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

ccredited by the Swiss Accredits ne Swiss Accreditation Servic utiliateral Agreement for the re	e is one of the signatories	to the EA	No.: SCS 0108
lient SGS-TW (Aude	en)	Certificate No.	DAE4-1665_Mar21
ALIBRATION (	CERTIFICATE		
Object	DAE4 - SD 000 D	04 BO - SN: 1665	
albration procedure(s)	QA CAL-06.v30 Calibration proces	dure for the data acquisition elec	etronics (DAE)
alibration date:	March 01, 2021		
he measurements and the unce	rtainties with confidence pro	nal standards, which realize the physical un babblith are given on the following pages an facility: environment temperature (22 ± 3)°	d are part of the certificate.
he measurements and the unce il calibrations have been condu- alibration Equipment used (M&	retainties with confidence proceed in the closed faboratory TE critical for calibration)	sability are given on the following pages ar facility: environment temperature (22 $\pm$ 3) $^{\circ}$	id are part of the certificate. C and humidity < 70%.
he measurements and the unce il calibrations have been condu- alibration Equipment used (M& rimary Standards	rtainties with confidence pro sted in the closed laboratory	bability are given on the following pages an	d are part of the certificate.
he measurements and the unce il calibrations have been condu- salibration Equipment used (M& trimary Standards eithley Multimeter Type 2001	retainties with confidence proceed in the closed faboratory  TE critical for calibration)    ID #	inability are given on the following pages ar facility; environment temperature (22 ± 3)°4 Cal Date (Certificate No.) 07-Sep-20 (No:28647)	id are part of the certificate.  C and humidity < 70%.  Scheduled Calibration
he measurements and the unce ill calibrations have been condu- calibration Equipment used (M& rimary Standards eithley Multimeter Type 2001 econdary Standards uto DAE Calibration Unit	retainties with confidence proceed in the closed laboratory TE critical for calibration)  ID #  SN: 0810278  ID #  SE UWS 053 AA 1001	inability are given on the following pages ar facility; environment temperature (22 ± 3)*4 Cal Date (Certificate No.)	of are part of the certificate.  2 and humidity < 70%.  Scheduled Calibration  Sep-21
he measurements and the unce ill calibrations have been condu- calibration Equipment used (M& rimary Standards eithley Multimeter Type 2001 econdary Standards uto DAE Calibration Unit	retainties with confidence proceed in the closed faboratory TE critical for calibration)  ID # SN: 0810278  ID # SE UWS 053 AA 1001 SE UWS 006 AA 1002	ibability are given on the following pages an facility; environment temperature (22 ± 3)*4  Cal Date (Certificate No.) 07-Sep-20 (No:28847) Check Date (In house) 07-Jan-21 (in house check) 07-Jan-21 (in house check)	d are part of the certificate.  C and humidity < 70%.  Scheduled Calibration  Sep-21  Scheduled Check  In house check: Jan-22  In house check: Jan-22
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Calibration Laboratory of Schmid & Partner Engineering AG Zeughausstrasse 43, 600





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

Accreditation No.: SCS 0108

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Glossary

DAE data acquisition electronics

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

#### Methods Applied and Interpretation of Parameters

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

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DC Voltage Measurement
AD - Converter Resolution non
High Range: 1LSB
Low Range: 1LSB 1LSB = B.tµV, full range = -100,...+300 mV
1LSB = B1nV, full range = -1........\*5mV
parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

Calibration Factors	X	Y	Z
High Range	404,502 ± 0.02% (k=2)	404.818 ± 0.02% (k=2)	404.763 ± 0.02% (k=2)
Low Range	3,97893 ± 1.50% (k=2)	4.00708 ± 1.50% (k=2)	3.97737 ± 1.50% (k=2)

## Connector Angle

Connector Angle to be used in DASY system	68.5 °± 1 °

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## Appendix (Additional assessments outside the scope of SCS0108)

#### 1. DC Voltage Linearity

High Range	Reading (µV)	Difference (µV)	Error (%)
Channel X + Input	199989.64	-1.90	-0.00
Channel X + Input	20001,91	0,52	0.00
Channel X - Input	-19999.87	1,77	-0.01
Channel Y + Input	199990.64	-0.90	-0.00
Channel Y + Input	19999.85	-1.50	-0.01
Channel Y - Input	-20003.55	-1.93	0,01
Channel Z + Input	199993.26	1.72	0,00
Channel Z + Input	19998.83	-2.48	-0.01
Channel Z - Input	-20003.66	-2.00	0.01

Low Range	Reading (µV)	Difference (µV)	Error (%)
Channel X + Input	2000.58	-0.17	-0.01
Channel X + Input	201.86	0.70	0,35
Channel X - Input	-198.61	0.13	-0.07
Channel Y + Input	2000.35	-0.48	-0.02
Channel Y + Input	200.34	-0,78	-0.39
Channel Y - Input	-200.76	-2.00	1.00
Channel Z + Input	2000.19	-0.54	-0.03
Channel Z + Input	199,96	-1.10	-0.55
Channel Z - Input	-199.80	-0.91	0.46

 Common mode sensitivity
 DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec
 Common mode Input Voltage (mV) High Range Average Reading (μV) Low Range Average Reading (μV) Channel X 200 3.14 Channel Y 200 -0.28 0.20 200 -2.79 -3.02 Channel Z 200 -14,37 -14,41

## 3. Channel separation

Auto Zero Time: 3 sec; Measuring time: 3 sec

200

	Input Voltage (mV)	Channel X (µV)	Channel Y (µV)	Channel Z (µV)
Channel X	200	- 54	0.59	-2.26
Channel Y	200	4.96	100	2.08
Channel Z	200	8.67	2.37	

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13.41

13.00

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AD-Converter Values with inputs shorted DASY measurement parameters: Auto Zero Time: 3 sec

	High Range (LSB)	Low Range (LSB)
Channel X	16090	15445
Channel Y	16165	16597
Channel Z	16319	16701

Input Offset Measurement
 DASY measurement parameters: Auto Zero Tirne: 3 sec; Measuring time: 3 sec; Input 10MΩ

	Average (μV)	min. Offset (μV)	max. Offset (μV)	Std. Deviation (µV)
Channel X	-0.30	-1.90	1.08	0.48
Channel Y	-1.12	-2.27	0.05	0.45
Channel Z	-0.69	-1.94	0.93	0.43

# 6. Input Offset Current

put circuitry offset current on all channels: <25fA

7. Input Resistance (Typical values for information)

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

B. Low Battery Alarm Voltage (Typical values for in

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

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

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Glossary:

TSL NORMX,y,z ConvF DCP CF A, B, C, D Polarization

Itissue simulating liquid sensitivity in free space sensitivity in TSL / NORMx,y,z diode compression point creat factor (1/duty\_cycle) of the RF signal modulation dependent linearization parameters or rotation around probe axis. S rotation around an axis that is in the plane normal to probe axis (st measurement center), i.e., 3 = 0 is normal to probe axis information used in DASY system to align probe sensor X to the robot coordinate system

Polarization () Polarization 8

Connector Angle

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 Davices: Measurement Techniques", June 2013

b) IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from handhald and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2015

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

d) KDB 885664, "SAR Measurement Requirements for 100 MHz to 6 GHz", March 2010

Methods Applied and Interpretation of Parameters:

■ NORMx,y,z: Assessed for E-field polarization (# = 0 (f ≤ 900 MHz in TEM-cell; T > 1800 MHz: R22 waveguide).

NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMs,y,z does not affect the E<sup>2</sup>-field uncertainty inside TSL (see below Corw?).

uncertainty inside TSL (see below ConvF).  $NORM(N,y,z=NORMx,y,z^*)$  frequency response (see Frequency Response Chart). This linearization is implamented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF. DCPA,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.

PAR: s the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics, st., Dx,y.z.; VRx,y.z. A, B, C, D are numerical linearization parameters assessed based on the date of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode. Convir and Boundary Effect Parameters. Assessed in fall phantom using E-field (or Temperature Transfer Standard for f s 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 NORMs.y. 2\* Convir whereby the uncertainty corresponds to that given for Convir 5\* frequency dependent Convir 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 enterna.

Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis), No tolerance required.

Connector Anglic: The angle is assessed using the information gained by determining the NORMs (no uncertainty required).

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

Unc (k=2)	Sensor Z	Sensor Y	Sensor X	
± 10.1 %	0,61	0.39	0.45	Norm (uV//V/m) <sup>2</sup> / <sup>A</sup>
	96.4	0.39	0.45	Norm (µV/(V/m) <sup>2</sup> ) <sup>A</sup>

UID	Communication System Name		dB	q8/hA	C	dB	WR mV	Max dev.	Max Unct (k=2)
0	CW	X	0.00	0.00	1.00	0.00	150.5	±2.2%	±4.7%
		Y	0.00	0.00	1.00		143.0		
		Z	0.00	0.00	1.00		156.1		
10352-	Pulse Waveform (200Hz. 10%)	X	6.41	75.26	13.91	10.00	60.0	±2.6%	#9.6%
AAA	Total Transferred Control of the Control	Y	1.66	61.84	7.61		60.0		
9.00		Z	20.00	95.49	22.81		60.0		
10353-	Pulse Waveform (200Hz. 20%)	×	20.00	87.76	16.55	6.99	80.0	±2.1%	± 9.6 %
AAA.	1 464 178 188 188 188 188 188 188 188 188 188	Y	0.78	60.01	5.70		80.0	-	
		2	20.00	109.03	28.37		80.0		
10354-	Pulse Waveform (200Hz, 40%)	X	20.00	114.67	27.40	3.98	95.0	±20%	± 9.6.9
AAA.	Carrie Mariane and Marian and Marian	Y	0.39	60.00	4.96		95.0		and the second
7.7		2	20.00	151.84	46.68		95.0		100
10355-	Pulse Waveform (200Hz, 60%)	X	0.17	152.80	100.00	2.22	120.0	±2.2%	±9.69
AAA	1 mag the relatification of a state	Y	0.25	61.07	5.62		120.0	-	100
447		2	2.52	160.00	62.06		120.0		1
10387-	QPSK Waveform, 1 MHz	X	6.66	93.59	26.49	1,00	150.0	±2.9%	±9.6 %
AAA	in all training to the	Y	1.60	67.46	15.34		150.0		
	A CONTRACTOR OF THE PARTY OF TH	Z	2.22	71.55	18.47		150.0		
10388-	QPSK Waveform, 10 MHz	X	3.86	80.00	22.12	0.00	150.0	128%	± 9.6 %
AAA		Y	2.06	67.36	15.67		150.0	2.20	
	the second second second	Z	3.04	73.63	19.08		150.0		
10396-	64-QAM Waveform, 100 kHz	X	3.32	77.52	23.54	3.01	150.0	±2.5%	± 9.6 %
AAA	The same of the sa	Y	1.82	64.05	15.97		150.0	2000	
		2	2.79	71.10	20.57	-	150.0		
10399-	64-QAM Waveform, 40 MHz	X	3.98	70.45	18.12	0.00	150.0	± 2.8 %	±9.6 °
AAA		Y	3.42	66.88	15.76		150.0		1
		2	3.84	68.75	17.14		150,0		
10414-	WLAN CCDF, 64-QAM, 40MHz	X	4.99	67.25	16.87	0,00	150.0	:28%	±9,65
AAA		Y	4,68	65.67	15.59	1	150.0	100	1000
		Z	5.05	66.21	16.27		150.0	1	

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

The uncertainties of Norm X,Y,Z on not affect the E<sup>2</sup>-field uncertainty inside TSL (see Pages 5, 6 and 7).

Numerical linearization parameter, uncertainty not recurred.

Uncertainty is determined using the max, deviation from linear response equitying rectangular distribution and is expressed for the source of the lider value.

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EX3DV4- SN:7466

January 29, 2021

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

	C1 fF	C2 fF	α V~¹	ms.V-i	ms.V-1	T3 ms	T4 V-2	T5	T.6
X	32.4	242.77	36.31	3,66	0.00	5.01	1.37	0.00	1.01
Y	30.4	225.35	35.05	3.07	0.00	4.90	0.00	0.11	1.00
7	47.5	265.07	20 22	0.44	0.00	5.10	0.00	0.33	1.01

Sensor Arrangement	Triangular
Connector Angle (°)	148,1
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

Note: Measurement distance from surface can be increased to 3-4 mm for an Area Scan job.

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January 29, 2021

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

Calibration Parameter Determined in Head Tissue Simulating Madia

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth (mm)	Unc (k=2)
600	42.7	0.88	10.92	10.92	10.92	0,06	1.20	± 13.3 %
750	41.9	0.89	10.27	10.27	10.27	0.45	1.00	± 12.0 %
835	41.5	0.90	10.11	10.11	10.11	0.45	0.91	± 12.0 %
900	41.5	0.97	9.83	9.83	9.83	0.39	0.97	± 12.0 %
1450	40.5	1.20	9.46	9.46	9.46	0.30	0.80	± 12.0 %
1750	40.1	1.37	9.07	9.07	9.07	0.32	0.80	± 12.0 %
1900	40.0	1.40	8.71	8.71	8.71	0.29	0.80	± 12.0 %
2000	40.0	1.40	8.60	8.60	8.60	0.32	0.85	± 12.0 %
2300	39.5	1.67	8.47	8.47	8.47	0.28	0.90	± 12.0 %
2450	39.2	1.80	8.08	8.08	8.08	0.27	0.90	± 12.0 %
2600	39.0	1.96	7.82	7.82	7.82	0.38	0.90	± 12.0 %
3300	38.2	2.71	7.34	7.34	7.34	0.30	1.30	± 13.1 %
3500	37.9	2.91	7.10	7.10	7.10	0.35	1.30	±13.1%
3700	37.7	3.12	6.98	6.98	6.98	0.35	1.30	± 13.1 %
3900	37.5	3.32	6.80	6.80	6.80	0.35	1,60	±13.1%
4100	37.2	3,53	6.70	6.70	6.70	0.35	1.60	± 13.1 %
4200	37.1	3.63	6.59	6.59	6.59	0.40	1.70	± 13.1 %
4400	36.9	3.84	6.32	6.32	6.32	8.40	1.70	± 13.1 %
4600	36.7	4.04	6.34	6.34	6.34	0.40	1.70	± 13.1 %
4800	36.4	4.25	6.30	6.30	6.30	0.40	1.70	± 13.1 %
4950	36,3	4.40	6.04	6.04	6.04	0.40	1.80	± 13.1 %
5200	36,0	4,66	5.60	5.60	5,60	0.40	1.80	± 13.1 %
5300	35,9	4,76	5.50	5.50	5.50	0.40	1.80	± 13.1 %
5600	35,5	5.07	5.04	5.04	5.04	0.40	1.80	± 13.1 %
5800	35.3	5.27	5.02	5.02	5.02	0.40	1.80	± 13.1 %

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

Calibration Parameter Determined in Body Tissue Simulating Media

(MHz) E	Relative Permittivity <sup>r</sup>	Conductivity (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>Q</sup>	Depth (mm)	Unc (k=2)
600	56.1	0.95	11,08	11.08	11.08	0.10	1.20	± 13.3 %
750	55.5	0.96	10.56	10.56	10.56	0.39	0.83	± 12.0 %
835	55.2	0.97	10.29	10.29	10.29	0.40	0.80	± 12.0 %
900	55.0	1.05	9.98	9.98	9.98	0.26	1.08	± 12.0 %
1750	53.4	1.49	8,69	8:69	8.69	0.31	0.85	± 12.0 %
1900	53.3	1.52	8.30	8.30	8.30	0.17	1.27	± 12.0 %
2000	53.3	1.52	8.26	8.26	8.26	0.29	0.92	± 12.0 %
2300	52.9	1.81	8.22	8.22	8.22	0.34	0.88	± 12.0 %
2450	52.7	1.95	7.99	7.99	7.99	0.33	0.95	± 12.0 %
2600	52.5	2.16	7.85	7.85	7.85	0.32	0.95	± 12.0 %
3300	51.6	3.08	6.67	6,67	6.67	0.40	1.35	± 13.1 %
3500	51.3	3.31	6.65	6.65	6.65	0.40	1.35	± 13.1 %
3700	51.0	3.55	6.60	6,60	6.60	0.40	1.30	± 13.1 %
3900	51.2	3.78	6.23	8.23	6.23	0.40	1.70	± 13.1 %
4100	50.5	4.01	6.09	6.09	6.09	0,40	1.70	± 13.1 %
4200	50.4	4.13	5.88	5.88	5.88	0.50	1.80	± 13.1 %
4400	50.1	4.37	5.77	5.77	5.77	0.50	1.80	± 13.1 %
4600	49.8	4.60	5.69	5.69	5.69	0.50	1.80	± 13.1 %
4800	49.6	4.83	5.62	5.62	5.62	0.50	1.80	± 13.1 %
4950	49.4	5.01	5.39	5.39	5.39	0.50	1.90	± 13.1 %
5200	49.0	5.30	5.00	5.00	5.00	0.50	1.90	± 13.1 %
5300	48.9	5.42	4.90	4.90	4.90	0.50	1.90	± 13.1 %
5600	48.5	5.77	4.30	4.30	4.30	0.50	1,90	± 13.1 %
5800	48.2	6.00	4.41	4.41	4.41	0.50	1.90	± 13.1 %

aidity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is instricted to ± 50 MHz. The title RSS of the Corn# concarainty at calebration frequency and the uncertainty for the indicated frequency band. Frequency validity is a 1-10, 24.9, 50 and 70 MHz for Corn# assessments at 30, 64-128, 104 and 220 MHz respectively validity of Corn# assessments at 30, 64-128, 104 and 220 MHz respectively validity of Corn# assessment at 81 MHz. Allowed 5 GHz frequency validity can be estered to 2 Hz manufactured to 5 Hz manufactu

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EX3DV4- SN 7466

January 29, 2021

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

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) c	Relative Permittivity <sup>F</sup>	Conductivity (S/m) F	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth (mm)	Unc (k=2)
6500	34.5	6.07	5.70	5,70	5.70	0.20	2.50	± 18,6 %
7000	33.9	6.65	5.85	5.85	5.85	0.20	2.00	± 18.6 %
8000	32.7	7.84	5.60	5,60	5.60	0.40	1.80	± 18.6 %
9000	31.5	9.08	5.45	5.45	5.45	0.50	1.80	± 18.6 %

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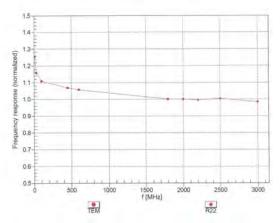


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#### Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)



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

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January 29, 2021 EX3DV4- SN:7466 Receiving Pattern (\$\phi\$), 9 = 0° f=1800 MHz.R22 f=600 MHz,TEM 1800 MHz 100 MH 800 MHz 2500 MHz Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

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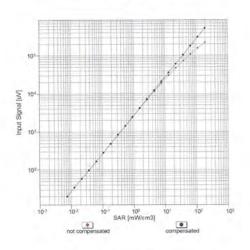


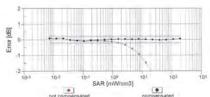
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# Dynamic Range f(SAR<sub>head</sub>) (TEM cell , feval= 1900 MHz)





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

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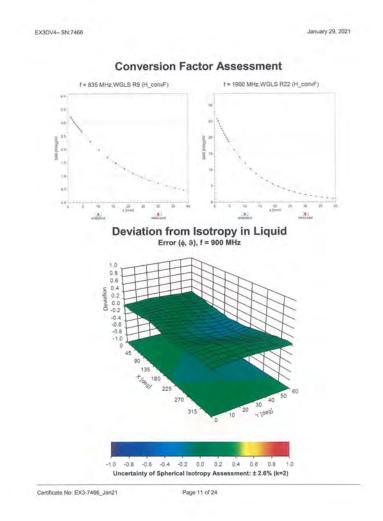
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#### Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR	Unc
		#	440	(dB)	(k=2)
)		CW	CW Test	10.00	±4.7 % ±9.6 %
10010	CAA	SAR Validation (Square, 100ms, 10ms) UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6 %
10011	CAB		WLAN	1.87	±9.6 %
10012	CAB	IEEE 802.11b WiF) 2.4 GHz (DSSS, 1 Mbps)	WLAN	9.46	± 9.6 %
10013	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps)	GSM	9.46	± 9.6 %
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM		
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)		9.57	± 9.6 %
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	± 9.6 %
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	± 9.6 %
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9,55	± 9.6 %
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4,80	±9.6%
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3,55	± 9.6 %
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6%
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluelooth	5.30	± 9.6 %
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Billetooth	1.87	± 9.6 %
10032	CAA	(EEE 802.15.1 Bluetooth (GFSK, DH5)	Bluelooth	1.16	± 9.6 %
10033	CAA	IEEE 802,15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluelooth	7.74	± 9.6 %
10034	CAA	(EEE 802.15.1 Bluetooth (Pl/4-DQPSK, DH3)	Bluetooth	4.53	± 9.6 %
10035	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH5)	Bluetooth	3.83	±9.6 %
10036	CAA	IEEE 802.15,1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6 %
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6 %
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6 %
10039	CAB	CDMA2000 (1xRTT; RC1)	CDMA2000	4.57	± 9.6 %
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6 %
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 %
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 %
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 %
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 9.6 %
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 %
10059	CAB	IEEE 802.11b WiFI 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10060	CAB	IEEE 802,11b WIFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 9.6 %
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6%
10062	CAD	IEEE 802 11ah WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
10063	CAD	IEEE 802,11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6%
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	+9.6%
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6 %
10067	CAD	IEEE 802 11a/h WIFI 5 GHz (OFDM: 36 Mbps)	WLAN	10.12	± 9.6 %
10068	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6 %
10069	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	± 9.6 %
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	± 9.6 %
10077		IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.69
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.94	±9.63
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	10.30	±9.65
10074		IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.77	± 9.6 %
10076	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.69
10076	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 46 Mbps)	WLAN	11.00	±9.6 9
10077	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.69
10081	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 9
	CAB	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	
10090	DAC				± 9.6 9
10097	CAC	UMTS-FOD (HSDPA)	WCDMA	3.98	± 9.6 9
10098	DAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 9

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0099	T CAC	EDGE-FDD (TDMA, BPSK, TN 0-4)	GSM	9.55	±9.6 %
00100	CAC	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6 %
0101	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz. 16-QAM)	LTE-FDD	6.42	±9.6 %
0102	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	5.60	±9.6 %
10103	DAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.6%
B104	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TOO	9.97	± 9.6 %
10105	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6%
10108	CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 %
0109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6%
0110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6 %
10114	CAG	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAG	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	19.6 %
10116	CAG	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAG	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8,07	± 9.6 %
10115	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps. 64-QAM)	WLAN	8.13	±9.6%
10140	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FOD	6.49	±9.69
10141	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FOD	6.53	±9.69
10142	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.69
10143	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6 %
10144	CAC	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.6 9
10145	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.63
10146	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 5
10147	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.65
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz. 16-QAM)	LTE-FDD	6.42	± 9.6 9
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz. 64-QAM)	LTE-FDD	6.60	±9.69
10151	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz. QPSK)	LTE-TDD	9.28	± 9.6 9
10152	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.69
10153	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 54-QAM)	LTE-TDD	10.05	±9.6 9
10154	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FD0	5.75	29.69
10155	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.69
10156	CAF	LTE-FOD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 9
10157	CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 3
10158	CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 °
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 °
10160	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9,65
10161	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 5
10162	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FOD	6.58	±9.61
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-F00	5.46	±9.61
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.65
10170	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 5
10171	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6
10172	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz. QPSK)	LTE-TOD	9.21	± 9.6
10173	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TOD	9.48	± 9.6.5
10174	CAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.65
10175	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz. QPSK)	LTE-FDD	5.72	± 9.61
10176	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6
10177	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.61
10178	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±9.61
10179	AAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6

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10181	1.00	LTE-FDD (SC-FDMA, 1 RB. 15 MHz, QPSK)	LTE-FDD	5.72	±9.6%
10181	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6 %
10183	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10183	CAG	LTE-FDD (SC-FDMA, 1 RB, 13 MHz, B4-QAM)	LTE-FDD	5.73	± 9.6 %
0185	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 18-QAM)	LTE-FDD	6.51	± 9.6 %
10185	CAI	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.50	± 9.6 %
10186	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, GP-GAM)	LTE-FDD	5.73	± 9.6 %
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.50	±9.6 %
10189	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6 %
14.86	CAE	IEEE 802.11n (HT Greenfield, 9.5 Mbps, 975K)	WLAN	8.12	± 9.6 %
10194	AAD	IEEE 802.11n (HT Greenfield, 55 Mbps, 64-QAM)	WLAN	8.21	19.6%
10195	CAE	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	19.6 %
10196	CAE	(EEE 802.11n (HT Mixed, 8.5 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
	AAE	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.27	± 9.6 %
10198	CAF	IEEE 802.11n (HT Mixed, 65 Mops, 64-QAM)	WLAN	8.03	± 9.6 %
10219	CAF		WLAN	8.13	
10220	AAF	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.13	± 9.6 %
10221	CAC	The state of the s	WLAN		
10222	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)		8.06	±9.6%
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8,48	±9.6%
10224	CAD	JEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6 %
10225	CAD	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TOO	9.49	±9.6 %
10227	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 %
10228	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6 %
10229	DAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz., 16-QAM)	LTE-TOD	9.48	±9.6 %
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz., 64-QAM)	LTE-TDD	10.25	±9.6%
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TOD	9.19	±9.65
10232	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	±9.6 %
10233	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10234	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9,6 %
10235	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz. 16-QAM)	LTE-TDD	9.48	19.6%
10236	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10237	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TOD	9.21	± 9.6 %
10238	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TOO	9.48	± 9.6 %
10239	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TOO	10.25	±9.67
10240	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TOD	9.21	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TOO	9.82	± 9.6 %
10242	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TOD	9,86	± 9.6 %
10243	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	± 9.6 %
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TOD	10.06	±9.65
10245	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TOD	10.06	± 9.6 %
10246	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TOD	9.30	± 9.6 %
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TOD	9.91	1.9.61
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TOD	10.09	±9.61
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.63
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 9
10251	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz; 64-QAM)	LTE-TDD	10.17	± 9.6.1
10252	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6.3
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz., 16-QAM)	LTE-TDD	9.90	±9.6 %
10254	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.63
10255	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 5
10258	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±9.63
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.63

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10260	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6 %
10261	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 18-QAM)	LTE-TDD	9.83	±9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TOD	10.16	± 9.6 %
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 9.6 %
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10266	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz., 64-QAM)	LTE-TOO	10.07	± 9.6 %
10267	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TOO	9.30	±9.6%
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TOO	10.06	± 9.6 %
10269	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6%
10270	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, OPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10275	CAD	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAD	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAD	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 %
10279	CAG	PHS (QPSK, BW 884MHz, Rolloff 0.3li)	PHS	12.18	± 9.6 %
10290	CAG	CDMA2000, RC1, SQ55, Full Rate	CDMA2000	3.91	±9.6%
10291	CAG	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6 %
10292	CAG	CDMA2000; RC3, SO32, Full Rate	CDMA2000	3.39	±9.6 %
10293	CAG	CDMA2000: RC3. SO3. Full Rate	CDMA2000	3.50	±9.6 %
10295	CAG	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	± 9.6 %
10297	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FOO	5.81	± 9.6 %
10298	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6 %
10299	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6%
10300	CAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	±9.6%
10301	CAC	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WiMAX:	12.03	±9.6%
10302	CAB	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WIMAX	12.57	±9.6 %
10303	CAB	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WMAX	12.52	±9.6%
10304	CAA	IEEE 802.16e WIMAX (29.18, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	11.86	±9.6%
10305	CAA	IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	15.24	± 9.6 %
10306	CAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WMAX	14.67	± 9.6 %
10307	AAB	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WIMAX	14.49	± 9.6 %
10308	AAB	1EEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WIMAX	14,46	± 9.6 %
10309	AAB	IEEE 802.16e WIMAX (29:18. 10ms, 10MHz. 16QAM,AMC 2x3)	WIMAX	14.58	± 9.6 %
10310	AAB	IEEE 802.18e WIMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3	WMAX	14.57	± 9.6 %
10311	AAB	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6 %
10313	AAD	(DEN 1/3)	IDEN	10.51	± 9.6 %
10314	AAD	IDEN 1:6	IDEN	13.48	±9.63
10315	AAD	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc do)	WLAN	1.71	±9.63
10316	AAD	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, Il6pc dc)	WLAN	8.36	±9.69
10317	AAA	IEEE 802.11a WIFI 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 9
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.69
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.69
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.69
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.69
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.69
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.63
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.63
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	± 9.63
10400	AAD	IEEE 802.11ac W/F) (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 5
10400	AAA	IEEE 802.11ac WIFI (40MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6 9
10401		IEEE 802.11ac WIFI (80MHz, 64-QAM, 98pc dc)	WLAN	8.53	± 9.6 9
10402	AAA	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6 9
10403	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 9
10404	AAB	CDMA2000 (NEV-DO, Rev. A)	CDMA2000	5.22	± 9.5 9

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10410	AAA.	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6%
0414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
0415	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN	1.54	± 9.6 %
0416	AAA	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
0417	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc do)	WLAN	8.23	± 9.6 %
0418	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	± 9.6 %
0419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbgs, 99pc, Short)	WLAN	8.19	± 9.6 %
10422	AAA	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
0423	AAA	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAE	IEEE 802 11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6 %
10425	AAE	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %
10426	AAE	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	± 9.6 %
10427	AAB	IEEE B02.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN.	8.41	29.6 %
10430	AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10431	AAC	LTE-FDD (OFDMA, 10 MHz, E-7M 3.1)	LTE-FDD	8.38	± 9.6 %
10432	AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6 %
10434	AAG	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6 %
10435	AAA	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TOD	7.82	± 9.6 %
10447	AAA	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6 %
10448	AAA	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FOD	7.53	±9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10450	AAA	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10453	AAC	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6 %
10456	AAC	IEEE 802.11ac WIFI (160MHz, 64-QAM, 99pc dc)	WLAN	8.63	± 9.6 %
10457	AAC	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6 %
10458	AAC	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	± 9.6 %
10459	AAC	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6%
10460	AAC	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6%
10461	AAC	LTE-TDD (SC-FDMA, 1 RB. 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6%
10462	AAC	LTE-TDD (SC-FDMA, 1 RB. 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	±9.6 %
10463	AAD	LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	±9.6%
10464	AAD	LTE-TDD (SC-FDMA, 1 RB. 3 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	±9.65
10468	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDO	8.57	± 9.6 %
10467	AAA	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.63
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	±9.63
10469	AAD	LTE-TDD (SC-FDMA, 1 RB; 5 MHz, 64-QAM, UL Sub)	LTE-TOD	8.56	±9.69
10470	AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TOD	7.82	±9.69
10471	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TOD	8.32	±9.69
10472	AAC	LTE-TDD (SC-FDMA 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TOD	8.57	± 9.6 %
10473	AAA	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TOD	7.82	± 9.6 9
10474	AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TOO	8.32	± 9.6 %
10475	AAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TOD	8.57	± 9.6.9
10477	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TOD	8.32	±9.6.9
10478	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TOO	8.57	#9.69
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.69
10480	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TOD	8.18	±9.69
10481	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TOO	8.45	± 9.6 %
10482	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TOD	7.71	± 9.6 %
10483	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	19.65
10484	AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TOD	8.47	± 9.6 %
10485	AAB	LTE-TDD (SC-FDMA, 50% R8, 5 MHz, GPSIC UL Sub)	LTE-TOD	7.59	± 9.6 5
10486	AAB	LTE-TOD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TOD	8.38	± 9.6 5
10487	AAC	LTE-TOD (SC-FDMA, 50% RB, 5 MHz, 16-GAM, UL Sub)	LTE-TOD	8.38	±9.65

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0488	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	±9.6%
0489	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	±9.6 %
0490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TOD	8.54	±9.6 %
0491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
0492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TOD	8.41	±9.6 %
0493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TOD	8.55	± 9.6 %
D494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
0495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
0496	AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TOD	8.54	± 9.6 %
0497	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TOD	7.67	±9.6%
0498	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TOD	8.40	±9,6%
0499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8,68	±9.6%
0500	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7,67	± 9.6 %
0501	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TOD	8,44	±9.6 %
0502	AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz. 64-QAM, UL Sub)	LTE-TOD	8.52	± 9.6 %
0503	AAR	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	±9.6 %
0504	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 18-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
0505	AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
0506	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TOD	7.74	± 9.6 %
0507	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.36	± 9.6 %
0508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
0509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
0510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	±9.6%
0511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	± 9.6 %
0512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6 %
0513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TOD	8.42	± 9.6 %
0514	AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	±9.6 %
0515	AAE	IEEE 802 11b WiFi 2 4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
0516	AAF	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
0517	AAF	(EEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	±9.6%
0518	AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	±9.6%
0519	AAF	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	±9.6%
0520	AAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	±9.6 %
10521	AAB	IEEE 802.11a/h WIFi 5 GHz (OFDM, 24 Mbps, 99pc do)	WLAN	7.97	±9.6%
10522	AAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6 %
10524	AAC	IEEE 802 11a/h WiFi 5 GHz (OFDM: 54 Mbps: 99pc do)	WLAN	8.27	± 9.6 %
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	±9.6 %
10526	AAF	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAF	IEEE 802.11ac WIFI (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10528	AAF	IEEE 802.11ac WiFI (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAF	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAF	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	±9.6%
10532	AAF	IEEE 802.11ac WiFI (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6.9
10533	AAE	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	B.38	± 9.6 %
10534	AAE	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 9
10535	AAE	IEEE 802 11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	±9.69
10536	AAF	IEEE 802 11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537	AAF	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	±9.69
10538	AAF	IEEE 802 11ac WIFI (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10540	AAA	IEEE 802 11ac WiFI (40MHz, MCS6, 99pc dc)	WLAN	8.39	±9.63
10541	AAA	IEEE 802.11ac W/FI (40MHz, MCS7, 99pc dc)	WLAN	B.46	±9.69
10542	AAA	IEEE 802.11ac WIFI (40MHz, MCS8, 99oc dc)	WLAN	8.65	±9.63
10543	AAC	IEEE 802.11ac WIFI (40MHz, MCS9, 99pc dc)	WLAN	8,65	± 9.63
10544	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 9
10545	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	±9.67

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0546	TAAG	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	±9.6 %
0547	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 99ec dc)	WLAN	8.49	± 9.6 %
0548	AAC	IEEE 802 11ac WIFI (80MHz, MCS4, 99pc dc)	WLAN	8.37	± 9.6 %
0550	AAC	IEEE 802.11ac WIFI (80MHz, MCS6, 99pc dc)	WLAN	8.38	± 9.6 %
0551	AAC	IEEE 802 11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.50	±9.5%
0552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	±9.6 %
0553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	±9.6 %
0554	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	±9.6%
10555	AAC	IEEE 802,11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	±9.6 %
10556	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	±9.6 %
10557	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	±9.6%
10558		IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	±9.6 %
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561		IEEE 802.11ac WiFi (160MHz, MCS7, 99oc dc)	WLAN	8.56	± 9.6 %
10562	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
10584	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	±9.6 %
	AAC	IEEE 802.11g WH 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN		
10565 10566	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mops, Mpc dc)	WLAN	8.45	± 9.6 %
	AAC	TEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 98pc dc)	WLAN	8.00	
10567	AAC	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 9spc dc)	WLAN	8.00	± 9.6 %
10568	AAC		WLAN	8.10	±9.6 %
10569	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN		± 9.6 %
10570	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-QFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10571	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)		1.99	± 9.6 %
10573	AAC	IEEE 802.11b WiFl 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	±96%
10575	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	19.6%
10577	AAC	(EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	±9,6 %
10578	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	±9.6 %
10579	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8,36	±9.6 %
10580	AAD	(EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	±9.6 %
10581	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc do)	WLAN	8,35	±9.6%
10582	AAD	IEEE B02.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	±9.6%
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8,59	± 9.6 %
10564	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6.%
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	±9.6%
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	±9.6 %
10587	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps. 90pc dc)	WLAN	8.36	±9.6 %
10588	AAA	IEEE 802.11a/h WiFi 5 GHz (DFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10589	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8,35	± 9.6 %
10590	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps; 90pc dc)	WLAN	8.67	± 9.6 %
10591	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10592	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10593	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
10594	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 5
10595	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8,74	± 9.6 %
10596	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc do)	WLAN	8,71	19.6%
10597	.AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8,72	±9.6%
10598	AAA	(EEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8,50	±9.6%
10599	AAA	IEEE 802.11n (HT Mixed, 40MHz, MC\$0, 90pc dc)	WLAN	8.79	±9.65
10600	AAA	IEEE 802,11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10601	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	±9.6%
10602	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAA	IEEE 802,11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	±9.69

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10604	AAA	IEEE B02,11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	±9.6%
10605	AAA	IEEE B02.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	±9.6%
0606	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
0607	1000	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
0002	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
0809	AAC	IEEE 802.11ac WiFi (20MHz, MCSZ, 90pc dc)	WLAN	8.57	₹ 9.6 %
10610	AAC	IEEE 802 11ac WiFi (20MHz. MCS3, 90pc dc)	WLAN	8.78	±9.6 %
10611	AAC	IEEE 802 11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	±9.6%
10612	AAC	IEEE 802.11ac WIFI (20MHz, MCS5, 90pc dc)	WLAN	8.77	±9.6%
10613	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	±9.6 %
10614	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	±9.6%
10615	AAC	IEEE 802.11ac WiFI (20MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6 %
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	B.81	± 9.6 %
10618	AAC	(EEE 802 11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	±9.6%
10619	AAC	IEEE 802 11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 %
10620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6 %
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10624	AAC	IEEE 802,11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 %
10625	AAC	IEEE 802 11ac WiFI (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6 %
10626	AAC	(EEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10627	AAC	(EEE B02.11ac WiF) (80MHz, MCS1, 90pc dc)	WLAN	8.88	±9.6 %
10628	AAC	(EEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	±9.6 %
10629	AAC	(EEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)	WLAN	8.85	±9.6%
10630	AAC	IEEE 802 11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	±9.6 %
10631	AAC	IEEE 802.11ac WIFI (80MHz, MCS5, 90pc dc)	WLAN	8.81	+9.6%
10632	AAC	IEEE 802 11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	±9.6%
10633	AAC	IEEE 802.11ac WIFI (80MHz, MCS7, 90pc dc)	WLAN	8.83	+9.6%
10634	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	±9.6%
10635	AAC	IEEE 802.11ac WIFI (80MHz, MCS9, 90pc dc)	WLAN	8.81	±9.6%
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAC	IEEE 802 11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	±9.6%
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	±9.6%
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAC	IEEE 802.11ac WiFI (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAC	(EEE 802.11ac WiFl (160MHz, MCS8, 90pc dc)	WLAN	9.05	±9.65
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	19.65
10646	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	1965
10647	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	19.69
10648	AAC	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.69
10652	AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9,69
10653	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.69
10654	AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.63
10655	AAC	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7.21	±9.65
10658	AAC	Pulse Waveform (200Hz. 10%)	Test	10.00	± 9.6 5
10659	AAC	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.65
10660	AAC	Pulse Waveform (200Hz, 40%)	Test	3,98	± 9.6 %
10661	AAC	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 9
10662	AAC	Pulse Wavelorm (200Hz, 80%)	Test	0.97	± 9.6 9
10670	AAC	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 9
10671	AAD	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.5 °

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IEEE 802.11ax (20Mez, MCSS, 90pc dc)			
19974   AAD   IEEE 802.11ax (20Mez, MCSS, 80pc dc)	WLAN	8.57	±9.6%
IDERTS   AAD   IEEE 802.11ax (20MHz, MCSS, 90pc dc)	WLAN	8.78	±9.6 %
IDEPS	WLAN	8.74	± 9.6 %
IDERT   AAD   IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.90	± 9.6 %
IEEE 802.11ax (20MHz, MCS57, 99pc dc)	WLAN	8.77	±9.6 %
IEEE BOX.11ax (20MHz, MCSB, 99pc dd)	WLAN	8.73	± 9.6 %
INC.   AAD   IEEE 802.11ax (20MHz, MCSS, 99pc dc)	WLAN	8.78	± 9.6 %
MAG	WLAN	8.89	±9.6 %
10982	WLAN	8.80	±9.6 %
1988   AAA   IEEE 802.11ax   (20MHz, MCS0, 1990c dc)	WLAN	8.62	±9.6 %
1998	WLAN	8.83	±9.6%
1988b   AAC   IEEE 802.11ax (20MHz, MCS2, 189pc dc)	WLAN	8.42	± 9.6 %
1988   AAC   IEEE 802.11ax (20Metz, MCSS, 99pc dc)	WLAN.	8.26	±9.6 %
19867   AAE   IEEE 6902.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.33	±9.6 %
1968	WLAN	8.28	± 9.6 %
1968	WLAN	8.45	± 9.6 %
19689	WLAN	8.29	± 9.6 %
1969   AAE   IEEE 602.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.55	± 9.6 %
106987	WLAN	8.29	± 9.6 %
19992   AAA   IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.25	± 9.6 %
19983   AAA   IEEE 802.11ax (20MHz, MCS10, 99pc ed)	WLAN	8.29	±9.6 %
1989	WLAN	8.25	± 9.6 %
1998   AAA   IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.57	± 9.6 %
19898   AAA   IEEE 802.11ax (40MHz, MCS1, 99px dc)	WLAN	8.78	± 9.6 %
TOBBY   AAA   IEEE B02.11ax (40NHz, MCS2, 99pc dc)	WLAN	8.91	± 9.6 %
10888	WLAN	8.61	± 9.6 %
TIBERS   AAA   IEEE 802.11ax (40MHz. MCS4, 90pc dc)	WLAN	8.89	±96%
10700 AAA IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10702 AAA IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10702 AAA IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10703 AAA IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10703 AAA IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10704 AAA IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10705 AAA IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10706 AC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10707 AAC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10708 AAC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10710 AC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10710 AC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10711 AAC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10714 AAC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10715 AC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10714 AC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10714 AC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10715 AC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10716 AC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10717 AC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10718 AC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10719 AC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10710 AC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10711 AC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10712 AC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10712 AC IEEE 802.11ax (40MHz, MCSS, 99pc dc) 10712 AC IEEE 802.11ax (60MHz, MCSS, 99pc dc) 10721 AC IEEE 802.11ax (60MHz, MCSS, 99pc dc)	WLAN	8.82	±9.6%
10701	WLAN	8.73	±9.6%
19792 AAA IEEE 802.11ax (40MHz, MCSS, 99pc dc) 19794 AAA IEEE 802.11ax (40MHz, MCSS, 80pc dc) 19794 AAA IEEE 802.11ax (40MHz, MCSS, 80pc dc) 19795 AAA IEEE 802.11ax (40MHz, MCSS, 80pc dc) 19796 AAC IEEE 802.11ax (40MHz, MCSS, 80pc dc) 19797 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19797 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19798 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19799 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19790 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19791 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19794 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19794 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19795 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19796 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19797 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19798 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19799 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19799 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19791 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19791 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19791 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19792 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19792 AAC IEEE 802.11ax (40MHz, MCSS, 90pc dc) 19792 AAC IEEE 802.11ax (60MHz, MCSS, 90pc dc)	WLAN	8.86	± 9.6 %
10703	WLAN	8.70	±9.6%
10776 AAA IEEE 802.11mx (40MHz, MCSS, 99pc dc) 10706 AAA IEEE 802.11mx (40MHz, MCSS), 90pc dc) 10706 AAC IEEE 802.11mx (40MHz, MCSS), 90pc dc) 10707 AAC IEEE 802.11mx (40MHz, MCSS), 99pc dc) 10707 AAC IEEE 802.11mx (40MHz, MCSS), 99pc dc) 10708 AAC IEEE 802.11mx (40MHz, MCSS, 99pc dc) 10709 AAC IEEE 802.11mx (40MHz, MCSS, 99pc dc) 10711 AAC IEEE 802.11mx (40MHz, MCSS, 99pc dc) 10711 AAC IEEE 802.11mx (40MHz, MCSS, 99pc dc) 10712 AAC IEEE 802.11mx (40MHz, MCSS, 99pc dc) 10713 AAC IEEE 802.11mx (40MHz, MCSS, 99pc dc) 10714 AAC IEEE 802.11mx (40MHz, MCSS, 99pc dc) 10715 AAC IEEE 802.11mx (40MHz, MCSS, 99pc dc) 10716 AAC IEEE 802.11mx (40MHz, MCSS, 99pc dc) 10717 AAC IEEE 802.11mx (40MHz, MCSS, 99pc dc) 10718 AAC IEEE 802.11mx (40MHz, MCSS, 99pc dc) 10719 AAC IEEE 802.11mx (40MHz, MCSS, 99pc dc) 10719 AAC IEEE 802.11mx (40MHz, MCSS, 99pc dc) 10720 AAC IEEE 802.11mx (40MHz, MCSS, 99pc dc) 10721 AAC IEEE 802.11mx (40MHz, MCSS, 99pc dc) 10722 AAC IEEE 802.11mx (60MHz, MCSS, 99pc dc) 10723 AAC IEEE 802.11mx (60MHz, MCSS, 99pc dc)	WLAN	8.82	± 9.6 %
10706 AAA IEEE 802.11ax (40MHz, MC517, 690c dc) 10707 AAC IEEE 802.11ax (40MHz, MC511, 690c dc) 10707 AAC IEEE 802.11ax (40MHz, MC51, 690c dc) 10708 AAC IEEE 802.11ax (40MHz, MC51, 690c dc) 10709 AAC IEEE 802.11ax (40MHz, MC51, 690c dc) 10710 AAC IEEE 802.11ax (40MHz, MC52, 690c dc) 10711 AAC IEEE 802.11ax (40MHz, MC53, 690c dc) 10712 AAC IEEE 802.11ax (40MHz, MC58, 690c dc) 10713 AAC IEEE 802.11ax (40MHz, MC58, 690c dc) 10714 AAC IEEE 802.11ax (40MHz, MC58, 690c dc) 10715 AAC IEEE 802.11ax (40MHz, MC58, 690c dc) 10716 AAC IEEE 802.11ax (40MHz, MC58, 690c dc) 10717 AAC IEEE 802.11ax (40MHz, MC58, 690c dc) 10718 AAC IEEE 802.11ax (40MHz, MC58, 690c dc) 10719 AAC IEEE 802.11ax (40MHz, MC58, 690c dc) 10719 AAC IEEE 802.11ax (40MHz, MC58, 690c dc) 10720 AAC IEEE 802.11ax (40MHz, MC58, 690c dc) 10721 AAC IEEE 802.11ax (40MHz, MC58, 690c dc) 10722 AAC IEEE 802.11ax (60MHz, MC58, 690c dc) 10723 AAC IEEE 802.11ax (60MHz, MC58, 690c dc)	WLAN	8.56	±9.6 %
10706 AAC LIEEE 802.11ax (400M+z, MCS11, 90pc dc) AAC LIEEE 802.11ax (400M+z, MCS1, 90pc dc) AAC LIEEE 802.11ax (400M+z, MCS1, 90pc dc) 10709 AAC LIEEE 802.11ax (400M+z, MCS1, 90pc dc) 10709 AAC LIEEE 802.11ax (400M+z, MCS2, 90pc dc) 10711 AAC LIEEE 802.11ax (400M+z, MCS2, 90pc dc) 10711 AAC LIEEE 802.11ax (400M+z, MCS3, 90pc dc) 10712 AAC LIEEE 802.11ax (400M+z, MCS3, 90pc dc) 10713 AAC LIEEE 802.11ax (400M+z, MCS3, 90pc dc) 10714 AAC LIEEE 802.11ax (400M+z, MCS3, 90pc dc) 10715 AAC LIEEE 802.11ax (400M+z, MCS3, 90pc dc) 10716 AAC LIEEE 802.11ax (400M+z, MCS3, 90pc dc) 10717 AC LIEEE 802.11ax (400M+z, MCS3, 90pc dc) 10718 AAC LIEEE 802.11ax (400M+z, MCS3, 90pc dc) 10719 AAC LIEEE 802.11ax (400M+z, MCS3, 90pc dc) 10720 AAC LIEEE 802.11ax (800M+z, MCS3, 90pc dc) 10721 AAC LIEEE 802.11ax (800M+z, MCS3, 90pc dc) 10722 AAC LIEEE 802.11ax (800M+z, MCS3, 90pc dc) 10723 AAC LIEEE 802.11ax (800M+z, MCS3, 90pc dc)	WLAN	8.69	±9.6 %
107076	WLAN	8.66	±9.6%
19708   AAC   IEEE 802 11sx (40MHz, MCS1 99pc dc)	WLAN	8.32	± 9.6 %
19799   AAC   IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.55	± 9.6 %
10710   AC   IEEE 802 11ax (40MHz, MCS3, 99pc dc)	WLAN	8.33	± 9.6 %
AAC   IEEE 802.11ax (40MHz, MCS4, 98pu dc)	WLAN	8.29	± 9.6 %
10712   AAC   IEEE 802.11ax (40M+z, MCSS, 98pc.dc)	WLAN	8.39	± 9.6 %
10713   AAC   IEEE 802.11ax (40MHz, MCS8, 98pc dc)   10714   AAC   IEEE 802.11ax (40MHz, MCS7, 98pc dc)   10715   AAC   IEEE 802.11ax (40MHz, MCS7, 98pc dc)   10716   AAC   IEEE 802.11ax (40MHz, MCS8, 98pc dc)   10716   AAC   IEEE 802.11ax (40MHz, MCS8, 98pc dc)   10717   AAC   IEEE 802.11ax (40MHz, MCS10, 98pc dc)   10719   AAC   IEEE 802.11ax (80MHz, MCS10, 98pc dc)   10719   AAC   IEEE 802.11ax (80MHz, MCS0, 90pc dc)   10720   AAC   IEEE 802.11ax (80MHz, MCS0, 90pc dc)   10721   AAC   IEEE 802.11ax (80MHz, MCS0, 90pc dc)   10722   AAC   IEEE 802.11ax (80MHz, MCS0, 90pc dc)   10723   AAC   IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.67	±9.6 %
10714	WLAN	8.33	± 9.6 %
10715 AAC IEEE 802.11ax (40MHz, MCSI, 99pc dc) 10716 AAC IEEE 802.11ax (40MHz, MCSI, 99pc dc) 10717 AAC IEEE 802.11ax (40MHz, MCSI, 99pc dc) 10718 AAC IEEE 802.11ax (40MHz, MCSI, 99pc dc) 10719 AAC IEEE 802.11ax (40MHz, MCSI, 90pc dc) 10720 AAC IEEE 802.11ax (60MHz, MCSI, 90pc dc) 10721 AAC IEEE 802.11ax (60MHz, MCSI, 90pc dc) 10722 AAC IEEE 802.11ax (60MHz, MCSI, 90pc dc) 10723 AAC IEEE 802.11ax (60MHz, MCSI, 90pc dc) 10724 AAC IEEE 802.11ax (60MHz, MCSI, 90pc dc)	WLAN	8.26	± 9.6.9
10716 AAC IEEE 802.11ax (40MHz, MCSA, 99pc dc) 10717 AAC IEEE 802.11ax (40MHz, MCS10, 99pc dc) 10718 AAC IEEE 802.11ax (40MHz, MCS10, 99pc dc) 10719 AAC IEEE 802.11ax (50MHz, MCS10, 90pc dc) 10720 AAC IEEE 802.11ax (50MHz, MCS0, 90pc dc) 10721 AAC IEEE 802.11ax (50MHz, MCS0, 90pc dc) 10722 AAC IEEE 802.11ax (50MHz, MCS3, 90pc dc) 10723 AAC IEEE 802.11ax (50MHz, MCS3, 90pc dc) 10723 AAC IEEE 802.11ax (50MHz, MCS3, 90pc dc)	WLAN	8.45	±9.6.9
19977 AAC IEEE 802.11ax (40MHz, MCS10, 99ec dc) 19718 AAC IEEE 802.11ax (40MHz, MCS11, 89ec dc) 19719 AAC IEEE 802.11ax (40MHz, MCS1, 89ec dc) 19719 AAC IEEE 802.11ax (80MHz, MCS1, 90ec dc) 19720 AAC IEEE 802.11ax (80MHz, MCS1, 90ec dc) 19721 AAC IEEE 802.11ax (80MHz, MCS3, 90ec dc) 19722 AAC IEEE 802.11ax (80MHz, MCS3, 90ec dc) 19723 AAC IEEE 802.11ax (80MHz, MCS3, 90ec dc) 19723 AAC IEEE 802.11ax (80MHz, MCS3, 90ec dc)	WLAN	8.30	±9.6 %
10718 AAC IEEE 802.11ax (40MHz, MCS1, 19go do) 10719 AAC IEEE 802.11ax (80MHz, MCS0, 99g dc) 10720 AAC IEEE 802.11ax (80MHz, MCS1, 99g dc) 10721 AAC IEEE 802.11ax (80MHz, MCS3, 99g dc) 10722 AAC IEEE 802.11ax (80MHz, MCS3, 99g dc) 10723 AAC IEEE 802.11ax (80MHz, MCS3, 99g dc)	WLAN	8.48	±9.6 %
10719 AAC IEEE 802.11ax (80MHz, MCS0, 90pc dc) 10720 AAC IEEE 802.11ax (80MHz, MCS1, 90pc dc) 10721 AAC IEEE 802.11ax (80MHz, MCS1, 90pc dc) 10722 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) 10723 AAC IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.24	±9.65
10720 AAC IEEE 802.11ax (80MHz, MCS1, 90pc dc) 10721 AAC IEEE 802.11ax (80MHz, MCS2, 90pc dc) 10722 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) 10723 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.81	± 9.6 %
10721 AAC IEEE 902.11ax (80MHz, MCS2, 90pc dc) 10722 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) 10723 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.87	±9.63
10722 AAC IEEE 802.11ax (80MHz, MCS3, 90pc dc) 10723 AAC IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.76	19.65
10723 AAC IEEE 802.11ax (80MHz, MCS4, 90pc do)	WLAN	8.55	19.63
	WLAN	8.70	± 9.6
10724 AAC IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	19.6
Total Total	WLAN		_
10725 AAC IEEE 802.11ax (80MHz, MCS6, 90pc dc) 10726 AAC IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.74	±9.65
10726 AAC IEEE 802.11ax (80MHz, MCS7, 90pc dc) 10727 AAC IEEE 802.11ax (80MHz, MCS8, flopc dc)	WLAN	8.66	±9.65

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0728		IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %
0729	AAC	IEEE 802.11ax (80MHz. MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
0730		IEEE 802 11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
0731	AAC	IEEE 802 11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
0732		IEEE 802.11ax (80MHz, MCS1, 99pc do)	WLAN	8.46	± 9.6 %
0733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	±9.6 %
0734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	±9.6 %
0735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %
0736	AAC	IEEE 802.11ax (80MHz, MCSS, 99pc dc)	WLAN	8.27	± 9.6 %
0737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	±9.6 %
0738	AAC	IEEE 802.11ax (80MHz, MCS7, 99oc dc)	WLAN	8.42	±9.6%
0739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc do)	WLAN	8.29	± 9.6 %
0740	AAC	(EEF 802 11ax (80MHz, MCS9, 99oc dc)	WLAN	8.48	±9.6%
0741	AAC	(EEE 802 11ax (80MHz, MCS10, 99cc dc)	WLAN	8.40	± 9.6 %
0742	AAC	IEEE 802 11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAC	IEEE 802.11ax (160MHz, MCS2; 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	MC	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAC	IEEE 802.11ax (160MHz, MC\$6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAC	(EEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAC	(EEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAC	(EEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	±9.6 %
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAC	(EEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	±9.6 %
10755	AAC	IEEE 802 11ax (160MHz, MCS0, 99pc dq)	WLAN	8.64	±9.6%
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	±9.6%
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	±9.6%
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	±9.6%
10760	AAC	IEEE 802.11ax (160MHz, MC55, 99pc dc)	WLAN	8.49	±9.6%
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAC	(EEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAC	IEEE 802 11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	±9.6%
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 %
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6%
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAC	5G NR (CP-OFDM: 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9,69
10774	AAC	5G NR (CP-OFDM: 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6%
10775	AAC	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6%
10776	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.69
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8,30	± 9.6 5
10778	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.65
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 9
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.38	±9.69
10781	AAC	5G NR (CP-OFDM: 50% RB: 40 MHz. QPSK: 15 KHz)	5G NR FR1 TDD	8.38	± 9.6 9
10782	AAC	5G NR (CP-OFDM: 50% RB: 50 MHz, QPSK: 15 KHz)	5G NR FR1 TDD	8.43	±9.69
10783	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.31	±9.69

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10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, OPSK, 15 kHz)	I 5G NR FR1 TDD	8.29	± 9.6 %
0785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6%
0786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.44	±9.6 %
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6%
0789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6%
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6%
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±9.6 %
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	7.95	±9.6 %
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAG	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAC	5G NR (CP-QFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	8,34	± 9.6 %
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9,6%
10812	AAD	5G NR (CP-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9,6%
10817	AAD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8,35	±9.6%
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9,6%
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8,33	±9.6%
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9,6%
10821	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.41	±9.6%
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.41	± 9.6 %
10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.69
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.69
10836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	7.66	±9.69
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7,6B	±9.69
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7,70	±9.67
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7,67	±9,69
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9,63
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 9
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6 9
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 9
10854	AAD	5G NR (CP-OFDM: 100% RB: 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 9
10655	AAD	5G NR (CP-OFDM: 100% RB: 15 MHz, QPSK: 60 kHz)	5G NR FR1 TOD	8.36	± 9.6 °
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.37	± 9.6 °
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.35	± 9.6 °
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6°
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDO	8.34	± 9.6

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0880	LAAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
0861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
0863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 NHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6%
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5,75	± 9.6 %
10872	AAD	5G NR (DFT-s-DFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6%
10873	AAD	5G NR (DFT-s-DFDM, 1 RB, 100 MHz, 84QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6%
10874	AAD	5G NR (DFT-s-DFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6%
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 KHz)	5G NR FR2 TDD	8.39	±9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16GAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6%
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6%
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 KHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6%
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	±9.6%
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	196%
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	196%
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6%
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TOD	8.02	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	6G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFOM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.65
10897	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6%
10898	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6 %
10899	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.65
10901	AAD	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.69
10902	AAD	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.69
10903	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6.9
10904	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.69
10905	AAD	5G NR (DFT-s-OFDM: 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 9
10906	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6.9
10907	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6.9
10908	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6.3
10909	AAD	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6.3
10910	AAD	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6.%
10911	AAD	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAD	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9,6 %
10914	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.63
10915	AAD	5G NR (DFT-s-DFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 9
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 °
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.5
10918	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6
10919	AAD	6G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6
10920	AAD	6G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.69
10921	AAD	6G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.65

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10922	AAD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	6G NR FR1 TOD	5.82	±9.6% ±9.6%
10923	AAD	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TOD		30,000,00
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.84	±9.6%
10925	AAD	5G NR (DFT-6-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)			± 9.6 %
10926	AAD	5G NR (DFT-6-QFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAD	5G NR (DFT-s-DFDM, 1 RB, 20 MHz, QPSK, 15 kHz)		5.51	± 9.6 %
10932	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5,51	± 9.6 %
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5,90	± 9.6 %
10937	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6 %
10938	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5,90	±9.6 %
10939	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9,6 %
10940	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6%
10941	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6 %
10942	AAB	5G NR (DFT-s-OFDM: 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6 %
10943	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6%
10944	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6 %
10945	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAB	5G NR (DFT-s-QFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6%
10948	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6 %
10949	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6 %
10950	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8,25	± 9.6 %
10953	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
10954	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	±9.65
10955	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	±9.6 %
10956	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8 14	1969
10957	AAC	5G NR DL (CP-QFDM, TM 3,1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8,61	±9.69
10959	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TOD	9.40	± 9.6 %
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.69
10964	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 KHz)	5G NR FR1 TDD	9.37	±9.69
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 9
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz. 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.69
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 KHz)	5G NR FR1 TOD	9.49	± 9.6.9
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	6G NR FR1 TDD	11.59	± 9.6.9
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 KH3)	5G NR FR1 TDD	9.06	± 9.6.9
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.61

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





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Accreditation No.: SCS 0108 Accredited by the Swiss Accreditation Service (SAS)

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SGS-TW (Auden)

Certificate No: EUmmWV4-9548\_Apr21

# CALIBRATION CERTIFICATE

Object

EUmmWV4 - SN:9548

Calibration procedure(s)

QA CAL-02.v9, QA CAL-25.v7, QA CAL-42.v2

Calibration procedure for E-field probes optimized for close near field

evaluations in air

Calibration date:

April 1, 2021

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (S1). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the consticate

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID.	Cal Date (Certificate No.)	Scheduled Calibration
Power moter NRP	SN: 104778	01-Apr-20 (No. 217-03100/03101)	Apr-21
Power sensor NRP-Z91	SN: 103244	01-Apr-20 (No. 217-03100)	Apr-21
Power sensor NRP-Z91	SN: 103245	01-Apr-20 (No. 217-03101)	Apr-21
Reference 20 dB Attenuator	SN: CC2552 (20x)	31-Mar-20 (No. 217-03106)	Apr-21
Reference Probe ER3DV6	SN: 2328	05-Oct-20 (No. ER3-2328 Oct20)	Oct-21
DAE4	SN: 789	23-Dec-20 (No. DAE4-789_Dec20)	Dec-21
Secondary Standards	(D	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	05-Apr-16 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-20)	In house check: Jun-22
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Dct-21

Name Function Signature Calibrated by Lelf Klysner Laboratory Techniquen Katja Pokovic Technical Manager Issued: April 6, 2021 This calibration comficate shall not be reproduced except in full without written approval of the laboratory

Certificate No: EUmmWV4-9548 Apr21

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Multilateral Agreement for the recognition of calibration certificates

Glossary:

NORMx,y,z sensitivity in free space DCP diode compression point

CF crest factor (1/duty\_cycle) of the RF signal A, B, C, D modulation dependent linearization parameters

Polarization @ o rotation around probe axis

Polarization 9 I rotation around an axis that is in the plane normal to probe axis (at measurement center).

i.e., 3 = 0 is normal to probe axis

Connector Angle information used in DASY system to align probe sensor X to the robot coordinate system. Sensor Angles sensor deviation from the probe axis, used to calculate the field orientation and polarization is the wave propagation direction

Calibration is Performed According to the Following Standards:

IEEE Std 1309-2005, "IEEE Standard for calibration of electromagnetic field sensors and probes, excluding antennas, from 9 kHz to 40 GHz. December 2005.

## Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization 8 = 0 for XY sensors and 8 = 90 for Z sensor (f ≤ 900 MHa in TEM-cell; ( > 1800 MHz: R22 waveguide). For frequencies > 6 GHz, the far field in front of waveguide horn antennes is measured for a set of frequencies in various waveguide bands up to 110 GHz.
- 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
- The frequency sensor model parameters are determined prior to calibration based on a frequency sweep. (sensor model involving resistors R,  $R_{\mu}$ , inductance L and capacitors C,  $C_{\mu}$ ).
- 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.
- Sensor Offset: The sensor offset corresponds to the mechanical from the probe tip (on probe exis). No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).
- Equivalent Sensor Angle. The two probe sensors are mounted in the same plane at different angles. The angles are assessed using the information gained by determining the NORMx (no uncertainty required).
- Spherical isotropy (3D deviation from isotropy): In a locally homogeneous field realized using an open waveguide / horn setup.

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EUmmWV4 - SN: 9548

April 1, 2021

# DASY - Parameters of Probe: EUmmWV4 - SN:9548

**Basic Calibration Parameters** 

	Sensor X	Sensor Y	Unc (k=2)
Norm $(\mu V/(V/m)^2)$	0.01838	0.02082	±10.1%
DCP (mV) <sup>B</sup>	105.0	105.0	
Equivalent Sensor Angle	60.9	34.2	

Calibration results for Frequency Response (750 MHz - 110 GHz)

Frequency GHz	Target E-Field V/m	Deviation Sensor X dB	Deviation Sensor Y dB	Unc (k=2) dB
0.75	77.2	-0.03	-0.28	± 0.43 dB
1.8	140,4	0.08	0.05	± 0.43 dB
2	133.0	0.01	0.04	± 0.43 dB
2.2	124.8	0.03	0.07	± 0.43 dB
2.5	123.0	-0.04	0.03	± 0.43 dB
3.5	256,2	0.16	0.29	± 0.43 dB
3.7	249.8	0.16	0.29	± 0.43 dB
6.6	41.8	-0.15	-0.27	± 0.98 dB
8	48.4	-0.54	-0.55	± 0.98 dB
10	54.4	-0.57	-0.30	± 0.98 dB
15	71.5	-0.33	-0.53	± 0.98 dB
18	85.3	-0.75	-0.1B	± 0.98 dB
26.6	96.9	-0.68	-0.27	± 0.98 dB
30	92.6	-0.20	-0.19	± 0.98 dB
35	93.7	-0.31	-0.02	± 0.98 dB
40	91.5	-0.01	0.09	± 0.98 dB
50	19.6	0.10	-0.01	± 0.98 dB
55	22.4	0.47	0.35	± 0.98 dB
60	23.0	-0.10	-0.06	± 0.98 dB
65	27.4	-0.26	-0.11	± 0.98 dB
70	23.9	-0.21	-0.25	± 0.98 dB
75	20.0	-0.16	-0.12	± 0.98 dB
75	14.8	-0.23	-0.38	± 0.98 dB
80	22.5	-0.02	0.18	± 0.98 dB
85	22.8	-0.32	-0.22	± 0.98 dB
90	23.8	-0.11	-0.04	± 0.98 dB
92	23.9	-0.38	-0.33	± 0.98 dB
95	20.5	-0.29	-0.32	± 0.98 dB
97	24.4	-0.05	-0.15	± 0.98 dB
100	22.6	-0.19	-0.08	± 0.98 dB
105	22.7	0.08	0.12	± 0.98 dB
110	19.7	0.12	0.08	± 0.98 dB

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

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Numerical linearization parameter, uncertainty not required.

<sup>\*</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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EUmmWV4 - SN: 9548

April 1, 2021

# DASY - Parameters of Probe: EUmmWV4 - SN:9548

Calibration Results for Modulation Response

UID	Communication System Name		A dB	dB√μV	C	D dB	WR mV	Max dev.	Max Unc∈ (k=2)
O.	CW	X	0.00	0,00	1.00	0.00	112.2	± 3.8 %	±4.7%
		Y	0.00	0.00	1.00		96.3	-	
10352-	Pulse Wayeform (200Hz. 10%)	X	2.46	60.00	14.88	10.00	6.0	±1.2%	± 9.6 %
AAA		Y	2.07	60.00	15.52		6.0		244
10353-	Pulse Waveform (200Hz, 20%)	X	1.70	60.00	13.76	6.99	12.0	± 0.9 %	± 9.6 %
AAA		Y	1.43	60.00	14.47	1	12.0		1000
10354-	Pulse Waveform (200Hz, 40%)	X	1.02	60.00	12.54	3.98	23.0	±1.4%	±9.6 %
AAA		Y	0.86	60,00	13.29	1000	23.0		23.00 %
10355-	Pulse Waveform (200Hz, 60%)	X	0.61	60.00	11.89	2.22	27.0	± 0.9 %	±9.6 %
AAA	7.30.0.334,00 - 3.00 110 - 3.00 3.	Y	0.53	60.00	12.60	0.43	27.0		
10387-	QPSK Waveform, 1 MHz	X	1.19	60.00	12.29	1.00	22.0	±1.3%	± 9.6 %
AAA		Y	1.14	60.00	12.41	400	22.0	34.36300	10000
10388-	QPSK Waveform, 10 MHz	X	1.26	60.00	12.09	0.00	22.0	±0.7%	±96%
AAA		Y	1.24	60.00	12.27	X	22.0		2700
10396-	64-QAM Waveform, 100 kHz	X	2.65	62.79	14.84	3.01	17.0	± 0.7 %	±9.6 %
AAA.		Y	3.17	64.96	15.80	3039	17.0	-20	-310 (4
10399-	64-QAM Waveform, 40 MHz	X	2.06	60.00	12.54	0.00	19.0	±0.7%	±9.6 %
AAA	The second secon	Y	2:01	60.00	12.70		19.0		3 - 3 / 1
10414-	WLAN CCDF, 64-QAM, 40MHz	X	3.17	60.00	12.95	00.00	12.0	±10%	±9.6 %
AAA		Y	3.08	60.00	13.10		12.0		2000

Note: For details on all calibrated UID parameters see Appendix

Calibration Results for Linearity Passones

Frequency GHz	Target E-Field V/m	Deviation Sensor X dB	Deviation Sensor Y dB	Unc (k=2) dB
0.9	50,0	0.13	0.14	± 0.2 dB
0.9	100.0	0.03	B0.0-	± 0.2 dB
0.9	500,0	0.01	0.01	± 0.2 dB
0.9	1000.0	0.02	0.03	± 0.2 dB
0.9	1500.0	0.02	0.02	± 0.2 dB
0,9	2000.0	-0.01	0.00	± 0.2 dB

Sensor Frequency Model Parameters (750 MHz - 78 GHz)

	Sensor X	Sensor Y	
R (Ω)	80.70	80.91	
$R_{\sigma}(\Omega)$	89,38	89.32	
L (nH)	0.11566	0.09547	
C(pF)	0.2286	0.3462	
C <sub>p</sub> (pF)	0.0810	0.0939	

Sensor Frequency Model Parameters (55 GHz - 110 GHz)

	Sensor X	Sensor Y	
R (Ω)	34.21	38.27	
$R_p(\Omega)$	95.25	93.81	
L (nH)	0.03415	0.02609	
C (pF)	0.1976	0.4256	
C <sub>p</sub> (pF)	0.1259	0.1381	

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# DASY - Parameters of Probe: EUmmWV4 - SN:9548

# 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*2	T5 V-1	T6
X	53.0	382.54	33.43	0.92	6.13	5.00	0.00	1.63	1.0
Y	50.0	360.99	33.48	0.92	5.47	5.02	0.00	1.75	1.01

#### Other Probe Parameters

Sensor Arrangement	Rectangular	
Connector Angle (*)	-113.2	
Mechanical Surface Detection Mode	enabled	
Optical Surface Detection Mode	disabled	
Probe Overall Length	320 mm	
Probe Body Diameter	8 mm	
Tip Length	23 mm	
Tip Diameter	8.0 mm	
Probe Tip to Sensor X Calibration Point	1.5 mm	
Probe Tip to Sensor Y Calibration Point	1.5 mm	

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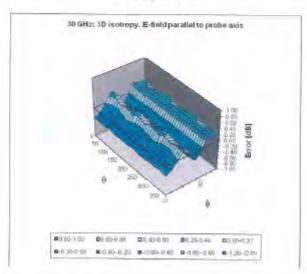
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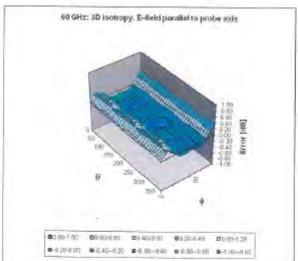
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# Deviation from Isotropy in Air f = 30, 60 GHz





Probe isotropy for  $E_{tot}$  probe rotated  $\phi = 0^{\circ}$  to 360\*, tilted from field propagation direction  $\overline{k}$ Parallel to the field propagation ( $\psi$  =0° - 90°) at 30 GHz; deviation within ± 0.37 dB Parallel to the field propagation (yr =0° - 90°) at 60 GHz: deviation within ± 0.40 dB

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# Appendix: Modulation Calibration Parameters

UID Rev		Communication System Name	Group	PAR (dB)	Unc* (k=2)
10010		CW	CW	0.00	±4.7 %
	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	±9.63
10011	CAB	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.69
10012	CAB	IEEE B02.11b WIFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±.9.69
10013	CAB	IEEE 802 11g WIFI 2.4 GHz (DSSS-QFDM, 6 Mbps)	WLAN	9.46	±9,63
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	± 9.6 %
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.69
10024	DAC	GPRS-FDD (TDMA, GMSK, TN ()-1).	GSM	6.56	± 9.6 9
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12,62	± 9.6 %
10026	DAG	EDGE-FOD (TDMA, 8PSK, TN 0-1)	GSM	9.55	± 9.6 %
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	± 9.6 %
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	± 9.6 %
10029	DAC	EDGE-FOD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	± 9.6 %
10030	CAA	IEEE 802.15.1 Bluelooth (GFSK, DH1)	Bluetooth	5.30	± 9.6 %
10031	CAA	IEEE 802.15.1 Bluetodin (GFSK, DH3)	Bluetooto	1.87	± 9.6 %
10032	CAA	IEEE 802.15.1 Bluetoptin (GFSK, DH5)	Bluetooth	1.16	± 9.6 %
10033	CAA	IEEE 802.15.1 Bluetodth (PI/4-DQPSK, DH1)	Bluetooth	7.74	± 9.8 %
10034	CAA	IEEE 802.15.1 Bluelodth (Pl/4-DQPSK, DH3)	Bluefooth	4.53	± 9.6 %
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	± 9.6 %
10036	CAA	(EEE 802.15.1 Bluefooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6%
10037	CAA	IEEE 802.15.1 Biretooth (B-DPSK, DH3)	Shelooth	4.77	± 9.6 %
10038	CAA	(EEE 802.15.1 Biuetooth (8-DPSK, DH5)	Bluelpath	4.10	±9.6%
10039	CAB	CDMA2000 (1xR11, RC1)	CDMA2000	4.57	±9.69
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6 %
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 %
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 %
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot. 12)	DECT	10.79	± 9.6 %
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mops)	TD-SCDMA	11.01	± 9.6 %
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 %
10059	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10060	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6 %
10061	CAB	IEEE 802,11b WIFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	± 9.6 %
10062	GAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
10063	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
10064	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
10066	CAD	IEEE 802 11a/h WiFi 5 GHz (OFDM, 24 Mops)	WLAN	9.38	19.6 %
10067	CAD	IEEE 802 11a/h WiFi 5 GHz (OFDM, 36 Mipps)	WLAN	10.12	± 9.6 %
10068	CAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.12	± 9.6 %
10069	CAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	± 9.6 %
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	Committee of the Commit
10072	CAB	IEEE 802.11g WiFl 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 %
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/0FDM, 18 Mbps)	WLAN	9.94	
10074	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN		± 9.6 %
10075	CAB	IEEE 802.11g WiFI 2.4 GHz (DSSS/QFDM, 36 Mbps)	WLAN	10.30	± 9.6 %
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.77	± 9,6 %
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WEAN	10.94	± 9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)		11.00	± 9.6 %
10082	CAB	IS-54 / IS-136 FDD (TDMWFDM: PI/4-DQPSK: Fulkate)	CDMA2000	3.97	± 9.6 %
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	AMPS	4.77	±9.6%
0097	CAG	UMTS-FDD (HSDPA)	GSM	6.56	±9.6%
10098	-	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %
SHOO	DAG	PWI O F DD (HOUPA, Subtest 2)	MCDWV	3.98	±9.6 %

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10099	CAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6%
10100	CAC	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6 %
10101	CAB	LTE-FOO (SC-FOMA, 100% RB, 20 MHz, 18-QAM)	LTE-FDD	6.42	± 9.6 %
10102	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6 %
10103	DAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, OPSK)	LTE-TDD	9.29	±9.6 %
10104	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6 %
10105	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6 %
10108	CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDO	5.80	±9.6 %
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDO	6.43	±9.6%
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FD0	5.75	±9.6%
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6%
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAG	IEEE 802 11n (HT Greenfield, 13.5 Mbps, SPSK)	WLAN	8.10	± 9.6 %
10115	CAG	IEEE 802 11n (HT Gesenfield, 81 Mbps, 18-QAM)	WLAN	8.46	± 9.6 %
10116	CAG	IEEE 802.11n (HT Greenfield, 135 Mbps. 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAG	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8,07	19.6%
10118	CAD	IEEE 802 11n (HT Mixed, 81 Mbps, 18-QAM)	WLAN	8.59	± 9.6 %
10119	CÁD	IEEE 802 11h (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 %
10140	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10141	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	
10142	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FOO	5.73	± 9.6 %
10143	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	the second second second	
10144	CAC	LTE-FDD (SC-FDMA: 100% RB, 3 MHz, 64-QAM)	LTE-FD0	6.35	±9.6%
10145	GAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FD0	6,65	± 9.6 %
10146	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	5.76	± 9.5 %
10147	GAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6,41	±9.6%
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.72	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)		6,42	± 9.6 %
10151	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	6.60	±98%
10152	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.28	± 9.6 %
10153	1.00	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 84-QAM)	LTE-TDD	9.92	± 9.6 %
10154	CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, GPSK)	LTE-TDD	10,05	± 9,6 %
10155	CAF		LTE-FDD.	5.75	±9,6%
10156	_	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10157	CAF	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FOD	5.79	± 9.6 %
10158	CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10159	CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FOO	6.62	± 9.6 %
10160	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6 %
10161	CAG	LTE-FDD (SC-FDMA: 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6%
10162	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FOD	6.43	± 9.6 %
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	19.6%
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	= 9.6 %
	CAG	LTE-FDD (SC-FDMA, 50% RB, 1,4 MHz, 54-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAG	LTE-F00 (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10170	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz. 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 84-QAM)	LTE-FD0	6.49	± 9.6 %
10172	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDO	9.21	± 9.6 %
10173	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %.
10174	CAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 84-QAMI)	LTE-TOD	10.25	± 9.6 %
10175	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6%
10176	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6%
10177	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	±9.6%
10178	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±9.6 %
10179	AAE	LTE-FDD (SC-FDMA, 1 RB. 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6 %
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.6%

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10181	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10182	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	8.52	±9.6 %
10183	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.6 %
10184	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	1 ± 9.6 %
10185	CAL	LTE-FOD (SC-FOMA, 1 RB, 3 MHz, 16-QAM)	LTE-FD0	6.51	±9.6 %
10186	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6 %
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDO	5.73	±9.6 %
10168	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDO	6.52	±9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 84-QAM)	LTE-FDD	6.50	±9.6 %
10193	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6 %
10194	AAD	IEEE 802 11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6 %
10195	CAE	IEEE 802 11n (HT Greenfield, 85 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAE	IEEE 802,11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	AAE	IEEE 802.11n (HT Moosd, 39 Mbps, 18-QAM)	WLAN	8.13	± 9.6 %
10198	CAF	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAF	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
10220	AAF	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10221	CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10222	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	1 9.8 %
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6 %
10225	CAD	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TOO	9,49	± 9.6 %
10227	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TOD	10.26	± 9.6 %
10228	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TOD	9.22	± 9.6 %
10229	DAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TOD	9.48	±9.6 %
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10231	CAC	LTE-TDD (SG-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10232	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10233	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TOD	10.25	± 9.6 %
10234	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TOD	9.21	± 9.6 %
10235	CAD	LTE-TOD (SC-FDMA, 1 RB. 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6%
10236	CAD	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10237	CAD	LTE-TOD (SC-FOMA, 1 RB, 10 MHz, QPSK)	LTE-TOID	9.21	± 9.6 %
10238	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TOD	9.48	± 9.5 %
10239	CAH	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TOO	10.25	±96%
10240	CAB	LTE-TDD (SC-PDMA, 1 RB, 15 MHz, QPSK)	LTE-TOD	9.21	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.82	± 9.6 %
10242	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TOD	9.86	± 9.6 %
10243	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TOD	9.46	± 9.6 %
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10245	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TOD	10.06	± 9.6 %
10246	CAG	LTE-TDB (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	19.6%
10247	CAG	LTE-TOD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TOD	9.91	± 9.6 %
10248	CAG	LTE-TOD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDO	9.81	± 9.6 %
10251	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TOO	10.17	±9.6%
10252	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6 %
10254	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz. 64-QAM)	LTE-TDD	10.14	29.6%
10255	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	29.6%
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.96	296%
10257	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 84-QAM)	LTE-TOD	10.08	±9.6 %
10258	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±9.6 %
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 18-QAM)	LTE-TOD	9.98	± 9.6 %

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10260	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TD0	9.97	±9.6%
10261	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	±9.6 %
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TOO	9.83	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-Q/AM)	L7E-TDD	10.16	±9.6 %
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz. QPSK)	L7E-TDD	9.23	±9.6 %
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6 %
10266	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-GAM)	LTE-TDD	10.07	±9.6 %
10267	CAF	LTE-TDO (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10268	CAF	LTE-TD0 (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10269	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TOD	10.13	± 9.6 %
10270	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-FOD (HSUPA, Subject 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10275	CAD	UMTS-F0D (HSUPA, Subtest 5, 3GPP RelE4)	WCDMA	3.96	± 9.6 %
10277	CAD	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAD	PHS (OPSK, BW 884MHz, Rolloff ().5)	PHS	11.81	± 9.6 %
10279	CAG	PHS (QPSK, BW 884MHz, Rolloff () 38)	PHS	12.18	± 9.6 %
10290	CAG	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6%
10291	CAG	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3,46	±9.6 %
10292	CAG	GDMA2000, RC3, SO32, Full Rate	CDMA2000	3,39	± 9.6 %
10293	CAG	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3,50	±9.6%
10295	CAG	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	± 9.6 %
10297	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	£9.6%
10298	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10299	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FOD	6.39	± 9.6 %
10300	CAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FOD	6.60	± 9.6 %
10301	CAC	IEEE 802.166 WIMAX (29:18, 5ms. 10MHz, QPSK, PUSC)	WIMAX	12.03	±9.6%
10302	CAB	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3C1RL)	WMAX	12.57	±9.6%
10303	CAB	IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 84QAM, PUSC)	WMAX	12.52	±9.6 %
10304	CAA	IEEE 802 16e WIMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	11.86	± 9.6 %
10305	CAA	IEEE 802,16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WIMAX	15.24	± 9.6 %
10306	CAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WIMAX	14.67	±9.6%
10307	AAB	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WIMAX	14.49	±9.6%
10308	AAB	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WIMAX	14.46	± 9.6 %
10309	AAB	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3)	WIMAX	14.58	± 9.6 %
10310	AAB	IEEE 802 16e WIMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3	WIMAX	14.57	± 9.6 %
10311	AAB	LTE-FOD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6 %
10313	AAD	IDEN 13	IDEN	10.51	± 9.6 %
10314	AAD	IDEN 1:6	IDEN	13.48	± 9.6 %
10315	AAD	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mops, 96pc db)	WLAN	1.71	± 9.6 %
10316	AAD	IEEE 802,11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc de)	WLAN	8.36	± 9.6 %
10317	AAA	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	±9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic.	10.00	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6 %
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic.	3.98	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6%
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6 %
10387	AAA	QPSK Waveform, 1 MHz.	Generic	5.10	± 9.6 %
10388	AAA	QPSK Waveform, 10.MH≥	Generic	5.22	±9.6%
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6%
10399.	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6%
10400	AAD	IEEE 802.11ac WiFi (20MHz. 84-QAM, 99pc dc)	WLAN	8.37	± 9.6 %
10401	AAA	IEEE 802.11ac WIFI (40MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6 %
10402	AAA	IEEE 802.11ac WiFI (80MHz, 64-QAM, 99pc dc)	WLAN	8.53	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6 %
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	GDMA2000	3.77	± 9.6 %
10408	AAD	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %

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10410	AAA	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, GPSK, UL Sub=2,3,4,7.8,9)	LTE-TOD	7.82	29.6%
10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	2 9.6 %
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN	1.54	± 9.6 %
10418	MAA	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10417	AAA	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 99pc.dc)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM 6 Mops, 99pc, Long)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	8.19	± 9.6 %
10422	AAA	IEEE 802 11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10423	AAA	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAE	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10425	AAE	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %
10426	AAE	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8,45	± 9.6 9
10427	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	± 9.5 %
10430	AAB	LTE-FDD (OFDMA, 5 MHz, E-1M 3.1)	LTE-FDD	8.28	£9.8%
10431	AAC	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.65
10432	AAB.	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 9
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	B.34	± 9.6 %
10434	AAG	W-COMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6 9
10435	AAA	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7,82	± 9.6 %
10447	AAA	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6%
10448	AAA	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6%
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6%
10450	AAA	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6%
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6%
10453	AAC	Validation (Square, 10ms, 1ms)	Test	10.00	±9.6%
10456	AAC	IEEE 802.11ac WIFI (160MHz, 64-QAM, 99pc-dc)	WLAN	8.63	±9.6%
10457	AAC	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	± 9.6 %
10458	AAC	CDMA2000 (1xEV-DO, Rev. B. 2 carriers)	CDMA2000	6.55	±9.6 %
10459	AAC	CDMA2000 (1xEV-DO, Rev. B. 3 carriers)	COMA2000	8.25	± 9.6 %
10460	AAC	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6%
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TOD	7.82	± 9.6 %
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TOD	8.30	± 9.6 %
10463	CAA	LTE-TOD (SC-FDMA, 1 RB: 1.4 MHz, 84-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10464	AAD	LTE-TDD (SC-FDMA, 1 RB; 3 MHz, QPSK, UL Sub)	LTE-TOD	7.82	± 9.6 %
10485	AAC	LTE-TDD (SC-FDMA, 1 RB: 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10468	AAC	LTE-TDD (SC-FDMA, 1 RB. 3 MHz. 64-QAM, LIL Sub)	LTE-TOD	8.57	± 9.6 %
10467	AAA	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10458	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TOD	8.32	± 9.6 %
10469	AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TOD	8.56	±9.6 %
10470	AAD	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, QPSK, LI'L Sub)	LTE-TOD	7.82	± 9.6 %
10471	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	±9.6 %
10472	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-7DD	8.57	± 9.6 %
10473	AAA	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10474	AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8,32	± 9.6 %
10475	AAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10477	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10478	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	±9.6%
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10480	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	±9.6%
10481	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TOO	8.45	±9.6 %
10482	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TD0	7.71	±9.6 %
10483	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	±9.6 %
10484	AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Suti)	LTE-TDO	8.47	±96%
0485	AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TOD	7.59	± 9.6 %
10486	AAB	LTE-TOD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TOD	B.38	±9.6 %
10487	AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz; 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %

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10488	AAC	LTE-TDD (SC-PDMA, 50% RB, 10 MHz, QPSK, UL Sub)	T LTE-TOD	7.70	± 9.6 %
10489	AAC	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDO	8.31	±9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TOD	7.74	± 9.6 %
10492	MAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-CAM, UL Sub)	LTE-TOD	8.41	± 9.6 %
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	B.55	±9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6%
10495	MF	LTE-TOD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	±9.6%
10496	AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 84-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10497	MAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10498	AAE	LTE-TDD (SC-FDMA, 100% RB, 1,4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	±9.6%
10499	AAC	LTE-TOD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	±9.6%
10500	AAF	LTE TOD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10501	AAF	LTE-TOD (SC-FUMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
10502	AAB	LTE-TOD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	
10503	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TOD		± 9,6 %
10504	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TOD	7.72	± 9.6 %
10505	AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	4774 7044 70	8,31	± 9.6 %
10506	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TOO	8,54	± 9.6 %
10507	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TOD	7.74	± 9.6 %
10508	AAF	LTE-TOD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, DL Sub)	LTE-TOD	8.36	± 9.6 %
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TOD	8.55	±9.6 %
10510	-	LTE-TOD (SC-FDMA, 100% RB, 15 MHZ, QPSK, UL Sub)	LTE-TOD	7,99	± 9.6 %
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TOD	8.49	±9.6 %
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TOD	8.51	≥ 9.6 %
	AAF	LTE-TDD (5C-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TOD	7.74	= 9.6 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	± 9.6 %
10515	AVE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps. 99pc dc)	WLAN	1.58	± 9.6 %
10516	AAE	IEEE 802-11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
10517	AAF	IEEE 802 11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	±9.6 %
10518	AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8,23	±9.6 %
10519	AAF	IEEE 802,11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8,39	± 9.6 %
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8:12	± 9.6 %
10521	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6 %
10522	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	±96%
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	80.8	± 9.6 %
10524	AAC	IEEE 802,11a/h WiFi 5 GHz (OFDM, 54 Mbps. 99pc dc)	WLAN	8.27	±9.6 %
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6 %
10528	MAF	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	±9.6 %
10527	AAF	IEEE 802,11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10528	AAF	IEEE 802 11ac WIFI (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAF	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAF	IEEE 802 11ac WIFI (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAF	(EEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAE	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAE	IEEE 802 11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	
10535	AAE	IEEE 802.11ac WiFi (40MHz, MCS1, 89pc dc)	WLAN	8.45	±9.6 %
10536	AAF	IEEE 802,11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN		±9.6%
10537	AAF	IEEE 802.11sc WiFi (40MHz, MCS3, 99pc da)	WLAN	8,32	± 9.6 %
10538	AAF	IEEE 802,11sc WIFI (40MHz, MCS4, 99pc dc)	WLAN	8.44	±9.6 %
10540	AAA	IEEE 802 11sc WiFi (40MHz, MCS6, 99pc db)		8,54	±9.6%
10541	AAA	(EEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8,39	± 9.6 %
10542	AAA	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.46	± 9.6 %
10543	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8,65	± 9.6 %
10544	AAC:		WLAN	8.65	± 9.6 %
10545		IEEE 802 11ac WIFI (80MHz, MCS0, 99pc 0c)	WLAN	8,47	± 9.6 %
10040	AAC	IEEE 802 11ac WIFI (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %

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10546	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	19.6%
10547	AAC	IEEE 802,11ao WIFI (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10548	AAC	IEEE 802.11ac WIFI (80MHz, MCS4, 99pc dc)	WLAN	8.37	±9.6%
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN	8.38	± 9.6 %
10551	AAC	IEEE 802,11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.50	± 9.6 %
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	± 9.6 %
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc do)	WLAN	8.45	± 9.6 %
10554	AAC	IEEE 802,11ac WIFI (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10555	AAC	IEEE 802.11ac WIFI (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10558	AAC	IEEE 802.11ac WIFI (160MHz, MCS2, 99pc dc)	WLAN	8.50	± 9.6 %
10557	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 %
10558	AAC	IEEE 802,11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 %
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561	AAC	IEEE 802.11ac WIFI (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10562	AAC	IEEE 802.11ac WIFI (160MHz, MCS8, 99pc dc)	WLAN	8.69	19.6%
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
10564	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8,25	±9.6%
10565	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10566	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-DFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10567	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10568	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-DFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10569	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10570	AAC	IEEE 802 11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10571	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAC	IEEE 802.11b WiFi 2,4 GHz (DSSS, 2 Mbps. 90pc dc)	WLAN	1.99	± 9.6 %
10573	AAC	IEEE 802 11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAC	IEEE 802 11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAC	IEEE 802 11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	±9.6%
10577	AAC	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70.	±9.6%
1057B	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps. 90pc dc)	WLAN	8.36	± 9.6 %
10580	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAD	IEEE 802,11g WiFi 2,4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	±9.6 %
10582	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	±96%
10583	AAD	IEEE 802,11a/h WIFI 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	±9.6 %
10584	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	±9.6 %
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	296%
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	±96%
10587	AAA	IEEE 802.11a/n WIFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	±9.6%
10588	AAA	IEEE 902.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc).	WLAN	8.76	±9.6%
10589	AAA	IEEE 802.11a/h WiFl 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10590	AAA	IEEE 802.11a/n WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10591	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10592	AAA	IEEE 802.11n (HT Mixed 20MHz, MCS1, 90pc dc)	WLAN	8.79	±9.6 %
10593	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pg dc)	WLAN	8.64	= 9.6 %
10594	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10595	AAA	IEEE 802.11n (HT Mixed: 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %
10596	AAA	IEEE 302.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8,71	±9.6 %
10597	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10598	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS7; 90pc dc)	WLAN	8,50	± 9.6 %
10599	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	±9.6 %
10600	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc; dc)	WLAN	8.88	± 9.6 %
10601	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %

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10604	AAA	IEEE 802,11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	19.8%
10605	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pic dc)	WLAN	8.97	±9.6%
10606	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pr. dc)	WLAN	8.82	±9.6 %
10607	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	±9.6 %
10608	AAC	IEEE 802.11ac WIFI (20MHz, MCS1, 90pc dc)	WLAN	8,77	±9.6%
10609	AAC	IEEE 802 11ac WIFI (20MHz, MCS2, 90pc dc)	WLAN	8.57	±9.6%
10610	AAC	IEEE 802 11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6 %
10611	AAC	IREE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8,70	± 9.6 %
10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8,77	±9.6 %
10613	AVC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc 0c)	WLAN	8.94	± 9.6 %
10814	AAC	IEEE 802.11ab WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 9.6 %
10815	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc 0c)	WLAN	8.82	± 9.6 %
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10617	AAC:	IEEE 802.1 lac WIFI (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
10618	AAC	IEEE 802.11ac WiFI (40MHz, MCS2, 90pc db)	WLAN	8.58	± 9.6 %
10619	AAC	IEEE 802,11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 %
10620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	TWLAN	8.87	± 9.6 %
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10824	AAC	(EEE 802.11ac WIFI (40MHz, MCS8, 90pc do)	WLAN	8.96	196%
10625	AAC	(EEE 802.11ac WiFi (40MHz, MCS9, 90pcdc)	WLAN	8.96	196%
10626	AAC	(EEE 802.11ac WiFI (80MHz, MCS0, 90pc dc)	WLAN	8,83	and the second second
10627	AAC	IEEE 802.11ac WIFI (80MHz, MCS1, 90pc dc)	WLAN		= 9.6 %
10628	AAC	IEEE 802.11ac WIFI (80MHz, MCS2, 90pc dc)	WLAN	8,88	±9.6 %
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.71	± 9,6 %
10630	AAC	IEEE 802.11ac WIFI (80MHz, MCS4, 90pc dc)	WLAN	8.85	± 9.6 %
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90oc dc)	WLAN	8,72	± 9,6 %
10632	AAC	IEEE 802.11ac WiFi (80WHz, MCS6, 90pc dc)	WLAN	8,81	± 9.6 %
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc de)		8.74	±9.6 %
10634		IEEE 802.11ac WIFI (80MHz, MCS8, 90pc dc)	WLAN	8.83	± 9.6 %
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10636	AAC	(EEE 802.11ac WiFi (1(0MHz, MCS0, 90pc do)	WLAN	8.81	± 9.6 %
10637	AAC	The state of the s	WLAN	8.83	± 9.6 %
10638	AAC	IEEE 802.11ag WiFi (160MHz, MCS1, 90pc dc.)	WLAN	8.79	±9.6 %
10639	AAC	IEEE 802.11ac WIFI (160MHz, MCS2, 90pc dc)	WLAN	8.86	±9.6%
10640	AAC	IEEE 802,11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10641	AAC	IEEE 802 11ac WFI (160MHz, MC\$4, 90pc dc)	WLAN	8.98	± 9.6 %
	AAC	IEEE 802,11ac W/Fi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAC	IEEE 802.11ac WIFI (180MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
13000	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc.)	W.AN	8.89	± 9.6 %
10644	AAC	IEEE 802.11ac WiFi (180MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc.)	WLAN	9.11	± 9.6 %
10646	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sob=2.7)	LTE-TDD	11.96	± 9.6 %
10648	AAC	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6%
10652	AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1. Clipping 44%)	LTE-TOD	6.96	± 9.6 %
10656	AAC	LTE-TOD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAC	Puise Waueform (200Hz, 10%)	Test	10.00	± 9.6 %
10659	AAC	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10680	AAC	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAC	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAC	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.8 %
10670	AAC	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAD	IEEE 802,11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %

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10872	AAD	IEEE 802.11ax (20MHz, MCS1, 90pc de)	WLAN	B.57	± 9.6 %
10673	AAD	IEEE 802.11ax (20MHz. MCS2, 90pc dc)	WLAN	B.78	± 9.6 %
10674	AAD	IEEE 802,11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAD	IEEE 802.11ax (20MHz. MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAD	IEEE 802-11ax (20MHz. MCS5, 90pc dc)	WLAN	8.77	±9.6 %
10677	AAD	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	±9.6 %
10678	AAD	IEEE 802,11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAD	IEBE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAD	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AVG	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	±9.6%
10682	ME	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAA	IEEE 802.11ax (20MHz, MCS0, 99pc do)	WLAN	8.42	± 9.6 %
10684	AAC	IEEE 802,11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 %
10085	AAG	IEEE 602,1 lax (20MHz, MGSZ, 99pc rtc)	WLAN	B.33	± 9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	B.26	±96%
10687	AAE	IEEE 802:11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	±96%
10688	AAE	IEEE 802:11ax (20MHz, MCS5, 99pc dc)	WLAN	8,29	± 9.6 %
10689	AAD	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	B.55	±9.6 %
10690	AAE	IEEE 802,11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10691	AAB	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
10692	AAA	IEEE 802.11ax (20MHz. MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10693	AAA	IEEE 802.11ax (20MHz. MCS10, 99pc do)	WLAN	8.25	± 9.6 %
10694	AAA	IEEE 802.11ax (20MHz, MC511, 99pc do)	WLAN	8.57	± 9.6 %
10695	AAA	IEEE 802.11ax (40MHz. MCS0, 90pc dc)	WLAN	8.78	± 9.6 %
10696	AAA	IEEE 802.11ax (40MHz. MCS1, 90pc dc)	WLAN	8.91	±9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10898	AAA	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAA	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	= 9.6 %
10702	AAA	IEEE 802.11ax (40MHz, MC\$7, 90pc dc)	WLAN	8.70	196%
10703	AAA	(EEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	±9.6 %
10705	AAA	IEEE 802.11ax (40MHz, MCS10, 90oc dc)	WLAN	8.69	± 9.6 %
10706	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	±9.6 %
10707	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10710	AAC	(EEE 802.11ex (40MHz, MCS3, 99pc dc)	WLAN	8.29	±9.6 %
10711	AAC	IEEE 802.11ax (40MHz. MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10712	AAC	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 %
10713	AAC	IEEE 802.11ax (40MHz, MCS6, 99oc dc)	WLAN	8.33	± 9.6 %
10714	AAC	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	± 9.6 %
10715	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.6 %
10716	AAC	IEEE 802.11ax (40MHz, MCS9, 99pc de)	WLAN	8.30	± 9.6 %
10717	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	±9.6 %
10718	AAC	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	±96%
10719	AAC	IEEE 802.11ax (80MHz, MCS0, 90pc de)	WLAN	8.81	±9.6 %
10720	AAC	IEEE 802 11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	± 9.6 %
10721	AAC	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	± 9.6 %
10722	AAC	IEEE 802 11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	
10723	MAG	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.70	= 9.6 %
10724	AAC	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 %
10725	AAC	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN		11 11 11 11
10726	AAC	(EEE 802.11ax (80MHz, MCS7, 90pc.dc)	WLAN	8.74	±9.6 %
	1	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	AAPAIA	0.72	13557

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10728	AAC	IEEE 802.11ax (80MHz, MCS9, 90pc dd)	WLAN	8.65	1 # 9.6 %
10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAC	IEEE 802 11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	±9.6 %
10732	AAC.	IEEE 802.11as (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
10733	AAG	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
10734	AAC	IEEE 802 11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	±9.6 %
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10739	AAC	IEEE 802 11ax (80MHz, MCS8, 99pc de)	WLAN	8.29	± 9.6 %
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10741	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	±9.6%
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	≥ 9.6 %
10743	AAC	IEEE 802.11ax (180MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAC	IEEE 802.11ax (180MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
1074B	AAC	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAC	(EEE 802,11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc do)	WLAN	8.79	± 9.6 %
10751	AAC	(EEE 802.11ax (160MHz, MCS8. 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc.dc)	WLAN	8.81	± 9.6 %
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAC	IEEE 802.11ax (180MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc do)	WLAN	8.64	± 9.6 %
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAC	(EEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	19.6%
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc do)	WLAN	8.58	19.6 %
10760	AAC	(EEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	19.6 %
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAC	IEEE 502.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	196%
10763	AAC	IEEE 802.11ex (16DMHz, MCS8, 99pc.dc)	WLAN	8.53	±9.6 %
10784	AAC	IEEE 802 11ax (160MHz, MCS9, 99pc dc)	WLAN	200	
10785	AAC	IEEE 802.11ax (160MHz. MCS10. 99pc dc)	WLAN	8.54	1.9.6%
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.54 8.51	± 9.6 %
10787	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7,99	± 9.6 %
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	
10769	AAC	5G NR (CP-OFDM. 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6 %
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD		-
10771	AAC	5G NR (CP-QFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6 %
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.02	±9.8 %
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6 %
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)		8.03	± 9.6 %
10775	AAC	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.02	±9.6 %
10776	AAC	5G NR (CP-0FDM, 50% RB. 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6%
10777	AAC	SG NR (CP-QFDM, 50% RB, 15 MHz, QPSK, 15 kHz)		8.30	±9.6 %
10778	AAG	5G NR (CP-0FDM, 50% RB. 20 MHz. QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.5%
10779	AAC	5G NR (CP-OFDM, 50% RB. 25 MHz. QPSK, 15 kHz)		8.34	±9.6%
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.5%
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.5%
	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.38 8.43	±9.6 %
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1D784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, OPSK, 15 kHz)	5G NR FR1 TD0	8.29	1 ±9.6%
10786	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	B.35	± 9.6 %
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.44	± 9.6 %
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAC	5G NR (CP-OFDM, 1 RB. 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 RHz)	5G NR FR1 TDD	7.84	± 9.6 %
10798	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	# 9.6 %
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6%
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6%
10799	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6%
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±96%
10810	AAD	5G NR (CP-DFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK_ 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK_ 30 kHz)	5G NR FR+ TDD	8.30	± 9.6 %
10821	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAD	5G NR (CP-OFDM; 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±98%
10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±96%
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6%
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	8.41	±9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.40	± 9.6 %
10830	CIAA	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6 %
10831	AAD	5G NR (CP-OFDM: 1 RB, 15 MHz, QPSK: 60 kHz)	5G NR FR1 TOD	7.73	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6 %
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	50 NR FR1 TDD	7.75	± 9.6 %
	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6 %
10836 10837	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10839	AAD	5G NR (CP-DFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10841	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSIC, 60 kHz)	5G NR FR1 TDD	7,67	±.9.6 %
10843	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6 %
10844	AAD	50 NR (CP-OFDM, 60% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	±9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	50 NR FR1 TOD	8.34	≥ 9.6 %
10854	AAD	5G NR (CP-OFDM, 50% RB, 3D MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	≥ 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 50 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 50 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10857	AAD	5G NR (CP-0FDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10858	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, OPSK, 60 kHz)	5G NR FR 1 TOO	8.35	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10,000	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8:34	± 9.6 %

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10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10861	AAD	5G NR (CP-QFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	19.6%
10864	MAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	B.37	±9.6%
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz).	5G NR FR1 TDD	B.41	# 9.6 W
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 MHz)	5G NR FR1 T00	5.89	±9.5%
10869	AAD	5G NR (DFT-s-OFDM, 1 RB. 100 MHz, QPSK, 120 kHz)	5G NR FR2 TOD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TOD	5.75	±9.6%
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TOD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB. 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TOD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10075	AALI	50 NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	50 NR FR2 TDD	7.78	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 160 AM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	1 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	6G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-DFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	19.6%
10885	AAD	5G NR (DFT-s-OFDM, † RB, 50 MHz, 84QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10686	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10687	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	±9.6%
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10890	AAD	5G NR (CP-OFDM: 100% RB, 50 MHz: 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	£ 9.6.%
10891	AAD	5G NR (CP-OFDM 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6 %
10897	AAD	5G NR (DFT-s-QFDM, 1 RB, 5 MHz, QPSK, 3D kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10699	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6 %
10900	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAD	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAD	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6 %
10903	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSH, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10804	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6%
10905	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±96%
10907	AAD	5G NR (DPT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±96%
10908	AAD	5G NR (DFT-5-OFDM, 50% RB, 10 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6 %
10909	AAD	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±96%
10910	AAD	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	5.83	± 9.6 %
10911	AAD	5G NR (DFT-6-DFDM, 50% RB, 25 MHz, QP5K, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAD	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	= 9.6 %
10913	AAD	5G NR (DFT-6-DFDM, 50% RB. 40 MHz, QPSIC, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAD	5G NR (DFT-2-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDQ	5.85	19.6%
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6 %
10916	AAD	6G NR (DFT-s-OFDM: 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAD	5G NR (DFT-s-QFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6%
10918	AAD	5G NR (DFT-5-OFDM, 100% RB, 5 MHz, QPSH, 30 kHz)	5G NR FR1 TDD	5.86	±9.6%
10919	AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6%
10920	AAD	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.8%
10921	AAD	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6 %

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10922	AAD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5,82	± 9.6 %
10923	AAD	5G NR (DFT-8-DFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.84	± 9.6 %
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz).	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	19.6%
10927	AAD	5G NR (DFT-s-QFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	196%
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAD	5G NR (DFT & OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6%
10931	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5,51	# 9.6 %
10932	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6%
10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FOD	5.51	± 9.6 %
10935	AAA	55 NR (DFT-s-QFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.5 %
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, OPSK, 15 kHz)	50 NR FR1 FDD	5.90	± 9.6 %
10837	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.77	± 9.6 %
10938	AAB	5G NR (DFT & OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	£9.6%
10940	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAB	5G NR (DFT s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPS-K, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPS-K, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6 %
10946	AAC	5G NR (DFT-s-QFDM, 100% RB, 15 MHz, QP:SK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6%
10947	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAB.	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AVB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6 %
10951	AAB	5G NR (DFT-s-OFDM, 100%, RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64 QAM, 15 kHz)	5G NR FR1 FD0	8.25	±9.6 %
10953	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 KHz)	5G NR FR1 FD0	8.15	±9.6%
10954	AAB	5G NR DL (CP-OFOM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FD0	8.23	±9.6 %
10955	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FD0	8.42	± 9.6 %
10956	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAC	5G NR DL (CP-OFDM, TM 3,1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAB	5G NR DL (CP-OFDM, TM 3.1. 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10961)	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6.%
10961	AAB .	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 KHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAB :	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10364	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-DAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.5%
10968	AAB	5G NR DL (CP-OFDM, TM 3:1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %
10972	AAB	5G NR (CP-OFDM: 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	± 9.5 %
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	19.5%
10974	AAB	5G NR (CP-DFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	#9.6%

Eurocrainity is determined using the max, deviation from linear response applying rectangular distribution and is expressed for the square of live

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## - End of report -

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