



SAR TEST REPORT

For

RTX Hong Kong Limited

8/F Corporation Square,8 Lam Lok Street, Kowloon Bay,Hong Kong

FCC ID: T7HCT8930

Report Type: Amended Report		Product Type: DECT Wireless Headset			
Report Number:	70E-SAAA1				
Report Date:	2021-07-30		Γ		
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Attestation of Test Results						
	EUT Description	DECT Wireless Headset				
	Tested Model	RTX8930				
EUT Information	Multiple Models	A190, WAIR-Headset, VCV2840, UH-RHS1+CH, DECT Headset IP				
	FCC ID	Т7НСТ8930				
	Serial Number	SZ1210623-24970E-SA-S_B1T				
	Test Date	2021/07/29				
MOI	DE	Max. SAR Level(s) Reported(W/kg)	Limit (W/kg)			
DECT	1g Head SAR	0.04 1.6				
	FCC 47 CFR part 2.1093 Radiofrequency radiation exposure evaluation: portable devices IEEE1528:2013 IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques					
Applicable Standards	IEC 62209-1:2016 Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices – Part 1: Devices used next to the ear (Frequency range of 300 MHz to 6 GHz					
	KDB 648474 D04 Ha KDB 865664 D01 SA	neral RF Exposure Guidance v06. ndset SAR v01r03. R measurement 100 MHz to 6 GHz v01r04 Exposure Reporting v01r02				
Note: This wireless device has been shown to be capable of compliance for localized specific absorption rate (SAR) for General Population/Uncontrolled Exposure limits specified in FCC 47 CFR part 2.1093 and has been tested in accordance with the measurement procedures specified in IEEE 1528-2013 and RF exposure KDB procedures.						
The results and statem	ents contained in this	report pertain only to the device(s) evaluated.				

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DOCUMENT REVISION HISTORY

Revision Number	Report Number Description of Revision		Date of Revision
0	RSZ160728005-20A	Original Report	2016-11-19
1	SZ1210623-24970E-SAAA1	Amended Report	2021-07-30

This is an Amended Report, the detailed as below:

- (1) Adding the model name "A190, WAIR-Headset, VCV2840, UH-RHS1+CH, DECT Headset IP".
- (2) Adding the trade name "SNOM, Wildix, VOCOVO, UNITED HEADSETS, AGFEO".
- (3) Changing the two adapters.
- (4) Adding the Capacitors and resistors.
- (5) Moving the position in PCB to filtering the TDD noise
- (6) Changing RF matching circuit. They have equivalent RF performance.
- (7) Updating PCB layout with above components changes.

Based on above differences, The SAR will be retested.

EUT DESCRIPTION

This report has been prepared on behalf of **RTX Hong Kong Limited** *and their product* **DECT Wireless Headset**, *Model:* **RTX8930**, FCC ID: **T7HCT8930** *or the EUT (Equipment under Test) as referred to in the rest of this report.*

Notes: This series products model: **RTX8930** (SZ1210623-24970E-SA-S_B1T) and A190, WAIR-Headset, VCV2840, UH-RHS1+CH, DECT Headset IP are identical schematics Model **RTX8930** (SZ1210623-24970E-SA-S_B1T) was selected for fully testing, the detailed information can be referred to the attached declaration which was stated and guaranteed by the manufacturer.

*All measurement and test data in this report was gathered from production sample serial number: SZ1210623-24970E-SA-S_B1T (Assigned by BACL, Shenzhen). The EUT supplied by the applicant was received on 2021/06/25

Technical Specification

Product Type	Portable
Exposure Category:	Population / Uncontrolled
Antenna Type(s):	Internal Antenna
Body-Worn Accessories:	None
Modulation: GFSK	
Frequency Band:	DECT: 1921.536-1928.448 MHz;
Conducted RF Power:	Peak power : 16.76dBm
Power Source:	Rechargeable Battery
Normal Operation:	Head

REFERENCE, STANDARDS, AND GUIDELINES

FCC:

The Report and Order requires routine SAR evaluation prior to equipment authorization of portable transmitter devices, including portable telephones. For consumer products, the applicable limit is 1.6 mW/g as recommended by the ANSI/IEEE standard C95.1-1992 [6] for an uncontrolled environment (Paragraph 65). According to the Supplement C of OET Bulletin 65 "Evaluating Compliance with FCC Guide-lines for Human Exposure to Radio frequency Electromagnetic Fields", released on Jun 29, 2001 by the FCC, the device should be evaluated at maximum output power (radiated from the antenna) under "worst-case" conditions for normal or intended use, incorporating normal antenna operating positions, device peak performance frequencies and positions for maximum RF energy coupling.

This report describes the methodology and results of experiments performed on wireless data terminal. The objective was to determine if there is RF radiation and if radiation is found, what is the extent of radiation with respect to safety limits. SAR (Specific Absorption Rate) is the measure of RF exposure determined by the amount of RF energy absorbed by human body (or its parts) – to determine how the RF energy couples to the body or head which is a primary health concern for body worn devices. The limit below which the exposure to RF is considered safe by regulatory bodies in North America is 1.6 mW/g average over 1 gram of tissue mass.

CE:

The order requires routine SAR evaluation prior to equipment authorization of portable transmitter devices, including portable telephones. For consumer products, the applicable limit is 2 mW/g as recommended by EN62209-1 for an uncontrolled environment. According to the Standard, the device should be evaluated at maximum output power (radiated from the antenna) under "worst-case" conditions for normal or intended use, incorporating normal antenna operating positions, device peak performance frequencies and positions for maximum RF energy coupling.

This report describes the methodology and results of experiments performed on wireless data terminal. The objective was to determine if there is RF radiation and if radiation is found, what is the extent of radiation with respect to safety limits. SAR (Specific Absorption Rate) is the measure of RF exposure determined by the amount of RF energy absorbed by human body (or its parts) – to determine how the RF energy couples to the body or head which is a primary health concern for body worn devices. The limit below which the exposure to RF is considered safe by regulatory bodies in Europe is 2 mW/g average over 10 gram of tissue mass.

The test configurations were laid out on a specially designed test fixture to ensure the reproducibility of measurements. Each configuration was scanned for SAR. Analysis of each scan was carried out to characterize the above effects in the device.

SAR Limits

FCC Limit

	SAR (W/kg)				
EXPOSURE LIMITS	(General Population / Uncontrolled Exposure Environment)	(Occupational / Controlled Exposure Environment)			
Spatial Average (averaged over the whole body)	0.08	0.4			
Spatial Peak (averaged over any 1 g of tissue)	1.60	8.0			
Spatial Peak (hands/wrists/feet/ankles averaged over 10 g)	4.0	20.0			

CE Limit

	SAR (W/kg)				
EXPOSURE LIMITS	(General Population / Uncontrolled Exposure	(Occupational / Controlled Exposure			
	Environment)	Environment)			
Spatial Average (averaged over the whole body)	0.08	0.4			
Spatial Peak (averaged over any 10 g of tissue)	2.0	10			
Spatial Peak (hands/wrists/feet/ankles averaged over 10 g)	4.0	20.0			

Population/Uncontrolled Environments are defined as locations where there is the exposure of individual who have no knowledge or control of their exposure.

Occupational/Controlled Environments are defined as locations where there is exposure that may be incurred by people who are aware of the potential for exposure (i.e. as a result of employment or occupation).

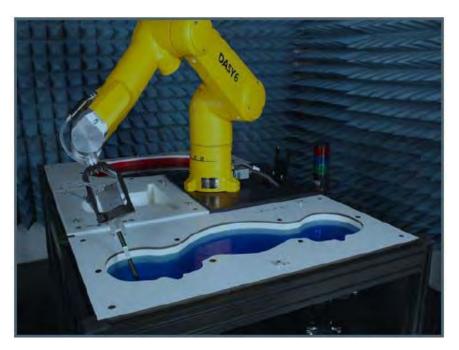
General Population/Uncontrolled environments Spatial Peak limit 1.6W/kg (FCC&IC) & 2 W/kg (CE) applied to the EUT.

FACILITIES

The Test site used by Bay Area Compliance Laboratories Corp. (Shenzhen) to collect test data is located on the 5F(B-West) ,6F,7F,the 3rd Phase of Wan Li Industrial Building D,Shihua Rd, FuTian Free Trade Zone, Shenzhen, China

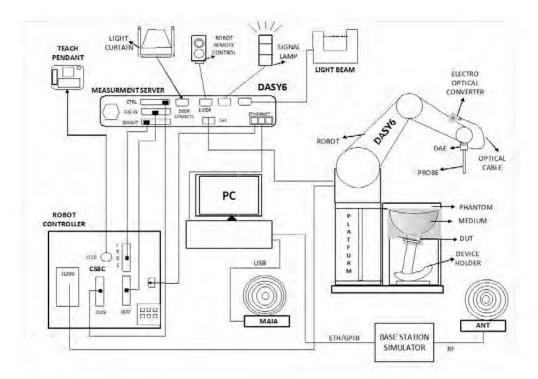
DESCRIPTION OF TEST SYSTEM

These measurements were performed with the automated near-field scanning system DASY6 from Schmid & Partner Engineering AG (SPEAG) which is the Fifth generation of the system shown in the figure hereinafter:



DASY6 System Description

The DASY6 system for performing compliance tests consists of the following items:



SAR Test Report

- A standard high precision 6-axis robot (Staubli TX=RX family) with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- An isotropic field probe optimized and calibrated for the targeted measurement.
- A data acquisition electronics (DAE) which performs the signal application, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running Win7 professional operating system and the DASY52 software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- The phantom, the device holder and other accessories according to the targeted measurement.

DASY6 Measurement Server

The DASY6 measurement server is based on a PC/104 CPU board with a 400 MHz Intel ULV Celeron, 128 MB chip-disk and 128 MB RAM. The necessary circuits for communication with the DAE4 (or DAE3) electronics box, as well as the 16-bit AD converter system for optical detection and digital I/O interface are contained on the DASY6 I/O board, which is directly connected to the PC/104 bus of the CPU board.



The measurement server performs all real-time data evaluations of field

measurements and surface detection, controls robot movements, and handles safety operations. The PC operating system cannot interfere with these time-critical processes. All connections are supervised by a watchdog, and disconnection of any of the cables to the measurement server will automatically disarm the robot and disable all program- controlled robot movements. Furthermore, the measurement server is equipped with an expansion port, which is reserved for future applications. Please note that this expansion port does not have a standardized pinout, and therefore only devices provided by SPEAG can be connected. Connection of devices from any other supplier could seriously damage the measurement server.

Data Acquisition Electronics

The data acquisition electronics (DAE4) consist of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converter and a command decoder with a control logic unit. Transmission to the measurement server is accomplished through an optical downlink for data and status information, as well as an optical uplink for commands and the clock.

The mechanical probe mounting device includes two different sensor systems for frontal and sideways probe contacts. They are used for mechanical surface detection and probe collision detection.

The input impedance of both the DAE4 as well as of the DAE3 box is 200MOhm; the inputs are symmetrical and floating. Common mode rejection is above 80 dB.

EX3DV4 E-Field Probes

Frequency	10 MHz to > 6 GHz Linearity: ± 0.2 dB (30 MHz to 6 GHz)
Directivity	\pm 0.3 dB in TSL (rotation around probe axis) \pm 0.5 dB in TSL (rotation normal to probe axis)
Dynamic Range	10 μ W/g to > 100 mW/g Linearity: ± 0.2 dB (noise: typically < 1 μ W/g)
Dimensions	Overall length: 337 mm (Tip: 20 mm) Tip diameter: 2.5 mm (Body: 12 mm) Typical distance from probe tip to dipole centers: 1 mm
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields); the only probe that enables compliance testing for frequencies up to 6 GHz with precision of better 30%.
Compatibility	DASY3, DASY4, DASY52 SAR and higher, EASY4/MRI

SAM Twin Phantom

The SAM Twin Phantom (shown in front of DASY6) is a fiberglass shell phantom with shell thickness 2 mm, except in the ear region where the thickness is increased to 6 mm. The phantom has three measurement areas: 1) Left Head, 2) Right Head, and 3) Flat Section. For larger devices, the use of the ELI-Phantom (shown behind DASY6) is required. For devices such as glasses with a wireless link, the Face Down Phantom is the most suitable (between the SAM Twin and ELI phantoms).

When the phantom is mounted inside allocated slot of the DASY6 platform, phantom reference points can be taught directly in the DASY5 V5.2 software. When the DASY6 platform is used to mount the

Phantom, some of the phantom teaching points cannot be reached by the robot in DASY5 V5.2. A special tool called P1a-P2aX-Former is provided to transform two of the three points, P1 and P2, to reachable locations. To use these new teaching points, a revised phantom configuration file is required. In addition to our standard broadband liquids, the phantom can be used with the following tissue simulating liquids:



Sugar-water-based liquids can be left permanently in the phantom. Always cover the liquid when the system is not in use to prevent changes in liquid parameters due to water evaporation.

DGBE-based liquids should be used with care. As DGBE is a softener for most plastics, the liquid should be taken out of the phantom, and the phantom should be dried when the system is not in use (desirable at least once a week).

Do not use other organic solvents without previously testing the solvent resistivity of the phantom. Approximately 25 liters of liquid is required to fill the SAM Twin phantom.

Bay Area Compliance Laboratories Corp. (Shenzhen)

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ELI Phantom

The ELI phantom is intended for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30MHz to 6 GHz. ELI is fully compatible with the latest draft of the standard IEC 62209-2 and the use of all known tissue simulating liquids. ELI has been optimized for performance and can be integrated into a SPEAG standard phantom table. A cover is provided to prevent evaporation of water and changes in liquid parameters. Reference markings on the phantom allow installation of the complete setup, including all predefined phantom positions and measurement grids, by teaching three points.

The phantom can be used with the following tissue simulating liquids:

- Sugar-water-based liquids can be left permanently in the phantom. Always cover the liquid when the system is not in use to prevent changes in liquid parameters due to water evaporation.
- DGBE-based liquids should be used with care. As DGBE is a softener for most plastics, the liquid should be taken out of the phantom, and the phantom should be dried when the system is not in use (desirable at least once a week).
- Do not use other organic solvents without previously testing the solvent resistivity of the phantom.

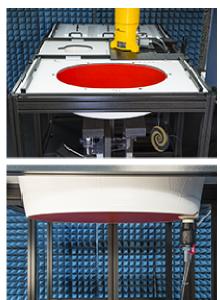
Approximately 25 liters of liquid is required to _fill the ELI phantom.

Robots

The DASY6 system uses the high-precision industrial robots TX60L, TX90XL, and RX160L from St aubli SA (France). The TX robot family - the successor of the well-known RX robot family - continues to offer the features important for DASY6 applications:

- High precision (repeatability 0.02mm)
- High reliability (industrial design)
- Low maintenance costs (virtually maintenance free due to direct drive gears; no belt drives)
- Jerk-free straight movements (brushless synchrony motors; no stepper motors)
- Low ELF interference (motor control fields shielded via the closed metallic construction shields)

The robots are controlled by the Staubli CS8c robot controllers. All information regarding the use and maintenance of the robot arm and the robot controller is provided



Calibration Frequency	Frequency	Range(MHz)	Conversion Factor		
Point(MHz)	From To		X	Y	Z
750 Head	650	850	10.28	10.28	10.28
900 Head	850	1000	9.80	9.80	9.80
1450 Head	1350	1550	8.61	8.61	8.61
1750 Head	1650	1850	8.39	8.39	8.39
1900 Head	1850	1950	8.02	8.02	8.02
2000 Head	1950	2100	8.07	8.07	8.07
2300 Head	2200	2400	7.92	7.92	7.92
2450 Head	2400	2550	7.63	7.63	7.63
2600 Head	2550	2700	7.33	7.33	7.33
3300 Head	3200	3400	7.21	7.21	7.21
3500 Head	3400	3600	6.96	6.96	6.96
3700 Head	3600	3800	6.65	6.65	6.65
3900 Head	3800	4000	6.66	6.66	6.66
4400 Head	4300	4500	6.45	6.45	6.45
4600 Head	4500	4700	6.30	6.30	6.30
4800 Head	4700	4900	6.24	6.24	6.24
4950 Head	4900	5050	5.95	5.95	5.95

Calibration Frequency Points for EX3DV4 E-Field Probes SN: 7441 Calibrated: 2021/02/23

Area Scans

Area scans are defined prior to the measurement process being executed with a user defined variable spacing between each measurement point (integral) allowing low uncertainty measurements to be conducted. Scans defined for FCC applications utilize a 15mm 2 step integral, with 1.5mm interpolation used to locate the peak SAR area used for zoom scan assessments.

Where the system identifies multiple SAR peaks (which are within 25% of peak value) the system will provide the user with the option of assessing each peak location individually for zoom scan averaging.

Zoom Scan (Cube Scan Averaging)

The averaging zoom scan volume utilized in the DASY5 software is in the shape of a cube and the side dimension of a 1 g or 10 g mass is dependent on the density of the liquid representing the simulated tissue. A density of 1000 kg/m^3 is used to represent the head and body tissue density and not the phantom liquid density, in order to be consistent with the definition of the liquid dielectric properties, i.e. the side length of the 1g cube is 10mm, with the side length of the 10g cube is 21.5mm.

When the cube intersects with the surface of the phantom, it is oriented so that 3 vertices touch the surface of the shell or the center of a face is tangent to the surface. The face of the cube closest to the surface is modified in order to conform to the tangent surface.

The zoom scan integer steps can be user defined so as to reduce uncertainty, but normal practice for typical test applications (including FCC) utilize a physical step of 7 x7 x 7 (5mmx5mm) providing a volume of 30 mm in the X & Y & Z axis.

Tissue Dielectric Parameters for Head and Body Phantoms

The head tissue dielectric parameters recommended by the IEC 62209-1:2016

Recommended Tissue Dielectric Parameters for Head and Body

Table A.3 - Dielectric properties of the head tissue-equivalent liquid

Frequency	Relative permittivity	Conductivity (d
MHz	<i>B</i> _t	S/m
300	45,3	0,87
450	43,5	0,87
750	41,9	0,89
835	41,5	0,90
900	41,5	0,97
1 450	40,5	1,20
1 500	40,4	1,23
1 640	40,2	1,31
1 750	40,1	1,37
1 800	40,0	1,40
1 900	40,0	1,40
2 000	40.0	1,40
2 100	39,8	1,49
2 300	39,5	1,67
2 450	39,2	1,80
2 600	39,0	1,96
3 000	38,5	2,40
3 500	37,9	2,91
4 000	37,4	3,43
4 500	36,8	3,94
5 000	36,2	4,45
5 200	36,0	4,66
5 400	35,8	4,86
5 600	35,5	5,07
5 800	35,3	5,27
6 000	35,1	5,48

NOTE For convenience, permittivity and conductivity values at those frequencies which are not part of the original data provided by Drossos et al. [33] or the extension to 5 800 MHz are provided (i.e. the values shown in italics). These values were linearly interpolated between the values in this table that are immediately above and below these values, except the values at 6 000 MHz that were linearly extrapolated from the values at 3 000 MHz and 5 800 MHz.

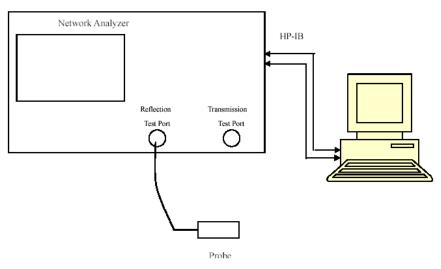
EQUIPMENT LIST AND CALIBRATION

Equipments List & Calibration Information

Equipment	Model	S/N	Calibration Date	Calibration Due Date
DASY5 Test Software	DASY52 52.10.2	N/A	NCR	NCR
DASY6 Measurement Server	DASY6 6.0.31	N/A	NCR	NCR
Data Acquisition Electronics	DAE4	1562	2021/01/19	2022/01/18
E-Field Probe	EX3DV4	7441	2021/02/23	2022/02/22
Mounting Device	MD4HHTV5	SD 000 H01 KA	NCR	NCR
SAM Twin Phantom	SAM-Twin V8.0	1962	NCR	NCR
Dipole, 1900MHz	D1900V2	5d231	2020/1/14	2023/1/13
Simulated Tissue Liquid Head(500-9500MHz)	HBBL600-10000V6	180622-2	Each Time	
Network Analyzer	8753D	3410A08288	2021/7/06	2022/7/05
Dielectric Assessment Kit	DAK-3.5	1248	NCR	NCR
MXG Analog Signal Generator	N5181A	MY48180408	2021/7/06	2022/7/05
USB wideband power sensor	U2021XA	MY54250003	2021/7/06	2022/7/05
Power Amplifier 5S1G4		71377	NCR	NCR
Directional Coupler	4242-10	3307	NCR	NCR
Attenuator	6dB	773-6	NCR	NCR
Wireless communication tester	CMD60	830861/029	2021/7/06	2022/7/05

SAR MEASUREMENT SYSTEM VERIFICATION

Liquid Verification



Liquid Verification Setup Block Diagram

Liquid Verification Results

Frequency	Liquid	Liquid Parameter		Target Value		Delta (%)		Tolerance
(MHz) Type		٤r	0 (S/m)	٤ _r	0 (S/m)	$\Delta \epsilon_r$	ΔƠ (S/m)	(%)
1900	Tissue Liquid Head	40.592	1.387	40.0	1.40	1.48	-0.93	±5
1921.536	Tissue Liquid Head	40.575	1.392	40.0	1.40	1.44	-0.57	±5
1924.992	Tissue Liquid Head	40.575	1.392	40.0	1.40	1.44	-0.57	±5
1928.448	Tissue Liquid Head	40.571	1.393	40.0	1.40	1.43	-0.50	±5

*Liquid Verification above was performed on 2021/07/29.

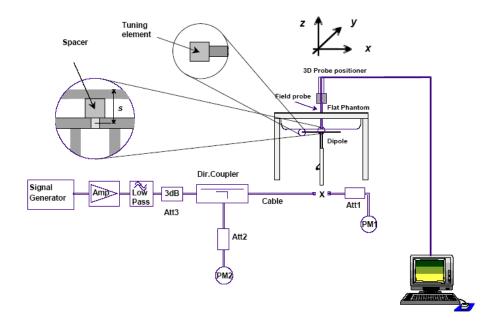
System Accuracy Verification

Prior to the assessment, the system validation kit was used to test whether the system was operating within its specifications of $\pm 10\%$. The validation results are tabulated below. And also the corresponding SAR plot is attached as well in the SAR plots files.

The spacing distances in the System Verification Setup Block Diagram is given by the following:

- a) $s = 15 \text{ mm} \pm 0.2 \text{ mm}$ for 300 MHz $\leq f \leq 1 \text{ 000 MHz}$;
- b) $s = 10 \text{ mm} \pm 0.2 \text{ mm}$ for 1 000 MHz < f \leq 3 000 MHz;
- c) $s = 10 \text{ mm} \pm 0.2 \text{ mm}$ for 3 000 MHz < f \leq 6 000 MHz.

System Verification Setup Block Diagram



System Accuracy Check Results

Date	Frequency Band (MHz)	Liquid Type	Input Power (mW)	S	asured SAR V/kg)	Normalized to 1W (W/kg)	Target Value (W/Kg)	Delta (%)	Tolerance (%)
2021/07/29	1900	Head	100	1g	3.92	39.2	40.3	-2.73	± 10

*The SAR values above are normalized to 1 Watt forward power.

SAR SYSTEM VALIDATION DATA

System Performance 1900 MHz Head

DUT: Dipole 1900MHz; Type: D1900V2; Serial: 5d231

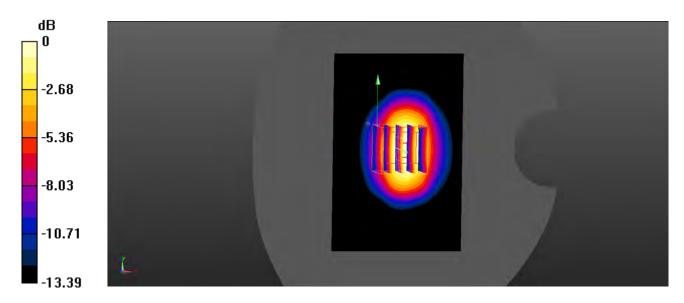
Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1 Medium parameters used: f = 1900 MHz; $\sigma = 1.387$ S/m; $\varepsilon_r = 40.592$; $\rho = 1000$ kg/m³ Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 SN7441; ConvF(8.02, 8.02, 8.02)
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head 1900MHz Pin=100mW/Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm Maximum value of SAR (interpolated) = 4.19 W/kg

Head 1900MHz Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 52.84 V/m; Power Drift = -0.10 dB Peak SAR (extrapolated) = 6.58W/kg SAR(1 g) = 3.92 W/kg; SAR(10 g) = 2.05 W/kg Maximum value of SAR (measured) = 4.28 W/kg



0 dB = 4.28 W/kg = 6.31 dBW/kg

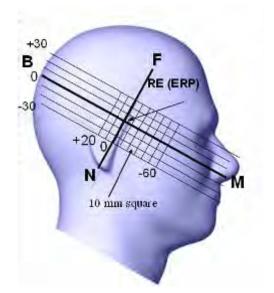
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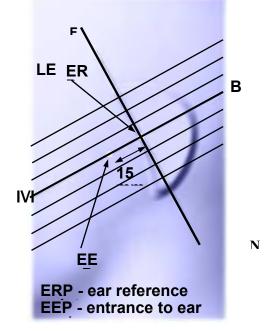
EUT TEST STRATEGY AND METHODOLOGY

Test Positions for Device Operating Next to a Person's Ear

This category includes most wireless handsets with fixed, retractable or internal antennas located toward the top half of the device, with or without a foldout, sliding or similar keypad cover. The handset should have its earpiece located within the upper 1/4 of the device, either along the centerline or off-centered, as perceived by its users. This type of handset should be positioned in a normal operating position with the "test device reference point" located along the "vertical centerline" on the front of the device aligned to the "ear reference point". The "test device reference point" should be located at the same level as the center of the earpiece region. The "vertical centerline" should bisect the front surface of the handset at its top and bottom edges. A "ear reference point" is located on the outer surface of the head phantom on each ear spacer. It is located 1.5 cm above the center of the ear canal entrance in the "phantom reference plane" defined by the three lines joining the center of each "ear reference point" (left and right) and the tip of the mouth.

A handset should be initially positioned with the earpiece region pressed against the ear spacer of a head phantom. For the SCC-34/SC-2 head phantom, the device should be positioned parallel to the "N-F" line defined along the base of the ear spacer that contains the "ear reference point". For interim head phantoms, the device should be positioned parallel to the cheek for maximum RF energy coupling. The "test device reference point" is aligned to the "ear reference point" on the head phantom and the "vertical centerline" is aligned to the "phantom reference plane". This is called the "initial ear position". While maintaining these three alignments, the body of the handset is gradually adjusted to each of the following positions for evaluating SAR:





Cheek/Touch Position

The device is brought toward the mouth of the head phantom by pivoting against the "ear reference point" or along the "N-F" line for the SCC-34/SC-2 head phantom.

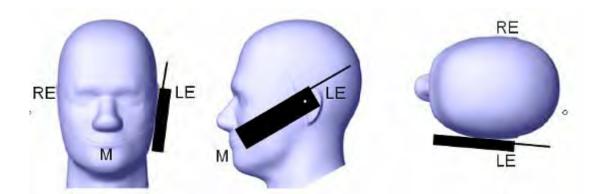
This test position is established:

When any point on the display, keypad or mouthpiece portions of the handset is in contact with the phantom.

(or) When any portion of a foldout, sliding or similar keypad cover opened to its intended self-adjusting normal use position is in contact with the cheek or mouth of the phantom.

For existing head phantoms – when the handset loses contact with the phantom at the pivoting point, rotation should continue until the device touches the cheek of the phantom or breaks its last contact from the ear spacer.

Cheek /Touch Position



Ear/Tilt Position

With the handset aligned in the "Cheek/Touch Position":

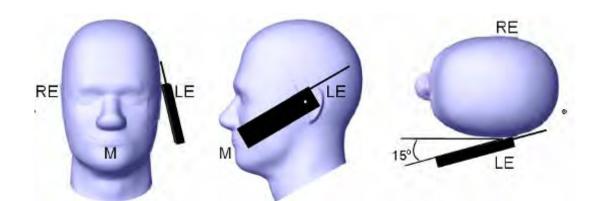
1) If the earpiece of the handset is not in full contact with the phantom's ear spacer (in the "Cheek/Touch position") and the peak SAR location for the "Cheek/Touch" position is located at the ear spacer region or corresponds to the earpiece region of the handset, the device should be returned to the "initial ear position" by rotating it away from the mouth until the earpiece is in full contact with the ear spacer.

2) (otherwise) The handset should be moved (translated) away from the cheek perpendicular to the line passes through both "ear reference points" (note: one of these ear reference points may not physically exist on a split head model) for approximate 2-3 cm. While it is in this position, the device handset is tilted away from the mouth with respect to the "test device reference point" until the inside angle between the vertical centerline on the front surface of the phone and the horizontal line passing through the ear reference point is by 15 80°. After the tilt, it is then moved (translated) back toward the head perpendicular to the line passes through both "ear reference points" until the device touches the phantom or the ear spacer. If the antenna touches the head first, the positioning process should be repeated with a tilt angle less than 15° so that the device and its antenna would touch the phantom simultaneously. This test position may require a device holder or positioner to achieve the translation and tilting with acceptable positioning repeatability.

If a device is also designed to transmit with its keypad cover closed for operating in the head position, such positions should also be considered in the SAR evaluation. The device should be tested on the left and right side of the head phantom in the "Cheek/Touch" and "Ear/Tilt" positions. When applicable, each configuration should be tested with the antenna in its fully extended and fully retracted positions. These test configurations should be tested at the high, middle and low frequency channels of each operating mode; for example, AMPS, CDMA, and TDMA. If the SAR measured at the middle channel for each test configuration (left, right, Cheek/Touch, Tilt/Ear, extended and retracted) is at least 2.0 dB lower than the SAR limit, testing at the high

and low channels is optional for such test configuration(s). If the transmission band of the test device is less than 10 MHz, testing at the high and low frequency channels is optional.

Ear /Tilt 15° Position



SAR Evaluation Procedure

The evaluation was performed with the following procedure:

Step 1: Measurement of the SAR value at a fixed location above the ear point or central position was used as a reference value for assessing the power drop. The SAR at this point is measured at the start of the test and then again at the end of the testing.

Step 2: The SAR distribution at the exposed side of the head was measured at a distance of 4 mm from the inner surface of the shell. The area covered the entire dimension of the head or radiating structures of the EUT, the horizontal grid spacing was 15 mm x 15 mm, and the SAR distribution was determined by integrated grid of 1.5mm x 1.5mm. Based on these data, the area of the maximum absorption was determined by spline interpolation. The first Area Scan covers the entire dimension of the EUT to ensure that the hotspot was correctly identified.

Step 3: Around this point, a volume of 30 mm x 30 mm x 30 mm was assessed by measuring 7x 7 x 7 points. On the basis of this data set, the spatial peak SAR value was evaluated under the following procedure:

1) The data at the surface were extrapolated, since the center of the dipoles is 1.2 mm away from the tip of the probe and the distance between the surface and the lowest measuring point is 1.3 mm. The extrapolation was based on a least square algorithm. A polynomial of the fourth order was calculated through the points in z-axes. This polynomial was then used to evaluate the points between the surface and the probe tip.

2) The maximum interpolated value was searched with a straightforward algorithm. Around this maximum the SAR values averaged over the spatial volumes (1 g or 10 g) were computed by the 3D-Spline interpolation algorithm. The 3D-Spline is composed of three one dimensional splines with the "Not a knot"-condition (in x, y and z-directions). The volume was integrated with the trapezoidal-algorithm. One thousand points ($10 \times 10 \times 10$) were interpolated to calculate the averages.

All neighboring volumes were evaluated until no neighboring volume with a higher average value was found.

Step 4: Re-measurement of the SAR value at the same location as in Step 1. If the value changed by more than 5%, the evaluation was repeated.

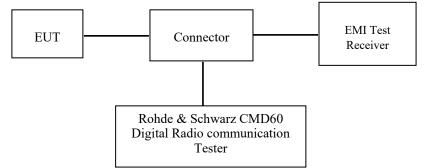
CONDUCTED OUTPUT POWER MEASUREMENT

Provision Applicable

The measured peak output power should be greater and within 5% than EMI measurement.

Test Procedure

The RF output of the transmitter was connected to the input of the EMI Test Receiver through Connector.



Maximum Target Average Output Power

	Max Target Power(dBm)						
		Channel					
Mode/Band	Low	Middle	High				
DECT	17.0	17.0	17.0				

Test Results:

DECT:

Mode		Frequency (MHz)	RF Output Peak Power (dBm)	RF Output Peak Power (mW)
		1921.536	16.71	46.881
	ANT1	1924.992	16.76	47.424
DECT		1928.448	16.72	46.989
DECT		1921.536	16.62	45.920
	ANT2	1924.992	16.53	44.978
		1928.448	16.54	45.082

Note:

- 1. Rohde & Schwarz Radio Communication Tester (CMD60) was used for the measurement of DECT peak output power.
- 2. Duty Cycle=1/20.8 (From Radio report)
- 3. The EUT belongs to a low duty cycle device.
- 4. Per KDB 447498 D01, 1 Channel shall be tested; the middle channel was selected to test:

$$N_{\rm c} = Round \left\{ \left[100 (f_{\rm high} - f_{\rm low}) / f_{\rm c} \right]^{0.5} \times (f_{\rm c} / 100)^{0.2} \right\},\$$

where f_{high} is the highest frequency in the band and f_{low} , is the lowest f_c is the center frequency in the band.

SAR MEASUREMENT RESULTS

This page summarizes the results of the performed dosimetric evaluation.

SAR Test Data

Environmental Conditions

Temperature:	22.4-23.1 °C
Relative Humidity:	50-55 %
ATM Pressure:	101.3 kPa
Test Date:	2021/07/29

Testing was performed by Seven Liang.

EUT		Frequency	Test	Max. Meas.	Max. Rated	1g SAR	(W/Kg), L	imited=1.6W	// kg
Positio	n	(MHz)	Mode	Power (dBm)	Power (dBm)	Scaled Factor	Meas. SAR	Scaled SAR	Plot
		1921.536	GFSK	/	/	/	/	/	/
	ANT1	1924.992	GFSK	16.76	17.0	1.057	0.030	0.04	1#
Head-touch		1928.448	GFSK	/	/	/	/	/	/
nead-touch		1921.536	GFSK	/	/	/	/	/	/
	ANT2	1924.992	GFSK	16.53	17.0	1.114	0.029	0.04	2#
		1928.448	GFSK	/	/	/	/	/	/

Note:

- 1. When the SAR value is less than half of the limit, testing for other channels are optional.
- 2. When SAR or MPE is not measured at the maximum power level allowed for production to the individual channels tested to determine compliance.
- 3. As the device is only worn on head in actual use, so head mode need test only.

SAT Test Plots:

Plot 1#

DUT: DECT Wireless Headset; Type: RTX8930; Serial: SZ1210623-24970E-SA-S_B1T

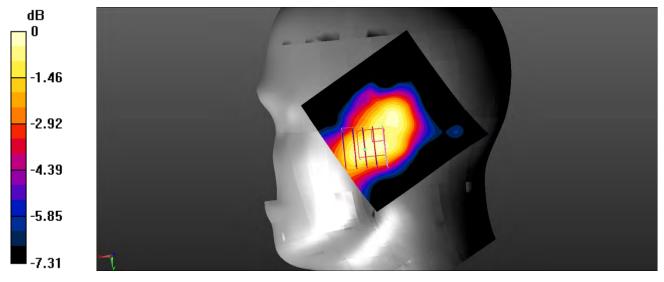
Communication System: UID 0, DECT (0); Frequency: 1924.99 MHz;Duty Cycle: 1:20.8 Medium parameters used (interpolated): f = 1924.99 MHz; σ = 1.392 S/m; ϵ_r = 40.575; ρ = 1000 kg/m³ Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 SN7441; ConvF(8.02, 8.02, 8.02)
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head-touch/DECT Middle/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm Maximum value of SAR (interpolated) = 0.0337 W/kg

Head-touch/DECT Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 3.861 V/m; Power Drift = 0.12 dB Peak SAR (extrapolated) = 0.0350 W/kg SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.023 W/kg Maximum value of SAR (measured) = 0.0338 W/kg



0 dB = 0.0338 W/kg = -14.71 dBW/kg

SAR Test Report

Plot 2#

DUT: DECT Wireless Headset; Type: RTX8930; Serial: SZ1210623-24970E-SA-S_B1T

Communication System: UID 0, DECT (0); Frequency: 1924.99 MHz;Duty Cycle: 1:20.8 Medium parameters used (interpolated): f = 1924.99 MHz; $\sigma = 1.392$ S/m; $\epsilon_r = 40.575$; $\rho = 1000$ kg/m³ Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 SN7441; ConvF(8.02, 8.02, 8.02)
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

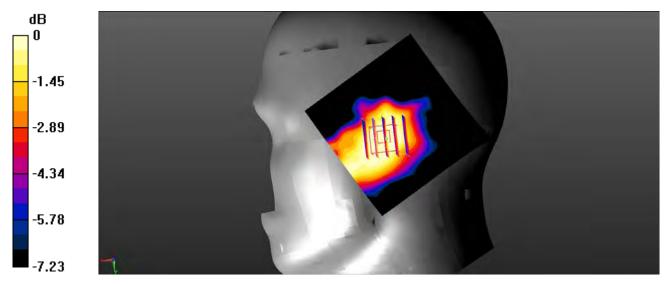
Head-touch/DECT Middle/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm Maximum value of SAR (interpolated) = 0.0387 W/kg

Head-touch/DECT Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 4.042 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.0310 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0299 W/kg



0 dB = 0.0299 W/kg = -15.24 dBW/kg

SAR Measurement Variability

In accordance with published RF Exposure KDB procedure 865664 D01 SAR measurement 100 MHz to 6 GHz v01. These additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results

- Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.
- 2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
- 3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).
- 4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

Note: The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.

The Highest Measured SAR Configuration in Each Frequency Band

Body

SAR probe	Frequency	Freq.(MHz)	EUT Position	Meas. SA	.R (W/kg)	Largest to Smallest
calibration point	Band	Fieq.(MITZ)	LUT FOSILIOII	Original	Repeated	SAR Ratio
/	/	/	/	/	/	/

Note:

- 1. Second Repeated Measurement is not required since the ratio of the largest to smallest SAR for the original and first repeated measurement is not > 1.20.
- 2. The measured SAR results **do not** have to be scaled to the maximum tune-up tolerance to determine if repeated measurements are required.

3. SAR measurement variability must be assessed for each frequency band, which is determined by the **SAR probe calibration point and tissue-equivalent medium** used for the device measurements..

APPENDIX A MEASUREMENT UNCERTAINTY

The uncertainty budget has been determined for the measurement system and is given in the following Table. Measurement uncertainty evaluation for IEEE1528-2013 SAR test

Source of uncertainty	Tolerance/ uncertainty ± %	Probability distribution	Divisor	ci (1 g)	ci (10 g)	Standard uncertainty ± %, (1 g)	Standard uncertainty ± %, (10 g)
	•	Measureme	nt system				
Probe calibration	6.55	Ν	1	1	1	6.6	6.6
Axial Isotropy	4.7	R	$\sqrt{3}$	1	1	2.7	2.7
Hemispherical Isotropy	9.6	R	$\sqrt{3}$	0	0	0.0	0.0
Boundary effect	1.0	R	$\sqrt{3}$	1	1	0.6	0.6
Linearity	4.7	R	$\sqrt{3}$	1	1	2.7	2.7
Detection limits	1.0	R	$\sqrt{3}$	1	1	0.6	0.6
Readout electronics	0.3	Ν	1	1	1	0.3	0.3
Response time	0.0	R	$\sqrt{3}$	1	1	0.0	0.0
Integration time	0.0	R	$\sqrt{3}$	1	1	0.0	0.0
RF ambient conditions – noise	1.0	R	$\sqrt{3}$	1	1	0.6	0.6
RF ambient conditions-reflections	1.0	R	$\sqrt{3}$	1	1	0.6	0.6
Probe positioner mech. Restrictions	0.8	R	$\sqrt{3}$	1	1	0.5	0.5
Probe positioning with respect to phantom shell	6.7	R	$\sqrt{3}$	1	1	3.9	3.9
Post-processing	2.0	R	$\sqrt{3}$	1	1	1.2	1.2
		Test sample	e related				
Test sample positioning	2.8	Ν	1	1	1	2.8	2.8
Device holder uncertainty	6.3	Ν	1	1	1	6.3	6.3
Drift of output power	5.0	R	$\sqrt{3}$	1	1	2.9	2.9
		Phantom ar	nd set-up				
Phantom uncertainty (shape and thickness tolerances)	4.0	R	$\sqrt{3}$	1	1	2.3	2.3
Liquid conductivity target)	5.0	R	$\sqrt{3}$	0.64	0.43	1.8	1.2
Liquid conductivity meas.)	2.5	N	1	0.64	0.43	1.6	1.1
Liquid permittivity target)	5.0	R	$\sqrt{3}$	0.6	0.49	1.7	1.4
Liquid permittivity meas.)	2.5	Ν	1	0.6	0.49	1.5	1.2
Combined standard uncertainty		RSS				12.2	12.0
Expanded uncertainty 95 % confidence interval)						24.3	23.9

Source of uncertainty	Tolerance/ uncertainty ± %	Probability distribution	Divisor	ci (1 g)	ci (10 g)	Standard uncertainty ± %, (1 g)	Standard uncertainty ± %, (10 g)
		Measureme	nt system	•	,		
Probe calibration	6.55	Ν	1	1	1	6.6	6.6
Axial Isotropy	4.7	R	$\sqrt{3}$	1	1	2.7	2.7
Hemispherical Isotropy	9.6	R	$\sqrt{3}$	0	0	0.0	0.0
Linearity	4.7	R	$\sqrt{3}$	1	1	2.7	2.7
Modulation Response	0.0	R	$\sqrt{3}$	1	1	0.0	0.0
Detection limits	1.0	R	$\sqrt{3}$	1	1	0.6	0.6
Boundary effect	1.0	R	$\sqrt{3}$	1	1	0.6	0.6
Readout electronics	0.3	N	1	1	1	0.3	0.3
Response time	0.0	R	$\sqrt{3}$	1	1	0.0	0.0
Integration time	0.0	R	$\sqrt{3}$	1	1	0.0	0.0
RF ambient conditions – noise	1.0	R	$\sqrt{3}$	1	1	0.6	0.6
RF ambient conditions-reflections	1.0	R	$\sqrt{3}$	1	1	0.6	0.6
Probe positioner mech. Restrictions	0.8	R	$\sqrt{3}$	1	1	0.5	0.5
Probe positioning with respect to phantom shell	6.7	R	$\sqrt{3}$	1	1	3.9	3.9
Post-processing	2.0	R	$\sqrt{3}$	1	1	1.2	1.2
	I	Test sample	e related			I	
Device holder Uncertainty	6.3	Ν	1	1	1	6.3	6.3
Test sample positioning	2.8	Ν	1	1	1	2.8	2.8
Power scaling	4.5	R	$\sqrt{3}$	1	1	2.6	2.6
Drift of output power	5.0	R	$\sqrt{3}$	1	1	2.9	2.9
		Phantom an	d set-up				
Phantom uncertainty (shape and thickness tolerances)	4.0	R	$\sqrt{3}$	1	1	2.3	2.3
Algorithm for correcting SAR for deviations in permittivity and conductivity	1.9	N	1	1	0.84	1.1	0.9
Liquid conductivity (meas.)	2.5	Ν	1	0.64	0.43	1.6	1.1
Liquid permittivity (meas.)	2.5	N	1	0.6	0.49	1.5	1.2
Temp. unc Conductivity	1.7	R	$\sqrt{3}$	0.78	0.71	0.8	0.7
Temp. unc Permittivity	0.3	R	$\sqrt{3}$	0.23	0.26	0.0	0.0
Combined standard uncertainty		RSS				12.2	12.1
Expanded uncertainty 95 % confidence interval)						24.5	24.2

Measurement uncertainty evaluation for IEC62209-2 SAR test

APPENDIX B EUT TEST POSITION PHOTOS

Planom: SAM-Twin Vs.0 Plan2a, Type: QD 000 P41 AA , Sena: 1902

Liquid depth ≥ 15cm Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962

Head-touch Setup Photo

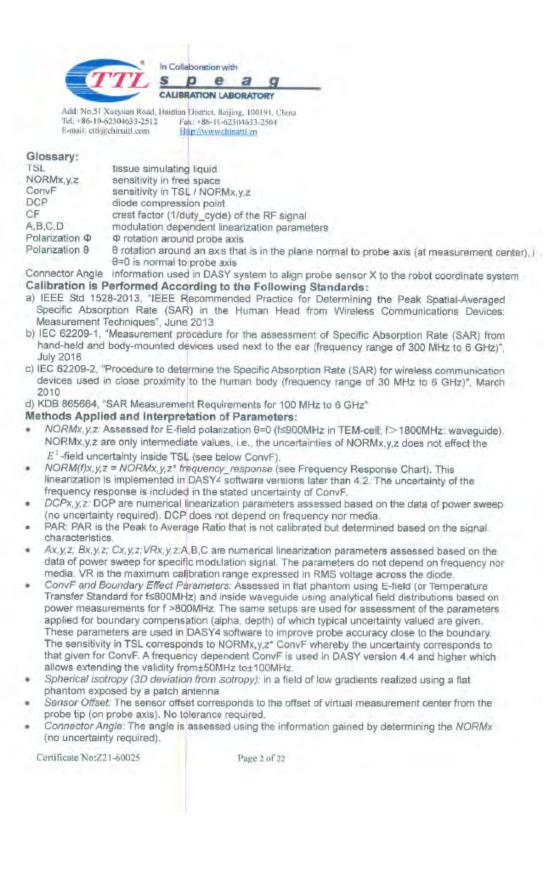


SAR Test Report

APPENDIX C PROBE CALIBRATION CERTIFICATES

Tel: +86-10-623046. E-mail: cttl@chinatt Client BACL		0-62304633-2504 .chinattl.cn	
Client BALL			
Chieffe	and the second second	Certificate No:	Z21-60025
CALIBRATION CE	RTIFICATE		
Object	EX3DV4 - S	SN : 7441	
Calibration Procedure(s)	EE 744 004	00	
	FF-Z11-004 Calibration	-02 Procedures for Dosimetric E-field Probes	3
Calibration date:	February 23		
		ability to national standards, which rea	
	conducted in the	alagad Jaboraton, facility, anyiranment	to an and the lot and the
Calibration Equipment used		closed laboratory facility: environment libration)	temperature(22±3)°C and
humidity<70%. Calibration Equipment used Primary Standards	(M&TE critical for ca	libration) Cal Date(Calibrated by, Certificate No.)	Scheduled Calibration
humidity<70%. Calibration Equipment used Primary Standards Power Meter NRP2	(M&TE critical for ca ID # 101919	libration) Cal Date(Calibrated by, Certificate No.) 16-Jun-20(CTTL, No.J20X04344)	Scheduled Calibration Jun-21
humidity<70%. Calibration Equipment used Primary Standards Power Meter NRP2 Power sensor NRP-Z91	(M&TE critical for ca ID # 101919 101547	libration) Cal Date(Calibrated by, Certificate No.) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344)	Scheduled Calibration Jun-21 Jun-21
humidity<70%. Calibration Equipment used Primary Standards Power Meter NRP2	(M&TE critical for ca ID # 101919 101547 101548	libration) Cal Date(Calibrated by, Certificate No.) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344)	Scheduled Calibration Jun-21 Jun-21 Jun-21 Jun-21
humidity<70%. Calibration Equipment used Primary Standards Power Meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91	(M&TE critical for ca ID # 101919 101547 101548 r 18N50VV-10dB	libration) Cal Date(Calibrated by, Certificate No.) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 10-Feb-20(CTTL, No.J20X00525)	Scheduled Calibration Jun-21 Jun-21
humidity<70%. Calibration Equipment used Primary Standards Power Meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 10dBAttenuato Reference 20dBAttenuato Reference Probe EX3DV4	(M&TE critical for ca ID # 101919 101547 101548 r 18N50W-10dB r 18N50W-20dB	libration) Cal Date(Calibrated by, Certificate No.) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 10-Feb-20(CTTL, No.J20X00525)	Scheduled Calibration Jun-21 Jun-21 Jun-21 Feb-22 Feb-22 Feb-22
humidity<70%. Calibration Equipment used Primary Standards Power Meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 10dBAttenuato Reference 20dBAttenuato	(M&TE critical for ca ID # 101919 101547 101548 or 18N50W-10dB or 18N50W-20dB	libration) Cal Date(Calibrated by, Certificate No.) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 10-Feb-20(CTTL, No.J20X00525) 10-Feb-20(CTTL, No.J20X00526)	Scheduled Calibration Jun-21 Jun-21 Jun-21 Feb-22 Feb-22 Y20) May-21
humidity<70%. Calibration Equipment used Primary Standards Power Meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 10dBAttenuato Reference 20dBAttenuato Reference Probe EX3DV4	(M&TE critical for ca ID # 101919 101547 101548 or 18N50W-10dB or 18N50W-20dB 4 SN 7307	libration) Cal Date(Calibrated by, Certificate No.) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 10-Feb-20(CTTL, No.J20X00525) 10-Feb-20(CTTL, No.J20X00526) 29-May-20(SPEAG, No.EX3-7307_Ma	Scheduled Calibration Jun-21 Jun-21 Jun-21 Feb-22 Feb-22 Y20) May-21
humidity<70%. Calibration Equipment used Primary Standards Power Meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 10dBAttenuato Reference 20dBAttenuato Reference Probe EX3DV4 DAE4 Secondary Standards SignalGenerator MG3700	(M&TE critical for ca ID # 101919 101547 101548 r 18N50W-10dB r 18N50W-20dB SN 7307 SN 1555 ID # A 6201052605	libration) Cal Date(Calibrated by, Certificate No.) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 10-Feb-20(CTTL, No.J20X00525) 10-Feb-20(CTTL, No.J20X00526) 29-May-20(SPEAG, No.EX3-7307_Ma 25-Aug-20(SPEAG, No.DAE4-1555_Au Cal Date(Calibrated by, Certificate No.) 23-Jun-20(CTTL, No.J20X04343)	Scheduled Calibration Jun-21 Jun-21 Jun-21 Feb-22 Feb-22 y20) May-21 ug20) Aug-21
humidity<70%. Calibration Equipment used Primary Standards Power Meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 10dBAttenuato Reference 20dBAttenuato Reference Probe EX3DV4 DAE4 Secondary Standards SignalGenerator MG3700 Network Analyzer E50710	(M&TE critical for ca ID # 101919 101547 101548 r 18N50W-10dB r 18N50W-20dB SN 7307 SN 1555 ID # A 6201052605 MY46110673	libration) Cal Date(Calibrated by, Certificate No.) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 10-Feb-20(CTTL, No.J20X00525) 10-Feb-20(CTTL, No.J20X00526) 29-May-20(SPEAG, No.EX3-7307_Mar 25-Aug-20(SPEAG, No.DAE4-1555_Ar Cal Date(Calibrated by, Certificate No.) 23-Jun-20(CTTL, No.J20X04343) 21-Jan-21(CTTL, No.J20X00515)	Scheduled Calibration Jun-21 Jun-21 Jun-21 Feb-22 Feb-22 y20) May-21 ug20) Aug-21 Scheduled Calibration Jun-21 Jan-22
humidity<70%. Calibration Equipment used Primary Standards Power Meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 10dBAttenuato Reference 20dBAttenuato Reference Probe EX3DV4 DAE4 Secondary Standards SignalGenerator MG3700 Network Analyzer E50710	(M&TE critical for ca ID # 101919 101547 101548 r 18N50W-10dB r 18N50W-20dB SN 7307 SN 1555 ID # A 6201052605	libration) Cal Date(Calibrated by, Certificate No.) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 10-Feb-20(CTTL, No.J20X00525) 10-Feb-20(CTTL, No.J20X00526) 29-May-20(SPEAG, No.EX3-7307_Ma 25-Aug-20(SPEAG, No.DAE4-1555_Au Cal Date(Calibrated by, Certificate No.) 23-Jun-20(CTTL, No.J20X04343)	Scheduled Calibration Jun-21 Jun-21 Jun-21 Feb-22 Feb-22 y20) May-21 ug20) Aug-21 Scheduled Calibration Jun-21
humidity<70%. Calibration Equipment used Primary Standards Power Meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 10dBAttenuato Reference 20dBAttenuato Reference Probe EX3DV4 DAE4 Secondary Standards SignalGenerator MG3700 Network Analyzer E50710	(M&TE critical for ca ID # 101919 101547 101548 r 18N50W-10dB r 18N50W-20dB SN 7307 SN 1555 ID # A 6201052605 MY46110673	libration) Cal Date(Calibrated by, Certificate No.) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 10-Feb-20(CTTL, No.J20X00525) 10-Feb-20(CTTL, No.J20X00526) 29-May-20(SPEAG, No.EX3-7307_Mar 25-Aug-20(SPEAG, No.DAE4-1555_Ar Cal Date(Calibrated by, Certificate No.) 23-Jun-20(CTTL, No.J20X04343) 21-Jan-21(CTTL, No.J20X00515)	Scheduled Calibration Jun-21 Jun-21 Jun-21 Feb-22 Feb-22 y20) May-21 ug20) Aug-21 Scheduled Calibration Jun-21 Jan-22
humidity<70%. Calibration Equipment used Primary Standards Power Meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 10dBAttenuato Reference 20dBAttenuato Reference Probe EX3DV4 DAE4 Secondary Standards SignalGenerator MG3700 Network Analyzer E50710	(M&TE critical for ca ID # 101919 101547 101548 r 18N50W-10dB r 18N50W-20dB SN 7307 SN 1555 ID # A 6201052605 MY46110673 Name	libration) Cal Date(Calibrated by, Certificate No.) 16-Jun-20(CTTL, No.J20X04344) 16-Jun-20(CTTL, No.J20X04344) 10-Feb-20(CTTL, No.J20X04344) 10-Feb-20(CTTL, No.J20X00525) 10-Feb-20(CTTL, No.J20X00526) 29-May-20(SPEAG, No.DAE4-1555_Ad 25-Aug-20(SPEAG, No.DAE4-1555_Ad Cal Date(Calibrated by, Certificate No.) 23-Jun-20(CTTL, No.J20X04343) 21-Jan-21(CTTL, No.J20X00515) Function	Scheduled Calibration Jun-21 Jun-21 Jun-21 Feb-22 Feb-22 y20) May-21 ug20) Aug-21 Scheduled Calibration Jun-21 Jan-22

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DASY/EASY – Parameters of Probe: EX3DV4 – SN: 7441

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm(µV/(V/m) ²) ^A	0.39	0.45	0.38	±10.0%
DCP(mV) ⁸	93.1	100.5	104.6	

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dBõV	с	D dB	VR mV	Max Dev.	Max Unc ^E (k=2)
0	cw	х	0.0	0.0	1.0	0.00	139.3	±2.4%	±4.7%
		Y	0.0	0.0	1.0	1000	153.1	1.00	
	and the second second second	Z	0.0	0.0	1.0	1	141.0		
10352-AAA	Pulse Waveform (200Hz, 10%)	X	4.04	73.52	15.23		60	±2.5%	±9.6%
		Y	15.00	89.17	21.61	10.00	60		1.1.1.1
		Z	2.42	64.53	9.92		60	-	
10353-AAA	Pulse Waveform (200Hz, 20%)	X	2.98	73.02	13.42		80	±3.6%	±9.6%
		Y	15.00	89.50	20.53	6.99	80		
	in the second second second	Z	1.65	63.70	8.48		80	±2.4%	
10354-AAA	Pulse Waveform (200Hz, 40%)	Х	0.41	60.19	5.48		95	±4.4%	±9.6%
		Y	15.00	91.13	19.76	3.98	95		
	and the second sec	Z	0.82	61.75	6.50		95		
10355-AAA	Pulse Waveform (200Hz, 60%)	X	0.30	60.00	2.65		120	±4.2%	±9.6%
	in the second second second second	Y	15.00	91.47	18.41	2.22	120	-	
		Z	0.37	60.00	4.77		120		
10387-AAA	QPSK Waveform, 1 MHz	X	1.44	64.79	13.45		150	±5.8%	±9.6%
		Y	1.91	66.78	15.83	1.00	150		
		Z	1.64	66.60	14.97		150		
10388-AAA	QPSK Waveform, 10 MHz	X	2.07	67.05	14.84		150	±2.1%	±9.6%
		Y	2.63	70.15	16.62	0.00	150		
		Z	2.25	68.71	15.88		150	±2.4% ±2.5% ±3.6% ±4.4% ±4.2% ±5.8% ±2.1% ±1.7%	
10396-AAA	64-QAM Waveform, 100 kHz	X	3.84	74.23	20.85		150	±1.7%	±9.6%
	the second s	Y	3.92	75.03	21.44	3.01	150		
	Charles and the second s	Z	3.30	74.68	21.41		150		
10414-AAA	WLAN CCDF, 64-QAM, 40MHz	X	4.94	65.78	15.89		150	±3.2%	±9.6%
		Y	5.15	66.05	15.81	0.00	150		
		Z	4.80	65.71	15.51		150		

Note: For details on UID parameters see Appendix

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

 ^A The uncertainties of Norm X, Y, Z do not affect the E²-field uncertainty inside TSL (see Page 5).
 ^B Numerical linearization parameter: uncertainty not required.
 ^E Uncertainty is determined using the max, deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

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DASY/EASY - Parameters of Probe: EX3DV4 - SN: 7441

Sensor Model Parameters

	C1 fF	C2 fF	α V-1	T1 ms.V ⁻²	T2 ms.V ⁻¹	T3 ms	T4 V ⁻²	T5 V-1	T6
Х	46.12	390.20	44.09	1.81	0.10	5.10	0.50	0.70	1.02
Y	68.53	519.82	36.61	21.71	0.08	5.10	0.33	0.53	1.02
Z	44.97	331,90	34.82	11.23	0.05	4.98	1.08	0.17	1.02

Other Probe Parameters

Sensor Arrangement	Triangular		
Connector Angle (°)	102.1		
Mechanical Surface Detection Mode	enabled		
Optical Surface Detection Mode	disable		
Probe Overall Length	337mm		
Probe Body Diameter	10mm		
Tip Length	9mm		
Tip Diameter	2.5mm		
Probe Tip to Sensor X Calibration Point	1mm		
Probe Tip to Sensor Y Calibration Point	1mm		
Probe Tip to Sensor Z Calibration Point	1mm		
Recommended Measurement Distance from Surface	1.4mm		

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SAR Test Report



DASY/EASY – Parameters of Probe: EX3DV4 – SN:7441

Calibration Parameter Determined in Head Tissue Simulating Media

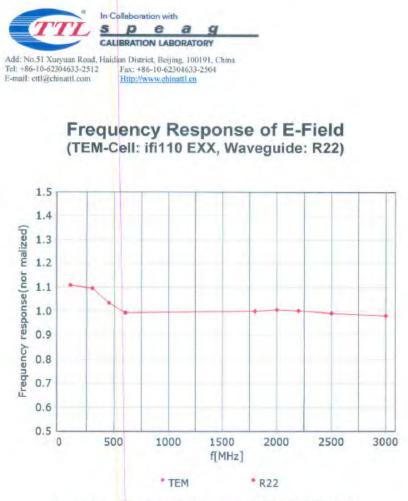
f [MHz] ^C	Relative Permittivity F	Conductivity (S/m) F	GonvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unct. (k=2)
750	41.9	0.89	10.28	10.28	10.28	0.40	0.80	±12.1%
900	41.5	0.97	9.80	9.80	9.80	0.16	1.32	±12.1%
1450	40.5	1.20	8.61	8.61	8.61	0.18	1.04	±12.1%
1750	40.1	1.37	8.39	8.39	8.39	0.22	1.15	±12.1%
1900	40.0	1.40	8.02	8.02	8.02	0.23	1.14	±12.1%
2000	40.0	1.40	8.07	8.07	8.07	0.19	1.21	±12.1%
2300	39.5	1.67	7.92	7.92	7.92	0.65	0.65	±12.1%
2450	39.2	1.80	7.63	7.63	7.63	0.44	0.84	±12.1%
2600	39.0	1.96	7.33	7.33	7.33	0.52	0.75	±12.1%
3300	38.2	2.71	7.21	7.21	7.21	0.49	0.91	±13.3%
3500	37.9	2.91	6.96	6.96	6.96	0.46	0.95	±13.3%
3700	37.7	3.12	6.65	6.65	6.65	0.47	1.02	±13.3%
3900	37.5	3.32	6.66	6.66	6.66	0.40	1.25	±13.3%
4400	36.9	3.84	6.45	6.45	6.45	0.35	1.35	±13.3%
4600	36.7	4.04	6.30	6.30	6.30	0.45	1.25	±13.3%
4800	36.4	4.25	6.24	6.24	6.24	0.40	1.40	±13.3%
4950	36.3	4.40	5.95	5.95	5.95	0.45	1.30	±13.3%

^c Frequency validity above 300 MHz of ±100MHz only applies for DASY v4.4 and higher (Page 2), else it is restricted to ±50MHz. The uncertainty is the RSS of ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Above 5 GHz frequency validity can be extended to ± 110 MHz.

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

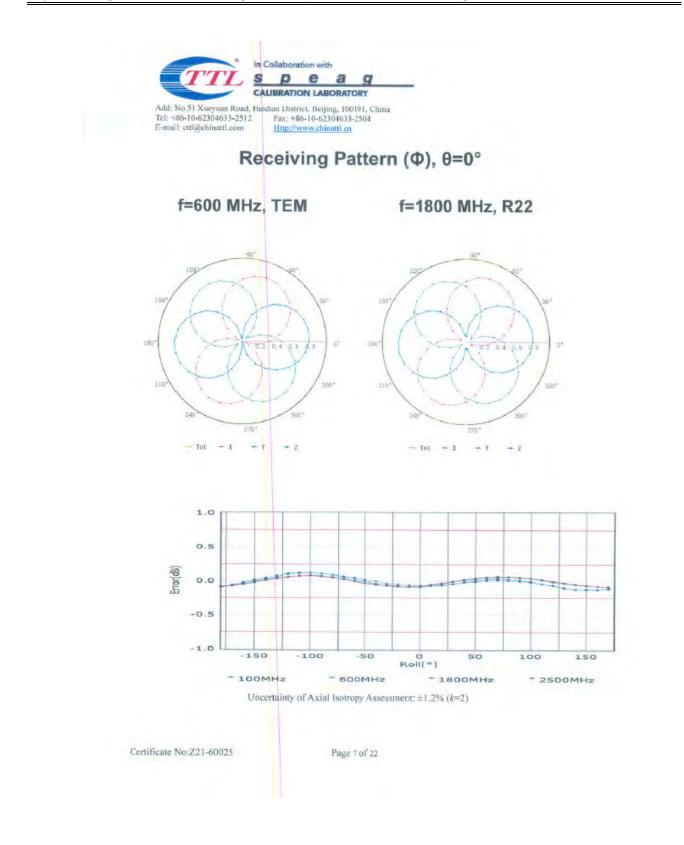
Certificate No:Z21-60025

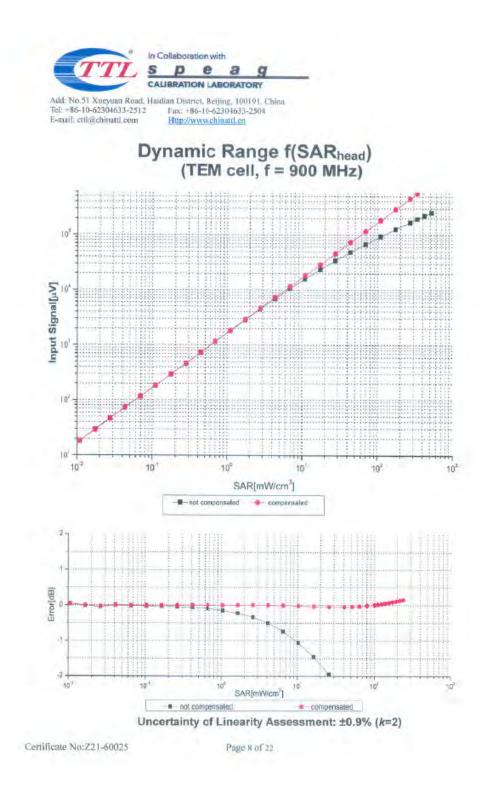
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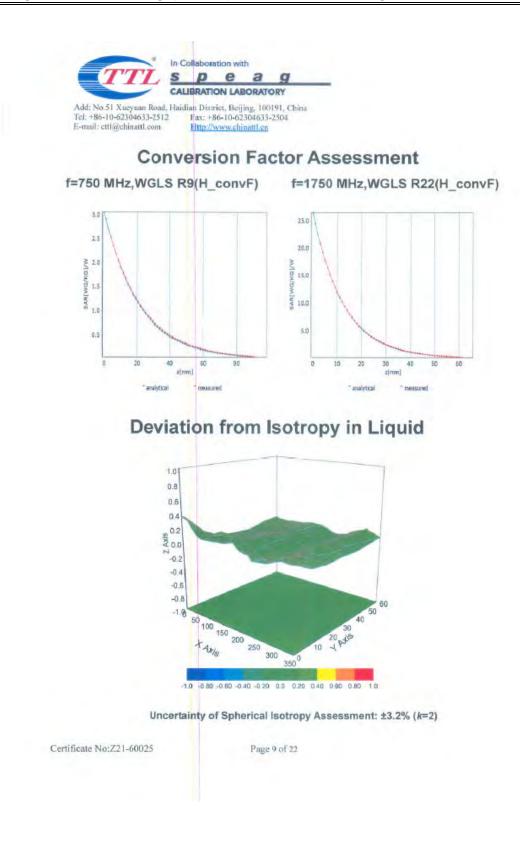




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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	UncE (k=2)
0		CVV	CW	0.00	±4.7 9
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	±9.6 %
0011	CAB	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6 %
0012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.69
0013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN		
0021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.46	±9.6 9
0023	DAC	GPRS-FOD (TDMA, GMSK, TN 0)	GSM	9.39	±9.6
10024	DAC	GPRS-FOD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.65
10025	DAG	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	± 9.6 9
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	
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)			± 9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	3.55	± 9.6 °
10029	CAA		GSM	7.78	± 9.6
10031		IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	± 9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetopth	1.87	± 9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	± 9.6
	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7,74	± 9.6
10034	CAA	IEEE 802.15.1 Bluelooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	± 9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	± 9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	± 9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6
10038	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 9
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	DAG	EDGE-FDD (TDMA, 8P3K, TN 0-1-2-3)	GSM	6.52	1 9.6 °
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 9
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 9.6 9
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	± 9.6 1
10062	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 9
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 9
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 9
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 5
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6 9
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 1
10068	CAD	IEEE 802.11 a/h WIFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 1
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 %
10072	CAB	IEEE 802.11g WIFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 %
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	± 9.6 *
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	± 9.6 *
10075	CAB	IEEE 802.11g WIFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	± 9.6
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	± 9.6 %
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	± 9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 9
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 %
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	2 9.6 4
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	± 9.6 9
0098	DAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %
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 9
10101	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %

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 10102
 CAB
 LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)

 10103
 DAC
 LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 0PSK)

 10104
 CAE
 LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)

 10105
 CAE
 LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)

 10108
 CAE
 LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)

 10109
 CAG
 LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)

 10109
 CAG
 LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)

 10110
 CAG
 LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)

 10111
 CAG
 LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)

 10111
 CAG
 LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)

 10111
 CAG
 LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)

 101112
 CAG
 LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)
 LTE-FDD LTE-TDD LTE-TDD LTE-TDD LTE-FDD LTE-FDD LTE-FDD LTE-FDD

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, QPSK)	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-FDD	5.80	±9.6 %
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6%
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAG	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	19.6 %
10115	CAG	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-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	± 9.6 %
10118	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-FDD	6.49	±9.6 %
10141	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
0142	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)			
0142	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	5.73	± 9.6 %
0144	CAC	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
0145	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	6.65	± 9.6 %
0146	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	5.76	± 9.6 %
0147	CAC	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	8.72	± 9.6 %
0150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.42	± 9.6 %
0151	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	6.60	±9.6%
0152	CAE		LTE-TDD	9.28	±9.6 %
0153	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	9.92	±9.6 %
0154	CAF	TE EDD (SC EDMA, 50% RB, 20 MHZ, 64-QAM)	LTE-TDD	10.05	± 9.6 %
0155	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
0155	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6 %
0157	CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.8 %
0158		LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
0159	CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
0160	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
0161	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
0162	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6,58	± 9.6 %
0166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
0167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
0168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
0169	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
0170	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
0171	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz 64-QAM)	LTE-FDD	6.49	± 9.6 %
0172	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz. QPSK)	LTE-TDD	9.21	± 9.6 %
0173	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
0174	CAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
0175	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
0176	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
D177	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
0178	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
0179	AAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
0180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
0181	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
0182	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	8.52	± 9.6 %
0183	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
0184	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
	CAL	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 18-QAM)	LTE-FDD	6.51	19.6 %
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| 0194 AAD 0195 CAE 0196 CAE 0197 AAE 0198 CAF 00197 AAE 0198 CAF 00210 AAE 00221 CAC 00222 CAC 00223 CAD 00224 CAD 00225 CAD 00226 CAD 00227 CAD 00228 CAD 00229 DAC 00230 CAC 00231 CAC 00232 CAD 00233 CAD 00234 CAD 00235 CAD 00236 CAD 00237 CAD 00238 CAB 0241 CAB 0242 CAD 0243 CAD 0244 CAD 0245 CAG 0244 CAG 0245 <

 | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)
LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)
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IEEE 802.11n (HT Greenfield, 65 Mbps, 16-QAM)
IEEE 802.11n (HT Greenfield, 65 Mbps, 16-QAM)
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IEEE 802.11n (HT Mixed, 36 Mbps, 16-QAM)
IEEE 802.11n (HT Mixed, 36 Mbps, 16-QAM)
IEEE 802.11n (HT Mixed, 37 Mbps, 16-QAM)
IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)
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IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM)
IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM)
IEEE 802.11n (HT Mixed, 7.5 Mbps, 64-QAM)
IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)
ITE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)
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ITE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)
ITE-TDD (SC-FDMA, 1 RB, 3 MHz,
0PSK)
ITE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
ITE-TDD (SC-FDMA, 1 RB, 5 MHz, 0PSK)
ITE-TDD (SC-FDMA, 1 RB, 16 MHz, 04-QAM)
ITE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 04-QAM)
ITE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 04-QAM)
ITE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 04-QAM)
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 | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)
IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)
IEEE 802.11n (HT Greenfield, 39 Mbps, 64-QAM)
IEEE 802.11n (HT Mixed, 6.5 Mbps, 8PSK)
IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)
IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)
IEEE 802.11n (HT Mixed, 7.2 Mbps, 8PSK)
IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM)
IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM)
IEEE 802.11n (HT Mixed, 15 Mbps, 16-QAM)
IEEE 802.11n (HT Mixed, 15 Mbps, 64-QAM)
IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)
IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)
IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)
IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)
IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)
IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)
IEET-DD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)
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ITE-TDD (SC-FDMA, 1 RB, 5 MHz, 0PSK)
ITE-TDD (SC-FDMA, 1 RB, 10 MHz, 0PSK)
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 | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 65 Mbps, BPSK) IEEE 802.11n (HT Mixed, 65 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 68 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 7.2 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 15 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) UMTS-FDD (HSPA+) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 10
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 | IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 65 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 38 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 7.2 Mbps, 8PSK) IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 7.5 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) UMTS-FDD (HSPA+) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0PSK)
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| 0196 CAE 0197 AAE 0198 CAF 01219 CAF 0220 AAF 0221 CAC 0222 CAC 0223 CAD 0224 CAD 0225 CAD 0226 CAD 0227 CAD 0228 CAD 0229 DAC 0220 DAC 0227 CAD 0228 CAD 0229 DAC 0230 CAC 0231 CAC 0233 CAD 0234 CAD 0235 CAD 0236 CAD 0237 CAD 0238 CAB 0240 CAB 0241 CAB 0242 CAD 0243 CAG 0244 CAG 0245 CAG 0246 CAG <td>IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 15 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 15 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0PSK)</td> <td>WLAN
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 | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 7.2 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 15 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 15 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0PSK)
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 | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 85 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 72 Mbps, BPSK) IEEE 802.11n (HT Mixed, 72 Mbps, BPSK) IEEE 802.11n (HT Mixed, 72 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 75.2 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) IEEE 802.11n (HT Mixed, 15 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) UMTS-FDD (HSPA+) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 16 MHz, 0PSK)
LTE-TDD (SC-FDMA, 1 RB, 16 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 16 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0PSK) LTE-TDD (| WLAN
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 | IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)
IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)
IEEE 802.11n (HT Mixed, 7.2 Mbps, 16-QAM)
IEEE 802.11n (HT Mixed, 72.2 Mbps, 16-QAM)
IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)
IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)
IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)
IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)
UMTS-FDD (HSPA+)
LTE-TDD (SC-FDMA, 178, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 178, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 178, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 178, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 178, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 178, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 178, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 178, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 178, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 178, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 178, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 178, 16 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 178, 16 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 178, 16 MHz, 16-QAM)
LTE-TDD (SC-FDMA,
178, 15 MHz, QPSK)
LTE-TDD (SC-FDMA, 178, 16 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 178, 15 MHz, QPSK)
LTE-TDD (SC-FDMA, 178, 15 MHz, QPSK)
LTE-TDD (SC-FDMA, 178, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)
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 | IEEE 802 11n (HT Mixed, 7.2 Mbps, BPSK) IEEE 802 11n (HT Mixed, 43.3 Mbps, 16-QAM) IEEE 802 11n (HT Mixed, 43.3 Mbps, 16-QAM) IEEE 802 11n (HT Mixed, 72.2 Mbps, 64-QAM) IEEE 802 11n (HT Mixed, 15 Mbps, BPSK) IEEE 802 11n (HT Mixed, 150 Mbps, 16-QAM) IEEE 802 11n (HT Mixed, 150 Mbps, 64-QAM) UMTS-FDD (HSPA+) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM) LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 04-QAM) LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz,
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 | IEEE 802 11n (HT Mixed, 43.3 Mbps, 16-QAM) IEEE 802 11n (HT Mixed, 72.2 Mbps, 64-QAM) IEEE 802 11n (HT Mixed, 15 Mbps, BPSK) IEEE 802 11n (HT Mixed, 15 Mbps, 16-QAM) IEEE 802 11n (HT Mixed, 150 Mbps, 16-QAM) IEEE 802 11n (HT Mixed, 150 Mbps, 64-QAM) IEEE 802 11n (HT Mixed, 150 Mbps, 64-QAM) UMTS-FDD (HSPA+) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0PSK) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0PSK)
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 | IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) UMTS-FDD (HSPA+) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM) LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 04-QAM)
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IEEE 802 11n (HT Mixed, 90 Mbps, 16-QAM)
IEEE 802 11n (HT Mixed, 150 Mbps, 64-QAM)
UMTS-FDD (HSPA+)
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)
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 | IEEE 802 11n (HT Mixed, 15 Mbps, BPSK)
IEEE 802 11n (HT Mixed, 90 Mbps, 16-QAM)
IEEE 802 11n (HT Mixed, 150 Mbps, 64-QAM)
UMTS-FDD (HSPA+)
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 0PSK)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 064-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0 PSK)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0 PSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 0 PSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 0 PSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0A-QAM)
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50% RB, 5 MHZ, 0A-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0PSK)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 5 MHZ, 05-Q</td><td>LTE-TDD LTE-TDD LTE-TDD</td><td>9.48
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9.91</td><td>$\begin{array}{c} \pm 9.6 \ \% \\ \pm 9.6 \ \% \\$</td></tr> <tr><td>0233 CAD 0234 CAD 0235 CAD 0236 CAD 0237 CAD 0238 CAB 0239 CAB 0239 CAB 0240 CAB 0241 CAB 0242 CAD 0243 CAD 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0249 CAG 0250 CAF 0251 CAF 0252 CAF 0253 CAF 0254 CAB 0255 CAB 0256 CAB</td><td>LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 06-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 07SK)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 04-QAM)
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LTE-TDD
LTE-TDD</td><td>10.25
9.21
9.48
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9.91</td><td>$\begin{array}{c} \pm 9.6 \ \% \\ \pm 9.8 \ \% \\ \pm 10.8 \$</td></tr> <tr><td>0234 CAD 00235 CAD 00236 CAD 00237 CAD 00238 CAB 00239 CAB 00240 CAB 00241 CAB 00242 CAD 00243 CAD 00244 CAD 00245 CAG 00246 CAG 0247 CAG 0248 CAG 0249 CAG 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0250 CAF 0251 CAF 0252 CAF 0253 CAF 0255 CAB 0255 CAB 0256 CAB</td><td>LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)</td><td>LTE-TDD
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LTE-TDD</td><td>9.21
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9.91</td><td>$\begin{array}{c} \pm 9.6 \ \% \\ \pm 9.8 \ \% \\ \pm 10.8 \$</td></tr> <tr><td>10236 CAD 10236 CAD 10237 CAD 10238 CAB 10239 CAB 10239 CAB 10239 CAB 10240 CAB 10241 CAD 10242 CAD 10243 CAD 10244 CAD 10245 CAG 10246 CAG 10247 CAG 10248 CAG 10249 CAG 10249 CAG 10249 CAG 10250 CAF 10252 CAF 10252 CAF 10253 CAF 10254 CAB 10255 CAB 10256 CAB</td><td>LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 0A-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0A-QAM)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0A-QAM)</td><td>LTE-TDD
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LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 46-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 46-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 46-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 46-QAM)</td><td>LTE-TDD
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LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 18, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 MHz, 04-QAM)
LTE-TDD
(SC-FDMA, 50% RB, 1 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)</td><td>LTE-TDD
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LTE-TDD</td><td>9.21
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LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 A MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)</td><td>LTE-TDD
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LTE-TDD</td><td>9.48
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± 9.8 %</td></tr> <tr><td>0240 CAB 0241 CAB 0242 CAD 0243 CAD 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0249 CAG 0250 CAG 0251 CAF 0252 CAF 0253 CAF 0255 CAB 0255 CAB 0255 CAB 0255 CAB</td><td>LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)</td><td>LTE-TDD
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± 9.8 %</td></tr> <tr><td>0241 CAB 0242 CAD 0243 CAD 0244 CAD 0243 CAD 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0250 CAG 0251 CAF 0252 CAF 0253 CAF 0255 CAB 0255 CAB 0255 CAB</td><td>LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)</td><td>LTE-TDD
LTE-TDD
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LTE-TDD
LTE-TDD
LTE-TDD</td><td>9.82
9.86
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9.91</td><td>± 9.6 %
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LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)</td><td>LTE-TDD
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LTE-TDD</td><td>9.86
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9.91</td><td>± 9.6 %
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± 9.6 %</td></tr> <tr><td>0243 CAD 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0250 CAG 0251 CAF 0252 CAF 0253 CAF 0254 CAB 0255 CAF 0256 CAB 0255 CAF</td><td>LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)</td><td>LTE-TDD
LTE-TDD
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LTE-TDD</td><td>9.46
10.06
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9.91</td><td>± 9.6 %
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LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)</td><td>LTE-TDD
LTE-TDD
LTE-TDD
LTE-TDD
LTE-TDD</td><td>10.06
10.06
9.30
9.91</td><td>± 9.6 %
± 9.6 %
± 9.6 %</td></tr> <tr><td>0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0251 CAF 0252 CAF 0253 CAF 0255 CAB 0255 CAB 0255 CAB</td><td>LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)</td><td>LTE-TDD
LTE-TDD
LTE-TDD
LTE-TDD</td><td>10.06
9.30
9.91</td><td>± 9.6 %
± 9.6 %</td></tr> <tr><td>0246 CAG 0247 CAG 0248 CAG 0249 CAG 0250 CAG 0251 CAF 0252 CAF 0253 CAF 0254 CAB 0255 CAB 0256 CAB</td><td>LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)</td><td>LTE-TDD
LTE-TDD
LTE-TDD</td><td>9.30
9.91</td><td>± 9.6 %</td></tr> <tr><td>0247 CAG
0248 CAG
0249 CAG
0250 CAG
0251 CAF
0252 CAF
0252 CAF
0253 CAF
0254 CAB
0255 CAB
0255 CAB</td><td>LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)</td><td>LTE-TDD
LTE-TDD</td><td>9.91</td><td></td></tr> <tr><td>0248 CAG 0249 CAG 0250 CAG 0251 CAF 0252 CAF 0253 CAF 0254 CAB 0255 CAB 0256 CAB</td><td></td><td>LTE-TDD</td><td></td><td></td></tr> <tr><td>0249 CAG
0250 CAG
0251 CAF
0252 CAF
0253 CAF
0254 CAB
0255 CAB
0256 CAB</td><td>LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)</td><td></td><td></td><td>± 9.6 %</td></tr> <tr><td>0250 CAG
0251 CAF
0252 CAF
0253 CAF
0254 CAB
0255 CAB
0256 CAB</td><td>a been seen to be the second second</td><td></td><td>10.09</td><td>± 9.6 %</td></tr> <tr><td>0251 CAF
0252 CAF
0253 CAF
0254 CAB
0255 CAB
0256 CAB</td><td>LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)</td><td>LTE-TDD</td><td>9.29</td><td>± 9.6 %</td></tr> <tr><td>0252 CAF
0253 CAF
0254 CAB
0255 CAB
0256 CAB</td><td>LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)</td><td>LTE-TDD</td><td>9.81</td><td>± 9.6 %</td></tr> <tr><td>0253 CAF
0254 CAB
0255 CAB
0256 CAB</td><td>LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)</td><td>LTE-TDD</td><td>9.24</td><td>± 9.6 %</td></tr> <tr><td>0254 CAB
0255 CAB
0256 CAB</td><td>LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)</td><td>LTE-TDD
LTE-TDD</td><td>9.24</td><td>± 9.6 %</td></tr> <tr><td>0255 CAB
0256 CAB</td><td>LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)</td><td>LTE-TDD</td><td>10.14</td><td>± 9.6 %</td></tr> <tr><td>0256 CAB</td><td>LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)</td><td>LTE-TDD</td><td>9.20</td><td>± 9.6 %</td></tr> <tr><td></td><td>LTE-TDD (SC-FDMA, 50% RB, 13 MHz,
GFSR)</td><td>LTE-TDD</td><td>9.20</td><td>19.6 %</td></tr> <tr><td></td><td>LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)</td><td>LTE-TDD</td><td>10.08</td><td>± 9.6 %</td></tr> <tr><td>0258 CAD</td><td>LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)</td><td>LTE-TDD</td><td>9,34</td><td>± 9.6 %</td></tr> <tr><td>0259 CAD</td><td>LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)</td><td>LTE-TDD</td><td>9.98</td><td>19.6 %</td></tr> <tr><td>0260 CAG</td><td>LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)</td><td>LTE-TDD</td><td>9.97</td><td>± 9.6 %</td></tr> <tr><td>0261 CAG</td><td>LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)</td><td>LTE-TDD</td><td>9.24</td><td>± 9.6 %</td></tr> <tr><td>0262 CAG</td><td>LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)</td><td>LTE-TDD</td><td>9.83</td><td>± 9.6 %</td></tr> <tr><td>0263 CAG</td><td>LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)</td><td>LTE-TDD</td><td>10.16</td><td>± 9.6 %</td></tr> <tr><td>10264 CAG</td><td>LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)</td><td>LTE-TDD</td><td>9.23</td><td>19.6%</td></tr> <tr><td>0265 CAG</td><td>LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)</td><td>LTE-TDD</td><td>9.92</td><td>± 9.6 %</td></tr> <tr><td>10266 CAF</td><td>LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)</td><td>LTE-TDD</td><td>10.07</td><td>± 9.6 %</td></tr> <tr><td>10267 CAF</td><td></td><td>LTE-TDD</td><td>9.30</td><td>± 9.6 %</td></tr> <tr><td>10268 CAF</td><td>LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)</td><td></td><td>10.06</td><td>± 9.6 %</td></tr> | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) UMTS-FDD (HSPA+) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 1 RB, 16 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0-QMI) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0-QMI) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0-QMI) | WLAN WLAN WCDMA LTE-TDD | 8.48
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LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 0PSK)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz,
04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 A MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 A MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 0PSK)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)
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(SC-FDMA, 1 RB, 10 MHz, 0 PSK)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0 PSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 0 PSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 0 PSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0 PSK)
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LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 0PSK)
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LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 06-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 07SK)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 16-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 0A-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz,
16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 46-QAM)
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LTE-TDD (SC-FDMA, 18, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 A MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
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LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0PSK)
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LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
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LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
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LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
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± 9.6 % | 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0250 CAG 0251 CAF 0252 CAF 0253 CAF 0255 CAB 0255 CAB 0255 CAB 0255 CAB 0255 CAB 0255 CAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-TDD
LTE-TDD
LTE-TDD
LTE-TDD
LTE-TDD | 10.06
10.06
9.30
9.91 | ± 9.6 %
± 9.6 %
± 9.6 % | 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0251 CAF 0252 CAF 0253 CAF 0255 CAB 0255 CAB 0255 CAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-TDD
LTE-TDD
LTE-TDD
LTE-TDD | 10.06
9.30
9.91 | ± 9.6 %
± 9.6 % | 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0250 CAG 0251 CAF 0252 CAF 0253 CAF 0254 CAB 0255 CAB 0256 CAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-TDD
LTE-TDD
LTE-TDD | 9.30
9.91 | ± 9.6 % | 0247 CAG
0248 CAG
0249 CAG
0250 CAG
0251 CAF
0252 CAF
0252 CAF
0253 CAF
0254 CAB
0255 CAB
0255 CAB | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-TDD
LTE-TDD | 9.91 | | 0248 CAG 0249 CAG 0250 CAG 0251 CAF 0252 CAF 0253 CAF 0254 CAB 0255 CAB 0256 CAB | | LTE-TDD | | | 0249 CAG
0250 CAG
0251 CAF
0252 CAF
0253 CAF
0254 CAB
0255 CAB
0256 CAB | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | | | ± 9.6 % | 0250 CAG
0251 CAF
0252 CAF
0253 CAF
0254 CAB
0255 CAB
0256 CAB | a been seen to be the second | | 10.09 | ± 9.6 % | 0251 CAF
0252 CAF
0253 CAF
0254 CAB
0255 CAB
0256 CAB | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-TDD | 9.29 | ± 9.6 % | 0252 CAF
0253 CAF
0254
CAB
0255 CAB
0256 CAB | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-TDD | 9.81 | ± 9.6 % | 0253 CAF
0254 CAB
0255 CAB
0256 CAB | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | LTE-TDD | 9.24 | ± 9.6 % | 0254 CAB
0255 CAB
0256 CAB | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | LTE-TDD
LTE-TDD | 9.24 | ± 9.6 % | 0255 CAB
0256 CAB | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.14 | ± 9.6 % | 0256 CAB | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-TDD | 9.20 | ± 9.6 % | | LTE-TDD (SC-FDMA, 50% RB, 13 MHz, GFSR) | LTE-TDD | 9.20 | 19.6 % | | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10.08 | ± 9.6 % | 0258 CAD | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-TDD | 9,34 | ± 9.6 % | 0259 CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | LTE-TDD | 9.98 | 19.6 % | 0260 CAG | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | LTE-TDD | 9.97 | ± 9.6 % | 0261 CAG | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-TDD | 9.24 | ± 9.6 % | 0262 CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-TDD | 9.83 | ± 9.6 % | 0263 CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) | LTE-TDD | 10.16 | ± 9.6 % | 10264 CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-TDD | 9.23 | 19.6% | 0265 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-TDD | 10.07 | ± 9.6 % | 10267 CAF | | LTE-TDD | 9.30 | ± 9.6 % | 10268 CAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | | 10.06 | ± 9.6 % |
| IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) UMTS-FDD (HSPA+) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 1 RB, 16 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 0-QPSK) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0-QMI) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0-QMI) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0-QMI)

 | WLAN WLAN WCDMA LTE-TDD
 | 8.48
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9.86
9.46
10.06
10.06
10.06 | $\begin{array}{c} \pm 9.6 \ \% \\ \pm 9.6 \ \% \\$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 0224 CAD 0225 CAD 0226 CAD 0227 CAD 0228 CAD 0229 DAC 0223 CAD 0230 CAC 0231 CAC 0232 CAD 0233 CAD 0234 CAD 0235 CAD 0236 CAD 0237 CAD 0238 CAB 0239 CAB 0240 CAB 0241 CAD 0242 CAD 0243 CAD 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0249 CAG 0250 CAF 0252 CAF 0252 CAF 0255 CAB 0255 CAB <td>IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) UMTS-FDD (HSPA+) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 06-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 06-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 06-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 06-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 02-SK) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 02-SK) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 02-SK) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 02-SK) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 02-SK) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 02-SK) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 02-QAM) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM) <</td> <td>WLAN WCDMA LTE-TDD LTE-TDD</td> <td>8.08
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 | IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) UMTS-FDD (HSPA+) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 06-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 06-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 06-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 06-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 02-SK) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 02-SK) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 02-SK) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 02-SK) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 02-SK) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 02-SK) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 02-QAM) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM) <
 | WLAN WCDMA LTE-TDD | 8.08
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| 00226 CAD 00226 CAD 00227 CAD 00228 CAD 00229 DAC 00229 DAC 00230 CAC 00231 CAC 00232 CAD 00233 CAD 00234 CAD 00235 CAD 00236 CAD 00237 CAD 00238 CAB 00240 CAB 00241 CAB 00242 CAD 00243 CAD 00244 CAD 00245 CAG 00246 CAG 00247 CAG 00248 CAG 00249 CAG 00240 CAG 00250 CAG 00250 CAF 00251 CAF 0252 CAF 0253 CAF 0255 CAB 0255

 | UMTS-FDD (HSPA+)
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 0PSK)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% R
 | WCDMA LTE-TDD | 5.97
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10.25
9.21
9.82
9.86
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10.06
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9.91 | $\begin{array}{c} \pm 9.6 \ \% \\ \pm 9.6 \ \% \\$ | | | | |
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| 0226 CAD 0227 CAD 0228 CAD 0229 DAC 0229 DAC 0220 CAC 0231 CAC 0232 CAD 0233 CAD 0234 CAD 0235 CAD 0236 CAD 0237 CAD 0238 CAB 0239 CAB 0240 CAB 0241 CAD 0242 CAD 0243 CAD 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0245 CAG 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0250 CAF 0251 CAF <trr></trr>

 | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHZ, 04-QAM)
LTE-TDD (SC
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10.06 | $\begin{array}{c} \pm 9.6 \ \% \\ \pm 9.6 \ \% \\$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 0227 CAD 0228 CAD 0229 DAC 0230 CAC 0231 CAC 0232 CAD 0233 CAD 0234 CAD 0235 CAD 0236 CAD 0237 CAD 0238 CAB 0239 CAB 0240 CAB 0241 CAD 0242 CAD 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0245 CAG 0246 CAG 0250 CAF 0252 CAF 0253 CAF 0255 CAB 0255 CAB <td>LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 04-QAM)</td> <td>LTE-TDD LTE-TDD LTE-TDD</td> <td>10.26
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9.30</td> <td>$\begin{array}{c} \pm 9.6 \ \% \\ \pm 9.6 \ \% \\$</td>

 | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 04-QAM) | LTE-TDD | 10.26
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 | $\begin{array}{c} \pm 9.6 \ \% \\ \pm 9.6 \ \% \\$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 0228 CAD 00229 DAC 00230 CAC 00231 CAC 00232 CAD 00233 CAD 00234 CAD 00235 CAD 00236 CAD 00237 CAD 00238 CAB 00239 CAB 00238 CAB 00239 CAB 00240 CAB 00241 CAD 0242 CAD 0243 CAD 0244 CAD 0245 CAG 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0240 CAG 0241 CAG 0242 CAG 0243 CAG 0244 CAG 0250 CAF 0252 CA

 | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 064-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 04-QAM)
LTE
 | LTE-TDD | 9.22
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| 0229 DAC 00230 CAC 0231 CAC 0232 CAD 0233 CAD 0234 CAD 0235 CAD 0236 CAD 0237 CAD 0238 CAB 0239 CAB 0240 CAB 0241 CAB 0242 CAD 0243 CAD 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0250 CAG 0251 CAF 0252 CAF 0253 CAF 0255 CAB 0255 CAB 0256 CAB <td>LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 0PSK)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 A MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 A MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 04-QAM)
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 | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 0PSK)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 A MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 A MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 04-QAM)
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| 0230 CAC 0231 CAC 0232 CAD 0233 CAD 0233 CAD 0234 CAD 0235 CAD 0236 CAD 0237 CAD 0238 CAB 0239 CAB 0240 CAB 0241 CAD 0242 CAD 0243 CAD 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0250 CAF 0251 CAF 0252 CAF 0253 CAF 0255 CAB 0256 CAB

 | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0 PSK)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0 PSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 0 PSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 0 PSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0 PSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0 PSK)
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9.91 | $\begin{array}{c} \pm 9.6 \ \% \\ \pm 9.6 \ \% \\$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 0231 CAC 0232 CAD 0233 CAD 0234 CAD 0235 CAD 0236 CAD 0237 CAD 0238 CAB 0237 CAD 0238 CAB 0240 CAB 0241 CAD 0242 CAD 0243 CAD 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0248 CAG 0249 CAG 0250 CAF 0252 CAF 0253 CAF 0255 CAB 0255 CAB 0256 CAB

 | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0A-QAM)
LTE-TDD (SC-FDMA, 50% RB, 5 MHZ, 0A-QAM)
LTE-TDD (SC-FDMA
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LTE-TDD | 9.19
9.48
10.25
9.21
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9.91 | $\begin{array}{c} \pm 9.6 \ \% \\ \end{array}$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 0232 CAD 0233 CAD 0234 CAD 0235 CAD 0236 CAD 0237 CAD 0238 CAB 0239 CAB 0239 CAB 0240 CAB 0241 CAB 0242 CAD 0243 CAD 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0250 CAG 0251 CAF 0252 CAF 0253 CAF 0254 CAB 0255 CAB 0255 CAB 0255 CAB 0255 CAB 0255 CAB 0256 CAB

 | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0PSK)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 5 MHZ, 05-Q
 | LTE-TDD | 9.48
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| 0233 CAD 0234 CAD 0235 CAD 0236 CAD 0237 CAD 0238 CAB 0239 CAB 0239 CAB 0240 CAB 0241 CAB 0242 CAD 0243 CAD 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0249 CAG 0250 CAF 0251 CAF 0252 CAF 0253 CAF 0254 CAB 0255 CAB 0256 CAB

 | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 06-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 07SK)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)
 | LTE-TDD
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 | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
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 | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 0A-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0A-QAM)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0A-QAM)
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 | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 14 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 46-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 46-QAM)
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LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 46-QAM)
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 | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 18, 15 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 MHz, 04-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)
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LTE-TDD | 9.21
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 | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 A MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)
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| 0240 CAB 0241 CAB 0242 CAD 0243 CAD 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0249 CAG 0250 CAG 0251 CAF 0252 CAF 0253 CAF 0255 CAB 0255 CAB 0255 CAB 0255 CAB

 | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0PSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)
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| 0241 CAB 0242 CAD 0243 CAD 0244 CAD 0243 CAD 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0250 CAG 0251 CAF 0252 CAF 0253 CAF 0255 CAB 0255 CAB 0255 CAB

 | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)
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LTE-TDD | 9.82
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± 9.6 %
± 9.6 %
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| 10242 CAD 10243 CAD 10244 CAD 10245 CAG 10246 CAG 10247 CAG 10248 CAG 10249 CAG 10249 CAG 10249 CAG 10250 CAF 10252 CAF 10253 CAF 10254 CAB 10255 CAB 10255 CAB

 | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)
 | LTE-TDD
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LTE-TDD | 9.86
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9.91 | ± 9.6 %
± 9.6 %
± 9.6 %
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| 0243 CAD 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0250 CAG 0251 CAF 0252 CAF 0253 CAF 0254 CAB 0255 CAF 0256 CAB 0255 CAF

 | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)
 | LTE-TDD
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LTE-TDD | 9.46
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9.91 | ± 9.6 %
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| 0244 CAD 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0250 CAG 0251 CAF 0252 CAF 0253 CAF 0255 CAB 0255 CAB 0255 CAB 0255 CAB 0255 CAB 0255 CAB

 | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)
 | LTE-TDD
LTE-TDD
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LTE-TDD | 10.06
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| 0245 CAG 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0251 CAF 0252 CAF 0253 CAF 0255 CAB 0255 CAB 0255 CAB

 | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)
 | LTE-TDD
LTE-TDD
LTE-TDD
LTE-TDD | 10.06
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| 0246 CAG 0247 CAG 0248 CAG 0249 CAG 0250 CAG 0251 CAF 0252 CAF 0253 CAF 0254 CAB 0255 CAB 0256 CAB

 | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)
 | LTE-TDD
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LTE-TDD | 9.30
9.91 | ± 9.6 %
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| 0247 CAG
0248 CAG
0249 CAG
0250 CAG
0251 CAF
0252 CAF
0252 CAF
0253 CAF
0254 CAB
0255 CAB
0255 CAB

 | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)
 | LTE-TDD
LTE-TDD | 9.91 |
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 | LTE-TDD | |
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| 0249 CAG
0250 CAG
0251 CAF
0252 CAF
0253 CAF
0254 CAB
0255 CAB
0256 CAB

 | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)
 | | | ± 9.6 %
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| 0250 CAG
0251 CAF
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0253 CAF
0254 CAB
0255 CAB
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 | a been seen to be the second
 | | 10.09 | ± 9.6 %
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| 0251 CAF
0252 CAF
0253 CAF
0254 CAB
0255 CAB
0256 CAB

 | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)
 | LTE-TDD | 9.29 | ± 9.6 %
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| 0252 CAF
0253 CAF
0254 CAB
0255 CAB
0256 CAB

 | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)
 | LTE-TDD | 9.81 | ± 9.6 %
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| 0253 CAF
0254 CAB
0255 CAB
0256 CAB

 | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)
 | LTE-TDD | 9.24 | ± 9.6 %
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| 0254 CAB
0255 CAB
0256 CAB

 | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)
LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)
 | LTE-TDD
LTE-TDD | 9.24 | ± 9.6 %
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| 0255 CAB
0256 CAB

 | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)
 | LTE-TDD | 10.14 | ± 9.6 %
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| 0256 CAB

 | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)
 | LTE-TDD | 9.20 | ± 9.6 %
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 | LTE-TDD (SC-FDMA, 50% RB, 13 MHz, GFSR)
 | LTE-TDD | 9.20 | 19.6 %
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 | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)
 | LTE-TDD | 10.08 | ± 9.6 %
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| 0258 CAD

 | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)
 | LTE-TDD | 9,34 | ± 9.6 %
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| 0259 CAD

 | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)
 | LTE-TDD | 9.98 | 19.6 %
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| 0260 CAG

 | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)
 | LTE-TDD | 9.97 | ± 9.6 %
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| 0261 CAG

 | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)
 | LTE-TDD | 9.24 | ± 9.6 %
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| 0262 CAG

 | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)
 | LTE-TDD | 9.83 | ± 9.6 %
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| 0263 CAG

 | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)
 | LTE-TDD | 10.16 | ± 9.6 %
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| 10264 CAG

 | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)
 | LTE-TDD | 9.23 | 19.6%
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| 0265 CAG

 | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)
 | LTE-TDD | 9.92 | ± 9.6 %
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| 10266 CAF

 | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)
 | LTE-TDD | 10.07 | ± 9.6 %
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| 10267 CAF

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 | LTE-TDD | 9.30 | ± 9.6 %
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| 10268 CAF

 | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)
 | | 10.06 | ± 9.6 %
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	In Co	labora	tion wit	h		
TTL	s	p	e	a	g	
	CALIBRATION LABORATORY					
Add No.51 Xueyuan Road	Haidis	an Distr	ict Reij	ine 100	191 China	

Tel: +86-10-62304633-2512 E-mail: ettl@chinattl.com Fax: +86-10-62304633-2504 Http://www.chinattl.cn

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, QPSK)	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	±9.69
10279	CAG	PHS (QPSK, BW 884MHz, Rolloff 0.38)	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	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 9
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-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)	WIMAX	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, OPSK, PUSC)	WIMAX	14.49	± 9.6 %
10308	AAB	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WIMAX	14.46	± 9.6 9
10309	AAB	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3)	WIMAX	14.58	± 9.6 9
10310	AAB	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3)	WIMAX	14.57	± 9.6 9
10311	AAB	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	
10313	AAD	IDEN 1:3			± 9.6 %
10314	AAD	IDEN 13	IDEN	10.51	± 9.6 %
10315	AAD		IDEN	13.48	± 9.6 %
10316	AAD	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	± 9.6 %
10310	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10352	AAA	IEEE 802.11a WIFI 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 %
10353		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	± 9.6.9
10388	AAA	QPSK Waveform, 10 MHz	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, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 9
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	GDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6 %
0404	AAB	GDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.17	± 9.6 %
10406	AAD	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %
10410	AAA	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
0414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN	1.54	± 9.6 9
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 9
0417	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9,6 9
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	± 9.6 9
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	± 9.8 %
10423	AAA	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
		IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6%
10424	AAE	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %

Certificate No:Z21-60025

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		CALIBRATION LABORATORY			
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10427	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
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-TM 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 10447	AAA	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub) LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.82	±9.6
10448	AAA	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD LTE-FDD	7.56	±9.6 ±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) UMTS-FDD (WCDMA, AMR)	CDMA2000 WCDMA	8.25	± 9.6 ± 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	± 9.6
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6
10467	AAA	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.32	± 9.6
10470	AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 04-QAM, 0L Sub)	LTE-TDD	8.56	± 9.6 ± 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-TDD	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 10478	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.32	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 1785, 20 MHz, 04-0AW, 0E S00)	LTE-TDD 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-TDD	8.45	± 9.6
10482	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	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 Sub)	LTE-TDD	8.47	± 9.6
10485	AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	7.59	± 9.6
10460	AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHZ, 16-QAM, UL Sub)	LTE-TDD	8.38	± 9.6 ± 9.6
10488	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6
10489	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	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-TDD	7.74	± 9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD		± 9.6
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD LTE-TDD	8.37 8.54	± 9.6 ± 9.6
10497	AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 04-02AM, 0L Sub)	LTE-TDD	7.67	± 9.6
10498	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, GFOR, 0L 040)	LTE-TDD	8.40	± 9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	± 9.6
10500	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6
10501	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6
10502	AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6

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10503	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7,72	± 9.6 %
10504	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	±9.6 %
10505	AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 9
10506	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6 %
10507	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, U. Sub)	LTE-TDD	8.36	± 9.6 %
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, U., Sub)	LTE-TDD	8.55	± 9.6 9
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	19.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 9
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, U, Sub)	LTE-TDD	8.51	± 9.6
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 4
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, U. Sub)	LTE TDD	8.42	± 9.6 9
10514	AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz; 64-QAM, UL Sub)	LTE-TDD	8,45	± 9.6
10515	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 5
10517	AAF	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6 4
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	19.6
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 db)	WLAN	8.27	± 9.6
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6
10525	AAF	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.30	± 9.6
10527	AAF	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN		
10528	AAF			8.21	19.6
10529	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 °
		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
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	± 9.6 9
10535	AAE	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6
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	± 9.6 °
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	± 9.6 °
10541	AAA	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6
10542	AAA	IEEE 802.11ac WIFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6 °
10543	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
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	± 9.6 5
10546	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	±9.61
10547	AAC	IEEE 802.11ac 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 5
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 dc)	WLAN	8.45	± 9.6 1
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 °
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	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 1
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	±9.6 9
10581	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 4
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 5
10564	AAC	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 5
	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 39pc dc)	WLAN	Sec. de bel	- 10 - 10 - 1

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" in	In Collaboration with					
TTL s	p	е	a	g		
C/	LIBRATI	ON LAP	ORATO	ORY		
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E-mail: cttl@chinattl.com	Http://	www.chi	nattl.cn			

10566	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 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-OFDM, 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 %
0570	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
0571	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 %
0575	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
0576	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 %
0578	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
0579	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 %
0582	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
0583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
0584	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
0585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
0586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
0587	AAA	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
0588	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
0589	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 30 Mbps, 90pc dc)	WLAN	8.35	±9.6 %
0590	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 46 Mbps, 90pc dc)	WLAN	8.67	
0591	AAA	IEEE 802.11an (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
0592	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN		
0593	AAA			8,79	± 9,6 %
0594	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
0595	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
0596	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %
	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 9.6 %
0597	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
0599	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	±9.6 %
0600	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10601	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)		8.88	± 9.6 %
		IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
0602	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
0603	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %
0604	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %
0605	AAA	IEEE 802.11n (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	AAC	IEEE 802.11ac WIFI (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
8080	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
0609	AAC	JEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
0610	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6 %
0611	AAC	IEEE 802.11ac WIFI (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
0612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8,77	± 9.6 %
0613	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
0614	AAC	IEEE 802.11ac WIFi (20MHz, MCS7, 90pc dc)	WLAN	8,59	± 9.6 %
0615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
0616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
0617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
0618	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6 %
0619	AAC	IEEE 802,11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 %
0620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6 %
0621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
0622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
0623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	19.6 %
0624	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 %

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10625	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	I WLAN	8.96	± 9.6 %
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	±9.6%
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
0628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	±9.6%
10629	AAC	IEEE 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	19.6 9
0631	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 9
10633	AAC	IEEE 802.11ac WIFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	±9.63
0634	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 9.6 9
0635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
0636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8,83	± 9.6 %
0637	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 %
0639	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 %
0641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
0642	AAC	IEEE 802 11ac WIFI (160MHz, MCS6, 90pc dc)	WLAN	9.06	±9.6 %
0643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
0644	AAC	EEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	±9.6 %
0645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
0646	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2.7)	LTE-TDD	11.96	± 9.6 %
0647	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2.7)	LTE-TDD	11.96	± 9.6 %
0648	AAC	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
0652	AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
0653	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 9
0654	AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
0655	AAC	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 9
0658	AAC	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
0659	AAC	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
0660	AAC	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
0661	AAG	Pulse Waveform (200Hz. 60%)	Test	2.22	± 9.6 %
0662	AAC	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
0670	AAC	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
0671	AAD	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 9
0672	AAD	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %
0673	AAD	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 9
0674	AAD	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
0675	AAD	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8,90	± 9.6 %
0676	AAD	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
0677	AAD	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 9
0678	AAD	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 9
0679	AAD	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
0680	AAD	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
0681	AAG	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
0682	AAF	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
0683	AAA	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 9
0684	AAC	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 9
0685	AAC	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 5
0686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.28	± 9.6 9
0687	AAE	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6.9
0688	AAE	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 9
0689	AAD	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6 9
0690	AAE	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 9
0691	AAB	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
0692	AAA	IEEE 802.11 ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
0693	AAA	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.26	± 0.6 %
0694	AAA	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	±9.69
0695	AAA	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %

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10696	AAA	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	B.91	± 9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
0698	AAA	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
0699	AAA	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
0700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
0701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
0702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	±9.6%
0703	AAA	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
0704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.58	± 9.8 %
0705	AAA	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
0706	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	±9.69
0707	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
0708	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	±9.6%
0709	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	±969
0710	AAC	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
0712	AAC	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	±969
0712	AAC	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 9
0714	AAC	IEEE 802.11ax (40MHz, MCS6, 99pc dc) IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.33	± 9.6 %
0715	AAC	IEEE 802.11ax (40MHz, MCSB, 99pc dc)	WLAN	8.26 8.45	± 9.6 %
0716	AAC	EEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 3
0717	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
0718	AAC	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6 °
0719	AAC	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 1
0720	AAC	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	± 9.6 %
0721	AAC	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	± 9.6 9
0722	AAC	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6 %
0723	AAC	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
0724	AAC	EEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 9
0725	AAC	EEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
0726	AAC	EEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	± 9.6 %
0727	AAC	EEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.66	± 9.6 %
0728	AAC	EEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %
0729	AAC	EEE 802 11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
0730	AAC	EEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
0731	AAC	EEE 802 11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
0732	AAC	EEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	±9.6 %
0733	AAC	EEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
0734	AAC	EEE 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, MCS5, 99pc dc)	WLAN	8.27	± 9.6 9
0737	AAC	EEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 9
0738	AAC	EEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 9
0739	AAC	EEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 9
0740	AAC	EEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 9
0741	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
0742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
0744		IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 9
0745	AAC	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
)746	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc) IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	8.93	± 9.6 9 ± 9.6 9
3740	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dd)	WLAN	9.04	± 9.6 9
0748	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	8.93	± 9.6 9
0749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 9
0750	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	±9.69
0751	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc 0c)	WLAN	8.82	± 9.6 9
0752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.82	± 9.6 9
0753	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	9.00	± 9.6 9
1754	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	8.94	± 9.6 %

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10760 AAC IEEE 802.11ax (10 10757 AAC IEEE 802.11ax (16 10758 AAC IEEE 802.11ax (16 10759 AAC IEEE 802.11ax (16 10760 AAC IEEE 802.11ax (16 10761 AAC IEEE 802.11ax (16 10762 AAC IEEE 802.11ax (16 10763 AAC IEEE 802.11ax (16 10763 AAC IEEE 802.11ax (16 10764 AAC IEEE 802.11ax (16 10765 AAC IEEE 802.11ax (16 10766 AAC IEEE 802.11ax (16 10767 AAC SG NR (CP-OFDM 10768 AAC SG NR (CP-OFDM 10769 AAC SG NR (CP-OFDM 10771 AAC SG NR (CP-OFDM 10772 AAC SG NR (CP-OFDM 10774 AAC SG NR (CP-OFDM 10775 AAC SG NR (CP-OFDM 10776 AAC SG NR (CP-OFDM 10778 AAC SG NR (CP-OFDM				
10757 AAC IEEE 802.11ax (16 10759 AAC IEEE 802.11ax (16 10759 AAC IEEE 802.11ax (16 10760 AAC IEEE 802.11ax (16 10761 AAC IEEE 802.11ax (16 10762 AAC IEEE 802.11ax (16 10763 AAC IEEE 802.11ax (16 10764 AAC IEEE 802.11ax (16 10765 AAC IEEE 802.11ax (16 10766 AAC IEEE 802.11ax (16 10766 AAC IEEE 802.11ax (16 10767 AAC SG NR (CP-OFDM 10768 AAC SG NR (CP-OFDM 10768 AAC SG NR (CP-OFDM 10770 AAC SG NR (CP-OFDM 10771 AAC SG NR (CP-OFDM 10772 AAC SG NR (CP-OFDM 10773 AAC SG NR (CP-OFDM 10774 AAC SG NR (CP-OFDM 10775 AAC SG NR (CP-OFDM 10775 AAC SG NR (CP-OFDM	MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10758 AAC EEE 802.11ax (16 10759 AAC IEEE 802.11ax (16 10760 AAC IEEE 802.11ax (16 10761 AAC IEEE 802.11ax (16 10762 AAC IEEE 802.11ax (16 10763 AAC IEEE 802.11ax (16 10764 AAC IEEE 802.11ax (16 10765 AAC IEEE 802.11ax (16 10764 AAC IEEE 802.11ax (16 10765 AAC IEEE 802.11ax (16 10766 AAC IEEE 802.11ax (16 10767 AAC SG NR (CP-OFDM 10768 AAC SG NR (CP-OFDM 10769 AAC SG NR (CP-OFDM 10770 AAC SG NR (CP-OFDM 10771 AAC SG NR (CP-OFDM 10772 AAC SG NR (CP-OFDM 10774 AAC SG NR (CP-OFDM 10775 AAC SG NR (CP-OFDM 10776 AAC SG NR (CP-OFDM 10778 AAC SG NR (CP-OFDM		WLAN	8.77	± 9.0 %
10769 AAC EEE 802.11ax (16 10760 AAC EEE 802.11ax (16 10761 AAC EEE 802.11ax (16 10762 AAC EEE 802.11ax (16 10763 AAC EEE 802.11ax (16 10764 AAC EEE 802.11ax (16 10765 AAC EEE 802.11ax (16 10766 AAC EEE 802.11ax (16 10766 AAC EEE 802.11ax (16 10767 AAC SG NR (CP-OFDM 10768 AAC SG NR (CP-OFDM 10769 AAC SG NR (CP-OFDM 10770 AAC SG NR (CP-OFDM 10771 AAC SG NR (CP-OFDM 10772 AAC SG NR (CP-OFDM 10773 AAC SG NR (CP-OFDM 10774 AAC SG NR (CP-OFDM 10775 AAC SG NR (CP-OFDM 10776 AAC SG NR (CP-OFDM 10777 AAC SG NR (CP-OFDM 10778 AAC SG NR (CP-OFDM 10780		WLAN	8.77	± 9.6 %
10760 AAC EEE 802.11ax (16 10761 AAC EEE 802.11ax (16 10762 AAC EEE 802.11ax (16 10763 AAC EEE 802.11ax (16 10764 AAC EEE 802.11ax (16 10765 AAC EEE 802.11ax (16 10766 AAC EEE 802.11ax (16 10767 AAC EEE 802.11ax (16 10767 AAC SG NR (CP-OFDM 10768 AAC SG NR (CP-OFDM 10769 AAC SG NR (CP-OFDM 10770 AAC SG NR (CP-OFDM 10771 AAC SG NR (CP-OFDM 10771 AAC SG NR (CP-OFDM 10773 AAC SG NR (CP-OFDM 0774 AAC SG NR (CP-OFDM 0775 AAC SG NR (CP-OFDM 0776 AAC SG NR (CP-OFDM 0777 AAC SG NR (CP-OFDM 0778 AAC SG NR (CP-OFDM 0778 AAC SG NR (CP-OFDM 0780		WLAN	8.69	± 9.6 %
10761 AAC EEE 802 11ax (16 10762 AAC EEE 802 11ax (16 10763 AAC EEE 802 11ax (16 10764 AAC EEE 802 11ax (16 10765 AAC EEE 802 11ax (16 10766 AAC EEE 802 11ax (16 10766 AAC EEE 802 11ax (16 10767 AAC 5G NR (CP-OFDM 10768 AAC 5G NR (CP-OFDM 10769 AAC 5G NR (CP-OFDM 10770 AAC 5G NR (CP-OFDM 10771 AAC 5G NR (CP-OFDM 0772 AAC 5G NR (CP-OFDM 0773 AAC 5G NR (CP-OFDM 0774 AAC 5G NR (CP-OFDM 0775 AAC 5G NR (CP-OFDM 0776 AAC 5G NR (CP-OFDM 0777 AAC 5G NR (CP-OFDM 0778 AAC 5G NR (CP-OFDM 0779 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0786 A		WLAN	8.58	± 9.6 %
10762 AAC EEE 802 11ax (16 10763 AAC EEE 802 11ax (16 10764 AAC EEE 802 11ax (16 10765 AAC EEE 802 11ax (16 10766 AAC EEE 802 11ax (16 10766 AAC EEE 802 11ax (16 10767 AAC SG NR (CP-OFDM 10768 AAC SG NR (CP-OFDM 10769 AAC SG NR (CP-OFDM 10770 AAC SG NR (CP-OFDM 10771 AAC SG NR (CP-OFDM 10772 AAC SG NR (CP-OFDM 10774 AAC SG NR (CP-OFDM 10775 AAC SG NR (CP-OFDM 10776 AAC SG NR (CP-OFDM 10776 AAC SG NR (CP-OFDM 10777 AAC SG NR (CP-OFDM 10778 AAC SG NR (CP-OFDM 10778 AAC SG NR (CP-OFDM 10780 AAC SG NR (CP-OFDM 10781 AAC SG NR (CP-OFDM 10782		WLAN	8.49	±9.6 %
10763 AAC EEE 802 11ax (16 10764 AAC EEE 802 11ax (16 10765 AAC EEE 802 11ax (16 10766 AAC EEE 802 11ax (16 10767 AAC 5G NR (CP-OFDM 10768 AAC 5G NR (CP-OFDM 10769 AAC 5G NR (CP-OFDM 10769 AAC 5G NR (CP-OFDM 10770 AAC 5G NR (CP-OFDM 10771 AAC 5G NR (CP-OFDM 10772 AAC 5G NR (CP-OFDM 10773 AAC 5G NR (CP-OFDM 10774 AAC 5G NR (CP-OFDM 10775 AAC 5G NR (CP-OFDM 10776 AAC 5G NR (CP-OFDM 10777 AAC 5G NR (CP-OFDM 10778 AAC 5G NR (CP-OFDM 10778 AAC 5G NR (CP-OFDM 10780 AAC 5G NR (CP-OFDM 10781 AAC 5G NR (CP-OFDM 10782 AAC 5G NR (CP-OFDM 10784 <		WLAN	8.58	± 9.6 %
10764 AAC EEE 802 11ax (16 10765 AAC EEE 802 11ax (16 10766 AAC EEE 802 11ax (16 10766 AAC EEE 802 11ax (16 10767 AAC 5G NR (CP-OFDM 10768 AAC 5G NR (CP-OFDM 10768 AAC 5G NR (CP-OFDM 10770 AAC 5G NR (CP-OFDM 10771 AAC 5G NR (CP-OFDM 10772 AAC 5G NR (CP-OFDM 10773 AAC 5G NR (CP-OFDM 10774 AAC 5G NR (CP-OFDM 10775 AAC 5G NR (CP-OFDM 10775 AAC 5G NR (CP-OFDM 10776 AAC 5G NR (CP-OFDM 10777 AAC 5G NR (CP-OFDM 10778 AAC 5G NR (CP-OFDM 10778 AAC 5G NR (CP-OFDM 10781 AAC 5G NR (CP-OFDM 10782 AAC 5G NR (CP-OFDM 10784 AAC 5G NR (CP-OFDM 10785 <		WLAN	8.49	± 9.6 %
0765 AAC EEE 802 11ax (16 0766 AAC EEE 802 11ax (16 0767 AAC SG NR (CP-OFDM 0768 AAC SG NR (CP-OFDM 0769 AAC SG NR (CP-OFDM 0770 AAC SG NR (CP-OFDM 0770 AAC SG NR (CP-OFDM 0771 AAC SG NR (CP-OFDM 0772 AAC SG NR (CP-OFDM 0771 AAC SG NR (CP-OFDM 0774 AAC SG NR (CP-OFDM 0775 AAC SG NR (CP-OFDM 0776 AAC SG NR (CP-OFDM 0776 AAC SG NR (CP-OFDM 0777 AAC SG NR (CP-OFDM 0778 AAC SG NR (CP-OFDM 0780 AAC SG NR (CP-OFDM 0781 AAC SG NR (CP-OFDM 0782 AAC SG NR (CP-OFDM 0783 AAC SG NR (CP-OFDM 0784 AAC SG NR (CP-OFDM 0785 AAC SG		WLAN	8.53	± 9.6 %
10766 AAC EEE 802.11ax (16 10767 AAC 5G NR (CP-OFDM 10768 AAC 5G NR (CP-OFDM 10768 AAC 5G NR (CP-OFDM 10770 AAC 5G NR (CP-OFDM 10770 AAC 5G NR (CP-OFDM 10770 AAC 5G NR (CP-OFDM 10771 AAC 5G NR (CP-OFDM 0772 AAC 5G NR (CP-OFDM 0773 AAC 5G NR (CP-OFDM 0774 AAC 5G NR (CP-OFDM 0775 AAC 5G NR (CP-OFDM 0776 AAC 5G NR (CP-OFDM 0777 AAC 5G NR (CP-OFDM 0778 AAC 5G NR (CP-OFDM 0780 AAC 5G NR (CP-OFDM 0781 AAC 5G NR (CP-OFDM 0782 AAC 5G NR (CP-OFDM 0783 AAC 5G NR (CP-OFDM 0784 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0786 AAC		WLAN	8.54	± 9.6 %
0767 AAC 5G NR (CP-OFDM 0768 AAC 5G NR (CP-OFDM 0769 AAC 5G NR (CP-OFDM 0770 AAC 5G NR (CP-OFDM 0771 AAC 5G NR (CP-OFDM 0771 AAC 5G NR (CP-OFDM 0772 AAC 5G NR (CP-OFDM 0773 AAC 5G NR (CP-OFDM 0774 AAC 5G NR (CP-OFDM 0775 AAC 5G NR (CP-OFDM 0776 AAC 5G NR (CP-OFDM 0777 AAC 5G NR (CP-OFDM 0778 AAC 5G NR (CP-OFDM 0778 AAC 5G NR (CP-OFDM 0780 AAC 5G NR (CP-OFDM 0781 AAC 5G NR (CP-OFDM 0782 AAC 5G NR (CP-OFDM 0784 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0786 AAC 5G NR (CP-OFDM 0789 AAC 5G NR (CP-OFDM 0790 AAC 5G NR		WLAN	8.54	± 9.6 %
10768 AAC 5G NR (CP-OFDM 10768 AAC 5G NR (CP-OFDM 10770 AAC 5G NR (CP-OFDM 10770 AAC 5G NR (CP-OFDM 10771 AAC 5G NR (CP-OFDM 10772 AAC 5G NR (CP-OFDM 10772 AAC 5G NR (CP-OFDM 10773 AAC 5G NR (CP-OFDM 0774 AAC 5G NR (CP-OFDM 0775 AAC 5G NR (CP-OFDM 0776 AAC 5G NR (CP-OFDM 0777 AAC 5G NR (CP-OFDM 0777 AAC 5G NR (CP-OFDM 0777 AAC 5G NR (CP-OFDM 0778 AAC 5G NR (CP-OFDM 0781 AAC 5G NR (CP-OFDM 0782 AAC 5G NR (CP-OFDM 0784 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0786 AAC 5G NR (CP-OFDM 0787 AAC 5G NR (CP-OFDM 0788 AAC <t< td=""><td></td><td>WLAN</td><td>8,51</td><td>±9.6 %</td></t<>		WLAN	8,51	±9.6 %
0769 AAC 5G NR (CP-OFDM 0770 AAC 5G NR (CP-OFDM 0771 AAC 5G NR (CP-OFDM 0772 AAC 5G NR (CP-OFDM 0773 AAC 5G NR (CP-OFDM 0774 AAC 5G NR (CP-OFDM 0775 AAC 5G NR (CP-OFDM 0776 AAC 5G NR (CP-OFDM 0776 AAC 5G NR (CP-OFDM 0776 AAC 5G NR (CP-OFDM 0777 AAC 5G NR (CP-OFDM 0778 AAC 5G NR (CP-OFDM 0778 AAC 5G NR (CP-OFDM 0778 AAC 5G NR (CP-OFDM 0780 AAC 5G NR (CP-OFDM 0781 AAC 5G NR (CP-OFDM 0782 AAC 5G NR (CP-OFDM 0784 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0786 AAC 5G NR (CP-OFDM 0787 AAC 5G NR (CP-OFDM 0798 AAC 5G NR	1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10770 AAC 5G NR (CP-OFDM 10771 AAC 5G NR (CP-OFDM 10772 AAC 5G NR (CP-OFDM 10773 AAC 5G NR (CP-OFDM 10774 AAC 5G NR (CP-OFDM 10775 AAC 5G NR (CP-OFDM 10776 AAC 5G NR (CP-OFDM 10777 AAC 5G NR (CP-OFDM 10778 AAC 5G NR (CP-OFDM 10778 AAC 5G NR (CP-OFDM 10780 AAC 5G NR (CP-OFDM 10781 AAC 5G NR (CP-OFDM 10782 AAC 5G NR (CP-OFDM 10781 AAC 5G NR (CP-OFDM 10782 AAC 5G NR (CP-OFDM 10784 AAC 5G NR (CP-OFDM 10785 AAC 5G NR (CP-OFDM 10786 AAC 5G NR (CP-OFDM 10787 AAC 5G NR (CP-OFDM 10788 AAC 5G NR (CP-OFDM 10789 AAC 5G NR (CP-OFDM 0791 AAC <td>1 RB, 10 MHz, QPSK, 15 kHz)</td> <td>5G NR FR1 TDD</td> <td>8.01</td> <td>± 9.6 %</td>	1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
0771 AAC 3G NR (CP-OFDM 0772 AAC 5G NR (CP-OFDM 0773 AAC 5G NR (CP-OFDM 0774 AAC 5G NR (CP-OFDM 0775 AAC 5G NR (CP-OFDM 0775 AAC 5G NR (CP-OFDM 0776 AAC 5G NR (CP-OFDM 0777 AAC 5G NR (CP-OFDM 0777 AAC 5G NR (CP-OFDM 0778 AAC 5G NR (CP-OFDM 0779 AAC 5G NR (CP-OFDM 0780 AAC 5G NR (CP-OFDM 0781 AAC 5G NR (CP-OFDM 0782 AAC 5G NR (CP-OFDM 0783 AAC 5G NR (CP-OFDM 0784 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0786 AAC 5G NR (CP-OFDM 0787 AAC 5G NR (CP-OFDM 0789 AAC 5G NR (CP-OFDM 0790 AAC 5G NR (CP-OFDM 0791 AAC 5G NR	1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
0772 AAC SG NR (CP-OFDM 0773 AAC SG NR (CP-OFDM 0774 AAC SG NR (CP-OFDM 0775 AAC SG NR (CP-OFDM 0776 AAC SG NR (CP-OFDM 0776 AAC SG NR (CP-OFDM 0777 AAC SG NR (CP-OFDM 0778 AAC SG NR (CP-OFDM 0779 AAC SG NR (CP-OFDM 0779 AAC SG NR (CP-OFDM 0780 AAC SG NR (CP-OFDM 0781 AAC SG NR (CP-OFDM 0782 AAC SG NR (CP-OFDM 0783 AAC SG NR (CP-OFDM 0784 AAC SG NR (CP-OFDM 0785 AAC SG NR (CP-OFDM 0786 AAC SG NR (CP-OFDM 0787 AAC SG NR (CP-OFDM 0788 AAC SG NR (CP-OFDM 0790 AAC SG NR (CP-OFDM 0791 AAC SG NR (CP-OFDM 0792 AAC SG NR	1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
0773 AAC 5G NR (CP-OFDM 0774 AAC 5G NR (CP-OFDM 0775 AAC 5G NR (CP-OFDM 0776 AAC 5G NR (CP-OFDM 0777 AAC 5G NR (CP-OFDM 0777 AAC 5G NR (CP-OFDM 0777 AAC 5G NR (CP-OFDM 0778 AAC 5G NR (CP-OFDM 0779 AAC 5G NR (CP-OFDM 0780 AAC 5G NR (CP-OFDM 0781 AAC 5G NR (CP-OFDM 0782 AAC 5G NR (CP-OFDM 0783 AAC 5G NR (CP-OFDM 0784 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0786 AAC 5G NR (CP-OFDM 0787 AAC 5G NR (CP-OFDM 0788 AAC 5G NR (CP-OFDM 0799 AAC 5G NR (CP-OFDM 0791 AAC 5G NR (CP-OFDM 0792 AAC 5G NR (CP-OFDM 0793 AAC 5G NR	1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6 %
0774 AAC 5G NR (CP-OFDM 0775 AAC 5G NR (CP-OFDM 0776 AAC 5G NR (CP-OFDM 0777 AAC 5G NR (CP-OFDM 0777 AAC 5G NR (CP-OFDM 0778 AAC 5G NR (CP-OFDM 0778 AAC 5G NR (CP-OFDM 0779 AAC 5G NR (CP-OFDM 0780 AAC 5G NR (CP-OFDM 0781 AAC 5G NR (CP-OFDM 0782 AAC 5G NR (CP-OFDM 0784 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0786 AAC 5G NR (CP-OFDM 0787 AAC 5G NR (CP-OFDM 0788 AAC 5G NR (CP-OFDM 0789 AAC 5G NR (CP-OFDM 0780 AAC 5G NR (CP-OFDM 0791 AAC 5G NR (CP-OFDM 0792 AAC 5G NR (CP-OFDM 0793 AAC 5G NR	1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
0775 AAC 5G NR (CP-OFDM 0776 AAC 5G NR (CP-OFDM 0777 AAC 5G NR (CP-OFDM 0777 AAC 5G NR (CP-OFDM 0778 AAC 5G NR (CP-OFDM 0779 AAC 5G NR (CP-OFDM 0781 AAC 5G NR (CP-OFDM 0782 AAC 5G NR (CP-OFDM 0783 AAC 5G NR (CP-OFDM 0784 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0786 AAC 5G NR (CP-OFDM 0786 AAC 5G NR (CP-OFDM 0787 AAC 5G NR (CP-OFDM 0788 AAC 5G NR (CP-OFDM 0789 AAC 5G NR (CP-OFDM 0780 AAC 5G NR (CP-OFDM 0791 AAC 5G NR (CP-OFDM 0792 AAC 5G NR (CP-OFDM 0793 AAC 5G NR (CP-OFDM 0794 AAC 5G NR (CP-OFDM 0795 AAC 5G NR	1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6 %
0776 AAC 5G NR (CP-OFDM 0777 AAC 5G NR (CP-OFDM 0778 AAC 5G NR (CP-OFDM 0779 AAC 5G NR (CP-OFDM 0779 AAC 5G NR (CP-OFDM 0770 AAC 5G NR (CP-OFDM 0780 AAC 5G NR (CP-OFDM 0781 AAC 5G NR (CP-OFDM 0782 AAC 5G NR (CP-OFDM 0783 AAC 5G NR (CP-OFDM 0784 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0786 AAC 5G NR (CP-OFDM 0787 AAC 5G NR (CP-OFDM 0788 AAC 5G NR (CP-OFDM 0789 AAC 5G NR (CP-OFDM 0790 AAC 5G NR (CP-OFDM 0791 AAC 5G NR (CP-OFDM 0792 AAC 5G NR (CP-OFDM 0793 AAC 5G NR (CP-OFDM 0794 AAC 5G NR (CP-OFDM 0795 AAC 5G NR	1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
0777 AAC 5G NR (CP-OFDM 0778 AAC 5G NR (CP-OFDM 0779 AAC 5G NR (CP-OFDM 0779 AAC 5G NR (CP-OFDM 0780 AAC 5G NR (CP-OFDM 0781 AAC 5G NR (CP-OFDM 0782 AAC 5G NR (CP-OFDM 0783 AAC 5G NR (CP-OFDM 0784 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0786 AAC 5G NR (CP-OFDM 0787 AAC 5G NR (CP-OFDM 0788 AAC 5G NR (CP-OFDM 0789 AAC 5G NR (CP-OFDM 0791 AAC 5G NR (CP-OFDM 0792 AAC 5G NR (CP-OFDM 0793 AAC 5G NR (CP-OFDM 0794 AAC 5G NR (CP-OFDM 0795 AAC 5G NR (CP-OFDM 0796 AAC 5G NR (CP-OFDM 0797 AAC 5G NR	50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
0778 AAC 5G NR (CP-OFDM 0779 AAC 5G NR (CP-OFDM 0780 AAC 5G NR (CP-OFDM 0781 AAC 5G NR (CP-OFDM 0782 AAC 5G NR (CP-OFDM 0782 AAC 5G NR (CP-OFDM 0784 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0786 AAC 5G NR (CP-OFDM 0787 AAC 5G NR (CP-OFDM 0788 AAC 5G NR (CP-OFDM 0789 AAC 5G NR (CP-OFDM 0789 AAC 5G NR (CP-OFDM 0790 AAC 5G NR (CP-OFDM 0791 AAC 5G NR (CP-OFDM 0792 AAC 5G NR (CP-OFDM 0793 AAC 5G NR (CP-OFDM 0794 AAC 5G NR (CP-OFDM 0795 AAC 5G NR (CP-OFDM 0796 AAC 5G NR (CP-OFDM 0797 AAC 5G NR (CP-OFDM 0798 AAC 5G NR	50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
0779 AAC 5G NR (CP-OFDM 0780 AAC 5G NR (CP-OFDM 0781 AAC 5G NR (CP-OFDM 0782 AAC 5G NR (CP-OFDM 0783 AAC 5G NR (CP-OFDM 0784 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0786 AAC 5G NR (CP-OFDM 0786 AAC 5G NR (CP-OFDM 0787 AAC 5G NR (CP-OFDM 0788 AAC 5G NR (CP-OFDM 0789 AAC 5G NR (CP-OFDM 0790 AAC 5G NR (CP-OFDM 0791 AAC 5G NR (CP-OFDM 0792 AAC 5G NR (CP-OFDM 0793 AAC 5G NR (CP-OFDM 0794 AAC 5G NR (CP-OFDM 0795 AAC 5G NR (CP-OFDM 0796 AAC 5G NR (CP-OFDM 0797 AAC 5G NR (CP-OFDM 0798 AAC 5G NR	50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
0780 AAC 5G NR (CP-OFDM 0781 AAC 5G NR (CP-OFDM 0782 AAC 5G NR (CP-OFDM 0783 AAC 5G NR (CP-OFDM 0784 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0786 AAC 5G NR (CP-OFDM 0787 AAC 5G NR (CP-OFDM 0788 AAC 5G NR (CP-OFDM 0787 AAC 5G NR (CP-OFDM 0788 AAC 5G NR (CP-OFDM 0789 AAC 5G NR (CP-OFDM 0790 AAC 5G NR (CP-OFDM 0791 AAC 5G NR (CP-OFDM 0792 AAC 5G NR (CP-OFDM 0793 AAC 5G NR (CP-OFDM 0794 AAC 5G NR (CP-OFDM 0795 AAC 5G NR (CP-OFDM 0796 AAC 5G NR (CP-OFDM 0797 AAC 5G NR (CP-OFDM 0798 AAC 5G NR	50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
0781 AAC SG NR (CP-OFDM 0782 AAC SG NR (CP-OFDM 0783 AAC SG NR (CP-OFDM 0784 AAC SG NR (CP-OFDM 0785 AAC SG NR (CP-OFDM 0785 AAC SG NR (CP-OFDM 0785 AAC SG NR (CP-OFDM 0786 AAC SG NR (CP-OFDM 0787 AAC SG NR (CP-OFDM 0788 AAC SG NR (CP-OFDM 0789 AAC SG NR (CP-OFDM 0790 AAC SG NR (CP-OFDM 0791 AAC SG NR (CP-OFDM 0792 AAC SG NR (CP-OFDM 0793 AAC SG NR (CP-OFDM 0794 AAC SG NR (CP-OFDM 0795 AAC SG NR (CP-OFDM 0796 AAC SG NR (CP-OFDM 0797 AAC SG NR (CP-OFDM 0798 AAC SG NR (CP-OFDM 0798 AAC SG NR (CP-OFDM 0801 AAC SG NR	50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
0782 AAC 5G NR (CP-OFDM 0783 AAC 5G NR (CP-OFDM 0784 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0786 AAC 5G NR (CP-OFDM 0787 AAC 5G NR (CP-OFDM 0788 AAC 5G NR (CP-OFDM 0789 AAC 5G NR (CP-OFDM 0789 AAC 5G NR (CP-OFDM 0790 AAC 5G NR (CP-OFDM 0791 AAC 5G NR (CP-OFDM 0792 AAC 5G NR (CP-OFDM 0793 AAC 5G NR (CP-OFDM 0794 AAC 5G NR (CP-OFDM 0795 AAC 5G NR (CP-OFDM 0796 AAC 5G NR (CP-OFDM 0797 AAC 5G NR (CP-OFDM 0798 AAC 5G NR (CP-OFDM 0801 AAC 5G NR (CP-OFDM 0802 AAC 5G NR (CP-OFDM 0803 AAE 5G NR	50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
0783 AAC 5G NR (CP-OFDM 0784 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0785 AAC 5G NR (CP-OFDM 0786 AAC 5G NR (CP-OFDM 0787 AAC 5G NR (CP-OFDM 0788 AAC 5G NR (CP-OFDM 0789 AAC 5G NR (CP-OFDM 0789 AAC 5G NR (CP-OFDM 0790 AAC 5G NR (CP-OFDM 0791 AAC 5G NR (CP-OFDM 0792 AAC 5G NR (CP-OFDM 0793 AAC 5G NR (CP-OFDM 0794 AAC 5G NR (CP-OFDM 0795 AAC 5G NR (CP-OFDM 0796 AAC 5G NR (CP-OFDM 0797 AAC 5G NR (CP-OFDM 0798 AAC 5G NR (CP-OFDM 0799 AAC 5G NR (CP-OFDM 0801 AAC 5G NR (CP-OFDM 0802 AAD 5G NR (CP-OFDM 0805 AAD 5G NR	50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
0784 AAC SG NR (CP-OFDM 0785 AAC SG NR (CP-OFDM 0786 AAC SG NR (CP-OFDM 0787 AAC SG NR (CP-OFDM 0788 AAC SG NR (CP-OFDM 0788 AAC SG NR (CP-OFDM 0789 AAC SG NR (CP-OFDM 0790 AAC SG NR (CP-OFDM 0791 AAC SG NR (CP-OFDM 0792 AAC SG NR (CP-OFDM 0793 AAC SG NR (CP-OFDM 0794 AAC SG NR (CP-OFDM 0795 AAC SG NR (CP-OFDM 0796 AAC SG NR (CP-OFDM 0797 AAC SG NR (CP-OFDM 0798 AAC SG NR (CP-OFDM 0798 AAC SG NR (CP-OFDM 0801 AAC SG NR (CP-OFDM 0802 AAD SG NR (CP-OFDM 0803 AAD SG NR (CP-OFDM 0805 AAD SG NR (CP-OFDM 0805 AAD SG NR	50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
0785 AAC 5G NR (CP-OFDM 0786 AAC 5G NR (CP-OFDM 0787 AAC 5G NR (CP-OFDM 0787 AAC 5G NR (CP-OFDM 0788 AAC 5G NR (CP-OFDM 0789 AAC 5G NR (CP-OFDM 0790 AAC 5G NR (CP-OFDM 0791 AAC 5G NR (CP-OFDM 0792 AAC 5G NR (CP-OFDM 0793 AAC 5G NR (CP-OFDM 0794 AAC 5G NR (CP-OFDM 0795 AAC 5G NR (CP-OFDM 0796 AAC 5G NR (CP-OFDM 0797 AAC 5G NR (CP-OFDM 0798 AAC 5G NR (CP-OFDM 0796 AAC 5G NR (CP-OFDM 0797 AAC 5G NR (CP-OFDM 0798 AAC 5G NR (CP-OFDM 0801 AAC 5G NR (CP-OFDM 0802 AAD 5G NR (CP-OFDM 0805 AAD 5G NR (CP-OFDM 0805 AAD 5G NR	100% RB; 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10786 AAC 5G NR (CP-OFDM 10787 AAC 5G NR (CP-OFDM 10788 AAC 5G NR (CP-OFDM 10789 AAC 5G NR (CP-OFDM 10789 AAC 5G NR (CP-OFDM 10790 AAC 5G NR (CP-OFDM 10791 AAC 5G NR (CP-OFDM 10792 AAC 5G NR (CP-OFDM 10793 AAC 5G NR (CP-OFDM 10793 AAC 5G NR (CP-OFDM 10794 AAC 5G NR (CP-OFDM 10795 AAC 5G NR (CP-OFDM 10796 AAC 5G NR (CP-OFDM 10797 AAC 5G NR (CP-OFDM 10798 AAC 5G NR (CP-OFDM 10797 AAC 5G NR (CP-OFDM 10798 AAC 5G NR (CP-OFDM 10799 AAC 5G NR (CP-OFDM 10801 AAC 5G NR (CP-OFDM 10802 AAD 5G NR (CP-OFDM 10805 AAD 5G NR (CP-OFDM 10806 AAD </td <td>100% RB, 10 MHz, QPSK, 15 kHz)</td> <td>5G NR FR1 TDD</td> <td>8.29</td> <td>± 9.6 %</td>	100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %
10787 AAC 5G NR (CP-OFDM 10788 AAC 5G NR (CP-OFDM 10789 AAC 5G NR (CP-OFDM 10789 AAC 5G NR (CP-OFDM 10790 AAC 5G NR (CP-OFDM 10791 AAC 5G NR (CP-OFDM 10792 AAC 5G NR (CP-OFDM 10793 AAC 5G NR (CP-OFDM 10794 AAC 5G NR (CP-OFDM 10795 AAC 5G NR (CP-OFDM 10796 AAC 5G NR (CP-OFDM 10797 AAC 5G NR (CP-OFDM 10798 AAC 5G NR (CP-OFDM 10799 AAC 5G NR (CP-OFDM 10799 AAC 5G NR (CP-OFDM 10802 AAD 5G NR (CP-OFDM 10803 AAD 5G NR (CP-OFDM 10804 AAD 5G NR (CP-OFDM 10805 AAD </td <td>100% RB, 15 MHz, QPSK, 15 kHz)</td> <td>5G NR FR1 TDD</td> <td>8.40</td> <td>± 9.6 %</td>	100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10788 AAC SG NR (CP-OFDM 10789 AAC SG NR (CP-OFDM 10790 AAC SG NR (CP-OFDM 10791 AAC SG NR (CP-OFDM 10792 AAC SG NR (CP-OFDM 10793 AAC SG NR (CP-OFDM 10794 AAC SG NR (CP-OFDM 10795 AAC SG NR (CP-OFDM 10796 AAC SG NR (CP-OFDM 10797 AAC SG NR (CP-OFDM 10798 AAC SG NR (CP-OFDM 10798 AAC SG NR (CP-OFDM 10798 AAC SG NR (CP-OFDM 10799 AAC SG NR (CP-OFDM 10801 AAC SG NR (CP-OFDM 10802 AAD SG NR (CP-OFDM 10803 AAD SG NR (CP-OFDM 10805 AAD </td <td>100% RB, 20 MHz, QPSK, 15 kHz)</td> <td>5G NR FR1 TDD</td> <td>8.35</td> <td>± 9.6 %</td>	100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10789 AAC 5G NR (CP-OFDM 10790 AAC 5G NR (CP-OFDM 10791 AAC 5G NR (CP-OFDM 10792 AAC 5G NR (CP-OFDM 10793 AAC 5G NR (CP-OFDM 10793 AAC 5G NR (CP-OFDM 10794 AAC 5G NR (CP-OFDM 10795 AAC 5G NR (CP-OFDM 10796 AAC 5G NR (CP-OFDM 10797 AAC 5G NR (CP-OFDM 10798 AAC 5G NR (CP-OFDM 10797 AAC 5G NR (CP-OFDM 10798 AAC 5G NR (CP-OFDM 10799 AAC 5G NR (CP-OFDM 10799 AAC 5G NR (CP-OFDM 10801 AAC 5G NR (CP-OFDM 10802 AAD 5G NR (CP-OFDM 10805 AAD 5G NR (CP-OFDM 10805 AAD 5G NR (CP-OFDM 10806 AAD 5G NR (CP-OFDM 10807 AAD 5G NR (CP-OFDM 0810 AAD <td>100% RB, 25 MHz, QPSK, 15 kHz)</td> <td>5G NR FR1 TDD</td> <td>8.44</td> <td>± 9.6 %</td>	100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
0790 AAC SG NR (CP-OFDM 00791 AAC SG NR (CP-OFDM 00792 AAC SG NR (CP-OFDM 00793 AAC SG NR (CP-OFDM 00794 AAC SG NR (CP-OFDM 00795 AAC SG NR (CP-OFDM 00796 AAC SG NR (CP-OFDM 00797 AAC SG NR (CP-OFDM 00798 AAC SG NR (CP-OFDM 00799 AAC SG NR (CP-OFDM 00799 AAC SG NR (CP-OFDM 00799 AAC SG NR (CP-OFDM 00801 AAC SG NR (CP-OFDM 0802 AAC SG NR (CP-OFDM 0805 AAD SG NR (CP-OFDM 0806 AAD SG NR (CP-OFDM 0807 AAD SG NR (CP-OFDM 0810 AAD SG NR (CP-OFDM 0817 AAD	100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
0791 AAC 5G NR (CP-OFDM 0792 AAC 5G NR (CP-OFDM 0793 AAC 5G NR (CP-OFDM 0794 AAC 5G NR (CP-OFDM 0795 AAC 5G NR (CP-OFDM 0795 AAC 5G NR (CP-OFDM 0796 AAC 5G NR (CP-OFDM 0797 AAC 5G NR (CP-OFDM 0798 AAC 5G NR (CP-OFDM 0799 AAC 5G NR (CP-OFDM 0799 AAC 5G NR (CP-OFDM 0801 AAC 5G NR (CP-OFDM 0802 AAC 5G NR (CP-OFDM 0803 AAD 5G NR (CP-OFDM 0805 AAD 5G NR (CP-OFDM 0805 AAD 5G NR (CP-OFDM 0805 AAD 5G NR (CP-OFDM 0806 AAD 5G NR (CP-OFDM 0807 AAD 5G NR (CP-OFDM 0810 AAD 5G NR (CP-OFDM 08112 AAD 5G NR (CP-OFDM 0812 AAD 5G NR	100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
0792 AAC 5G NR (CP-OFDM 0793 AAC 5G NR (CP-OFDM 0794 AAC 5G NR (CP-OFDM 0795 AAC 5G NR (CP-OFDM 0796 AAC 5G NR (CP-OFDM 0797 AAC 5G NR (CP-OFDM 0798 AAC 5G NR (CP-OFDM 0799 AAC 5G NR (CP-OFDM 0799 AAC 5G NR (CP-OFDM 0801 AAC 5G NR (CP-OFDM 0802 AAC 5G NR (CP-OFDM 0803 AAE 5G NR (CP-OFDM 0805 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0818 AAD 5G NR	100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
0793 AAC 5G NR (CP-OFDM 0794 AAC 5G NR (CP-OFDM 0795 AAC 5G NR (CP-OFDM 0796 AAC 5G NR (CP-OFDM 0797 AAC 5G NR (CP-OFDM 0798 AAC 5G NR (CP-OFDM 0799 AAC 5G NR (CP-OFDM 0799 AAC 5G NR (CP-OFDM 0801 AAC 5G NR (CP-OFDM 0802 AAC 5G NR (CP-OFDM 0803 AAE 5G NR (CP-OFDM 0805 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0818 AAD 5G NR	1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
0794 AAC 5G NR (CP-OFDM 0795 AAC 5G NR (CP-OFDM 0796 AAC 5G NR (CP-OFDM 0797 AAC 5G NR (CP-OFDM 0798 AAC 5G NR (CP-OFDM 0799 AAC 5G NR (CP-OFDM 0799 AAC 5G NR (CP-OFDM 0801 AAC 5G NR (CP-OFDM 0802 AAC 5G NR (CP-OFDM 0803 AAE 5G NR (CP-OFDM 0805 AAD 5G NR (CP-OFDM 0806 AAD 5G NR (CP-OFDM 0807 AAD 5G NR (CP-OFDM 0808 AAD 5G NR (CP-OFDM 0809 AAD 5G NR (CP-OFDM 0810 AAD 5G NR (CP-OFDM 0811 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0820 AAD 5G NR (CP-OFDM	1 RB. 10 MHz. QPSK. 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10795 AAC 5G NR (CP-OFDM 10796 AAC 5G NR (CP-OFDM 10797 AAC 5G NR (CP-OFDM 10797 AAC 5G NR (CP-OFDM 10798 AAC 5G NR (CP-OFDM 10799 AAC 5G NR (CP-OFDM 10801 AAC 5G NR (CP-OFDM 10802 AAC 5G NR (CP-OFDM 10803 AAE 5G NR (CP-OFDM 10805 AAD 5G NR (CP-OFDM 10809 AAD 5G NR (CP-OFDM 10812 AAD 5G NR (CP-OFDM 10813 AAD 5G NR (CP-OFDM 10818 AAD 5G NR (CP-OFDM 10820 AAD 5G NR (CP-OFDM	1 RB, 15 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	7.95	± 9.6 %
0796 AAC 5G NR (CP-OFDM 0797 AAC 5G NR (CP-OFDM 0798 AAC 5G NR (CP-OFDM 0799 AAC 5G NR (CP-OFDM 0799 AAC 5G NR (CP-OFDM 0801 AAC 5G NR (CP-OFDM 0802 AAC 5G NR (CP-OFDM 0803 AAE 5G NR (CP-OFDM 0805 AAD 5G NR (CP-OFDM 0806 AAD 5G NR (CP-OFDM 0807 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0820 AAD 5G NR (CP-OFDM		5G NR FR1 TDD	7.82	± 9.6 %
0797 AAC 5G NR (CP-OFDM 0798 AAC 5G NR (CP-OFDM 0799 AAC 5G NR (CP-OFDM 0801 AAC 5G NR (CP-OFDM 0802 AAC 5G NR (CP-OFDM 0803 AAE 5G NR (CP-OFDM 0805 AAD 5G NR (CP-OFDM 0805 AAD 5G NR (CP-OFDM 0806 AAD 5G NR (CP-OFDM 0807 AAD 5G NR (CP-OFDM 0808 AAD 5G NR (CP-OFDM 0809 AAD 5G NR (CP-OFDM 0810 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0813 AAD 5G NR (CP-OFDM 0814 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0820 AAD 5G NR (CP-OFDM		5G NR FR1 TDD	7.84	± 9.6 %
0798 AAC 5G NR (CP-OFDM 0799 AAC 5G NR (CP-OFDM 0801 AAC 5G NR (CP-OFDM 0802 AAC 5G NR (CP-OFDM 0803 AAE 5G NR (CP-OFDM 0803 AAE 5G NR (CP-OFDM 0805 AAD 5G NR (CP-OFDM 0805 AAD 5G NR (CP-OFDM 0809 AAD 5G NR (CP-OFDM 0810 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0813 AAD 5G NR (CP-OFDM 0814 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0820 AAD 5G NR (CP-OFDM		5G NR FR1 TDD	7.82	± 9.6 %
0799 AAC 5G NR (CP-OFDM 0801 AAC 5G NR (CP-OFDM 0802 AAC 5G NR (CP-OFDM 0803 AAE 5G NR (CP-OFDM 0805 AAD 5G NR (CP-OFDM 0805 AAD 5G NR (CP-OFDM 0808 AAD 5G NR (CP-OFDM 0809 AAD 5G NR (CP-OFDM 0810 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0813 AAD 5G NR (CP-OFDM 0814 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0820 AAD 5G NR (CP-OFDM	1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8,01	±9.6%
0801 AAC SG NR (CP-OFDM 0802 AAC SG NR (CP-OFDM 0803 AAE SG NR (CP-OFDM 0805 AAD SG NR (CP-OFDM 0805 AAD SG NR (CP-OFDM 0806 AAD SG NR (CP-OFDM 0808 AAD SG NR (CP-OFDM 0809 AAD SG NR (CP-OFDM 0810 AAD SG NR (CP-OFDM 0812 AAD SG NR (CP-OFDM 0812 AAD SG NR (CP-OFDM 0818 AAD SG NR (CP-OFDM 0818 AAD SG NR (CP-OFDM 0819 AAD SG NR (CP-OFDM 0820 AAD SG NR (CP-OFDM		5G NR FR1 TDD	7.89	± 9.6 %
0802 AAC 5G NR (CP-OFDM 0803 AAE 5G NR (CP-OFDM 0805 AAD 5G NR (CP-OFDM 0808 AAD 5G NR (CP-OFDM 0809 AAD 5G NR (CP-OFDM 0809 AAD 5G NR (CP-OFDM 0810 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0820 AAD 5G NR (CP-OFDM		5G NR FR1 TDD	7.93	± 9.6 %
0803 AAE 5G NR (CP-OFDM 0805 AAD 5G NR (CP-OFDM 0806 AAD 5G NR (CP-OFDM 0809 AAD 5G NR (CP-OFDM 0809 AAD 5G NR (CP-OFDM 0810 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0820 AAD 5G NR (CP-OFDM		5G NR FR1 TDD	7.89	± 9.6 %
0805 AAD 5G NR (CP-OFDM 0806 AAD 5G NR (CP-OFDM 0809 AAD 5G NR (CP-OFDM 0810 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0813 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0820 AAD 5G NR (CP-OFDM		5G NR FR1 TDD	7.87	± 9.6 %
D806 AAD 5G NR (CP-OFDM 0809 AAD 5G NR (CP-OFDM 0810 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0817 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0820 AAD 5G NR (CP-OFDM		5G NR FR1 TDD	7.93	± 9.6 %
0809 AAD 5G NR (CP-OFDM 0810 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0817 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0820 AAD 5G NR (CP-OFDM	50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
0810 AAD 5G NR (CP-OFDM 0812 AAD 5G NR (CP-OFDM 0817 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0820 AAD 5G NR (CP-OFDM	50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	
0812 AAD 5G NR (CP-OFDM 0817 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0820 AAD 5G NR (CP-OFDM	50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
0817 AAD 5G NR (CP-OFDM 0818 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0820 AAD 5G NR (CP-OFDM	50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
0818 AAD 5G NR (CP-OFDM 0819 AAD 5G NR (CP-OFDM 0820 AAD 5G NR (CP-OFDM	50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
0819 AAD 5G NR (CP-OFDM 0820 AAD 5G NR (CP-OFDM	100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
0820 AAD 5G NR (CP-OFDM	100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
	100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
	100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
	100% RB, 25 MHz, QPSK, 30 kHz) 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.41 8.41	± 9.6 %

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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 TDD	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	± 9.6 %
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)	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	±9.6 %
10836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7,66	± 9.6 %
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	19.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 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 TDD	8.34	± 9.6 %
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-OFDM, 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	±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-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	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 %
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, 16QAM, 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	19.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
0881	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	± 9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 640AM, 120 kHz)	5G NR FR2 TDD	6.61	+96%
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 TDD	8.02	±9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.8 %
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-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 %

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10899	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	5.67	# 9.6 %
10900	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 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 9
10903	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 9
10905	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	19.6 9
10906	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAD	5G NR (DFT-8-OFDM, 50% RB, 10 MHz, QPSK, 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	± 9.6 %
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	± 9.6 %
10915	AAD.	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAD	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	± 9.6 %
10918	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 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	± 9.6 %
10921	AAD	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9,6%
10923	AAD	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G 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	± 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-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 %
0933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, OPSK, 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 %
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD 5G NR FR1 FDD	5.90	± 9.6 %
10938	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10939	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	19.6 %
10940	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
0941	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MR2, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
0942	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, 40 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 %
0947	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
0948	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
0949	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	19.6 %
0951	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
0952	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	19.6 %
0953	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	± 9.6 %
0955	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	± 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 %

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-	In C	ollabora	tion wit	th	
TTL	S	p	e	a	g
	CAL	BRATI	ON LAP	BORAT	ORY
3: No.51 Xueyuan Road +86-10-62304633-251				ing, 100	
ail: cttl@chinattl.com			www.chi		-4-25PF

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 %
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 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 %
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	± 9.6 %
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	± 9.6 %
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	± 9.6 %
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6 %
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	± 9.6 %

^a 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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APPENDIX D DIPOLE CALIBRATION CERTIFICATES

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



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

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

Client BACL USA

Certificate No: D1900V2-5d231_Jan20

Accreditation No.: SCS 0108

Dbject	D1900V2 - SN:50	1231	
Calibration procedure(s)	QA CAL-05.v11 Calibration Proce	adure for SAR Validation Sources	between 0.7-3 GHz
Calibration date:	January 14, 2020	1	
The measurements and the uncert	ainties with confidence p	ional standards, which realize the physical un robability are given on the following pages an ry facility: environment temperature (22 \pm 3)°C	d are part of the certificate.
Calibration Equipment used (M&TE	A LOOP CALMED THE		
Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	03-Apr-19 (No. 217-02892/02893)	Apr-20
Power sensor NRP-Z91	SN: 103244	03-Apr-19 (No. 217-02892)	Apr-20
and address of the second		the second states and the se	
	SN: 103245	03-Apr-19 (No. 217-02893)	Apr-20
Power sensor NRP-Z91	SN: 5058 (20k)	04-Apr-19 (No. 217-02894)	Apr-20 Apr-20
Power sensor NRP-Z91 Reference 20 dB Attenuator Fype-N mismatch combination	SN: 5058 (20k) SN: 5047.2 / 06327	04-Apr-19 (No. 217-02894) 04-Apr-19 (No. 217-02895)	Apr-20 Apr-20 Apr-20
Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4	SN: 5058 (20k) SN: 5047.2 / 06327 SN: 7349	04-Apr-19 (No. 217-02894) 04-Apr-19 (No. 217-02895) 31-Dec-19 (No. EX3-7349_Dec19)	Apr-20 Apr-20 Apr-20 Dec-20
Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4	SN: 5058 (20k) SN: 5047.2 / 06327	04-Apr-19 (No. 217-02894) 04-Apr-19 (No. 217-02895)	Apr-20 Apr-20 Apr-20
Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4	SN: 5058 (20k) SN: 5047.2 / 06327 SN: 7349	04-Apr-19 (No. 217-02894) 04-Apr-19 (No. 217-02895) 31-Dec-19 (No. EX3-7349_Dec19)	Apr-20 Apr-20 Apr-20 Dec-20
Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4	SN: 5058 (20k) SN: 5047.2 / 06327 SN: 7349 SN: 601	04-Apr-19 (No. 217-02894) 04-Apr-19 (No. 217-02895) 31-Dec-19 (No. EX3-7349_Dec19) 27-Dec-19 (No. DAE4-601_Dec19)	Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Scheduled Check
Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards	SN: 5058 (20k) SN: 5047.2 / 06327 SN: 7349 SN: 601	04-Apr-19 (No. 217-02894) 04-Apr-19 (No. 217-02895) 31-Dec-19 (No. EX3-7349_Dec19) 27-Dec-19 (No. DAE4-601_Dec19) Check Date (in house)	Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Scheduled Check In house check: Oct-20
Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E4419B	SN: 5058 (20k) SN: 5047.2 / 06327 SN: 7349 SN: 601 ID # SN: GB39512475	04-Apr-19 (No. 217-02894) 04-Apr-19 (No. 217-02895) 31-Dec-19 (No. EX3-7349_Dec19) 27-Dec-19 (No. DAE4-601_Dec19) Check Date (in house) 30-Oct-14 (in house check Feb-19)	Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Scheduled Check In house check: Oct-20 In house check: Oct-20
Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E4419B Power sensor HP 8481A	SN: 5058 (20k) SN: 5047.2 / 06327 SN: 7349 SN: 601 ID # SN: GB39512475 SN: US37292783	04-Apr-19 (No. 217-02894) 04-Apr-19 (No. 217-02895) 31-Dec-19 (No. EX3-7349_Dec19) 27-Dec-19 (No. DAE4-601_Dec19) Check Date (in house) 30-Oct-14 (in house check Feb-19) 07-Oct-15 (in house check Oct-18)	Apr-20 Apr-20 Apr-20 Dec-20 Dec-20
Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A	SN: 5058 (20k) SN: 5047.2 / 06327 SN: 7349 SN: 601 ID # SN: GB39512475 SN: US37292783 SN: MY41092317	04-Apr-19 (No. 217-02894) 04-Apr-19 (No. 217-02895) 31-Dec-19 (No. EX3-7349_Dec19) 27-Dec-19 (No. DAE4-601_Dec19) Check Date (in house) 30-Oct-14 (in house check Feb-19) 07-Oct-15 (in house check Oct-18)	Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Scheduled Check In house check: Oct-20 In house check: Oct-20 In house check: Oct-20 In house check: Oct-20
Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06	SN: 5058 (20k) SN: 5047.2 / 06327 SN: 7349 SN: 601 ID # SN: GB39512475 SN: US37292783 SN: MY41092317 SN: 100972	04-Apr-19 (No. 217-02894) 04-Apr-19 (No. 217-02895) 31-Dec-19 (No. EX3-7349_Dec19) 27-Dec-19 (No. DAE4-601_Dec19) Check Date (in house) 30-Oct-14 (in house check Feb-19) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 15-Jun-15 (in house check Oct-18)	Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Scheduled Check In house check: Oct-20 In house check: Oct-20 In house check: Oct-20 In house check: Oct-20
Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Agilent E8358A	SN: 5058 (20k) SN: 5047.2 / 06327 SN: 7349 SN: 601 ID # SN: GB39512475 SN: US37292783 SN: WS37292783 SN: WY41092317 SN: 100972 SN: US41080477	04-Apr-19 (No. 217-02894) 04-Apr-19 (No. 217-02895) 31-Dec-19 (No. EX3-7349_Dec19) 27-Dec-19 (No. DAE4-601_Dec19) Check Date (in house) 30-Oct-14 (in house check Feb-19) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 15-Jun-15 (in house check Oct-18) 31-Mar-14 (in house check Oct-19) Function	Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Scheduled Check In house check: Oct-20 In house check: Oct-20 In house check: Oct-20
Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06	SN: 5058 (20k) SN: 5047.2 / 06327 SN: 7349 SN: 601 ID # SN: GB39512475 SN: US37292783 SN: WY41092317 SN: 100972 SN: US41080477 Name	04-Apr-19 (No. 217-02894) 04-Apr-19 (No. 217-02895) 31-Dec-19 (No. EX3-7349_Dec19) 27-Dec-19 (No. DAE4-601_Dec19) Check Date (in house) 30-Oct-14 (in house check Feb-19) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 15-Jun-15 (in house check Oct-18) 31-Mar-14 (in house check Oct-19)	Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Scheduled Check In house check: Oct-20 In house check: Oct-20 In house check: Oct-20 In house check: Oct-20
Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Agilent E8358A	SN: 5058 (20k) SN: 5047.2 / 06327 SN: 7349 SN: 601 ID # SN: GB39512475 SN: US37292783 SN: WY41092317 SN: 100972 SN: US41080477 Name	04-Apr-19 (No. 217-02894) 04-Apr-19 (No. 217-02895) 31-Dec-19 (No. EX3-7349_Dec19) 27-Dec-19 (No. DAE4-601_Dec19) Check Date (in house) 30-Oct-14 (in house check Feb-19) 07-Oct-15 (in house check Oct-18) 07-Oct-15 (in house check Oct-18) 15-Jun-15 (in house check Oct-18) 31-Mar-14 (in house check Oct-19) Function	Apr-20 Apr-20 Apr-20 Dec-20 Dec-20 Scheduled Check In house check: Oct-20 In house check: Oct-20 In house check: Oct-20 In house check: Oct-20

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Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM x,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end
 of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The dipole is mounted with the spacer to position its feed
 point exactly below the center marking of the flat phantom section, with the arms oriented
 parallel to the body axis.
- Feed Point Impedance and Return Loss: These parameters are measured with the dipole
 positioned under the liquid filled phantom. The impedance stated is transformed from the
 measurement at the SMA connector to the feed point. The Return Loss ensures low
 reflected power. No uncertainty required.
- Electrical Delay: One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

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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Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY5	V52.10.3
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	1900 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	40.0	1.40 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	41.4 ± 6 %	1.39 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	9.96 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	40.3 W/kg ± 17.0 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR averaged over 10 cm ³ (10 g) of Head TSL SAR measured	condition 250 mW input power	5.19 W/kg

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	51.5 Ω + 4.3 jΩ
Return Loss	- 26.9 dB

General Antenna Parameters and Design

Electrical Delay (and dispeties)	1.200 ns
Electrical Delay (one direction)	1,200118

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG

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DASY5 Validation Report for Head TSL

Date: 14.01.2020

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d231

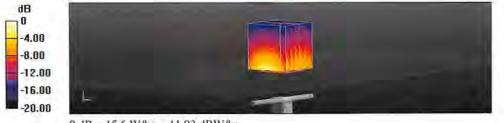
Communication System: UID 0 - CW; Frequency: 1900 MHz Medium parameters used: f = 1900 MHz; $\sigma = 1.39$ S/m; $\varepsilon_r = 41.4$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63,19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN7349; ConvF(8.6, 8.6, 8.6) @ 1900 MHz; Calibrated: 31.12.2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 27.12.2019
- · Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.3(1513); SEMCAD X 14.6.13(7474)

Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 110.0 V/m; Power Drift = -0.01 dB Peak SAR (extrapolated) = 18.7 W/kg SAR(1 g) = 9.96 W/kg; SAR(10 g) = 5.19 W/kg Smallest distance from peaks to all points 3 dB below = 9.8 mm Ratio of SAR at M2 to SAR at M1 = 53.9% Maximum value of SAR (measured) = 15.6 W/kg

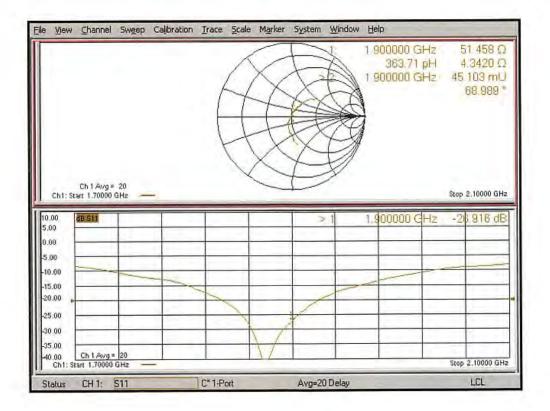


0 dB = 15.6 W/kg = 11.93 dBW/kg

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Impedance Measurement Plot for Head TSL



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***** END OF REPORT *****