98	65.0	± 9.6 %
UMA		Y	3.29	67.96	12.77		65.0	
	·	z	6.41	75.78	17.88		65.0	
10258- CAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	X	8.06	82.58	20.92	3.98	65.0	±9.6 %
		Y	3.74	73.03	15.71		65.0	+
•		Z	5.75	77.43	18.76		65.0	
10259- CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	X	7.35	79.15	21.58	3.98	65.0	± 9,6 %
		Y	5.61	77.14	20.18		65.0	
		Z	6.39	76.75	20.41		65.0	1
10260- CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	X	7.30	78.71	21.41	3.98	65.0	±9.6 %
		Y	5.54	76.53	19.91		65.0	1
		Ż	6.40	76.43	20.30		65.0	
10261- CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	X	10.52	87.84	24.75	3.98	65.0	± 9.6 %
		Y	9.43	89.34	25.09		65.0	1
		Z	8.09	83.22	22.89		65.0	
10262- CAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	X	7.81	80.31	22.96	3.98	65.0	± 9.6 %
		Y	6,18	78.97	22.37	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	65.0	
		Z	6.91	78.04	21.88		65.0	
10263- CAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	X	7.18	77.49	21.51	3.98	65.0	± 9.6 %
		Y	5.62	75.94	20,71		65.0	
	***	Z	6.49	75.70	20,59		65.0	1
10264- CAD	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	Z X	10.47	87.33	25.00	3.98	65.0	±9.6 %
		Y	9.30	89.13	25.91		65.0	
		Z	8.38	83.33	23.37		65.0	1
10265- CAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	X	7.24	76.84	21.54	3.98	65.0	± 9.6 %
		Y	5.77	75.38	21.12		65.0	1
		Z	6.64	75.29	20.73		65.0	1
10266- CAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	X	7.68	77.82	22.30	3.98	65.0	± 9.6 %
	1	Y	6.19	76.50	21.96		65.0	1
		Z	7.06	76.26	21.50		65.0	
10267- CAD	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	X	9.08	82.67	23.32	3.98	65.0	± 9.6 %
		Y	7,74	83.27	24.00		65.0	
		Z	7.85	80.06	22.15		65.0	
10268- CAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	X	7.73	76.25	21.66	3.98	65.0	± 9.6 %
		Y	6.29	74.83	21.35		65.0	
		Z	7.22	75.02	21.00		65.0	
10269- CAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	X	7.63	75.72	21.50	3.98	65.0	± 9.6 %
		Y	6.26	74.33	21.17		65.0	
		Z	7.17	74.56	20.87		65.0	
10270- CAD	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	X	8.16	78.72	21.94	3.98	65.0	± 9.6 %
		Y	6.83	78.36	22.23		65.0	
	1 ·····	Z	7.42	77.03	21.11	-	65.0	1

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10274- CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	X	2.59	66.15	15.11	0.00	150.0	± 9.6 %
		Y	2.50	67.14	15,17		150.0	
		Z	2.47	65.19	14.30		150.0	
10275- CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	X	1.59	67.24	15.20	0.00	150.0	±9.6 %
		Y	1.59	68.96	15.86		150.0	
		Z	1.41	65.03	13.61		150.0	
10277- CAA	PHS (QPSK)	X	2.88	63.88	9.19	9.03	50.0	±9.6 %
		Y	1.50	60.00	5.26		50.0	}
		Z	2.57	63.07	8.53		50.0	
10278- CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	X	13.64	88.52	22.50	9.03	50.0	±9.6 %
		Y	3.82	70.53	13.60		50.0	
		Z	9,48	83.22	20.46		50.0	
10279- CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	X	13.81	88.65	22.60	9.03	50.0	± 9.6 %
		Y	3.97	70.94	13.86		50.0	
10290-		Z	9.68	83.45	20.60		50.0	<u> </u>
10290- AAB	CDMA2000, RC1, SO55, Full Rate	X	1.45	68.11	13.95	0.00	150.0	±9.6 %
			1.04	66.23	11.42	ļ	150.0	
10291-	CDMA2000, RC3, SO55, Full Rate	ZX	1.16	64.74	11.79	0.00	150.0	
AAB	CDMA2000, RC3, SO55, Full Rate	X Y	0.83	65.20	12.40	0.00	150.0	± 9.6 %
-			0.64	64.34	10.30		150.0	
10292-	CDM40000 DC2 0020 5-11 D-11	Z	0.69	62.48	10.33		150,0	
AAB	CDMA2000, RC3, SO32, Full Rate	X	1.00	68.65	14.50	0.00	150.0	± 9.6 %
		Y	1.04	70.68	13.62		150.0	
10000		Z	0.74	63.90	11.44		150.0	
10293- AAB	CDMA2000, RC3, SO3, Full Rate	X	1.42	73.67	17.19	0.00	150.0	±9.6 %
		Y	4.51	88.63	20.36		150.0	
10295-		Z	0.87	65.86	12.87		150.0	
AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	X	13.04	92.10	27.12	9.03	50.0	±9.6 %
~~~~~		Y	89.47	123.70	34.18		50.0	
		Z	10.40	88.04	25.54		50.0	
10297- AAC	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	X	2.75	69.26	16.34	0.00	150.0	± 9.6 %
		Y	2.62	70.06	16.86		150.0	
40000		Z	2.50	67.45	15.14		150.0	
10298- AAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	X	1.59	67.33	14.16	0.00	150.0	±9.6 %
		Y	1.21	65.83	12.02		150.0	
10299-	LTE EDD (OO EDMA COM DE ALT	Z	1.36	64.73	12.38		150.0	
10299- AAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	X	3.25	72.49	16.21	0.00	150.0	± 9.6 %
		Y	1.86	66.60	11.67		150.0	
10200	175 500 (00 50M) 500 00 010	Z	2.67	69.25	14.40		150.0	
10300- AAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	×	2.29	66.76	12.86	0.00	150.0	± 9.6 %
		Y	1.34	62.41	8,77		150.0	
10301- AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	Z X	2,09 4.98	65.32 65.86	11.82 17.65	4.17	150.0 50.0	± 9.6 %
		Y	4,63	66.36	17.72			
		Z	4.82	65.17			50.0	
10302-	IEEE 802.16e WIMAX (29:18, 5ms,	X	<u>4.82</u> 5.45	66.44	17.13 18.35	4.96	50.0 50.0	± 9.6 %
AAA	10MHz, QPSK, PUSC, 3 CTRL symbols)	Ŷ	5,06	66,66		4,90		I9.0 %
		Z			18.26		50.0	
		4	5.34	65.98	17.96		50.0	

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10303- AAA	IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	X	5.22	66.18	18.24	4.96	50.0	±9.6 %
		Y	4.81	66.31	18.06		50.0	
		Z	5.11	65.69	17.82		50.0	
10304- AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	X	5.00	65.94	17.66	4.17	50.0	± 9.6 %
		Y	4.64	66.23	17.57		50.0	
		Z	4.89	65.44	17.24		50.0	
10305- AAA	IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols)	X	4.85	68.97	20.43	6.02	35.0	± 9.6 %
		Y	4.24	68.22	19.36		35.0	
		Z	4.63	67.91	19.70		35.0	
10306- AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)	X	5.05	67.46	19.74	6.02	35.0	± 9.6 %
		Y	4,55	67.22	19.12		35.0	
		Z	4.90	66.76	19.19		35.0	
10307- AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols)	X	4.98	67.80	19.78	6.02	35.0	± 9.6 %
		Y	4.43	67.25	19.02		35.0	
		Z	4.82	67.00	19.19		35.0	
10308- AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	X	4.97	68.02	19.93	6.02	35.0	± 9.6 %
		Y	4.41	67.51	19.19		35.0	
		Z	4.79	67.20	19.32		35.0	
10309- AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols)	X	5.12	67.73	19.90	6.02	35.0	±9.6 %
		Y	4.57	67.33	19.23		35.0	
		Z	4,97	67.01	19.35		35.0	
10310- AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols)	X	5.01	67.57	19.73	6.02	35.0	± 9.6 %
		Y	4.50	67.29	19.11		35.0	
		Z	4.85	66.84	19.17		35.0	
10311- AAC	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	X	3.10	68.61	16.02	0.00	150.0	± 9.6 %
		Y	2.98	69.21	16.47		150.0	
		Z	2.83	66.90	14.91		150.0	
10313- AAA	IDEN 1:3	X	9.28	84.22	20.34	6.99	70.0	± 9.6 %
		Y	9.97	89.26	22.12		70.0	
		Z	5.73	77.83	17.93	1	70.0	
10314- AAA	IDEN 1:6	X	20.75	102.60	29.12	10,00	30.0	± 9.6 %
		Y	21.78	109.37	31.63		30.0	
		Z	8.22	87.81	24.52		30.0	[
10315- AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	X	1.11	63.72	15.07	0.17	150.0	± 9.6 %
		Y	1.07	64.37	15.57		150.0	
		Z	1.04	62.32	13.71		150.0	
10316- AAB	IEEE 802.11g WiFi 2.4 GHz (ERP- OFDM, 6 Mbps, 96pc duty cycle)	X	4,64	66.61	16.27	0.17	150.0	± 9.6 %
		Y	4.40	66.89	16.37		150.0	
		Z	4.57	66.24	15.90		150.0	1
10317- AAB	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	X	4.64	66.61	16.27	0.17	150.0	± 9.6 %
		Y	4.40	66.89	16.37		150.0	
		Z	4.57	66.24	15.90		150.0	
10400- AAC	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)	х	4.74	66.87	16.19	0.00	150.0	± 9.6 %
		Y	4.46	67.12	16.30		150.0	
		Z	4.66	66.49	15.82		150.0	
	1					t		****
10401- AAC	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99oc duty cycle)	X	5.42	67.04	16.34	0.00	150.0	±9.6 %
10401- AAC	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)			67.04 66.91	16.34 16.31	0.00	150.0 150.0	± 9.6 %

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10402- AAC	IEEE 802.11ac WIFI (80MHz, 64-QAM, 99pc duty cycle)	X	5.69	67.43	16.39	0.00	150.0	±9.6 %
		Y	5.46	67.44	16.46		150.0	
10100		Z	5.61	67.12	16.09		150.0	
10403- AAB	CDMA2000 (1xEV-DO, Rev. 0)	X	1.45	68.11	13.95	0.00	115.0	± 9.6 %
		Y	1.04	66.23	11.42		115.0	
		Z	1.16	64.74	11.79	1	115.0	
10404- AAB	CDMA2000 (1xEV-DO, Rev. A)	X	1.45	68.11	13.95	0.00	115.0	±9.6 %
		Y	1.04	66.23	11.42		115.0	
		Z	1.16	64.74	11.79		115.0	
10406- AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	X	93.39	124.85	32.36	0.00	100.0	± 9.6 %
		Y	100.00	121.95	29.73		100.0	
		Z	15.83	96.62	24.47		100.0	
10410- AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	125.09	32.32	3.23	80.0	±9.6 %
		Y	100.00	132,61	34.49		80.0	
		Z	100.00	123.35	31.39		80.0	1
10415- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	X	1.01	62.61	14.33	0.00	150.0	± 9.6 %
		Y	0.99	63.47	14.91		150.0	
		Z	0.96	61.45	13.07		150.0	
10416- AAA	IEEE 802.11g WiFi 2.4 GHz (ERP- OFDM, 6 Mbps, 99pc duty cycle)	X	4.57	66.53	16.14	0.00	150.0	± 9.6 %
		Y	4.35	66,84	16.25		150.0	
		Z	4.50	66,15	15.77		150.0	
10417- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	X	4.57	66.53	16.14	0.00	150.0	± 9.6 %
		Y	4.35	66,84	16.25		150.0	
		Z	4.50	66,15	15.77		150.0	
10418- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	X	4.56	66.67	16.15	0.00	150.0	±9.6 %
		Y	4.35	67.06	16.31		150.0	
		Z	4,48	66.28	15.77		150.0	
10419- AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS- OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	X	4.58	66.63	16.16	0.00	150.0	±9.6 %
		Y	4.36	66.98	16.29	~~	150.0	
		Z	4.50	66.25	15.78		150.0	
10422- AAA	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	X	4.70	66.64	16.17	0.00	150.0	± 9.6 %
		Y	4.47	66.95	16,30		150.0	~~
		z	4.63	66.27	15.81		150.0	
10423- AAA	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	X	4.88	66.97	16.30	0.00	150.0	± 9.6 %
		Y	4.59	67.21	16.39		150.0	
		Z	4.80	66.60	15.93		150.0	
10424-	IEEE 802.11n (HT Greenfield, 72.2	x	4.79	66.92	16.27	0.00	150.0	+0.00
AAA	Mbps, 64-QAM)	Ŷ	4.79	67,17	16.27	0.00	150.0	± 9.6 %
		Z	4.71	66.54	15.90			
10425- AAA	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	X	5.38	67.25	15.90	0.00	150.0 150.0	± 9.6 %
		Y	5.14	67.33	16.54		150.0	
		z	5.31	66.92				
10426-	IEEE 902 ddn (UT Croonfold 00 Mt				16.12		150.0	
AAA	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	X	5.39	67.25	16.44	0.00	150.0	± 9.6 %
		Y	5,16	67.42	16.58		150.0	
	1	Z	5.31	66.92	16.12		150.0	

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10427- AAA	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	X	5.40	67.24	16.44	0.00	150.0	± 9.6 %
		Y	5.12	67.21	16.47		150.0	
		Ż	5.33	66.92	16.12		150.0	
10430- AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	x	4.28	70.44	18.07	0.00	150.0	±9.6 %
		Y	4.14	71.87	18.16		150.0	
		Z	4.07	69.38	17.29		150.0	
10431- AAB	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	X	4.26	67.04	16.14	0.00	150.0	± 9.6 %
		Ϋ́	3.97	67.47	16,15		150.0	[
		Z	4.16	66.54	15.68		150.0	
10432- AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	X	4.56	66.94	16.21	0.00	150.0	± 9.6 %
		Y	4.29	67.28	16.30		150.0	
		Z	4.47	66.52	15.81		150.0	
10433- AAB	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	x	4.81	66.95	16.29	0.00	150.0	± 9.6 %
		Y	4.54	67.20	16.39		150.0	
		Z	4.73	66.57	15.92		150.0	
10434- AAA	W-CDMA (BS Test Model 1, 64 DPCH)	X	4.37	71.26	18.05	0.00	150.0	±9.6 %
		Y	4.23	72.71	17.94		150.0	
		Z	4.10	69.95	17.16		150.0	
10435- AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	124.88	32.22	3.23	80.0	±9.6 %
		Y	100.00	132.33	34.36		80.0	
		Z	100.00	123.15	31.29		80.0	
10447- AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	X	3.55	67.01	15.50	0.00	150.0	± 9.6 %
		Y	3.22	67.33	15.04		150.0	
		Z	3.42	66.26	14.87		150.0	
10448- AAB	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	X	4.09	66.82	16.00	0.00	150.0	±9.6 %
		Υ	3.84	67.27	16.03		150.0	
		Z	4.00	66.30	15.52		150.0	
10449- AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)		4.36	66.77	16.11	0.00	150.0	± 9.6 %
		Y	4.13	67.11	16.20		150.0	
		Z	4.28	66.32	15.69		150.0	
10450- AAB	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	X	4.56	66.71	16.14	0.00	150.0	± 9.6 %
		Y	4.34	66.98	16.25		150.0	
		Z	4.48	66.31	15.75		150.0	
10451- AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	×	3.45	67.20	15.16	0.00	150.0	±9.6 %
		Y	3.02	67.10	14.30		150.0	
		Z	3.30	66.32	14.46		150.0	
10456- AAA	IEEE 802.11ac WIFI (160MHz, 64-QAM, 99pc duty cycle)	X	6.24	67.82	16.61	0.00	150.0	±9.6 %
		Y	6.06	67.84	16.69		150.0	
10100		Z	6.17	67.55	16.33		150.0	
10457- AAA	UMTS-FDD (DC-HSDPA)	X	3.81	65.16 65.58	15.84	0.00	150.0	± 9.6 %
		Y	3,70		15.98	<u> </u>		
10458- AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	Z X	3.75 4.00	64.81 70.43	15.45 17.44	0.00	150.0 150.0	±9.6%
~~~~		Y	3.69	71.08	16.66		150.0	
		Z	3.09	69.12	16.52		150.0	
10459-	CDMA2000 (1xEV-DO, Rev. B, 3	X	5.12	69.12	16.52	0.00	150.0	± 9.6 %
10459- AAA	carriers)					0.00		1 2.0 70
		Y	4.73	68.62	17.62	<u> </u>	150.0	
	1	Z	4.97	67,45	17.56	I	150.0	I

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10460- AAA	UMTS-FDD (WCDMA, AMR)	X	0.86	66.87	15.37	0.00	150.0	±9.6 %
		Y	0.95	70.33	17.05	1	150.0	
		Z	0.72	63.56	12.85		150.0	1
10461- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	130.48	34.84	3.29	80.0	±9.6 %
		Y	100.00	140.16	37.94		80.0	
		Z	100.00	127.51	33.38		80.0	
10462- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	x	100.00	112.24	26.23	3.23	80.0	± 9.6 %
		Y	100.00	110.13	24.11		80.0	
		Z	67.10	104.99	23.84		80.0	
10463- AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	108.27	24.36	3.23	80.0	± 9.6 %
		Y	6.18	79.22	15.32		80.0	
		Z	7,19	79.40	16.50		80.0	
10464- AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	128.35	33.68	3.23	80.0	±9.6 %
		Y	100.00	137.42	36.46		80.0	
10155		Z	100.00	125.21	32.15		80.0	
10465- AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	111.56	25.90	3.23	80.0	± 9.6 %
		Y	100.00	109.13	23.66		80.0	
10100		Z	21.07	92.23	20.67		80.0	
10466- AAA	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	107.63	24.06	3.23	80.0	± 9.6 %
		Y	2.43	70.85	12.64		80.0	
10107		Z	4.66	74.87	14.99		80.0	
10467- AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	128.63	33.81	3.23	80.0	± 9.6 %
		Y	100.00	137.88	36.66		80.0	
		Z	100.00	125.47	32.26		80.0	
10468- AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	111.77	26.00	3.23	80.0	± 9.6 %
		Y	100.00	109.52	23.83		80.0	
		Z	27.11	95.03	21.41		80.0	
10469- AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	107.65	24.07	3.23	80.0	± 9.6 %
		Y	2.53	71.21	12.76		80.0	
·····		Z	4,72	75.01	15.04		80.0	
10470- AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	128.68	33.82	3.23	80.0	± 9.6 %
		Ŷ	100,00	137.95	36.68		80.0	
		Z	100.00	125.51	32.27		80.0	
10471- AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	111.71	25.97	3.23	80.0	± 9.6 %
		Y	100.00	109,41	23.78		80.0	
10472-		Z	26.88	94.90	21.36		80.0	
AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	X	100.00	107.59	24.03	3.23	80.0	± 9.6 %
	· · · · · · · · · · · · · · · · · · ·	Y	2.45	70.92	12.65		80.0	
10473-		Z	4.68	74.91	14.99		80.0	
10473- AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	100.00	128.64	33.80	3.23	80.0	±9.6 %
		Y	100.00	137.92	36.66		80.0	
10474-	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-	Z X	100.00 100.00	125.47 111.72	32.26 25.97	3.23	80.0 80.0	± 9.6 %
AAC	QAM, UL Subframe=2,3,4,7,8,9)							
		Y	100.00	109.42	23.78		80.0	
1013-		Z	26.23	94.65	21.30		80.0	
10475- AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64- QAM, UL Subframe=2,3,4,7,8,9)	х	100.00	107.61	24.04	3.23	80.0	±9.6 %
		Y	2.42	70.81	12.61		80.0	
	1	Z	4.63	74.81	14,96			

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10477- AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16- QAM, UL Subframe=2,3,4,7,8,9)	Х	100.00	111.52	25.87	3.23	80.0	± 9.6 %
		Y Z	100.00 21.80	109.08 92.57	23.63 20,74		80.0 80.0	
10478- AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64- QAM, UL Subframe=2.3.4,7.8.9)	X	100.00	92.57 107.54	24.01	3.23	80.0	± 9.6 %
		Y	2.34	70.48	12.48		80.0	
		Z	4.57	74.66	14.90		80.0	1
10479- AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	х	21.05	102.62	28.79	3.23	80.0	± 9.6 %
		Y	100.00	130.18	35.05		80.0	
		Ζ	8.79	88.04	24.08		80.0	
10480- AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	31.10	101.37	26.40	3.23	80.0	± 9.6 %
		Y	100.00	115.77	28.24		80.0 80.0	
40404	LTE TOD (OO FOMA CON DD 4 LAUN	ZX	10.81 23.43	85.97 96.25	21,62 24,59	3.23	80.0	± 9.6 %
10481- AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Y	100.00	96.25	24.09	3.23	80.0	I 9.0 %
		Z	8.90	82.56	20.11		80.0	
10482-	LTE-TDD (SC-FDMA, 50% RB, 3 MHz,	X	8.90 4.87	78.15	19.61	2.23	80.0	± 9.6 %
AAA	QPSK, UL Subframe=2,3,4,7,8,9)	Ŷ	4.07	77.89	18.18	~~~~	80.0	1 3.0 %
	1	Z	2.92	70.65	16.24		80.0	+
10483- AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	x	10.85	86.14	22.05	2.23	80.0	± 9.6 %
	a fan de fan I	İΥ	5.65	77.21	17,13		80.0	
		Z	5.95	77.30	18,74		80.0	
10484- AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	х	9.22	83.60	21.23	2.23	80.0	± 9.6 %
		Y	4.45	74,14	16.03	_	80.0	
		Z	5.48	75.91	18.23		80.0	
10485- AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.88	78.37	20.46	2.23	80.0	± 9.6 %
		Y	4.98	81.42	21.09		80.0	<u> </u>
		Z	3.27	71.98	17.62		80.0	
10486- AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	×	4.14	72.53	17.76	2.23	80.0	± 9.6 %
		Y	3.42	71.82	16.50		80.0	
		Z	3.25	68.80	15.87	<u> </u>	80.0	
10487- AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.09	71.98	17.52	2.23	80.0 80.0	± 9.6 %
		Y	3.30	70.93	16.10			
10488- AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	Z X	3.27 4.71	68.50 76.07	15.73 20.18	2.23	80.0 80.0	± 9.6 %
		Y	4.06	76.75	20,65		80.0	1
•		Z	3.64	71.70	18.11		80.0	
10489- AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.12	71.10	18.27	2.23	80.0	± 9.6 %
		Y	3.59	71.27	18.18		80.0	L
		Z	3.59	68.70	16.94		80.0	
10490- AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.20	70.81	18.16	2.23	80.0	± 9.6 %
		Y	3.64	70.93	18.02		80.0	ļ
10491-	LTE-TDD (SC-FDMA, 50% RB, 15 MHz,	Z X	3.69 4.67	68.58 73.62	16.91 19.32	2.23	80.0 80.0	± 9.6 %
AAC	QPSK, UL Subframe=2,3,4,7,8,9)	Υ	3.94	73,47	19.55		80.0	+
		Z	3.94	70.58	17.78		80.0	1
10492- AAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.37	69.92	18.03	2.23	80.0	± 9.6 %
1 1 1 1 1		Y	3.77	69.63	17.93	<u> </u>	80.0	1
	1	Z	3.96	68.18	17.01	(	80.0	

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10493- AAC	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.43	69.73	17.96	2.23	80.0	± 9.6 %
		Y	3.81	69.42	17.83	†	80.0	
		Z	4.03	68.08	16.99	1	80.0	1
10494- AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	5.23	75.62	19.94	2.23	80.0	± 9.6 %
		Y	4.39	75.38	20.21		80.0	
		Z	4.21	71.94	18.18	1	80.0	1
10495- AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.43	70.42	18.26	2.23	80.0	± 9.6 %
		Y	3.80	69.92	18.16		80.0	
10100		Z	3.99	68.56	17.19		80.0	
10496- AAC	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.49	70.03	18.13	2.23	80.0	± 9.6 %
		Y	3.85	69.57	18.02		80.0	
10.107		Z	4.08	68.33	17.13		80.0	
10497- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.69	73.99	17.05	2.23	80.0	± 9.6 %
		Y	1.69	65.87	11.88	ļ	80.0	
10498-		Z	2.22	67.13	13.87	L	80.0	
10495- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	2.44	65.88	12.63	2.23	80.0	± 9.6 %
		Y	1.16	60.00	7.66		80.0	1
		Z	1.89	62.82	10.87	ſ	80.0	1
10499- AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	2.33	65.07	12.12	2.23	80.0	± 9.6 %
		Y	1.18	60.00	7.48		80.0	1
		Z	1.85	62.36	10.50	1	80.0	1
10500- AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.64	76.82	20.15	2.23	80.0	± 9.6 %
		Y	4.39	78.97	20.75		80.0	1
		Z	3.37	71.60	17.73		80.0	
10501- AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.12	71.88	17.92	2.23	80.0	± 9.6 %
		Y	3.59	72.06	17.33		80.0	
10500		Z	3.41	68.79	16.30		80.0	
10502- AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	Х	4.17	71.65	17.77	2.23	80.0	± 9.6 %
	-	Y	3.59	71.67	17.07		80.0	1
		Z	3.47	68.69	16.20		80.0	
10503- AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	х	4.65	75.83	20.08	2.23	80.0	±9.6 %
		Y	4.00	76.48	20.53		80.0	
10504-		Ζ	3.60	71.52	18.02		80.0	
AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	×	4.10	71.00	18.21	2.23	80.0	± 9.6 %
		Y	3.56	71.15	18.11		80.0	
10505-	TE TOD (CC COMA 4000/ DD TANK	Z X	3.57	68.61	16.89		80.0	
AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)		4.17	70.71	18.10	2.23	80.0	±9.6 %
		Y	3.61	70.82	17.96		80.0	
10506-	LTE TOD (00 FOMA 4000 OD 44	Z	3.67	68.49	16.86		80.0	
AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	5.18	75.44	19.86	2.23	80.0	±9.6 %
		Y	4.34	75.20	20.13		80.0	
10507-		Z	4.18	71.80	18.11		80.0	
AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	x	4.42	70.36	18.22	2.23	80.0	± 9.6 %
		Y	3.78	69.86	18,12		80.0	
		Z	3.98	68.50	17.15		80.0	

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10508- AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.47	69.96	18.08	2.23	80.0	±9.6 %
		TY	3.84	69.49	17.97		80.0	
		Z	4.06	68.27	17.09		80.0	
10509- AAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	5.29	73.44	19.06	2.23	80.0	±9.6 %
		Y	4.51	72.94	19.20		80.0	
		Z	4.55	70.83	17.74		80.0	
10510- AAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.86	69.84	18.07	2.23	80.0	± 9.6 %
		Y	4.19	69.10	17.93		80.0	
		Z	4,49	68.38	17.21		80.0	
10511- AAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.89	69.51	17.97	2.23	80.0	±9.6 %
		Y	4.24	68.83	17.84		80.0	
		Z	4.54	68.15	17.16		80.0	
10512- AAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	5.76	75.57	19.74	2.23	80.0	±9.6 %
		Y	4.84	74.92	19.86		80.0	
		Z	4.72	72.21	18.14	0.00	80.0	10.0.01
10513- AAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.78	70.25	18.23	2.23	80.0	± 9.6 %
		Y	4.09	69.35	18.06		80.0	
		Z	4.37	68.63	17.29		80.0	~
10514- AAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.76	69.71	18.06	2.23	80.0	±9.6 %
		Y	4.10	68.87	17.89		80.0	
		Z	4.39	68.24	17.19		80.0	
10515- AAA	IEEE 802.11b WIFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	X	0.97	62.76	14.36	0.00	150.0	±9.6 %
		Y	0.95	63.70	14.99		150.0	
		Z	0.92	61.51	13.03		150.0	
10516- AAA	IEEE 802.11b WIFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	×	0.54	67.78	15.81	0.00	150.0	± 9.6 %
		Y	0.74	75.39	19.60		150.0	
		ZX	0.42	62.99	12.11 14.78	0.00	150.0	±9.6 %
10517- AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)		0.81	64.33		0.00		19.0 %
			0.81	65.99	15.86		150.0 150.0	
10518-	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9	ZX	0.73	62.24 66.60	12.86 16.12	0.00	150.0	± 9.6 %
AAA	Mbps, 99pc duty cycle)	ļ,	4.30	66.95	16.24	0.00	150.0	20,0 /0
		Z	4.49	66.22	15.74		150.0	
10519- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	X	4.76	66.85	16.24	0.00	150.0	± 9.6 %
		Υ	4.49	67,11	16.33		150.0	
		Z	4.68	66.47	15.87		150.0	L
10520- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	X	4.61	66.81	16.16	0.00	150.0	± 9.6 %
		Υ	4.34	67.05	16.25		150.0	ļ
		Z	4.52	66.41	15.77		150.0	
10521- AAA	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	X	4.54	66.81	16.15	0.00	150.0	± 9.6 %
		Y	4.28	67.02	16.23		150.0	
14-5-5		Z	4.46	66.39	15.75	0.00	150.0	1000
10522- AAA	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	X	4,60	66.87	16.22	0.00	150.0	± 9.6 %
		Y	4.33	67.14	16.32		150.0	
		Z	4.51	66.46	15.83	I	150.0	L

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AAA         Mpsg. 99pc duty cycle)         Y         4.26         67.16         16.26         1660           10524         IEEE 802.11a/h WIFI 5 GHz (OFDM, 54         X         4.54         66.32         15.67         156.0         19.6           AAA         Mbps, 99pc duty cycle)         Y         4.28         67.11         16.32         156.0         19.0           10525         IEEE 802.11ac WIFI (20MHz, MCS0,         X         4.52         65.38         15.78         0.00         150.0         2.9.6           AAA         99pc duty cycle)         Y         4.32         65.22         15.39         150.0         2.9.6           AAA         99pc duty cycle)         Y         4.43         65.43         15.39         150.0         2.9.6           AAA         99pc duty cycle)         Y         4.44         66.50         16.00         150.0         2.9.6           AAA         99pc duty cycle)         Y         4.44         66.15         15.63         150.0         150.0           10527         IEEE 802.11ac WIFI (20MHz, MCS2,         X         4.61         15.47         15.47         15.47         15.47         15.47         15.47         15.47         15.47         15.47 <td< th=""><th>10523-</th><th>IEEE 802.11a/h WIFI 5 GHz (OFDM, 48</th><th>X</th><th>4.47</th><th>66.74</th><th>16.07</th><th>0.00</th><th>150.0</th><th>±9.6%</th></td<>	10523-	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48	X	4.47	66.74	16.07	0.00	150.0	±9.6%
10524- MAA         IEEE 602.11a/m WiFI 5 GHz (OFDM, 54         X         4.54         66.79         16.19         0.00         156.0         ± 9.6           AAA         Mbps, 99pc duty cycle)         Y         4.28         67.11         16.29         160.0         ± 9.6           IEEE 602.11a/m WiFI (20MHz, MCS0,         X         4.52         66.38         15.90         160.0         ± 9.6           AAA         99pc duty cycle)         Y         4.32         66.22         15.94         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.32         66.22         15.93         160.0         ± 9.6           O526-         IEEE 802.11a/m WiFI (20MHz, MCS1,         X         4.69         66.22         15.93         160.0         ± 9.6           AAA         99pc duty cycle)         Y         4.44         66.50         16.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.44         66.79         15.53         160.0         ± 9.6           AAA         99pc duty cycle)         Y         4.37         66.47         16.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.38							0.00		1 0.0 19
10524.         IEEE 802.11ah WIFI S GH2 (OFDM, 54         X         4.54         66.79         16.19         0.00         150.0         ± 9.6           AAA         Mpps, 99pc duty cycle)         Y         4.28         67.11         16.32         156.0         156.0           C         4.46         66.39         15.94         156.0         156.0         156.0           10525.         IEEE 802.11ac WIFI (20MHz, MCS0,         X         4.52         66.34         15.39         156.0         150.0           AAA         99pc duty cycle)         Y         4.32         66.22         15.93         150.0         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.44         66.50         16.06         159.0         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.44         66.51         150.0         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.37         66.47         16.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.38         66.49         16.03         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.38									
AAA         Mps, 89pc duty cycle)         Y         4.28         67.11         16.32         1600           0525         IEEE 602,11ac WIFI (20MHz, MCS0,         X         4.52         66.34         16.78         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.32         66.22         15.93         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.43         66.42         15.93         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.44         66.45         15.63         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.44         66.45         16.63         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.37         66.47         16.00         150.0         ± 9.6           10525         IEEE 802.11ac WIFI (20MHz, MCS3,         X         4.63         66.79         15.80         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.38         66.49         16.03         150.0         ± 9.6           AAA         99pc duty cycle)         Y	10524	IEEE 902 110/h WIELE CHA (OEDM EA					0.00		100%
IEEE R02.11ac WiFi (20MHz, MCS0, X         X         4.46         66.38         15.80         1620           AAA         99po duly cycle)         Y         4.32         66.84         16.78         0.00         180.0         ± 9.6           AAA         99po duly cycle)         Y         4.32         66.82         15.94         180.0         ± 9.6           AAA         99po duly cycle)         Y         4.43         66.50         18.06         150.0         ± 9.6           AAA         99po duly cycle)         Y         4.44         66.50         16.06         150.0         ± 9.6           AAA         99po duly cycle)         Y         4.46         66.19         15.03         0.00         150.0         ± 9.6           AAA         99po duly cycle)         Y         4.37         66.47         16.00         150.0         ± 9.6           AAA         99po duly cycle)         Y         4.38         66.19         15.90         0.00         150.0         ± 9.6           AAA         99po duly cycle)         Y         4.38         66.76         15.50         150.0         ± 9.6           AAA         99po duly cycle)         Y         4.38         66.76         15		Mbps, 99pc duty cycle)					0.00		±9.6%
10525- 99pc duty cycle)         Y         4.32         66.54         15.76         0.00         160.0         ± 9.6           AAA         99pc duty cycle)         Y         4.32         66.22         15.94         150.0           10526- AAA         195pc duty cycle)         Y         4.43         66.22         15.93         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.44         66.579         15.83         0.00         150.0         ± 9.6           I0527- 10528- 10528- 10528- 4040         IEEE 802.11ac WIFI (20MHz, MCS3, AAA         Y         4.37         66.19         15.80         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.38         66.19         15.90         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.38         66.19         15.90         150.0         ± 9.6           I0529- AAA         99pc duty cycle)         Y         4.38         66.19         15.90         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.38         66.49         16.01         150.0         ± 9.6           I0529- AAA							ļ		
AAA         99pc duty cycle)         Y         4.32         66.22         15.80         1000         150.0         1000           10526         IEEE 802.11ac WiFi (20MHz, MCS1, AAA         Y         4.43         65.43         15.39         0.00         150.0         ± 9.6           10526         IEEE 802.11ac WiFi (20MHz, MCS1, AAA         Y         4.44         66.50         16.06         150.0         ± 9.6           10527-         IEEE 802.11ac WiFi (20MHz, MCS2, AAA         Y         4.461         66.18         15.87         0.00         150.0         ± 9.6           10528-         JEEE 802.11ac WiFi (20MHz, MCS3, AAA         Y         4.37         66.47         15.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.38         66.619         15.90         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.38         66.49         16.03         150.0         150.0           10531-         IEEE 802.11ac WiFi (20MHz, MCS4, AA         X         4.63         66.51         16.01         150.0         150.0         150.0         150.0         150.0         150.0         150.0         150.0         150.0         150.0         1									
IDS26- AAA         IEEE 802.11ac WiFi (20MHz, MCS1, AAA         Z         4.43         66.82         15.93         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.44         66.50         16.06         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.44         66.579         15.53         150.0         ± 9.6           AAA         95pc duty cycle)         Y         4.37         66.71         16.00         150.0         ± 9.6           AAA         95pc duty cycle)         Y         4.37         66.74         16.00         150.0         ± 9.6           10528-         IEEE 802.11ac WIFI (20MHz, MCS3,         X         4.63         66.19         15.50         150.0         ± 9.6           AAA         95pc duty cycle)         Y         4.38         66.49         16.03         150.0         ± 9.6           AAA         95pc duty cycle)         Y         4.38         66.49         16.03         150.0         ± 9.6           AAA         95pc duty cycle)         Y         4.38         66.51         16.01         150.0         ± 9.6           AAA         95pc duty cycle)         Y         4.38							0.00		± 9.6 %
10526- AAA         IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)         X         4.69         66.22         15.93         0.00         160.0         ± 9.6           10527- AAA         IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)         X         4.61         66.16         15.63         160.0         150.0         ± 9.6           10527- AAA         IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)         X         4.63         66.19         15.00         150.0         ± 9.6           10528- AAA         IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)         X         4.63         66.19         15.50         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.38         66.49         16.03         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.38         66.49         16.03         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.38         66.41         16.03         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.36         66.51         16.01         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.36         66.51         16.50 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
AAA         99pc duty cycle)         Y         4.44         66.50         16.00         15.00         15.00           10527-         IEEE 802.11ac WIFI (20MHz, MCS2,         X         4.61         66.18         15.87         0.00         150.0           10527-         IEEE 802.11ac WIFI (20MHz, MCS3,         X         4.61         66.19         15.90         0.00         150.0           10528-         IEEE 802.11ac WIFI (20MHz, MCS3,         X         4.63         66.19         15.90         0.00         150.0           10529-         IEEE 802.11ac WIFI (20MHz, MCS4,         X         4.63         66.19         15.90         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.38         66.49         16.03         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.38         66.49         16.03         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.33         66.51         15.60         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.35         66.51         16.50         150.0         ± 9.6           AAA         99pc duty cycle)			Z						
IEEE 802.11ac WIFI (20MHz, MCS2, X         X         4.61         66.79         15.53         150.0           AAA         99pc duty cycle)         Y         4.37         66.47         16.00         150.0         ±9.6           AAA         99pc duty cycle)         Y         4.37         66.47         16.00         150.0         ±9.6           10528-         IEEE 802.11ac WIFI (20MHz, MCS3, X         4.63         66.19         15.90         0.00         150.0         ±9.6           AAA         99pc duty cycle)         Y         4.38         66.49         16.03         150.0         150.0           I0529-         IEEE 802.11ac WIFI (20MHz, MCS4, X         4.63         66.19         15.90         0.00         150.0         ±9.6           AAA         99pc duty cycle)         Y         4.38         66.49         16.03         150.0					66.22	15.93	0.00	150.0	± 9.6 %
10527- AAA         IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)         X         4.61         66.18         15.87         0.00         150.0           10528- AAA         IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)         Y         4.37         66.47         16.00         150.0           10529- AAA         IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)         Y         4.38         66.49         16.03         150.0           10529- AAA         IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)         Y         4.38         66.49         16.03         150.0           10529- AAA         IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)         Y         4.38         66.49         16.03         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.35         66.51         16.01         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.35         66.51         16.01         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.35         66.51         16.01         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.32         66.59         15.50         150.0         ± 9.6           AAA         99pc duty									
AAA         99pc duty cycle)         Y         4.37         66.16         16.00         15.00         15.00         15.00           10528-         IEEE 802.11ac WIFI (20MHz, MCS3, AAA         Y         4.37         66.47         16.00         150.0         ± 9.6           10529-         IEEE 802.11ac WIFI (20MHz, MCS3, Sppc duty cycle)         Y         4.38         66.49         15.90         0.00         150.0         ± 9.6           10529-         IEEE 802.11ac WIFI (20MHz, MCS4, Sppc duty cycle)         Y         4.38         66.49         15.90         0.00         150.0         ± 9.6           10531-         IEEE 802.11ac WIFI (20MHz, MCS6, AAA         Y         4.38         66.49         15.90         150.0         150.0         ± 9.6           10531-         IEEE 802.11ac WIFI (20MHz, MCS6, AAA         Y         4.36         66.51         16.01         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.36         66.61         15.85         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.23         66.31         15.94         150.0         ± 9.6           10533-         IEEE 802.11ac WIFI (20MHz, MCS7, AAA         4.84         66.16				4,60	65.79	15.53		150.0	1
10529- AAA         1EEE 802.11ac WIFI (20MHz, MCS3, 99pc duty cycle)         2         4.52         65.74         16.47         150.0           10529- AAA         99pc duty cycle)         Y         4.38         66.49         16.03         150.0         ± 9.6           10529- AAA         99pc duty cycle)         Y         4.38         66.49         16.03         150.0         ± 9.6           10529- AAA         99pc duty cycle)         Y         4.38         66.49         16.03         150.0         ± 9.6           10531- 10531- AAA         99pc duty cycle)         Y         4.38         66.49         16.03         150.0         ± 9.6           10531- 10532- 10532- 10532- 10532- 10532- 10533- 10533- 16580         1120.0Hz, MCS7, X         X         4.63         66.31         16.01         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.35         66.55         16.50         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.35         66.31         16.01         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.35         66.37         15.49         150.0         ± 9.6           AAA         99pc duty cycle)			X	4.61	66.18	15.87	0.00	150.0	± 9.6 %
IEEE 802.11ac WIFI (20MHz, MCS3, AAA         Z         4.62         65.74         15.47         150.0           AAA         99pc duty cycle)         Y         4.83         66.49         16.03         150.0         ± 9.6           I0529- AAA         99pc duty cycle)         Y         4.33         66.49         16.03         150.0         ± 9.6           I0529- AAA         99pc duty cycle)         Y         4.33         66.49         16.03         150.0         ± 9.6           I0531- I0531- BEEE 802.11ac WIFI (20MHz, MCS6, AAA         Y         4.33         66.49         16.03         150.0         ± 9.6           I0532- BEEE 802.11ac WIFI (20MHz, MCS7, AAA         Y         4.33         66.61         16.50         150.0         ± 9.6           I0532- BEEE 802.11ac WIFI (20MHz, MCS7, AAA         Y         4.33         66.65         15.60         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.33         66.65         15.43         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.33         66.65         15.43         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.23         66.57         16.04         150			Y	4.37	66.47	16.00	1	150.0	
AAA         99pc duty cycle)         Y         4.38         66.49         16.03         150.0           10529-         IEEE 802.11ac WIFI (20MHz, MCS4, AAA         X         4.63         66.19         15.80         0.00         150.0         ± 9.6           10539-         IEEE 802.11ac WIFI (20MHz, MCS4, AAA         X         4.63         66.31         15.90         0.00         150.0         ± 9.6           10531-         IEEE 802.11ac WIFI (20MHz, MCS6, 99pc duty cycle)         Y         4.38         66.43         16.03         150.0         ± 9.6           10531-         IEEE 802.11ac WIFI (20MHz, MCS7, AAA         99pc duty cycle)         Y         4.33         66.51         16.01         150.0         ± 9.6           10532-         IEEE 802.11ac WIFI (20MHz, MCS7, AAA         Y         4.33         66.54         15.50         150.0         ± 9.6           10533-         IEEE 802.11ac WIFI (20MHz, MCS8, AAA         Y         4.39         66.57         16.04         150.0         ± 9.6           10534-         IEEE 802.11ac WIFI (20MHz, MCS1, AAA         Y         4.93         66.57         16.04         150.0         ± 9.6           10534-         IEEE 802.11ac WIFI (40MHz, MCS1, AAA         S.50.8         65.77         16.04			Z						1
Y         4.38         66.49         16.03         150.0           10529- AAA         g9pc duty cycle)         X         4.63         66.49         16.03         150.0         19.0           10531-         IEEE 802.11ac WiFi (20MHz, MCS6, 39pc duty cycle)         Y         4.38         66.49         16.03         150.0         19.0           10531-         IEEE 802.11ac WiFi (20MHz, MCS6, 300         X         4.63         66.11         15.92         0.00         150.0         ±9.6           10531-         IEEE 802.11ac WiFi (20MHz, MCS7, 300         X         4.63         66.51         16.01         150.0         ±9.6           10532-         IEEE 802.11ac WiFi (20MHz, MCS7, 309pc duty cycle)         X         4.48         66.16         15.85         0.00         150.0         ±9.6           10533-         IEEE 802.11ac WiFi (20MHz, MCS8, AAA         Y         4.23         66.57         16.04         150.0         ±9.6           10533-         IEEE 802.11ac WiFi (40MHz, MCS8, AAA         Y         4.39         66.57         16.04         150.0         ±9.6           10534-         IEEE 802.11ac WiFi (40MHz, MCS0, AAA         Y         4.94         66.44         16.08         150.0         ±9.6           10535-<				4.63		15.90	0.00		± 9.6 %
Z         4.54         65.76         15.50         150.0           AAA         99pc duty cycle)         Y         4.38         66.49         16.03         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.38         66.49         16.03         150.0         ± 9.6           10531-         IEEE 802.11ac WIFI (20MHz, MCS6, X         4.63         66.51         16.01         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.35         66.51         16.01         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.35         66.51         16.01         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.23         66.57         15.94         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.23         66.57         16.04         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.39         66.57         16.04         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.39         66.57         16.04         150.0         ± 9.6           AAA         99pc dut						16.03		150.0	1
10529- AAA         IEEE 802.11ac WIFI (20MHz, MCS4, 99pc duty cycle)         X         4.83         66.19         15.90         0.00         150.0         ± 9.6           010531- AAA         IEEE 802.11ac WIFI (20MHz, MCS6, 99pc duty cycle)         Y         4.38         66.49         16.03         150.0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td> </td>							1		
Z         4.54         65.76         15.50         150.0           10531- AAA         JEEE 802.11ac WIFI (20MHz, MCS6, SAA         X         4.63         66.31         15.92         0.00         150.0         ± 9.6           10532- AAA         99pc duty cycle)         Y         4.35         66.51         16.01         150.0         ± 9.6           10532- AAA         99pc duty cycle)         Y         4.35         66.51         16.01         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.23         66.37         15.94         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.23         66.57         16.04         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.39         66.57         16.04         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.39         66.57         16.04         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.44         16.08         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.57         16.14         150.0         ± 9.6			X	4.63	66.19	15.90	0.00	150.0	± 9.6 %
Z         4.54         65.76         15.50         150.0           10531- AAA         99pc duty cycle)         Y         4.35         66.31         10.92         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.35         66.51         16.01         150.0         ± 9.6           10532- AAA         99pc duty cycle)         X         4.48         66.16         15.85         0.00         150.0         ± 9.6           10533- AAA         99pc duty cycle)         X         4.48         66.37         15.94         150.0         ± 9.6           10533- AAA         99pc duty cycle)         Y         4.23         66.57         16.04         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.39         66.57         16.04         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.39         66.57         16.04         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.44         16.08         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.57         16.14         150.0         ±				4.38	66.49	16.03		150.0	
AAA         99pc duty cycle)         Y         4.35         66.51         16.01         150.0           2         4.53         66.55         15.50         150.0         150.0         150.0           10532- AAA         99pc duty cycle)         Y         4.23         66.37         15.94         150.0         ±9.6           AAA         99pc duty cycle)         Y         4.23         66.37         15.94         150.0         ±9.6           10533- AAA         IEEE 802.11ac WIFI (20MHz, MCS8, AAA         X         4.64         66.23         15.89         0.00         150.0         ±9.6           AAA         99pc duty cycle)         Y         4.39         66.57         16.04         150.0         ±9.6           AAA         99pc duty cycle)         X         5.16         66.33         16.97         0.00         150.0         ±9.6           AAA         99pc duty cycle)         X         5.16         66.33         16.97         0.00         150.0         ±9.6           AAA         99pc duty cycle)         Y         4.94         66.47         16.04         160.0         150.0         ±9.6           AAA         99pc duty cycle)         Y         4.98         66.			Z	4.54					
2         4.33         65.85         15.50         1550           10532- AAA         IEEE 802.11ac WiFi (20MHz, MCS7, AAA         X         4.48         66.16         15.85         0.00         150.0         ±9.6           0533- AAA         99pc duty cycle)         Y         4.23         66.37         15.94         150.0         ±9.6           0533- AAA         99pc duty cycle)         Y         4.23         66.37         15.94         150.0         ±9.6           AAA         99pc duty cycle)         Y         4.39         65.69         15.43         150.0         ±9.6           AAA         99pc duty cycle)         Y         4.39         66.57         16.04         150.0         ±9.6           10534- I0534- AAA         IEEE 802.11ac WIFI (40MHz, MCS0, AAA         5.16         66.34         16.08         150.0         ±9.6           2         5.08         65.77         16.44         160.0         150.0         ±9.6           10535- AAA         99pc duty cycle)         Y         4.94         66.44         16.04         0.00         150.0         ±9.6           2         5.04         66.12         15.63         150.0         ±9.6         165.0         150.0			X	4.63	66.31		0.00		± 9.6 %
Z         4.53         65.85         15.50         150.0           10532- AAA         JeEE 802.11ac WiFi (20MHz, MCS7, AAA         X         4.48         66.16         15.85         0.00         150.0         ± 9.6           10533- AAA         Jepc duty cycle)         Y         4.23         66.37         15.94         150.0         ± 9.6           10533- AAA         Jepc duty cycle)         Y         4.23         66.23         15.89         0.00         150.0         ± 9.6           10534- AAA         Jepc duty cycle)         Y         4.39         66.57         16.04         150.0         ± 9.6           10534- AAA         Jepc duty cycle)         Y         4.39         66.77         15.49         150.0         ± 9.6           10534- AAA         Jepc duty cycle)         Y         4.94         66.44         16.08         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.44         16.04         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.98         66.57         16.14         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.98         66.57			Y	4.35	66.51	16.01	[	150.0	
10532- AAA         IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)         X         4.48         66.16         15.85         0.00         150.0         ± 9.6           10533- AAA         IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)         Y         4.23         66.37         15.94         150.0         ± 9.6           10533- AAA         IEEE 802.11ac WiFi (20MHz, MCS8, AAA         Y         4.39         66.57         16.04         150.0         ± 9.6           10534- AAA         IEEE 802.11ac WiFi (40MHz, MCS0, AAA         Y         4.39         66.57         16.04         150.0         ± 9.6           10534- AAA         IEEE 802.11ac WiFi (40MHz, MCS0, AAA         Y         4.94         66.44         16.08         150.0         ± 9.6           10535- IEEE 802.11ac WiFi (40MHz, MCS1, AAA         Y         4.98         66.57         16.14         160.0         150.0         ± 9.6           10535- AAA         99pc duty cycle)         Y         4.98         66.57         16.14         160.0         150.0         ± 9.6           10536- AAA         99pc duty cycle)         Y         4.98         66.57         16.14         150.0         ± 9.6           10536- AAA         IEEE 802.11ac WiFi (40MHz, MCS2, AAA         5.09         66.45			Ż				<u> </u>		
Y         4.23         66.37         15.94         150.0           10533- AAA         IEEE 802.11ac WIFI (20MHz, MCS8, 99pc duty cycle)         X         4.64         66.23         15.89         0.00         150.0         ± 9.6           10534- AAA         99pc duty cycle)         Y         4.39         66.57         16.04         150.0         ± 9.6           10534- AAA         99pc duty cycle)         Y         4.39         66.57         16.04         150.0         ± 9.6           10534- AAA         16EE 802.11ac WIFI (40MHz, MCS0, AAA         X         5.16         66.33         15.97         0.00         150.0         ± 9.6           10535- AAA         99pc duty cycle)         Y         4.94         66.44         16.08         150.0         ± 9.6           10535- AAA         16EE 802.11ac WIFI (40MHz, MCS1, AAA         X         5.22         66.49         16.04         0.00         150.0         ± 9.6           10535- BAAA         99pc duty cycle)         Y         4.08         66.57         16.14         150.0         ± 9.6           10536- BAAA         1EEE 802.11ac WIFI (40MHz, MCS2, S.01         X         5.09         66.45         16.00         0.00         150.0         ± 9.6 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>0.00</td><td></td><td>±9.6 %</td></t<>							0.00		±9.6 %
IEEE 802.11ac WIFI (20MHz, MCS8, AAA         Z         4.39         65.69         15.43         150.0           10533- AAA         99pc duty cycle)         Y         4.39         66.57         16.04         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.39         66.57         16.04         150.0         ± 9.6           I0534- AAA         IEEE 802.11ac WIFI (40MHz, MCS0, AAA         X         5.16         66.33         15.97         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.44         16.08         150.0         ± 9.6           I0535- AAA         99pc duty cycle)         Y         4.94         66.44         16.08         150.0         ± 9.6           I0535- IEEE 802.11ac WIFI (40MHz, MCS1, AAA         Y         4.98         66.57         16.14         150.0         ± 9.6           I0536- IEEE 802.11ac WIFI (40MHz, MCS2, AAA         Y         4.98         66.57         16.14         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.87         66.58         16.12         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.87         66.56			TY	4.23	66.37	15.94		150.0	
10533- 99pc duty cycle)         IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)         X         4.64         66.23         15.89         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.39         66.57         16.04         150.0         ± 9.6           10534- AAA         IEEE 802.11ac WiFi (40MHz, MCS0, AAA         X         5.16         66.33         15.97         0.00         150.0         ± 9.6           10535- AAA         99pc duty cycle)         Y         4.94         66.44         16.08         150.0         ± 9.6           10535- IEEE 802.11ac WiFi (40MHz, MCS1, AAA         Y         4.94         66.49         16.04         0.00         150.0         ± 9.6           10536- AAA         99pc duty cycle)         Y         4.98         66.57         16.14         150.0         ± 9.6           10536- AAA         99pc duty cycle)         Y         4.98         66.57         16.14         150.0         ± 9.6           10537- AAA         IEEE 802.11ac WiFi (40MHz, MCS2, AAA         X         5.09         66.45         16.00         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.87         66.58         16.12         150									·
Y         4.39         66.57         16.04         150.0           10534- AAA         IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)         X         5.16         66.33         16.97         0.00         150.0         ± 9.6           10535- AAA         99pc duty cycle)         Y         4.94         66.44         16.08         150.0         ± 9.6           10535- AAA         99pc duty cycle)         Y         4.94         66.44         16.08         150.0         ± 9.6           10535- AAA         1EEE 802.11ac WiFi (40MHz, MCS1, AAA         X         5.22         66.49         16.04         0.00         150.0         ± 9.6           10536- AAA         99pc duty cycle)         Y         4.98         66.57         16.14         150.0         ± 9.6           10536- BAA         IEEE 802.11ac WiFI (40MHz, MCS2, AAA         X         5.09         66.58         16.12         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.87         66.58         16.12         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94<			X				0.00		±9.6 %
Z         4.55         65.79         15.49         150.0           10534- AAA         JEEE 802.11ac WIFI (40MHz, MCS0, 99pc duty cycle)         X         5.16         66.33         15.97         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.44         16.08         150.0         ± 9.6           I0535- AAA         JEEE 802.11ac WIFI (40MHz, MCS1, AAA         X         5.22         66.49         16.04         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.98         66.57         16.14         150.0         ± 9.6           I0536- AAA         JEEE 802.11ac WIFI (40MHz, MCS2, AAA         X         5.09         66.45         16.00         0.00         150.0         ± 9.6           10536- AAA         JEEE 802.11ac WIFI (40MHz, MCS2, AAA         X         5.09         66.45         16.00         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.87         66.58         16.12         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0         ± 9.6           AAA         99pc dut	man and a second s		T Y	4.39	66.57	16.04	****	150.0	
10534- AAA         IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)         X         5.16         66.33         16.97         0.00         150.0         ± 9.6           I0535- AAA         Y         4.94         66.44         16.08         150.0         ± 9.6           I0535- AAA         IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)         X         5.22         66.49         16.04         0.00         150.0         ± 9.6           I0535- AAA         99pc duty cycle)         Y         4.98         66.57         16.14         150.0         ± 9.6           I0536- AAA         99pc duty cycle)         Y         4.98         66.57         16.14         150.0         ± 9.6           I0536- AAA         IEEE 802.11ac WiFi (40MHz, MCS2, AAA         X         5.09         66.45         16.00         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.87         66.58         16.12         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0         ± 9.6									
Y         4.94         66.44         16.08         150.0           10535- AAA         IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)         X         5.22         66.49         16.04         0.00         150.0         ± 9.6           10536- AAA         99pc duty cycle)         Y         4.98         66.57         16.14         160.0         ± 9.6           10536- AAA         99pc duty cycle)         Y         4.98         66.57         16.14         150.0         ± 9.6           10536- AAA         1EEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)         X         5.09         66.45         16.00         0.00         150.0         ± 9.6           10537- AAA         1EEE 802.11ac WiFi (40MHz, MCS3, 39pc duty cycle)         X         5.15         66.42         15.99         0.00         150.0         ± 9.6           10537- AAA         1EEE 802.11ac WiFi (40MHz, MCS3, AAA         X         5.15         66.42         15.99         0.00         150.0         ± 9.6           10538- AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.00         66.53         16.14         150.0         ± 9.6							0.00		±9.6 %
Z         5.08         65.97         15.63         150.0           10535- AAA         JEEE 802.11ac WIFI (40MHz, MCS1, 99pc duty cycle)         X         5.22         66.49         16.04         0.00         150.0         ± 9.6           Y         4.98         66.57         16.14         150.0         ± 9.6           I0536- AAA         99pc duty cycle)         Y         4.98         66.57         16.14         150.0           10536- AAA         IEEE 802.11ac WIFI (40MHz, MCS2, AAA         X         5.09         66.45         16.00         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.87         66.58         16.12         150.0           IEEE 802.11ac WIFI (40MHz, MCS3, AAA         S.15         66.42         15.99         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0           LEEE 802.11ac WIFI (40MHz, MCS4, AAA         S.25         66.46         16.05         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.00         66.53         16.14         150.0           LEEE 802.11ac WIFI (40MHz, MCS6, AAA         Y<			Y	4.94	66.44	16.08		150.0	
10535- AAA         IEEE 802.11ac WIFI (40MHz, MCS1, 99pc duty cycle)         X         5.22         66.49         16.04         0.00         150.0         ± 9.6           10536- AAA         Y         4.98         66.57         16.14         150.0         ± 9.6           10536- AAA         IEEE 802.11ac WIFI (40MHz, MCS2, 99pc duty cycle)         X         5.09         66.45         16.00         0.00         150.0         ± 9.6           10536- AAA         99pc duty cycle)         Y         4.87         66.58         16.12         150.0         ± 9.6           10537- AAA         99pc duty cycle)         Y         4.87         66.58         16.12         150.0         ± 9.6           10537- AAA         1EEE 802.11ac WIFI (40MHz, MCS3, AAA         X         5.15         66.42         15.99         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.25         66.46         16.05         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.00         66.53         16.14         150.0         150.0									
Y         4.98         66.57         16.14         150.0           10536- AAA         IEEE 802.11ac WiFi (40MHz, MCS2, AAA         X         5.09         66.45         16.00         0.00         150.0         ± 9.6           10537- AAA         Sppc duty cycle)         Y         4.87         66.58         16.12         150.0         ± 9.6           10537- AAA         Sppc duty cycle)         Y         4.87         66.58         16.12         150.0         ± 9.6           10537- AAA         IEEE 802.11ac WiFi (40MHz, MCS3, AAA         X         5.15         66.42         15.99         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.25         66.46         16.05         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.00         66.53         16.14         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.00         66.53 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.00</td> <td></td> <td>±9.6%</td>							0.00		±9.6%
Z         5.14         66.12         15.69         150.0           10536- AAA         IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)         X         5.09         66.45         16.00         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.87         66.58         16.12         150.0         ± 9.6           I0537- AAA         99pc duty cycle)         Y         4.87         66.58         16.12         150.0         ± 9.6           I0537- AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.07         66.06         15.64         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.00         66.53         16.14         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.00         66.53         16.14         150.0         <			t y l	4.98	66.57	16.14		150.0	
10536- AAA         IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)         X         5.09         66.45         16.00         0.00         150.0         ± 9.6           I0537- AAA         99pc duty cycle)         Y         4.87         66.58         16.12         150.0         ± 9.6           I0537- AAA         99pc duty cycle)         Y         4.87         66.58         16.12         150.0         ± 9.6           I0537- AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0         ± 9.6           I0538- AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0         ± 9.6           I0538- AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0         ± 9.6           I0538- AAA         99pc duty cycle)         Y         5.07         66.05         15.64         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.00         66.53         16.14         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.01         66.45         16.06         0.00         150.0         ± 9.6           AAA         99pc duty cyc									
Y         4.87         66.58         16.12         150.0           Z         5.01         66.06         15.64         150.0           Ibit Signed Control         Z         5.01         66.06         15.64         150.0           AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.94         66.57         16.12         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.25         66.46         16.05         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.00         66.53         16.14         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.00         66.53         16.14         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.07         66.45         16.06         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.17         66.45							0.00		±9.6 %
Z         5.01         66.06         15.64         150.0           10537- AAA         IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)         X         5.15         66.42         15.99         0.00         150.0         ± 9.6           Y         4.94         66.57         16.12         150.0         ± 9.6           Z         5.07         66.06         15.64         150.0         ± 9.6           X         5.25         66.46         16.05         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.25         66.46         16.05         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.00         66.53         16.14         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.01         66.45         16.06         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.07         66.45         16.06         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.17         66.45         16.06         0.00         150.0         ± 9.6           AAA         99p			TY	4.87	66.58	16.12		150.0	
10537- AAA         IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)         X         5.15         66.42         15.99         0.00         150.0         ± 9.6           Y         4.94         66.57         16.12         150.0         ± 9.6           Z         5.07         66.06         15.64         150.0         ± 9.6           10538- AAA         99pc duty cycle)         Y         5.25         66.46         16.05         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.00         66.53         16.14         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.00         66.53         16.14         150.0           LEEE 802.11ac WiFi (40MHz, MCS6, AAA         X         5.17         66.45         16.06         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.93         66.49         16.14         150.0									
Y         4.94         66.57         16.12         150.0           10538- AAA         IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)         X         5.25         66.46         16.05         0.00         150.0         ± 9.6           Y         5.00         66.53         16.14         150.0         ± 9.6           U540-         IEEE 802.11ac WiFi (40MHz, MCS6, AAA         X         5.17         66.45         18.06         0.00         150.0         ± 9.6           V         4.93         66.49         16.14         150.0         ± 9.6		IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)					0.00		±9.6 %
Z         5.07         66.05         15.64         150.0           10538- AAA         IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)         X         5.25         66.46         16.05         0.00         150.0         ± 9.6           Y         5.00         66.53         16.14         150.0         ± 9.6           Z         5.16         66.09         15.71         150.0         ± 9.6           AAA         99pc duty cycle)         Y         5.17         66.45         16.06         0.00         150.0         ± 9.6           AAA         99pc duty cycle)         Y         4.93         66.49         16.14         150.0			Y	4.94	66.57	16.12		150.0	
10538- AAA         IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)         X         5.25         66.46         16.05         0.00         150.0         ± 9.6           Y         5.00         66.53         16.14         150.0         ±         9.6           Z         5.16         66.09         15.71         150.0         ±         9.6           10540- AAA         IEEE 802.11ac WiFi (40MHz, MCS6, AAA         X         5.17         66.45         16.06         0.00         150.0         ±         9.6           AAA         99pc duty cycle)         Y         4.93         66.49         16.14         150.0									
Y         5.00         66.53         16.14         150.0           Z         5.16         66.09         15.71         150.0           10540- AAA         IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)         X         5.17         66.45         16.06         0.00         150.0         ± 9.6           Y         4.93         66.49         16.14         150.0         150.0							0.00		±9.6 %
Z         5.16         66.09         15.71         150.0           10540- AAA         IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)         X         5.17         66.45         16.06         0.00         150.0         ± 9.6           Y         4.93         66.49         16.14         150.0			Y	5.00	66.53	16.14		150.0	
10540- AAA         IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)         X         5.17         66.45         16.06         0.00         150.0         ± 9.6           Y         4.93         66.49         16.14         150.0         ± 9.6									
Y 4.93 66.49 16.14 150.0							0.00		±9.6 %
			Y	4 93	66.49	16.14		150.0	
Z 5.09 66.08 15.71 150.0			Z	5.09	66.08				

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10541- AAA	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	X	5.15	66.33	16.00	0.00	150.0	± 9.6 %
		Y	4.91	66.41	16.08		150.0	
		Z	5.07	65,97	15,65		150.0	
10542- AAA	IEEE 802.11ac WIFI (40MHz, MCS8, 99pc duty cycle)	X	5.30	66.40	16.05	0.00	150.0	± 9.6 %
*****		Y	5.07	66,50	16.14		150.0	
		Z	5,22	66.06	15.71		150.0	
10543- AAA	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)	X	5.38	66.44	16.08	0.00	150.0	± 9.6 %
		Y	5.14	66.58	16.21		150.0	
		Z	5.30	66.10	15.76		150.0	
10544- AAA	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duly cycle)	X	5.46	66.46	15.97	0.00	150.0	±9.6 %
		Y	5.28	66.51	16.06		150.0	
		Z	5.38	66.12	15.65		150.0	
10545- AAA	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	X	5.65	66.85	16.12	0.00	150.0	± 9.6 %
		Y	5.46	66.95	16.24		150.0	
		Z X	5.57	66.50	15.79		150.0	
10546- AAA	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)		5.53	66.68	16.05	0.00	150.0	±9.6 %
		Y	5.31	66.63	16.09		150.0	
		Z	5.45	66.33	15.72		150.0	
10547- AAA	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	X	5.61	66.72	16.06	0.00	150.0	±9.6 %
		Y	5.39	66.75	16.15		150.0	
		Z	5.52	66.37	15.73		150.0	
10548- AAA	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duly cycle)		5.85	67.61	16.48	0.00	150.0	± 9.6 %
		Y	5.53	67.36	16.43		150.0	
		Z	5.74	67.19	16.11		150.0	
10550- AAA	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	X	5.56	66.68	16.05	0.00	150.0	± 9.6 %
		Y	5,37	66.83	16.21		150.0	
		Z	5.47	66.33	15.73		150.0	
10551- AAA	IEEE 802.11ac WIFi (80MHz, MCS7, 99pc duty cycle)	X	5.56	66.73	16.04	0.00	150.0	± 9.6 %
		Y	5.31	66.60	16.05		150.0	
		Z	5.48	66.38	15.72		150.0	
10552- AAA	IEEE 802.11ac WiFI (80MHz, MCS8, 99pc duty cycle)	X	5.48	66.53	15.95	0.00	150.0	±9.6 %
		Y	5.29	66.63	16.07		150.0	
		Z	5.40	66.19	15.63		150.0	
10553- AAA	IEEE 802.11ac WiFI (80MHz, MCS9, 99pc duty cycle)	X	5.57	66.58	16.01	0.00	150.0	± 9.6 %
		Y	5.34	66.57	16.07		150.0	
		Z	5.49	66.24	15.69		150.0	
10554- AAB	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	X	5.86	66.83	16.07	0.00	150.0	± 9.6 %
		Y	5.70	66.84	16.14		150.0	
		Z	5.79	66.51	15.76	ļ	150.0	
10555- AAB	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	X	5.99	67.12	16.19	0.00	150.0	±9.6 %
		Y	5.79	67.06	16.23		150.0	ļ
10556-	IEEE 802.11ac WIFI (160MHz, MCS2,	Z X	5.91 6.01	66.79 67.16	15.88 16.20	0.00	150.0 150.0	± 9.6 %
AAB	99pc duty cycle)	+	E 00	67.17	46.00		150.0	
		Y	5.83		16.28			
40000		Z	5.93	66.83	15.90	0.00	150.0	100%
10557- AAB	IEEE 802.11ac WIFI (160MHz, MCS3, 99pc duty cycle)	X	5.98	67.09	16.19	0.00	150.0	± 9.6 %
		Y	5,79	67.04	16.23		150.0	
		Z	5.90	66,76	15.88	1	150.0	1

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10558- AAB	IEEE 802.11ac WIFI (160MHz, MCS4, 99pc duty cycle)	X	6.03	67.25	16.28	0.00	150.0	± 9.6 %
		Y	5.80	67.10	16.28		150.0	1
10500		Z	5.95	66.91	15.97	1	150.0	L
10560- AAB	IEEE 802.11ac WIFI (160MHz, MCS6, 99pc duty cycle)	X	6.03	67.11	16.25	0.00	150.0	± 9.6 %
		Y	5.82	67.03	16.28		150.0	
		Z	5.95	66.79	15.95		150.0	]
10561- AAB	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	X	5.95	67.06	16.26	0.00	150.0	± 9.6 %
		<u>Y</u>	5.75	67.02	16.31		150.0	
		Z	5.87	66.74	15.96		150.0	
10562- AAB	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	X	6.08	67.46	16.46	0.00	150.0	± 9.6 %
		Y	5.80	67.18	16.39		150.0	
		Z	5.99	67.10	16.14		150.0	
10563- AAB	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	X	6.37	67.91	16.64	0.00	150.0	± 9.6 %
		Y	5.90	67.15	16.34		150.0	
40504		Z	6.25	67.49	16.29	L	150.0	L
10564- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 9 Mbps, 99pc duty cycle)	X	4.89	66.71	16.30	0.46	150.0	± 9.6 %
		Y	4,66	66.99	16.40		150.0	
10505		Z	4,82	66.37	15.96	L	150.0	
10565- AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS- OFDM, 12 Mbps, 99pc duty cycle)	X	5.13	67.16	16.62	0.46	150.0	± 9.6 %
		Y	4.85	67,38	16.70	{	150.0	
10000		Z	5.06	66.82	16.28		150.0	
10566- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 18 Mbps, 99pc duty cycle)	X	4.96	67.01	16.44	0.46	150.0	± 9.6 %
		Y	4.69	67.21	16.51		150.0	]
		Z	4.89	66.65	16.09		150.0	
10567- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 24 Mbps, 99pc duty cycle)	X	4.99	67.40	16.79	0.46	150.0	± 9.6 %
		Y	4.72	67.59	16.87		150.0	
		Z	4.91	67.01	16.42		150.0	
10568- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 36 Mbps, 99pc duty cycle)	X	4.88	66.78	16.21	0.46	150.0	± 9.6 %
		Y	4.59	66.97	16.28		150.0	
		Z	4.80	66.43	15.86		150.0	
10569- AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS- OFDM, 48 Mbps, 99pc duty cycle)	X	4.94	67.48	16.84	0.46	150.0	± 9.6 %
		Y	4.72	67.83	17.02		150.0	
		Z	4.86	67.08	16.47		150.0	
10570- AAA	IEEE 802.11g WiFI 2.4 GHz (DSSS- OFDM, 54 Mbps, 99pc duty cycle)	x	4.98	67.32	16.77	0.46	150.0	± 9.6 %
		Y	4,71	67.60	16.90		150.0	
10571-		Z	4,90	66.95	16.41		150.0	
10571- AAA	IEEE 802.11b WIFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	x	1.22	64.72	15.64	0.46	130.0	± 9.6 %
		Y	1.15	65.06	16.01		130.0	
10670		Z	1.14	63.13	14.22		130.0	
10572- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	X	1.24	65.31	16.00	0.46	130.0	±9.6 %
		Y	1,16	65.69	16.41		130.0	
10573-		Z	1.15	63.54	14.48		130.0	
10573- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	X	2.25	85.40	22.87	0.46	130.0	± 9.6 %
		Ý	6.32	106.96	30.28		130.0	
10574-		Z	0.93	70.33	16.00		130.0	
10574- AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	X	1.38	71.07	18.84	0.46	130.0	± 9.6 %
		Y	1.33	72.52	19.89		130.0	
		Z	1.13	66.91				

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10575-	IEEE 802.11g WiFi 2.4 GHz (DSSS-	X	4.69	66.54	16.38	0.46	130.0	± 9.6 %
AAA	OFDM, 6 Mbps, 90pc duty cycle)		4.46	00.04	10.47		400.0	
		Y	4.45	66.81	16.47		130.0	
10576-	IEEE 802,11g WIFI 2.4 GHz (DSSS-	Z	4.62	66.19	16.03	0.40	130.0	100%
AAA	OFDM, 9 Mbps, 90pc duty cycle)	X	4.72	66.70	16.45	0.46	130.0	±9.6 %
		Y	4.48	67.01	16.55		130.0	
		Z	4.64	66.34	16.08		130.0	
10577- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 12 Mbps, 90pc duty cycle)	X	4.93	67.00	16.62	0.46	130.0	± 9.6 %
		Y	4.64	67.23	16.69		130.0	
		Z	4.85	66.64	16.26		130.0	
10578- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 18 Mbps, 90pc duty cycle)	Х	4.82	67.16	16.72	0.46	130.0	±9.6 %
		Y	4.55	67.37	16.79		130.0	
		Z	4.74	66.77	16.34		130.0	
10579- AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS- OFDM, 24 Mbps, 90pc duty cycle)	Х	4.59	66.46	16.04	0.46	130.0	±9.6 %
		Y	4.31	66.60	16.08		130.0	
		z	4.51	66.09	15.67		130.0	
10580- AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS- OFDM, 36 Mbps, 90pc duty cycle)	X	4.64	66.48	16.06	0.46	130.0	± 9.6 %
		Y	4.34	66.67	16.11		130.0	
		Z	4,56	66.12	15.70		130.0	
10581- AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS- OFDM, 48 Mbps, 90pc duty cycle)	x	4.72	67.20	16.66	0.46	130.0	± 9.6 %
		Y	4.46	67.48	16.79		130.0	
		Ż	4.64	66.79	16.27		130.0	
10582- AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS- OFDM, 54 Mbps, 90pc duty cycle)	X	4.54	66.22	15.83	0.46	130.0	± 9.6 %
<u> </u>		Y	4.24	66.38	15.88		130.0	
		Ż	4.46	65.86	15.47		130.0	
10583- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	X	4.69	66.54	16.38	0.46	130.0	± 9.6 %
1001		Y	4.45	66.81	16.47		130.0	
		Z	4.62	66.19	16.03		130.0	
10584- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	X	4.72	66.70	16.45	0.46	130.0	± 9.6 %
	mobil cope and clearly	Y	4.48	67.01	16.55		130.0	
		Ż	4.64	66.34	16.08		130.0	
10585- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	X	4.93	67.00	16.62	0.46	130.0	± 9.6 %
		Y	4.64	67.23	16.69		130.0	
		z	4.85	66.64	16.26		130.0	
10586- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	X	4.82	67.16	16.72	0.46	130.0	± 9.6 %
<u></u>		Y	4.55	67.37	16.79		130.0	
		Z	4.74	66.77	16.34		130.0	
10587- AAA	IEEE 802.11a/h WIFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	X	4.59	66.46	16.04	0.46	130.0	±9.6 %
, , , , , , , , , , , , , , , , , , , ,		Y	4.31	66.60	16.08		130.0	
	+	Z	4.51	66.09	15.67		130.0	
10588-	IEEE 802,11a/h WiFi 5 GHz (OFDM, 36	X	4.64	66.48	16.06	0.46	130.0	±9.6%
AAA	Mbps, 90pc duty cycle)	Ŷ	4.04	66.67	16.11		130.0	
		Z	4.34	66.12	15.70	ŀ	130.0	
10589-	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48	X	4.06	67.20	16.66	0.46	130.0	±9.6 %
AAA	Mbps, 90pc duty cycle)	Y	4,46	67.48	16.79		130.0	
							130.0	<u> </u>
40500		Z	4.64	66.79	16.27	0.40	130.0	± 9.6 %
10590- AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)		4.54	66.22	15.83	0.46		I J.O %
		Y	4,24	66.38	15.88	ļ	130.0	
	1	Z	4.46	65.86	15.47	L	130.0	I

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10591- AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	X	4,84	66.60	16.48	0.46	130.0	± 9.6 %
		Y	4.61	66.88	16.58		130.0	
		Z	4.78	66.27	16.14	1	130.0	
10592- AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	х	5.00	66.94	18.61	0.46	130.0	±9.6 %
		Y	4.72	67.17	16.70		130.0	
		Z	4.93	66.60	16.27	[	130.0	
10593- AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)	X	4.92	66.86	16.50	0.46	130.0	± 9.6 %
		Y	4.64	67.05	16.57		130.0	
		Z	4.85	66.51	16.15		130.0	
10594- AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	X	4.98	67.02	16.65	0.46	130.0	± 9.6 %
		Y	4.70	67.22	16.73		130.0	
		Z	4.90	66.67	16.30		130.0	
10595- AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	X	4.95	66.98	16.55	0.46	130.0	± 9.6 %
		Y	4.67	67.21	16.65		130.0	
		ZX	4.87	66.62	16.20		130.0	
10596- AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)		4.88	66.97	16.55	0.46	130.0	± 9.6 %
		<u>Y</u>	4.60	67.18	16.64		130.0	
1447		Z	4.81	66.61	16.19		130.0	
10597- AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	X	4.83	66.88	16.44	0.46	130.0	± 9.6 %
		Y	4.55	67.05	16.50		130.0	
		Z	4.76	66.51	16.08		130.0	
10598- AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)	X	4.82	67.12	16.70	0.46	130.0	± 9.6 %
		Y	4.54	67.27	16.75		130.0	
		Z	4.73	66.73	16.32		130.0	,
10599- AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	X	5.50	67.15	16.68	0.46	130.0	±9.6 %
		Y	5,28	67.31	16.81		130.0	
		Z	5.44	66.86	16.38		130.0	
10600- AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)		5.64	67.56	16.86	0.46	130.0	± 9.6 %
		Y	5.38	67.66	16,96		130.0	
		Z	5.56	67.23	16.54		130.0	
10601- AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)	X	5.53	67.32	16.75	0.46	130.0	± 9.6 %
		Y	5.29	67.45	16,87		130.0	
		Z	5.46	67.01	16.44		130.0	
10602- AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)	X	5.62	67.31	16.67	0.46	130.0	± 9.6 %
		Y	5.38	67.49	16.81		130.0	
		Z	5.55	67.02	16.37		130.0	
10603- AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)	X	5.71	67.66	16.97	0.46	130.0	± 9.6 %
		Y	5.45	67.77	17.09		130.0	
		Z	5.64	67,34	16.66		130.0	······
10604- AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)	X	5.51	67.11	16.68	0.46	130.0	± 9.6 %
		Y	5.33	67.40	16.88		130.0	
		Z	5.44	66.82	16.39		130.0	·····
10605- AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)	X	5.62	67.42	16.84	0.46	130.0	± 9.6 %
		Y	5.37	67.54	16.95		130.0	
		Z	5.55	67.12	16.53		130.0	
10606- AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	x	5.39	66.86	16.42	0.46	130.0	±9.6 %
1414	1							
		Y	5.16	66.99	16.54	1	130.0	

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10607- AAA	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	X	4.68	65.91	16.10	0.46	130.0	± 9.6 %
• • • • • • • • • • • • • • • • • • • •		Y	4.46	66.25	16.24		130.0	
		Ż	4.60	65.53	15.73		130.0	
10608- AAA	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)	X	4.87	66.32	16.26	0.46	130.0	±9.6 %
		Y	4.60	66.58	16.39		130.0	
		Z	4.78	65.92	15.89		130.0	
10609- AAA	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	x	4.76	66.17	16.11	0.46	130.0	± 9.6 %
	1	Y	4,50	66.43	16.22		130.0	
		Z	4.67	65.77	15.73		130.0	
10610- AAA	IEEE 802.11ac WIFI (20MHz, MCS3, 90pc duty cycle)	×	4.81	66.33	16.27	0.46	130.0	± 9.6 %
		Y	4.55	66.59	16.38		130.0	
		Z	4.72	65.92	15.89		130.0	
10611- AAA	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	X	4.73	66.14	16.12	0.46	130.0	± 9.6 %
		Y	4.46	66.39	16.23		130.0	
		Z	4.64	65.73	15.74		130.0	
10612- AAA	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	X	4.74	66.29	16.16	0.46	130.0	± 9.6 %
		Y	4.45	66.53	16.28		130.0	
		Z	4.65	65.87	15.77		130.0	
10613- AAA	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	X	4.74	66.18	16.05	0.46	130.0	± 9.6 %
		Y	4.45	66.34	16.12		130.0	
		Z	4.65	65.77	15.67		130.0	
10614- AAA	IEEE 802.11ac WIFI (20MHz, MCS7, 90pc duty cycle)	X	4,68	66.37	16.28	0.46	130.0	± 9.6 %
		Y	4.41	66.56	16.36		130.0	
		Z	4.59	65.93	15.88		130.0	
10615- AAA	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	X	4.73	65.97	15.90	0,46	130.0	± 9.6 %
		Y	4,46	66.25	16.01		130.0	
		Z	4.64	65.58	15.53		130.0	
10616- AAA	IEEE 802.11ac WiFI (40MHz, MCS0, 90pc duty cycle)	X	5.33	66.42	16.30	0.46	130.0	±9.6 %
		Y	5.09	66.51	16.39		130.0	
		Z	5.25	66.08	15.97		130.0	
10617- AAA	IEEE 802.11ac WIFI (40MHz, MCS1, 90pc duty cycle)	X	5.39	66.56	16.34	0.46	130.0	± 9.6 %
		Y	5.13	66.64	16.44		130.0	
		Z	5.31	66.22	16.01		130.0	
10618- AAA	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)	X	5.28	66.59	16.37	0.46	130.0	± 9.6 %
		Y	5.05	66.71	16,49		130.0	
		Z	5.19	66.23	16.03		130.D	
10619- AAA	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	X	5.30	66.41	16.22	0.46	130.0	± 9.6 %
		Y	5.07	66.54	16.34		130.0	
		Z	5,22	66,06	15.88		130.0	
10620- AAA	IEEE 802.11ac WIFi (40MHz, MCS4, 90pc duty cycle)	X	5.39	66.47	16.30	0.46	130.0	±9.6 %
		Y	5.14	66,53	16.38		130.0	
		Z	5.32	66.13	15.97		130.0	
10621- AAA	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	X	5.39	66.57	16.46	0.46	130.0	± 9.6 %
		Y	5.14	66.62	16,54		130.0	
		Z	5.31	66.23	16.14		130.0	
10622- AAA	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	X	5.39	66.72	16.53	0.46	130.0	± 9.6 %
		Y	5.13	66.72	16.59		130.0	
	1	Z	5.31	66.37	16.19		130.0	

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10623- AAA	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	x	5.27	66.26	16.18	0.46	130.0	± 9.6 %
		Y	5.02	66.29	16.24		130.0	
		Z	5.20	65.93	15.86		130.0	1
10624- AAA	IEEE 802.11ac WIFI (40MHz, MCS8, 90pc duty cycle)	X	5.47	66.46	16.34	0.46	130.0	± 9.6 %
		Y	5.22	66.54	16.42		130.0	
		Z	5.39	66.14	16.03		130.0	
10625- AAA	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	x	5.84	67.45	16.88	0.46	130.0	± 9.6 %
		Y	5.30	66.66	16.55		130.0	
		Z	5.75	67.07	16.54		130.0	
10626- AAA	IEEE 802.11ac WIFi (80MHz, MCS0, 90pc duty cycle)	X	5.61	66.48	16.25	0.46	130.0	±9.6 %
		Y	5.42	66.52	16.34		130.0	
		Z	5.54	66.18	15.95		130.0	1
10627- AAA	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	X	5.85	67.01	16.48	0.46	130.0	± 9.6 %
		Y	5.65	67.12	16.61		130.0	
10000		Z	5.77	66.68	16.17		130.0	
10628- AAA	IEEE 802.11ac WIFI (80MHz, MCS2, 90pc duty cycle)	X	5.65	66.59	16.21	0.46	130.0	±9.6 %
		Y	5.42	66.51	16.24		130.0	
10.85		Z	5.58	66.27	15.90		130.0	
10629- AAA	IEEE 802.11ac WIFI (80MHz, MCS3, 90pc duty cycle)	X	5.74	66.69	16.24	0.46	130.0	±9.6 %
		Y	5.52	66.70	16.33		130.0	
		Z	5.66	66.36	15.94		130.0	
10630- AAA	IEEE 802,11ac WiFi (80MHz, MCS4, 90pc duty cycle)	x	6.17	68.13	16.97	0.46	130.0	± 9.6 %
		Y	5,75	67.60	16.79		130.0	
		Z	6.05	67.69	16.60		130.0	
10631- AAA	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	X	6.08	67.96	17.07	0,46	130.0	± 9.6 %
		Y	5.72	67.60	16.96		130.0	
		Z	5.97	67.56	16.72		130.0	
10632- AAA	IEEE 802.11ac WIFI (80MHz, MCS6, 90pc duty cycle)	X	5.82	67.08	16.65	0.46	130.0	±9.6 %
		Y	5.65	67.28	16.83		130.0	
		Z	5.74	66.75	16.33		130.0	
10633- AAA	IEEE 802.11ac WIFi (80MHz, MCS7, 90pc duty cycle)	X	5.72	66.76	16.32	0.46	130.0	± 9.6 %
		Y	5.45	66.59	16.31		130.0	
		Z	5.64	66.44	16.01		130.0	
10634- AAA	IEEE 802.11ac WiFI (80MHz, MCS8, 90pc duty cycle)	X	5.70	66.79	16.39	0.46	130.0	± 9.6 %
		Y	5.47	66.77	16.45		130.0	
		Z	5.63	66.46	16,08		130.0	
10635- AAA	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	X	5.59	66.14	15.80	0.46	130.0	± 9.6 %
· ·	· · · · · · · · · · · · · · · · · · ·	Y	5.34	66.06	15.83		130.0	
		Z	5.52	65.85	15.51		130.0	
10636- AAB	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	X	6.02	66.86	16.35	0.46	130.0	± 9.6 %
		Y	5.86	66.86	16.41		130.0	
10000		Z	5.95	66.56	16.06		130.0	
10637- AAB	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	X	6.17	67.22	16.51	0.46	130.0	± 9.6 %
		Y	5.97	67.16	16.55		130.0	
10005		Z	6.10	66.91	16.22		130.0	
10638- AAB	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	X	6.18	67.20	16.48	0.46	130.0	±9.6 %
	1	Y	6.00	67.24	16.57		130.0	
		Z	6.10	1733K+T 1	10.07		1.00.0	

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10639- AAB	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	X	6.16	67.17	16.51	0.46	130.0	± 9.6 %
		Y	5.95	67.10	16.54		130.0	
		Z	6.08	66.87	16.22		130.0	
10640- AAB	IEEE 802.11ac WIFI (160MHz, MCS4, 90pc duty cycle)	X	6.17	67.19	16.46	0.46	130.0	± 9.6 %
		Y	5.92	67.01	16.44		130.0	
		Z	6.09	66.88	16.17		130.0	
10641- AAB	IEEE 802.11ac WIFI (160MHz, MCS5, 90pc duty cycle)	X	6.20	67.05	16.41	0.46	130.0	± 9.6 %
		Y	6.01	67.09	16.50		130.0	
		Z	6.13	66.77	16.13		130.0	
10642- AAB	IEEE 802.11ac WIFI (160MHz, MCS6, 90pc duty cycle)	×	6.25	67.34	16.72	0.46	130.0	± 9.6 %
		Y	6.03	67,26	16.75		130.0	
		Z	6.18	67.04	16.43		130.0	
10643- AAB	IEEE 802.11ac WIFI (160MHz, MCS7, 90pc duty cycle)	X	6.08	67.01	16.45	0.46	130.0	±9.6 %
		Y	5.88	66.98	16.51		130.0	
		Z	6.01	66.71	16.17		130.0	
10644- AAB	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	X	6.26	67.55	16.75	0.46	130.0	±9.6 %
		Y	5.94	67.16	16.62		130.0	
10645-	IEEE 802.11ac WIFi (160MHz, MCS9,	Z X	6.17 6.68	67.22 68.35	16.44 17.09	0.46	130.0 130.0	± 9.6 %
AAB	90pc duty cycle)	Y	6.07	67.21	16.61		130.0	
		Z	6.55	67.93	16.75		130.0	
10646- AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	X	50.85	132.52	44.24	9.30	60.0	±9.6 %
		Y	20.70	121.95	43.56		60.0	
		Z	29.84	120.12	40.73		60.0	
10647- AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	X	42.76	129.31	43.55	9,30	60.0	±9.6 %
		Y	15.62	115.37	41.74		60.0	
		Z	25.56	117.23	40.05		60.0	
10648- AAA	CDMA2000 (1x Advanced)	X	0.70	63.25	10.84	0.00	150.0	±9.6 %
		Y	0.49	61.73	8.31		150.0	
		Z	0,62	61.44	9.27		150.0	
10652- AAB	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	X	3.96	67.79	17.06	2.23	80.0	±9.6 %
	_	Y	3.56	68.00	16.93	ļ	80.0	
		Z	3.68	66.46	16.20		80.0	
10653- AAB	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	X	4.44	66.99	17.10	2.23	80.0	± 9.6 %
		Y	4.02	66.80	16.97		80.0	
40054		Z	4.23	66.09	16.47	0.00	80.0	100%
10654- AAB	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	X	4.40	66.63	17.09	2.23	80.0	±9.6 %
*****		Y	4.01	66.32	16.96		80.0	<b> </b>
10075		Z	4.21	65.79	16.49		80.0	100%
10655- AAB	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	X	4.45	66.63	17.12	2.23	80.0	±9.6 %
		Y	4.08	66.20	16.98		80.0	ļ
		Z	4.27	65.81	16.53		80.0	l

<sup>E</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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