

TEST REPORT



Report No. : KES-SR250097 Page **1** / **60** KES Co., Ltd. #3002, #3503, #3701, 40, Simin-daero365beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14057, Republic of Korea Tel : +82-31-425-6200, Fax : +82-31-341-3838

1. Client

- Name : Sena Technologies Co., Ltd.
- o Address : 19, Heolleung-ro, 569-gil, Gangnam-gu, Seoul, Republic of Korea

2. Sample Description

- Product item : SC2
- FCC ID : S7A-SP127
- Model name : SP127
- Multiple Model Name : N/A
- Manufacturer etc. : Sena Technologies Co., Ltd.

3. Date of test : 2025.04.05

- 4. Location of Test : ☑ Permanent Testing Lab □ On Site Testing
 - Address : #3002, #3503, #3701, 40, Simin-daero365beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14057, Republic of Korea
- 5. Test method used : CFR §2.1093

6. Test result : PASS

The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This laboratory is not accredited for the test results marked *. This test report is not related to KOLAS accreditation.

Affirmation	Tested by		Technical Manager		
	Name : Ye-dam, Ahn	(Signature)	Name : Wi-han, Jeong	(Signature)	

2025.04.09.

KES Co., Ltd. Accredited by KOLAS, Republic of KOREA



REPORT REVISION HISTORY

Date	Test Report No.	Revision History
2025.04.09	KES-SR250097	Initial

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Use of uncertainty of measurement for decisions on conformity (decision rule):

■ No decision rule is specified by the standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty("simple acceptance" decision rule, previously known as "accuracy method").

□ Other (to be specified, for example when required by the standard or client)



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1. General Information

Applicant:	Sena Technologies Co., Ltd.				
Applicant address:	19, Heolleung-ro, 569-gi	I, Gangnam-gu, Seoul, Repul	olic of Korea		
Test site:	KES Co., Ltd.				
Test site address:	Test site address: #3002, #3503, #3701, 40, Simin-daero365beon-gil, Dongan-gu,				
	Anyang-si, Gyeonggi-do, 14057, Republic of Korea				
Test Facility	FCC Accreditation Desig	gnation No.: KR0100, Registr	ation No.: 4769B		
FCC rule part(s):	CFR §2.1093				
FCC ID:	S7A-SP127				
Test device serial No.:	☑ Production	Pre-production	Engineering		

1.1. Highest SAR Summary

EUT Type	SC2					
Brand Name(Applicant)	Sena Technologies Co.	, Ltd.				
Model Name	SP127					
Additional Model Name	N/A					
Antenna Type	Dipole Antenna(MESH), Antenna gain: 2.1 d ^B i Dipole Antenna (Bluetooth), Antenna gain: 2.1 d ^B i					
EUT Stage	Identical Prototype					
Equipment Class	Band & Mode	TX Frequency	1g Head (W/Kg)	1g Body (W/Kg)	10g Hands (W/Kg)	
DTS	2.4 GHz MESH	2 410 ~ 2 475 MHz	0.72	N/A	N/A	
DSS	Bluetooth 2 402 ~ 2 480 Mz 0.52 N/A N/A					
Simultaneous	s SAR per 690783 D01	/01r03	0.97	N/A	N/A	

This wireless portable device has been shown to be capable of compliance for localized specific absorption rate (SAR) for uncontrolled environment/general population exposure limits specified in ANSI/IEEE C95.1-1992 and has been tested in accordance with the measurement procedures specified in Section 6 of this report;

1.2. Device Overview

Band & Mode	Operating Modes	Tx Frequency
2.4 GHz MESH	Data	2 410 ~ 2 475 Miz
Bluetooth	Data	2 402 ~ 2 480 MHz

1.3. Power Reduction for SAR

There is no power reduction used for any band/mode implemented in the device for SAR purposes.



1.4. Nominal and Maximum Output Power Specifications

This device operates using the following maximum and nominal output power specifications. SAR values were scaled to the maximum allowed power to determine compliance per KDB Publication 447498 D01v06.

Maximum Output Power

Den d / Me de			Tune-up Power (dBm)			
Band / Mode	Channel	12 ~ 18	19	20 ~ 25		
	Maximum	16.5	16.5	16.5		
2.4 GHz MESH	Nominal	15.5	15.5	15.5		

David (Mada		Tune-up Power (dBm)				
Band / Mode	Channel	0 ~ 38	39	40 ~ 78		
Bluetooth	Maximum	17.5	17.5	16.5		
BDR	Nominal	16.5	16.5	15.5		

Daw d / Mada			Tune-up Power (dBm)			
Band / Mode	Channel	0 ~ 38	39	40 ~ 78		
Bluetooth	Maximum	7.0	7.0	5.5		
EDR	Nominal	6.0	6.0	4.5		

David (Mada		Tune-up Power (dBm)			
Band / Mode	Channel	0 ~ 19	20	21 ~ 39	
Bluetooth	Maximum	3.0	2.0	1.5	
LE	Nominal	2.0	1.0	0.5	



1.5. Simultaneous Transmission Capabilities

This device contains MESH and Bluetooth that may operate simultaneously. Therefore simultaneous transmission analysis is required.

Test Position	2.4 GHz MESH SAR (W/kg)	Bluetooth SAR (W/kg)	∑ SAR
	1	2	1+2
Top Side	0.059	0.031	0.090
Bottom Side	0.103	0.057	0.160
Front Side	0.721	0.246	0.967
Rear Side	0.350	0.521	0.871
Right Side	0.473	0.296	0.769
Left Side	0.381	0.310	0.691

1.6. DUT Antenna Locations

The DUT antenna locations are included in the filing.

1.7. Near Field Communications (NFC) Antenna

This DUT does not support NFC function.



1.8. SAR Test Configurations and Exclusions

Per FCC KDB 447498 D01v06, the 1g SAR exclusion threshold for distances < 50 mm is defined by the following equation:

 $\frac{Max Power of Channel (mW)}{Test Separation Dist (mm)} * \sqrt{Frequency(GHz)} \le 3.0$

Mode	Equation	Result	SAR Exclusion Threshold	Required SAR
2.4 GHz MESH	[(44.67/15)*√2.410]	4.656	3.0	0
Bluetooth BDR	[(56.23/15)*√2.441]	5.857	3.0	0

1.9. Guidance Applied

- IEEE 1528-2013
- FCC KDB Publication 447498 D01v06 (General RF Exposure Guidance)
- FCC KDB Publication 865664 D01v01r04 (SAR Measurement 100 MHz to 6 GHz)
- FCC KDB Publication 865664 D02v01r02 (RF Exposure Reporting)
- FCC KDB Publication 690783 D01v01r03 (SAR Listings on Grants)
- October 2016 TCBC workshop Notes (DUT Holder perturbations)
- April 2019 TCBC workshop Notes (Tissue Simulating Liquids (TSL))

1.10. Device Serial Numbers

Several samples with identical hardware were used to support SAR testing. The manufacturer has confirmed that the device(s) tested have the same physical, mechanical and thermal characteristics and are within operational tolerances expected for production units. The serial numbers used for each test are indicated alongside the results in Section 9.



2. Introduction

The FCC and Innovation, Science, and Economic Development Canada have adopted the guidelines for evaluating the environmental effects of radio frequency (RF) radiation in ET Docket 93-62 on Aug. 6, 1996 and Health Canada Safety Code 6 to protect the public and workers from the potential hazards of RF emissions due to FCC-regulated portable devices.

The safety limits used for the environmental evaluation measurements are based on the criteria published by the American National Standards Institute (ANSI) for localized specific absorption rate (SAR) in IEEE/ANSI C95.1-1992 Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3KHz to 300 GHz and Health Canada RF Exposure Guidelines Safety Code 6. The measurement procedure described in IEEE/ANSI C95.3-2002 Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields - RF and Microwave is used for guidance in measuring the Specific Absorption Rate (SAR) due to the RF radiation exposure from the Equipment Under Test (EUT). These criteria for SAR evaluation are similar to those recommended by the International Committee for Non-Ionizing Radiation Protection (ICNIRP) in Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields," Report No. Vol 74. SAR is a measure of the rate of energy absorption due to exposure to an RF transmitting source. SAR values have been related to threshold levels for potential biological hazards.

2.1. SAR definition

Specific Absorption Rate is defined as the time derivative (rate) of the incremental energy (dW) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dv) of a given density (ρ). It is also defined as the rate of RF energy absorption per unit mass at a point in an absorbing body (see Equation 2-1)

$$SAR = \frac{d}{dt} \left(\frac{dW}{dm} \right) = \frac{d}{dt} \left(\frac{dW}{\rho dv} \right)$$

Equation 2-1 SAR Mathematical Equation

SAR is expressed in units of Watts per kilogram (W/kg).

$$SAR = \frac{\sigma |E|^2}{\rho}$$

Where: σ = conductivity of the tissue (S/m)

 ρ = mass density of the tissue (kg/m³)

E = rms electrical field strength (V/m)

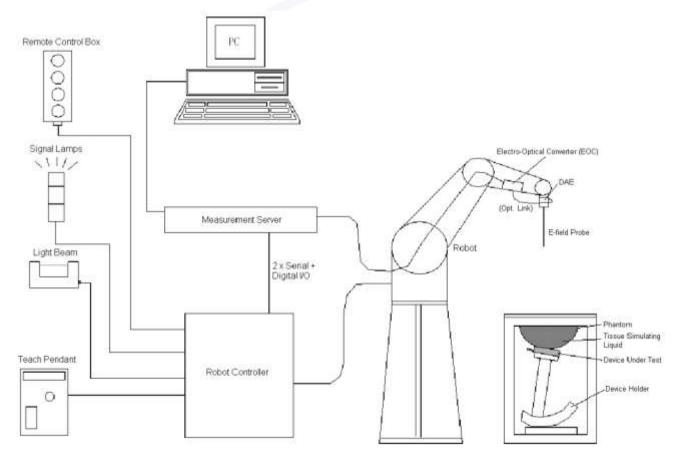
NOTE: The primary factors that control rate of energy absorption were found to be the wavelength of the incident field in relation to the dimensions and geometry of the irradiated organism, the orientation of the organism in relation to the polarity of field vectors, the presence of reflecting surfaces, and whether conductive contact is made by the organism with a ground plane.



2.2. SAR Measurement Setup

A standard high precision 6-axis robot 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. Data acquisition electronics (DAE) which performs the signal amplification, 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 WinXP, Win7 or Win10 and the DASY5 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.





3. Dosimetric Assessment

The evaluation was performed using the following procedure compliant to FCC KDB Publication 865664 D01v01r04 and IEEE 1528-2013:

1. The SAR distribution at the exposed side of the head or body was measured at a distance no greater than 5.0 mm from the inner surface of the shell. The area covered the entire dimension of the device-head and body interface and the horizontal grid resolution was determined per FCC KDB Publication 865664 D01v01r04 (See Table 4-1) and IEC/IEEE 1528-2013.

2. The point SAR measurement was taken at the maximum SAR region determined from Step 1 to enable the monitoring of SAR fluctuations/drifts during the 1g/10g cube evaluation. SAR at this fixed point was measured and used as a reference value.

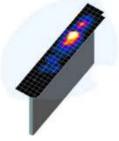


Figure 4-1 Sample

3. Based on the area scan data, the peak of the region with maximum SAR was

determined by spline interpolation. Around this point, a volume was assessed according to the measurement resolution and volume size requirements of FCC KDB Publication 865664 D01v01r04 (See Table 4-1) and IEEE 1528-2013. On the basis of this data set, the spatial peak SAR value was evaluated with the following procedure (see references or the DASY manual online for more details):

- a. SAR values at the inner surface of the phantom are extrapolated from the measured values along the line away from the surface with spacing no greater than that in Table 4-1. The extrapolation was based on a least-squares algorithm. A polynomial of the fourth order was calculated through the points in the z-axis (normal to the phantom shell).
- b. After the maximum interpolated values were calculated between the points in the cube, the SAR was averaged over the spatial volume (1g or 10g) using a 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 then integrated with the trapezoidal algorithm. One thousand points (10 x 10 x 10) were obtained through interpolation, in order to calculate the averaged SAR.
- c. All neighboring volumes were evaluated until no neighboring volume with a higher average value was found.

4. The SAR reference value, at the same location as step 2, was re-measured after the zoom scan was complete to calculate the SAR drift. If the drift deviated by more than 5%, the SAR test and drift measurements were repeated.

	Maximum Area Scan	Correstant and a second se	Max	imum Zoom So Resolution (/	0211237	Minimum Zoom Scan
Frequency	Resolution (mm) ($\Delta x_{avar} \Delta y_{avar}$)	Resolution (mm) ($\Delta x_{com} \Delta y_{com}$)	Uniform Grid	G	aded Grid	Volume (mm) (x,y,z)
	CONTRACTOR OF		$\Delta z_{mon}(n)$	$\Delta t_{axes}(1)^*$	Δt:(n>1)*	1.000
≤2 GHz	s15	≤8	55	54	$\leq 1.5^* \Delta z_{room} (n-1)$	2 30
2-3 GHz	≤12	55	55	54	≤1.5*∆z _{cooe} (n-1)	≥ 30
3-4 GHz	≤12	\$5	≤4	\$3	≤1.5*∆z _{rose} (n-1)	≥ 28
4-5 GHz	≤10	≤4	≤3	≤ 2.5	$\leq 1.5^* \Delta z_{1000}(n-1)$	≥ 25
5-6 GHz	≤10	s 4	£2	\$2	$\leq 1.5^* \Delta t_{roov}(n-1)$	≥ 22

Table 4-1 Area and Zoom Scan Resolutions per FCC KDB Publication 865664 D01v01r04*



4. TEST CONFIGURATION POSITIONS

4.1. Device Holder

This device holder is made out of low-loss POM material having the following dielectric parameters: relative permittivity ϵ = 3 and loss tangent δ = 0.02.

4.2. Positioning for Testing

Based on FCC guidance and expected exposure conditions, the device was positioned with the outside of the device touching the flat phantom and such that the location of maximum SAR was captured during SAR testing. The SAR test setup photograph is included in Appendix F.





5. **RF Exposure Limits**

In order for users to be aware of the head operating requirements for meeting RF exposure compliance, Operating instruction and cautions statements are included in the user's manual.

5.1. Uncontrolled Environment

UNCONTROLLED ENVIRONMENTS are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure. The general population/uncontrolled exposure limits are applicable to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Members of the general public would come under this category when exposure is not employmentrelated; for example, in the case of a wireless transmitter that exposes persons in its vicinity.

5.2. Controlled Environment

CONTROLLED ENVIRONMENTS are defined as locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, (i.e. as a result of employment or occupation). In general, occupational/controlled exposure limits are applicable to situations in which persons are exposed as a consequence of their employment, who have been made fully aware of the potential for exposure and can exercise control over their exposure. This exposure category is also applicable when the exposure is of a transient nature due to incidental passage through a location where the exposure levels may be higher than the general population/uncontrolled limits, but the exposed person is fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

	Human Exposure Limits	
	Uncontrolled Environment General Population (W/kg) or (mW/g)	Controlled Environment Occupational (W/kg) or (mW/g)
Peak Spatial Average SAR Head	1.6	8.0
Whole Body SAR	0.08	0.4
Peak Spatial Average SAR Hands, Feet, Ankle, Wrists, etc.	4.0	20

Table 5-1 SAR Human Exposure Specified in ANSI/IEEE C95.1-1992 and Health Canada Safety Code 6

1. The Spatial Peak value of the SAR averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.

2. The Spatial Average value of the SAR averaged over the whole body.

3. The Spatial Peak value of the SAR averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.



6. FCC Measurement Procedures

Power measurements for licensed transmitters are performed using a base station simulator under digital average power.

6.1. Measured and Reported SAR

Per FCC KDB Publication 447498 D01v06, when SAR is not measured at the maximum power level allowed for production units, the results must be scaled to the maximum tune-up tolerance limit according to the power applied to the individual channels tested to determine compliance. For simultaneous transmission, the measured aggregate SAR must be scaled according to the sum of the differences between the maximum tune-up tolerance and actual power used to test each transmitter. When SAR is measured at or scaled to the maximum tune-up tolerance limit, the results are referred to as *reported* SAR. The highest *reported* SAR results are identified on the grant of equipment authorization according to procedures in KDB 690783 D01v01r03.

Per KDB Publication 447498 D01v06, testing of other required channels within the operating mode of a frequency band is not required when the reported 1g of 10g SAR for the mid-band or highest output power channel is:

- ≤ 0.8 W/kg or 2.0 W/kg, for 1g or 10g respectively, when the transmission band is ≤ 100 MHz
- ≤ 0.6 W/kg or 1.5 W/kg, for 1g or 10g respectively, when the transmission band is between 100 MHz and 200 MHz
- ≤ 0.4 W/kg or 1.0 W/kg, for 1g or 10g respectively, when the transmission band is ≥ 200 MHz

6.2. Procedures Used to Establish RF signal for SAR

Chipset based test mode software is hardware dependent and generally varies among manufacturers. The device operating parameters established in test mode for SAR measurements must be identical to those programmed in production units, including output power levels, amplifier gain settings and other RF performance tuning parameters. The reported SAR is scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit. Establishing connections in this manner ensure a consistent means for testing SAR and are recommended for evaluating SAR. Devices under test are evaluated prior to testing, with a fully charged battery and were configured to operate at maximum output power. In order to verify that the device is tested throughout the SAR test at maximum output power, the SAR measurement system measures a "point SAR" at an arbitrary reference point at the start and end of the 1 gram SAR evaluation, to assess for any power drifts during the evaluation. If the power drift deviates by more than 5%, the SAR test and drift measurements are repeated.

As required by §§ 2.1091(d)(2) and 2.1093(d)(5), RF exposure compliance must be determined at the maximum average power level according to source-based time-averaging requirements to determine compliance for general population exposure conditions. Unless it is specified differently in the published RF exposure KDB procedures, these requirements also apply to test reduction and test exclusion considerations. Time-averaged maximum conducted output power applies to SAR and, as required by § 2.1091(c), time-averaged effective radiated power applies to MPE. When an antenna port is not available on the device to support conducted power measurement, such as for FRS (Part 95) devices and certain Part 15 transmitters with built-in integral antennas, the maximum output power and tolerance allowed for production units should be used to determine RF exposure test exclusion and compliance.



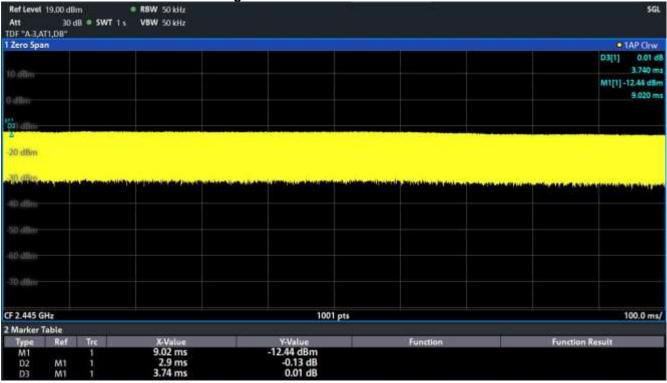
7.1. MESH Conducted Power

Band	Freq. (₩2)	Ch.	Conducted Power (dBm)	Conducted Power (mW)
	2 410	12	15.47	35.24
MESH	2 445	19	15.50	35.48
	2 475	25	15.30	33.88

Table 7-1 MESH Conducted Power

Note: The bolded channel at which the conducted Power was measured at the highest was recorded.

Figure 7-1 MESH Transmission Plot



Equation 7-1 MESH Duty Cycle Calculation

Duty Cycle of this device is <u>100</u>% Duty Cycle[%] = (Pulse / Period) X 100 = (1.000 / 1.000) X 100 = <u>100.0</u>%



7.2. Bluetooth Conducted Power

	Tabl	e 7-2 Bluetooth	n Conducted Po	ower	
			Frequency	Conducte	ed Power
Mode	Data Rate	Ch.	[MHz]	[dB m]	[mW]
		0	2 402	16.38	43.45
	1 Mbps	39	2 441	16.68	46.56
		78	2 480	15.56	35.97
		0	2 402	5.57	3.61
	2 Mbps	39	2 441	5.76	3.77
Bluetooth		78	2 480	4.29	2.69
Bidetootii		0	2 402	5.72	3.73
	3 Mbps	39	2 441	5.91	3.90
		78	2 480	4.43	2.77
		0	2 402	1.66	1.47
	LE 1 Mbps	19	2 442	1.19	1.32
		39	2 480	0.15	1.04

Note: The bolded channel at which the conducted Power was measured at the highest was recorded.



Figure 7-2 Bluetooth Transmission Plot

Equation 7-2 Bluetooth Duty Cycle Calculation

Duty Cycle of this device is <u>77.5</u>% Duty Cycle[%] = (Pulse / Period) X 100 = (2.900 / 3.740) X 100 = <u>77.5</u>%



8. Tissue & System Verification

8.1. Tissue Verification

			Table 0-	i wieasuieu	rissue Frope	ei ties			
Tissue	Measured	T . T (60)	Measured	Measured	Target	•	Conductivity	-	Test
Туре	Frequency (MHz)	Tissue Temp (°C)	Conductivity (σ)	Permittivity (ε _r)	Conductivity (σ)	Permittivity (ε _r)	Deviation (%)	Deviation (%)	Date
	(11112)		(0)	(er)	(0)	(¢r)	(70)	(70)	
	2 450		1.791	39.923	1.80	39.2	-0.50	1.84	
HSL2450	2 441	21.0	1.800	39.741	1.79	39.2	0.44	1.34	2025.04.05
	2 445		1.802	39.795	1.80	39.2	0.36	1.50	

Table 8-1 Measured Tissue Properties

Tissue Verification Notes:

- The above measured tissue parameters were used in the DASY software. The DASY software was used to perform interpolation to determine the dielectric parameters at the SAR test device frequencies (per KDB Publication 865664 D01v01r04 and IEEE 1528-2013 6.6.1.2). The tissue parameters listed in the SAR test plots may slightly differ from the table above due to significant digit rounding in the software.
- 2. Per April 2019 TCBC Workshop Notes, effective February 19, 2019, FCC has permitted the use of single headtissue simulating liquid specified in IEC 62209-1 for all SAR tests.



8.2. System Verification

Prior to SAR assessment, the system is verified to \pm 10 % of the SAR measurement on the reference dipole at the time of calibration by the calibration facility.

Table 8-2 System Verification Results – 1	g
---	---

SAR System #	Test Date	Tissue Frequency (쌘)	Amb. Temp (°C)	Liquid Temp (℃)	Input Power (℩₩)	Dipole SN	Probe SN	1W Target SAR-1 g (W/kg)	Measured SAR-1 g (W/kg)	Normalized to 1W SAR-1 g (W/kg)	Deviation (%)
1	2025.04.05	2 450	22.3	21.0	100	794	3879	53.30	5.31	53.10	-0.38

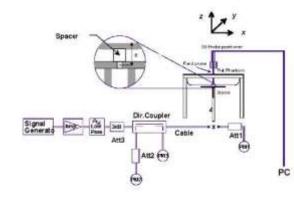


Figure 8-1 System Verification Setup Diagram

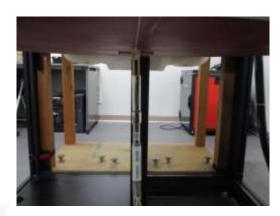


Figure 8-2 System Verification Setup Photo



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9. SAR Data Summary

9.1. Standalone Head SAR Data

	Device		Freque	ncy				Maximum	Measured	Scaling	Scaling	Power	Measured	Reported
Plot No.	Serial Number	Device Side	MHz	Ch.	Mode	Test Position	Spacing (㎝)	Allowed Power [dBm]	Conducted Power [dBm]	Factor (Duty Cycle)	Factor (Power)	Drift [dB]	SAR 1 g (W/kg)	SAR 1 g (W/kg)
	SAR1	Ant.1	2 441	39	1Mbps	Top Side	1.5	17.5	16.68	1.290	1.208	-0.12	0.020	0.031
	SAR1	Ant.1	2 441	39	1Mbps	Bottom Side	1.5	17.5	16.68	1.290	1.208	-0.18	0.036	0.057
	SAR1	Ant.1	2 441	39	1Mbps	Front Side	1.5	17.5	16.68	1.290	1.208	-0.06	0.158	0.246
4	SAR1	Ant.1	2 441	39	1Mbps	Rear Side	1.5	17.5	16.68	1.290	1.208	0.05	0.334	0.521
	SAR1	Ant.1	2 441	39	1Mbps	Right Side	1.5	17.5	16.68	1.290	1.208	-0.13	0.190	0.296
	SAR1	Ant.1	2 441	39	1Mbps	Left Side	1.5	17.5	16.68	1.290	1.208	-0.15	0.199	0.310
				S	Spatial Peak	SAFETY LIMIT				A	Hea 1.6 W/kg /eraged ov	(mW/g)	ım	

Table 9-1 Bluetooth Head SAR

Table 9-2 2.4 GHz MESH Head SAR

	Device		Freque	ncy				Maximum	Measured	Scaling	Scaling	Power	Measured	Reported
Plot No.	Serial Number	Device Side	MEEz	Ch.	Mode	Test Position	Spacing (㎝)	Allowed Power [dBm]	Conducted Power [dBm]	Factor (Duty Cycle)	Factor (Power)	Drift [dB]	SAR 1 g (W/kg)	SAR 1 g (W/kg)
	SAR1	Ant.1	2 445	19	MESH	Top Side	1.5	16.5	15.50	1.000	1.259	-0.04	0.047	0.059
	SAR1	Ant.1	2 445	19	MESH	Bottom Side	1.5	16.5	15.50	1.000	1.259	-0.10	0.082	0.103
13	SAR1	Ant.1	2 445	19	MESH	Front Side	1.5	16.5	15.50	1.000	1.259	0.04	0.573	0.721
	SAR1	Ant.1	2 445	19	MESH	Rear Side	1.5	16.5	15.50	1.000	1.259	0.12	0.278	0.350
	SAR1	Ant.1	2 445	19	MESH	Right Side	1.5	16.5	15.50	1.000	1.259	0.06	0.376	0.473
	SAR1	Ant.1	2 445	19	MESH	Left Side	1.5	16.5	15.50	1.000	1.259	-0.18	0.303	0.381
				S	Spatial Peak	SAFETY LIMIT				A	Hea 1.6 W/kg /eraged ov	(mW/g)	am	



9.2. SAR Test Notes

General Notes:

- 1. The test data reported are the worst-case SAR values according to test procedures specified in IEEE 1528-2013, and FCC KDB Publication 447498 D01v06.
- 2. Batteries are fully charged at the beginning of the SAR measurements.
- 3. Liquid tissue depth was at least 15.0 cm for all frequencies.
- 4. The manufacturer has confirmed that the device(s) tested have the same physical, mechanical and thermal characteristics and are within operational tolerances expected for production units.
- 5. SAR results were scaled to the maximum allowed power to demonstrate compliance per FCC KDB Publication 447498 D01v06.
- 6. Device was tested using a fixed spacing for head testing. A separation distance of 15 mm for MESH and Bluetooth were considered because the manufacturer has determined that a helmet that could support this separation distance would be on the market.
- 7. Per FCC KDB 447498 D01v06, SAR Testing was performed on the Flat Phantom for normal use for Head. Additional SAR Testing was performed on the location closest to the Antenna of similar configuration to demonstrate compliance.
- 8. The Hands SAR test for the outer surface was not added because the customer said there was no environment to hold and use by hand.

Test Notes:

1. Per FCC KDB Publication 447498 D01v06, if the reported (Scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg for 1g evaluations then testing at the other channels is not required for such test configuration(s). When the maximum output power variation across the required test channels is > 1/2 dB, instead of the middle channel, the highest output power channel was used.



10. SAR Measurement Uncertainty

Tabi	e 10-1 Ur	certainty	of SAR e	quipment	for measu	Irement F	iead 0.3 G	HZ to 3 G	ΠZ	
А	b		с	d	e=f(d, k)	f	g	h=c x f/e	I=c x g∕e	k
source of uncertainty	Ref.		Inc. ± %	Prob Dist.	Div.	Ci (1g)	Ci (10 g)	Uncertainty ± %, (1 g)	Uncertainty ± %, (10 g)	Vi
Measurement system errors										
Probe calibration	8.4.1.1	6	.65	Ν	2.000	1	1	3.325	3.325	00
Probe calibration drift	8.4.1.2		1.0	N	1.000	1	1	1.00	1.00	00
Probe linearity and detection limit	8.4.1.3		4.7	R	1.732	1	1	2.71	2.71	œ
Broadband signal	8.4.1.4	:	3.0	Ν	2.000	1	1	1.50	1.50	00
Probe isotropy	8.4.1.5		7.6	R	1.732	1	1	4.39	4.39	00
Other probe and data acquisition errors	8.4.1.6		0.3	Ν	1.000	1	1	0.30	0.30	8
RF ambient and noise	8.4.1.7		1.8	Ν	1.000	1	1	1.80	1.80	~
Probe positioning errors	8.4.1.8	C	.25	Ν	1.000	0.67	0.67	0.17	0.17	-
Data processing errors	8.4.1.9		0.3	N	1.000	1	1	0.30	0.30	00
Phantom and device (DUT or	validation an	tenna) errors								
Measurement of phantom conductivity(σ)	8.4.2.1	1	.90	Ν	1.000	0.78	0.71	1.48	1.35	00
Temperature effects (medium)	8.4.2.2	2.01	1.87	R	1.732	0.23	0.78	0.27	0.91	~
Shell permittivity	8.4.2.3	1	4.0	R	1.732	0.5	0.5	4.04	4.04	00
Distance between the radiating element of the DUT and the phantom medium	8.4.2.4		2.0	N	1.000	2	2	4.00	4.00	œ
Repeatability of positioning the DUT or source against the phantom	8.4.2.5	1.6	1.6	N	1.000	1	1	1.60	1.60	88
Device holder effects	8.4.2.6	2.5	2.0	Ν	1.000	1	1	2.50	2.00	-
Effect of operating mode on probe sensitivity DUT	8.4.2.7	÷	2.4	R	1.732	1	1	1.39	1.39	00
Time-average SAR	8.4.2.8		0.0	R	1.732	1	1	0.00	0.00	~
Variation in SAR due to drift in output of DUT data	8.4.2.9		5.0	Ν	1.732	1	1	2.89	2.89	-
Corrections to the SAR result	(if applied)									
Phantom deviation from target (ɛˈ,ʊ)	8.4.3.1		1.9	N	1.000	1	0.84	1.90	1.60	_
SAR scaling	8.4.3.2		0.0	R	1.732	1	1	0.00	0.00	-
Combined standard uncertainty, u(ΔSAR)				RSS				10.10	10.00	Veff
Expanded uncertainty, U (95% Confidence Interval)				<i>k</i> = 2				20.20	20.00	

Table 10-1 Uncertainty of SAR equipment for measurement Head 0.3 GHz to 3 GHz



11. Equipment List

Equipment	Manufacturer	Model	Serial No.	Cal. Date	Next Cal. Date	Cal. Interval
SAR Chamber	Dymstec	N/A	N/A	N/A	N/A	N/A
Thermo-Hygrostat	㈜한국문터스	HK-030-AU1	1506231	N/A	N/A	N/A
Staubli Robot Unit	Staubli	TX60L	F15/5Y7QA1/A/01	N/A	N/A	N/A
Electro Optical Converter	SPEAG	EOC60	1096	N/A	N/A	N/A
SAM Twin Phantom V4.0C	SPEAG	TP-1138	1138	N/A	N/A	N/A
Device Holder	SPEAG	Mounting Device Upgrade	SD 000 H99 AA	N/A	N/A	N/A
Data Acquisition Electronics	SPEAG	DAE4	1699	2025-01-21	2026-01-21	1 Year
E-Field Probe	SPEAG	EX3DV4	3879	2025-01-23	2026-01-23	1 Year
Dipole Antenna	SPEAG	D2450V2	794	2025-02-19	2027-02-19	2 Years
RF Signal Generator	ANRITSU	68369B	992113	2025-01-10	2026-01-10	1 Year
BROA dB AND HIGH POWER AMPLIFIER	EMPOWER	1138	1030	2024-06-11	2025-06-11	1 Year
DUAL DIRECTIONAL COUPLER	HP	11692D	1212A03523	2024-06-11	2025-06-11	1 Year
EPM Series Power Meter	HP	E4419B	GB40202055	2025-01-10	2026-01-10	1 Year
E-Series AVG Power Sensor	Agilent	E9300H	MY41495967	2025-01-10	2026-01-10	1 Year
E-Series AVG Power Sensor	Agilent	E9300H	US39215405	2025-01-10	2026-01-10	1 Year
POWER METER	ANRITSU	ML2495A	1438001	2025-01-10	2026-01-10	1 Year
Pulse Power Sensor	ANRITSU	MA2411B	1339205	2025-01-10	2026-01-10	1 Year
Attenuator	HP	8491B	22234	2025-01-10	2026-01-10	1 Year
Attenuator	MINI- CIRCUITS	UNAT-10+	VUU38501715	2025-01-10	2026-01-10	1 Year
Low Pass Filter	FILTRON	F-LPCA- KOO1410	1408004S	2025-01-10	2026-01-10	1 Year
Low Pass Filter	FILTRON	F-LPCA- KOO1420	1408008S	2025-01-10	2026-01-10	1 Year
DIELECTRIC ASSESSMENT KIT	SPEAG	DAKS-3.5	1046	2024-04-15	2025-04-15	1 Year
Network Analyzer	HP	8720C	3124A01008	2024-06-11	2025-06-11	1 Year
HYGRO-THERMOMETER	DAEKWANG	811CE	NONE	2024-06-13	2025-06-13	1 Year
DIGITAL THERMOMETER	NONE	TP101	191105	2025-01-16	2026-01-16	1 Year
Spectrum Analyzer	R&S	FSV3030	101800	2025-01-10	2026-01-10	1 Year

Note:

CBT (Calibration Before Testing). Prior to testing, the measurement paths containing a cable, amplifier, attenuator, coupler or filter were connected to a calibrated source (i.e. a signal generator) to determine the losses of the measurement path. The power meter offset was then adjusted to compensate for the measurement system losses. This level offset is stored within the power meter before measurements are made. This calibrated reading is then taken procedure applies to the system verification and output power measurements. The calibrated reading is then taken directly from the power meter after compensation of the losses for all final power measurements.

2. All equipment was used solely within its calibration period.

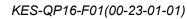
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12. Conclusion

The SAR evaluation indicates that the EUT complies with the RF radiation exposure limits of the FCC and Innovation, Science, and Economic Development Canada, with respect to all parameters subject to this test. These measurements were taken to simulate the RF effects of RF exposure under worst-case conditions. Precise laboratory measures were taken to assure repeatability of the tests. The results and statements relate only to the item(s) tested.

Please note that the absorption and distribution of electromagnetic energy in the body are very complex phenomena that depend on the mass, shape, and size of the body, the orientation of the body with respect to the field vectors, and the electrical properties of both the body and the environment. Other variables that may play a substantial role in possible biological effects are those that characterize the environment (e.g. ambient temperature, air velocity, relative humidity, and body insulation) and those that characterize the individual (e.g. age, gender, activity level, debilitation, or disease). Because various factors may interact with one another to vary the specific biological effects as a result of field-body interactions, environmental conditions, and physiological variables.





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The plots for system verification with largest deviation for each SAR system combination are shown as follows.



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Test Laboratory: KES Co., Ltd.

Date: 2025-04-05

System Verification for 2450 MHz

DUT: Dipole D2450V2-SN: 794

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1 Medium: HSL2450 Medium parameters used: f = 2450 MHz; $\sigma = 1.791$ S/m; $\epsilon_r = 39.923$; $\rho = 1000$ kg/m³ Ambient Temperature 22.3 °C; Liquid Temperature 21.0 °C

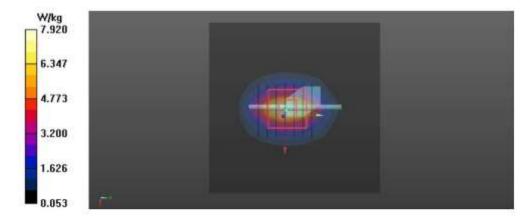
DASY5 Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.15, 7.54, 7.02) @ 2450 MHz; Calibrated: 2025-01-23

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1699; Calibrated: 2025-01-21
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=100 mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm Maximum value of SAR (interpolated) = 8.06 W/kg

Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 69.53 V/m; Power Drift = -0.06 dB Peak SAR (extrapolated) = 9.55 W/kg SAR(1 g) = 5.31 W/kg; SAR(10 g) = 2.49 W/kg Smallest distance from peaks to all points 3 dB below = 9 mm Ratio of SAR at M2 to SAR at M1 = 51.2% Maximum value of SAR (measured) = 7.92 W/kg





Appendix B. SAR Plots for SAR Measurement

The plots for SAR measurement are shown as follows.



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Test Laboratory: KES Co., Ltd.

Date: 2025-04-05

P04_Bluetooth BDR 1Mbps_Rear Side_1.5 cm_Ch.39_Ant.1

DUT: SP127

Communication System: UID 0, Bluetooth BDR/EDR (0); Frequency: 2441 MHz;Duty Cycle: 1:1 Medium: HSL2450 Medium parameters used: f = 2441 MHz; $\sigma = 1.8$ S/m; $\varepsilon_{\gamma} = 39.741$; $\rho = 1000$ kg/m³ Ambient Temperature 22.3 °C; Liquid Temperature 21.0 °C

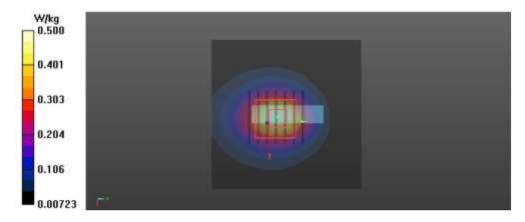
DASY5 Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.15, 7.54, 7.02) @ 2441 MHz; Calibrated: 2025-01-23

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1699; Calibrated: 2025-01-21
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm Maximum value of SAR (interpolated) = 0.511 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 16.81 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.589 W/kg
SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.176 W/kg
Smallest distance from peaks to all points 3 dB below = 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 57.4%
Maximum value of SAR (measured) = 0.500 W/kg





Test Laboratory: KES Co., Ltd.

Date: 2025-04-05

P13_Mesh_Front Side_1.5 cm_Ch.19_Ant.1

DUT: SP127

Communication System: UID 0, MESH (0); Frequency: 2445 MHz;Duty Cycle: 1:1 Medium: HSL2450 Medium parameters used: f = 2445 MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 39.795$; $\rho = 1000$ kg/m³ Ambient Temperature 22.3 °C; Liquid Temperature 21.0 °C

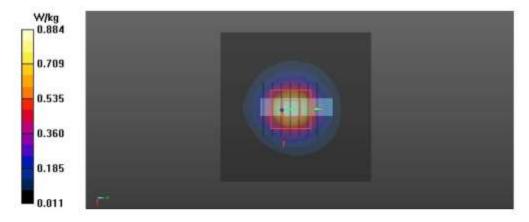
DASY5 Configuration:

- Probe: EX3DV4 - SN3879; ConvF(7.15, 7.54, 7.02) @ 2445 MHz; Calibrated: 2025-01-23

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1699; Calibrated: 2025-01-21
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm Maximum value of SAR (interpolated) = 0.932 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 23.22 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 1.05 W/kg
 SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.285 W/kg
 Smallest distance from peaks to all points 3 dB below = 11.7 mm
 Ratio of SAR at M2 to SAR at M1 = 54.3%
 Maximum value of SAR (measured) = 0.884 W/kg





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Appendix C. Probe & Dipole Antenna Calibration Certificates

The SPEAG calibration certificates are shown as follows.





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alibration Labora chmid & Partner ngineering AG rughausstrasse 43, 6004	5.570 * 1254	iđ		S Schweizerische C Service suisse Servizio svizze S Swiss Calibrati	ro di taratura
credited by the Swiss A te Swiss Accreditation ultilateral Agreement h	Service is one of	f the signatorie		Accreditation No.:	SCS 0108
lient KES Gyeonggi-de	o, Republic of Kor	da	Certificate No.	EX-3879_Jan2	15
CALIBRATION	CERTIFIC	ATE			
Object	EX3D	/4 - SN:387	9	a uditati	
Calibration procedure(s)	QA CA	L-25.v8	DA CAL-12.v10, QA CAL-14 lure for dosimetric E-field pr		6,
Calibration date	Januar	ry 23, 2025			
The measurements and All calibrations have bee	the uncertainties w in conducted in the	ith confidence p closed laborato	ional standards, which realize the ph robability are given on the following ry facility: environment temperature	pages and are part of th	e certificate.
The measurements and All calibrations have bee Calibration Equipment or Primary Standards	the uncertainties w in conducted in the sed (M&TE critical	ith confidence p closed laborato for calibration)	robability are given on the following ry facility: environment temperature Calibration Date (Certificate No.)	pages and are part of th	e certificate. < 70%. Sched. Cal.
The measurements and All calibrations have bee Calibration Equipment us Primary Standards Power Sensor R&S NRP	the uncertainties w in conducted in the sed (M&TE critical -33T	ID SN: 100967	robability are given on the following ry facility: environment temperature Calibration Date (Certificate No.) 28-Mar-24 (No. 217-04038)	pages and are part of th	e certificate. < 70%. Sched. Cal. Mar-25
The measurements and All calibrations have bee Calibration Equipment us Primary Standards Power Sensor R&S NRP Short (Se019i) + Attenual DCP DAK-12	the uncertainties w in conducted in the sed (M&TE critical -33T	ith confidence p closed laborato for calibration)	robability are given on the following ry facility: environment temperature Calibration Date (Certificate No.)	pages and are part of th (22 ± 3) °C and humidity	e certificate. < 70%. Sched. Cal.
The measurements and All calibrations have bee Calibration Equipment us Primary Standards Power Sensor R&S NRP Short (S6019)] + Attenual DCP DAK-12 DCP DAK-3.5	the uncertainties w in conducted in the sed (M&TE critical -33T tor [S6020i]	ID SN: 100967 SN: 1119 SN: 1016 SN: 1249	Calibration Date (Certificate No.) 28-Mar-24 (No. 217-04038) 26-Mar-24 (No. 217-04038) 24-Sept-24 (No. 0CP-0A468) 24-Sept-24 (No. OCP-0AK12-101 23-Sept-24 (No. OCP-0AK3.5-12)	pages and are part of th (22 ± 3) °C and humidity (6_Sep24) 49_Sep24)	e certificate. < 70%. Sched. Cal. Mar-25 Mar-25
The measurements and All calibrations have bee Calibration Equipment us Primary Standards Yower Sensor R&S NRP Short (S6019i) + Attenual OCP DAK-12 OCP DAK-3.5 Reference Probe EX3DV	the uncertainties w in conducted in the sed (M&TE critical -33T tor [S6020i]	ID SN: 100967 SN: 100967 SN: 11119 SN: 1016 SN: 1249 SN: 7349	Calibration Date (Certificate No.) 28-Mar-24 (No. 217-04038) 26-Mar-24 (No. 217-04038) 24-Mar-24 (No. 217-04048) 24-Sept-24 (No. OCP-DAK12-101 23-Sept-24 (No. OCP-DAK13-5-12) 10-Jan-25 (No. EX3-7349_Jan25)	pages and are part of th (22 ± 3) °C and humidity (6_Sep24) 49_Sep24)	e certificate. < 70%. Sched. Cal. Mar-25 Mar-25 Sep-25 Sep-25 Jan-26
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Calibration Laboratory of Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zunch, Switzerland





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Schweizerischer Kalibrierdienst Service suisse d'étalonnage Servizio svizzero di taratura

Swiss Calibration Service

Accreditation No.: SCS 0108

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

Glossary

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

Calibration is Performed According to the Following Standards:

- a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization ∂ = 0 (f ≤ 900MHz in TEM-cell; f > 1800MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z; A, B, C, D are numerical linearization parameters assessed based on the data of
 power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum
 calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for *t* ≤ 800MHz) and inside waveguide using analytical field distributions based on power measurements for *t* > 800MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to *NORMx*, *y*, *z* * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- · Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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January 23, 2025

Parameters of Probe: EX3DV4 - SN:3879

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (µV/(V/m) ²) A	0.29	0.42	0.41	±10.1%
DCP (mV) B	103.9	100.7	102.5	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A dB	$B_{\sqrt{\mu V}}$	с	D dB	VR mV	Max dev.	Max Unc ^E k = 2
0 C/V	CW	X	0.00	0.00	1.00	0.00	142.1	±1.4%	±4.7%
		Y	0.00	0.00	1.00		135.4		
		Z	0.00	0.00	1.00		143.0	-	
10352	Pulse Waveform (200Hz, 10%)	X	2.74	66.25	11.58	10.00	60.0	\$2.5%	±9.6%
		Y	84.00	108.00	25.00		60.0		
		Z	20.00	90.64	20.79		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	2.82	69.59	11.76	6.99	80.0	±1.3%	±9.6%
	(1) C. 2010 C. C. 2010 C. 2010 C. 2010 C. 2010 C. 2010 C. 2010	Y	20.00	93.53	20.83		80.0		
		2	20.00	91.48	19.89		80.0		
10354 Pulse Wave	Pulse Waveform (200Hz, 40%)	X	2.82	73.05	11,91	3.98	95.0	±1.1%	±9.6%
		Y	20.00	99.38	22.40		95.0		1.5 477.53
		2	20,00	94,29	19,78		95.0		
10355 H	Pulse Waveform (200Hz, 60%)	X	20.00	89.78	15.63	2.22	120.0	±1.1%	±9.6%
		Y	20.00	106.79	24.63		120.0		
		Z	20.00	98.36	20,42		120.0		
10387	QPSK Waveform, 1 MHz	X	1.58	66.35	14.82	150.0	150.0	±2.1%	±9.6%
		Y	1.62	65.46	14.57		150.0		
		Z	1.68	65.48	14.59		150.0		
88601	QPSK Waveform, 10 MHz	X	2,09	67.48	15.49	0.00	150.0	±1.0%	±9.6%
		Y	2.13	67.06	15.27		150.0		
		Z	2.22	67.47	15,29		150.0		_
10396	64-QAM Waveform, 100 kHz	X	2.75	70.32	18.58	3.01	150.0	±0.7%	±9.6%
		Y	2.76	69,71	18,41		150.0		
		Z	3.03	70.57	18.64		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.43	67.03	15.69		150.0	±0.8%	±9.6%
		Y	3.47	66.80	15.58		150.0	1482333355	
		Z	3.38	66,33	15.27		150.0		
0414	WLAN CCDF, 64-QAM, 40 MHz	X	4.75	65.72	15.51	0.00	150.0	±1.9%	±9.6%
		Y	4.84	65.57	15.45		150.0		
		Z	4,79	65.20	15.20		150.0		

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 Pages 5 and 6). B Linearization parameter uncertainty for maximum specified field strength. 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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EX3DV4 - SN:3879

January 23, 2025

Parameters of Probe: EX3DV4 - SN:3879

Sensor Model Parameters

	C1 fF	C2 fF	ν ^α ν ⁻¹	T1 msV ⁻²	T2 msV ⁻¹	T3 ms	T4 V-2	T5 V ⁻¹	T6
x	37.6	274.12	34.13	5.61	0.63	4.96	1.63	0.09	1.01
y.	42.7	315.83	34.93	14.40	0.00	5.06	1.51	0.13	1.01
z	48.3	355.46	34.63	11.49	0.54	5.02	1.81	0.19	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-15.5"
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10.mm
Tip Length	mm 9
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

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Parameters of Probe: EX3DV4 - SN:3879

Calibration Parameter Determined in Head Tissue Simulating Media

t (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc ^H (k = 2)
450	43.5	0.87	9,94	9.94	9.94	0.16	1.30	±13.3%
600	42.7	0.88	9.84	9.84	9.84	0.10	1.25	±13.3%
750	41.9	0,89	8.79	9.28	8,64	0.34	1.27	±11.0%
835	41.5	0.90	8.61	9.08	8.45	0.34	1.27	±11.0%
900	41.5	0.97	8.23	8.69	8.09	0.34	1.27	±11.0%
1750	40.1	1.37	7.57	7.99	7.44	0.34	1.27	±11.0%
1900	40.0	1.40	7.11	7.50	6.98	0.34	1.27	±11.0%
1950	40.0	1.40	7.33	7.74	7.20	0.34	1.27	±11.0%
2450	39.2	1.80	7.15	7.54	7.02	0.34	1.27	±11.0%
2600	39.0	1.96	6.80	7.18	6.68	0.34	1.27	±11.0%
3500	37.9	2.91	5.91	6.23	5.80	0.34	1.27	±13.1%
3700	37.7	3.12	5.92	6.24	5.81	0.34	1.27	±13.1%
4600	36.7	4.04	5.49	5.80	5.40	0.33	1,27	±13.1%
4800	36.4	4.25	5.73	6.04	5.62	0.33	1.27	±13.1%
4950	36.3	4.40	5,63	5.94	5.52	0.32	1,27	±13.1%
5200	36.0	4.66	5.14	5.43	5.05	0.30	1.27	±13.1%
5300	35.9	4.76	4,95	5.22	4.86	0.29	1,27	±13.1%
5500	35.6	4.96	4,77	5.04	4.69	0.28	1.27	±13.1%
5600	35.5	5.07	4.82	5.08	4.73	0.27	1.27	±13.1%
5800	35.3	5.27	4,75	5.01	4.67	0.26	1.27	±13.1%

^C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the Com/F 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 Com/F assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of Com/F assessed at 5 MHz is 4–9 MHz, and Con/F assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.
^F The probes are calibrated using issue simulating liquids (TSL) that deviate for i and or by less than ±5% from the target values (typically better than ±3%) and valid for TSL with deviations of up to ±10% if SAR correction is applied.
^G Apha/Daph an determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below ±0% for the quencies below ±2% for frequencies between 3–6 GHz at any distance larger than half the probe to planetar from the boundary.

H The stated uncertainty is the total calibration uncertainty (k = 2) of Norm-ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IEEE 62209-1528:2020.

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January 23, 2025

Parameters of Probe: EX3DV4 - SN:3879

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity [#]	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc ^H (k = 2)
6500	34.5	6.07	5.24	5.53	5.14	0.20	1.27	±18.6%

^G Frequency validity at 6.5 GHz is -600/+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the CorwF uncertainty at calibration

¹⁰ Frequency validly at 6.5 GHz is ~600 + 700 MHz, and _200 MHz at or above 7 GHz. The uncertainty is the RSS of the CorvE uncertainty at calibration trequency and the uncertainty for the indicated frequency band.
 ¹⁰ The probes are calibrated using tissue simulating liquids (TSL) that deviate for *z* and *o* by less than ±10% from the larget values (typically better than ±9%) and are valid for TSL with deviation of up to ±10%.
 ¹⁰ Alpha/Depth are determined during calibration. SPEAG warants that the remaining deviation due to the boundary effect after compensation is always less than ±10% for frequencies between 6~10 GHz at any distance larger than half the probe tip clamater from the boundary.
 ¹¹ The stated uncertainty is the total calibration uncertainty (# =2) of Norm-CorvE. This is equivalent to the uncertainty component with the symbol CE in Texastor endower and a state of the stated uncertainty is the total calibration uncertainty (# =2) of Norm-CorvE. This is equivalent to the uncertainty component with the symbol CE in Texastor endower and the symbol CE in Texastor endower and the symbol CE in Texastor.

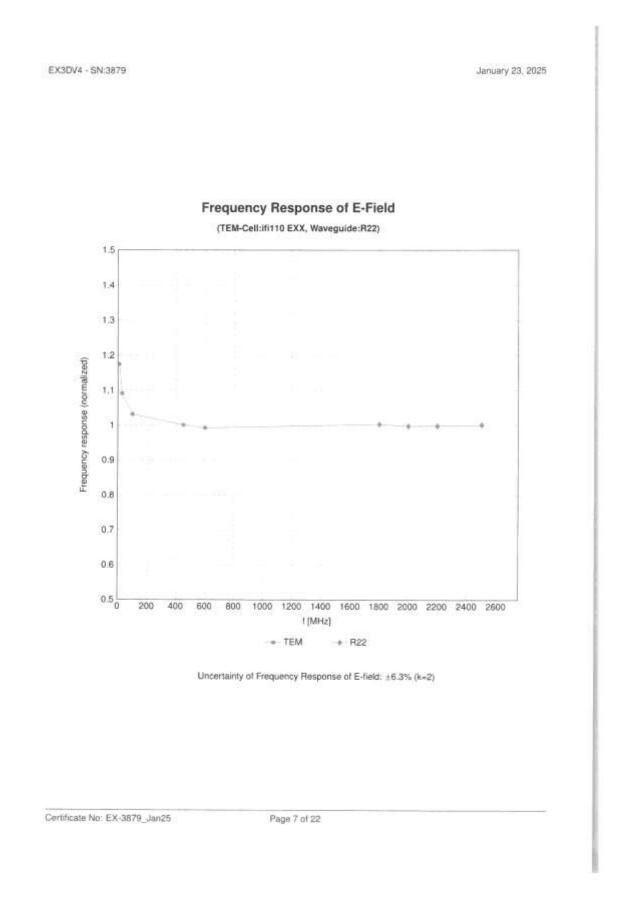
Table 9 of IEC/IEEE 62209-1528:2020.

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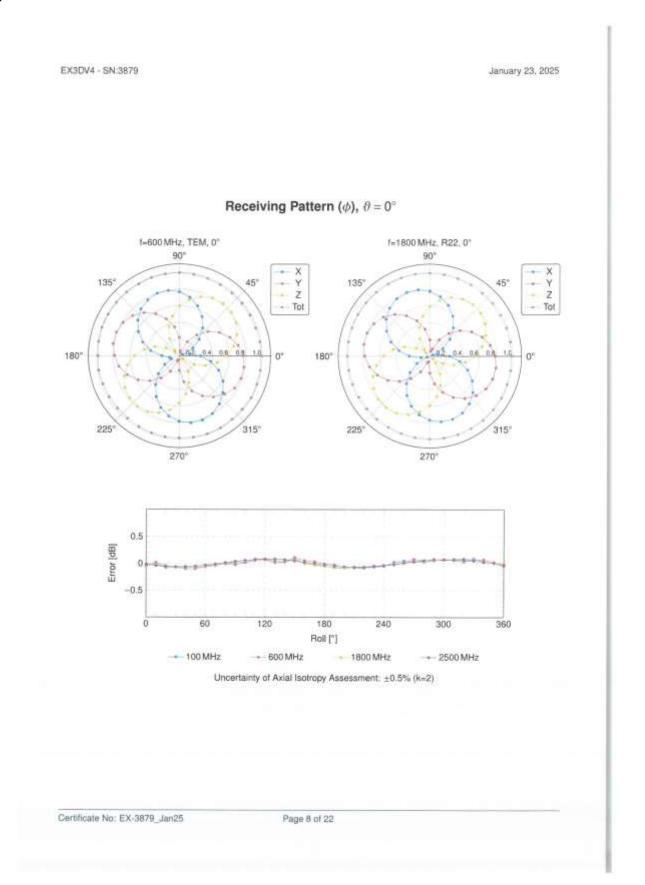


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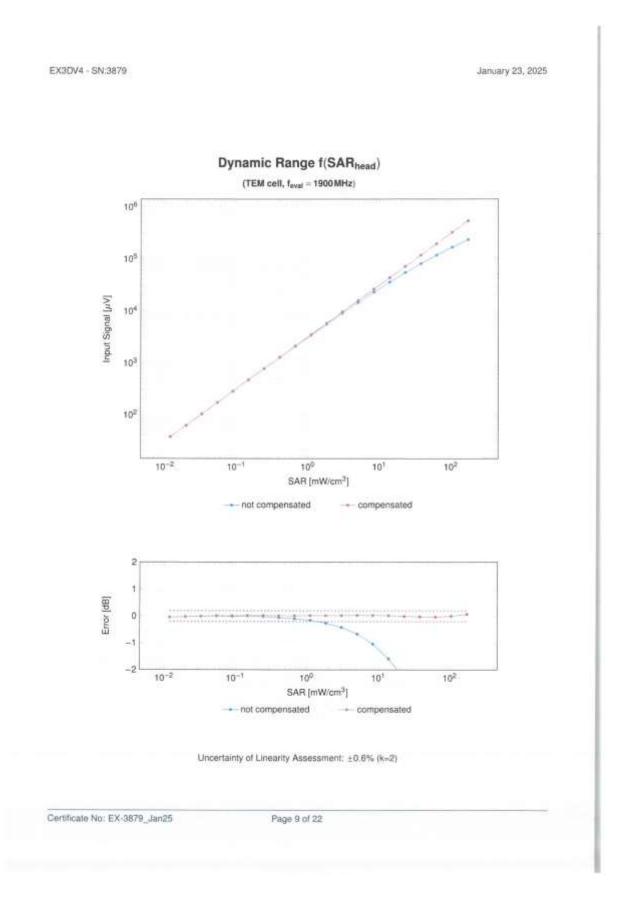


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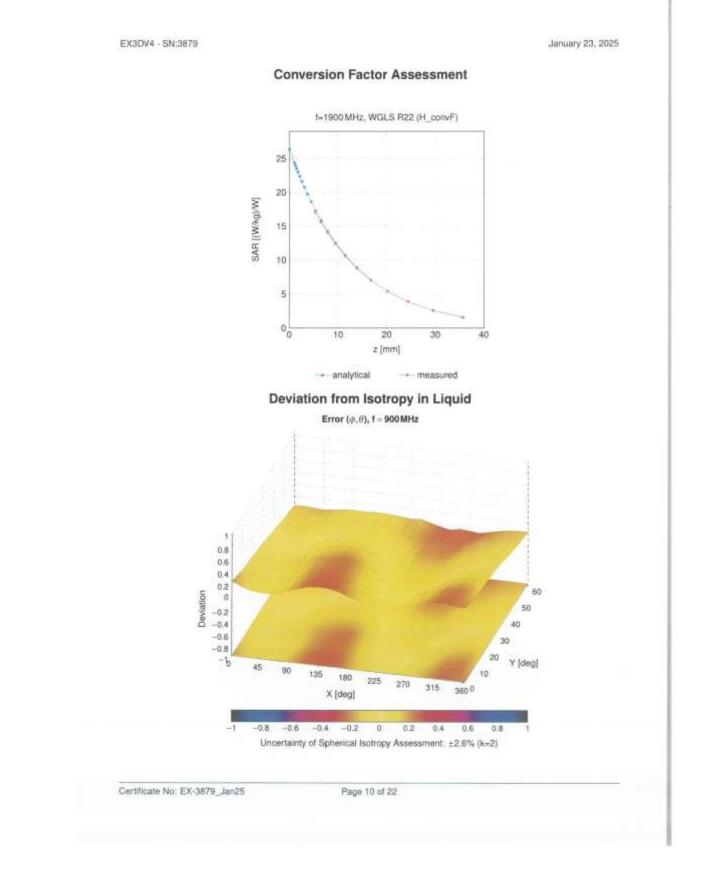




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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k =
0		CW	CW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	19.6
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSS5, 1 Mbps)	WEAN	t.87	±9.6
0013	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	+9.6
0021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9,39	±9.6
0.023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10024	DAG	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	19.6
0.025	DAC	EDGE-FDD (TOMA, 8PSK, TN 0)	GSM	12.62	=9.6
10.026	DAC	EDGE FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	+9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FOD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GGM	7,78	19.6
0030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bisetooth	to provide the	
10031	CAA	IEEE 802.15.1 Bustooth (GFSK, DH3)	the second s	5.30	±9.6
0032	CAA	minute in the second	Bluetooth	1.87	±9.6
		IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetpoth	1.16	±9.6
0033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	ÇAA	IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH3)	Bluetooth	4.53	±9.6
0.035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetpoth	3.83	±9.6
0036	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	19.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Hattrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	19.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Stot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10.056	CAA	UMTS-TDD (TD-SCDMA, 1:28 Mcps)	TD-SCDMA	11.01	19.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	+9.6
10.059	CAB	IEEE 802.11b WIFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	+9.6
10.060	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	19.6
10061	CAB	IEEE 802.11b W/Fi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10.062	CAE	IEEE 802.11a/h W/Fi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	19.6
10063	CAE	IEEE 802.11a/h WFI 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	29.6
10064	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAE	IEEE 802.11a/h WFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	+9.6
10066	CAE	IEEE 802.11a/h WFI 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	19.6
10067	CAE	IEEE 802.11a/h WFI 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	19.6
10068	CAE	IEEE 802.11a/h WFi 5 GHz (OFDM, 48 Mbps)	WLAN	the second se	
10069	CAE	IEEE 802.11a/h WFI 5 GHz (OFDM: 54 Mbps)	and the state of t	10.24	±9.6
10071	CAB	IEEE 902,11g WFI 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	10.56	±9.6
10072	CAB		WLAN	9.83	±9.6
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9,6
		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
0075	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
0077	CAB	IEEE 802,11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps)	WEAN	11.00	±9.6
0.081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	19.6
0.082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, Pt/4-DQPSK, Fullrate)	AMPS	4,77	± 9.6
0000	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
0.097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
0098	CAC	UMTS-FDD (HSLIPA, Subtest 2)	WCDMA	3.98	£9.6
0099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	+9.6
0100	CAF	LTE-FDD (SC-FDMA, 100% RB, 29 MHz, QPSK)	LTE-FDD	5.67	±9.6
0101	ÇAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
0102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-GAM)	LTE-FDD	6.60	+9.6
0103	CAH	LTE-TDD (SC-FDMA, 100% R8, 20 MHz, QPSK)	LTE-TDD	9.29	+9.6
0104	CAH	LTE-TDD (SC-FDMA, 100% R8, 20 MHz, 16-GAM)	LTE-TOD	9.97	19.6
0105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 84-QAM)	LTE-TDD	10.01	19.6
0108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	19.0
0109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
0110	CAH	LTE FDD (SC-FDMA, 100% R8, 5 MHz, OPSK)	LTE-FDD	5.75	±9.6
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0112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
0113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	#9.6
10114	CAE	IEEE 802.11n (HT Greenfield, 13.5 Mbps, 8PSK)	WLAN	8.10	±9.8
10115	CAE	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10115	CAE	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8,15	±9.6
10117	CAE	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WEAN	8.07	±9.6
10118	CAE	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	:9.6
10119	CAE	IEEE 802 11n (HT Mixed, 135 Maps, 64-QAM)	WLAN	8.13	±9.6
10140	CAF	LTE-FOD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	19.6
	CAF	The second se			
10141	and a state of the second	LTE-FDD (SC-FDMA, 100% R8, 15MHz, 64-QAM)	LTE-FDD	6,53	19.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	19.5
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6,41	±9;6
10147	CAG	LTE-FDD (SC-FDMA, 100% R8, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% R8, 20 MHz, 15-QAM)	UTE-FDD	6.42	±9.6
10150	CAF	LTE-FDD (SC-FDMA, 50% R8, 20 MHz; 64-QAM)	LTE-FDD	6.60	±9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% R8, 20 MHz, OPSK)	LTE-TOD	9.28	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TOD	9.92	±9.8
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TOD	10.05	±9.6
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	19.6
10155	CAH	LTE-FDD (SC-FDMA, 50% R8, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	+9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	19.6
10158	CAH	LTE-FDD (SC-FDMA, 50% R8, 10 MHz, 64-QAM)	LTE-FOD	6.62	19.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	the second se
10160	CAF				±9.6
10161	CAF	LTE FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FOD	5,82	±9,8
states and second strength	and the lot of the lot	LTE-FDD (SC-FDMA, 50% R8, 15 MHz, 16-QAM)	LTE-FDD	6.43	+9.8
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9,6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10:171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 54-QAM)	LTE-FDD	6.49	±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 R8, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	:19.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 54-QAM)	LTE-TDD	10.25	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	+9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	5,73	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	6.52	+9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9,6 ±9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	11205000	and the second se	the set of
10183	AAE	LTE-FD0 (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FOD	6.52	±9.6
10184	CAF	and the second	LTE-FOD	6.50	±9.6
	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10185	the standard	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-FDD	6.51	±9.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-FDD	6,50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1,4 MHz, QPSK)	LTE-FDD	5,73	+9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	士服用
10189	AAG	LTE-FDD (5C-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	±9.8
10193	CAE	IEEE 802.11n (HT Greenfield, 5.5 Mbps, BPSK)	WLAN	B.09	±9.6
		IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WEAN	B.12	±9.6
10195	CAE	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	B,21	29.6
10196	CAE	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	+9.6
10197	CAE	IEEE 802 11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAE	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6
10219	CAE	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
10220	CAE	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.12	±9,6
10221	CAE	IEEE 802 11n (HT Mixed, 72 2 Mbps, 64-QAM)	WLAN	8,27	19.6
10222	CAE	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9,6
0223	CAE	IEEE 802.1 In (HT Mixed, 90 Mbps, 15-OAM)	WLAN	0.00 8.4B	+9.6
		The second	441,7978	0.40	1.0.0

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10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.fi
10,226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-DAM)	LTE-TDD	9.49	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	主皇,后
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10230	CAE	LTE-TDD (SC-FDMA, 1 R8, 3MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	19.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	19.6
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	19.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TOD	9.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TOD	9.48	#9.6
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10238	CAG	LTE-TOD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TOD	9.48	±9,6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TOD	10,25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-TDD	9,21	±9,6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.82	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1,4 MHz, 64-QAM)	LTE-TOD	9.86	±9,6
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
10244	CAE	LTE-TOD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TOD	10.06	±9.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAH	LTE-TDD (SC-FDMA, S0% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-TDD	10.09	± 9.6
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9,6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9,6
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64 QAM)	LTE-TDD	10,17	±9,6
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9,90	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9,6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	±9.6
10,257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TOD	10.08	±9.6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TOD	9.34	19.6
10259	CAE	LTE-TDO (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
10:261	CAE	LTE-TDO (SC-FDMA, 100% RB, 3 MHz; QPSK)	LTE-TDO	9.24	±9.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10,16	29.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, OPSK)	LTE-TDD	9,23	±9,6
10205	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	+9.6
and the second second	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10,07	±9.6
10267	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TOD	9.30	±9.6
10269	CAG		LTE-TDD	10.08	±9.6
10209	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6
10274	CAC	LTE-TDD (SC-FDMA, 100% R8, 15 MHz, QPSK)	LTE-TOD	9.58	±9.6
10275	and the second second	UMTS-FDD (HSUPA, Sublest 5, 3GPP Rel8.10)	WCOMA	4.87	±9.6
10275	CAC	UMTS-FDD (HSUPA, Sublest 5, 3GPP Rel8.4) PHS (OPSK)	WCDMA	3.96	±9.6
10277	CAA	PHS (QPSK) PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279	CAA	PHS (QPSK, BW 884 MHZ, Hotor 0.5) PHS (QPSK, BW 884 MHZ, Rolloff 0.38)	PHS	11.81	±9.6
10279	AAB	COMA2000, RC1, SO55, Full Rate	PHS	12,18	19.6
10290	AAS	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	19.6
10.292	AAB	CDMA2000, RC3, SC05, Full Hate CDMA2000, RC3, SC02, Full Rate	CDMA2000	3.46	=9.6
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10295		CDMA2000, RC3, SO3, Fbit Hate CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	3.50	±9.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	CDMA2000	12.49	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, QPSK)	UTE-FDD	5.81	+9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, GPSR)	LTE-FDD	5.72	29.6
10300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-CAM)	LTE-FDD	6.39	±9.6
10301	AAA	IEEE 802.15e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	LTE-FDD	6.60	±9.6
10302	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10 MHz, QPSK, PUSC) IEEE 802.16e WIMAX (29:18, 5ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WIMAX	12.03	19.6
10303	AAA	IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	12,57	19.6
10.304	AAA	IEEE 802.166 WIMAX (31.15, 5ms, 10 MHz, 640AM, PUSC) IEEE 802.166 WIMAX (29.18, 5ms, 10 MHz, 640AM, PUSC)	WIMAX	12.52	2.9.6
10:305	AAA	IEEE 802 16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC) IEEE 802 16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WMAX	11.86	29.6
10306	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WMAX	15.24	±9,6
10000		THE WALL OF THINKING LEALED, 19 MAL, 19 MALE, 94 JAM, PUBC, 19 SYMDOB	WIMAX	14.67	±9.6



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0307	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, OPSK, PUSC, 18 symbols)	WIMAX	14,49	±9.6
0308	AAA	IEEE 802.16e WMAX (29:18, 10 ms, 10 MHz, 16 DAM, PUSC)	WIMAX	14.46	±9/6
0.309	AAA.	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16 QAM, AMC 2x3, 18 symbols)	WIMAX	14.58	±9.6
0310	AA,A	IEEE 802.16e WMAX (29:18, 10 ms, 10 MHz, OPSK, AMC 2x3, 18 symbols)	WIMAX	14.57	±9.6
0311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, GPSK)	LTE-FDD	6.06	±9.6
0313	AAA	IDEN 1:3	IDEN	10.51	19.6
10314	AAA.	IDEN 1:6	IDEN	13.48	19.6
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	+9.6
10316	BAA	IEEE 802.11g WFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	19.6
10317	AAE	IEEE 802.11a WIFI 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	6.36	±9.8
10352	AAA	Putae Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	+9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	+9.6
16355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	+9.6
10355	AAA	Pulse Wavatorm (200Hz, 80%)	Generic	0,97	±9.6
10387	AAA	OPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	OPSK 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		6.27	
10400	AAF	IEEE 802 11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle)	Generic WLAN	8.37	±9.8 ±9.6
10401	AAF	IEEE 802.11 ac WFI (20 MHz, 64-QAM, Sept duty cycle)	WLAN	8.37	
10402	AAF	IEEE 802.11ac WFI (80 MHz, 64-QAM, 99pc duty cycle)			19.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	WLAN	8.53	±9.6
10403	AAB		CDMA2000	3.76	±9,6
and the second	and the second second	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
territoria de la constante de la c	and the state of t	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, OP5K, UL Subframe=2.3.4,7.8,9, Subframe Cont=4)	LTE-TOD	7,82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802.11b WIFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9,6
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9,6
10417	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps. 99pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAD	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAD	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	19.6
10.424	AAD	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9,6
10425	AAD	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	息.41	±9.6
10.426	AAD	IEEE 802.11n (HT Greenfield, 90 Mbps. 16-QAM)	WLAN	8.45	19.6
10.427	AAD	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WEAN	8.41	±9.6
10.430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	B.28	±9.6
10431	AAE	LTE-FDO (DFDMA, 10 MHz; E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1)	LTE-FDD	8.34	+9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434	AAB	W-CDMA (BS Test Model 1, 64 OPCH)	WCEMA	8.60	±9.6
10435	AAG	LTE-TOD (SC-FDMA, 1 RB, 20 MHz, OPSK, UL Subtrame=2.3,4,7.8.9)	LTE-TOD	7.82	+9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FOD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FOD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
0450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
10.453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	19.6
0.456	AAD	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
0457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	19.6
0458	AAA	CDMA2000 (1xEV-DD, Rev. B. 2 carriers)	CDMA2000	6.55	19.6
0459	AAA	CDMA2000 (1xEV-DO, Rev. B. 3 carriers)	CDMA2000	8.25	19.6
0460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	19.6
0.461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	the same taking a	-	
0462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subtrame-2.3.4.7.8.9)	LTE-TDD	7.82	+9.6
0463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	the second se	8.30	+9.6
0464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3MHz, OPSK, UL Subtrame=2.3.4.7.8.9)	LTE-TOD	8.56	±9.6
0465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 0FSK, 0L Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
0466	AAD		LTE-TOD	8.32	±9,6
the second second		LTE-TDD (SC-FDMA, 1 RB, 3MHz, 54-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.57	19.6
0467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, OPSK, UL, Subkame=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
0468	AAG	LTE TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
0.469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UIL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	19/6
0470	AAG	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, GPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6

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10472	AAG	LTE-TDD (SC-FDMA, 1 RB. 10MHz, 64-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	7.82	+9.6
0474	AAF	LTE-TDD (SC-FDMA, 1 RB. 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	3.6±
0475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.8
0477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-DAM, UL Subframe=2.3,4,7,8,9)	LTE-TOD	8.32	±9.6
0478	AAG	LTE-TDD (SC-FDMA, 1 RB. 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
0479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2.3,4,7,8,9)	LTE-TOD	7.74	±9.6
0480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subhame=2.3,4,7.8,9)	LTE-TOD	8.18	19.6
0.481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subtrame+2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
0.482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subtrame=2.3.4,7.8.9)	LTE-TOD	7.71	+9.6
0.483	AAD	LTE-TDD (SC-FDMA, 50% RB. 3 MHz, 16-DAM, UL Subhame=2,3,4,7,8,9)	LTE-TDD	8.39	±9.6
0484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subtrame=2,3,4,7.8.9)	LTE-TDD	8.47	+9.6
0.485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, OPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.59	19.6
0.486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.38	+9.6
0.48?	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	+9.9
0.488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	7.70	+9.6
0.489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 16-OAM, UL Subframe-2,3.4.7.8.9)	LTE-TOD	8.31	+9.6
0.490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe-2,3.4,7.8,9)	LTE-TOD	8.54	19.6
0491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, OPSK, UL Subhame-2,3,4,7,8,9)	and taken of the second s		
0492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 0PSK, 0L Subtrame+2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-OAM, UL Subtrame+2,3,4,7,8,9)	LTE-TED	7.74	19.6
0.493	AAF		LTE-TOD	8,41	19.6 19.6
0493		LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-OAM, UL Subframe-2.3.4,7.8.9)	LTE-TOD	8.55	+9.6
ingial scientificant damage	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, OPSK, UR, Subframe+2.3.4,7.8.9)	LTE-TDD	7.74	19.6
10495		LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-OAM, UL Subframe-2,3.4,7.8,9)	LTE-TDD	8.37	±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subtrame-2,3,4,7,8,9)	LTE-TOD	8.54	19.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	7,67	19.6
10.498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2.3.4.7,8,9)	LTE-TDD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB. 1.4 MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.68	19.6
10500	AAD.	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK, UL Subframe=2.3.4,7.8.9)	LTE-TOD	7.67	19.6
10501	AAD	LTE-TDD (SC-FDMA, 100% R8, 3 MHz, 16-QAM, UL Subframe2,3,4,7,8,9)	LTE-TOD	8.44	+9.6
10502	AAD	LTE-TOD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UI, Subframe=2,3,4,7,8,9)	LTE-TOD	8.52	19.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK, UL Subframe=2.3.4,7,8,9)	LTE-TOD	7,72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% R8, 5 MHz, 16-QAM, UL Subframe~2,3,4,7,8,9)	LTE-TDD	8.31	+9.6
10505	AAG	LTE-TOD (SC-FDMA, 100% R8, 5 MHz, 64-QAM, UL Subtrame=2.3,4,7,8,9)	LTE-TDD	8,54	19.6
10506	AAG	LTE-TDD (SC-FDMA, 100% R8, 10 MHz, QPSK, UL Subframe=2.3,4,7,8.9)	LTE-TDD	7.74	±9.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subtrame=2,3.4.7,8,9)	LTE-TDD	8.36	±9,6
10508	AAG	LTE-TOD (SC-FDMA, 100% R8, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% R8, 15 MHz, QPSK, UL Subframe=2.3,4,7,8,9)	LTE-TDD	7.99	±9.6
10510	AAF	LTE-TOD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
10511	AAF	LTE-TOD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subtrame=2,3,4,7,8.9)	LTE-TDD	8.51	± 9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7,74	±9.6
10513	AAG	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subtrame=2;3,4,7,8,9)	LTE-TDD	8.42	±9.6
10514	AAG.	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8.9)	LTE-TOD	8,45	±9.6
10515	AAA	IEEE 802.11b WFI 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	+9.6
10516	AAA	IEEE 802.11b WIFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9,6
10517	AAA	IEEE 802.11b WIFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10518	AAD	IEEE 802.11a/h WIFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	B.23	±9.6
10519	AAD	IEEE 802.11a/h WFI 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
18520	AAD	IEEE 802.11a/h WFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	19.6
10522	AAD	IEEE 802,11a/h WIFI 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	19.6
10523	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	+9.6
10524	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	B.27	+9.6
10525	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10.526	AAD	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WEAN	8.42	±9.8
0527	AAD	IEEE 802.11ac W/FI (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	+9.6
0528	AAD	IEEE 802.11ac WiFI (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
0529	AAD	IEEE 802.11ac WFF (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	19.6
10531	AAD	IEEE 802.11ac WIFI (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	+9.6
10532	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533	AAD	IEEE 802.11ac WFI (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10534	AAD	IEEE 802.11ac WIFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.0
10535	AAD	IEEE 802.11ac WFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8,45	±9.6
10536	AAD	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9,6
0537	AAD	IEEE 802 11ac WiFr (40 MHz, MCS3, 99pc duty cycle)	WLAN	8,44	±9.6
and the second second	AAD	IEEE 802.11 ac WIFI (40 MHz, MCS4, 99pc duty cycw)	WLAN	8.54	±9.6
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10541	AAD	IEEE 802.11ac WFI (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
0542	AAD	IEEE 802,11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	+9.6
0543	AAD	IEEE 802.11ac WIFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9,6
0544	AAD	IEEE 802.11ac WiFi (80 MHz, MC50, 99pc duty cycle)	WLAN	8,47	±9.6
0545	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	19.6
0546	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	19.6
0547	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 99bc duty cycle)	WLAN	8.49	19.6
0548	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	
0550	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)			19.6
0551	AAD		WLAN	8.38	19.6
		IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	19.6
0552	AAD	IEEE 802,11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	19.6
0553	GAA	IEEE 802 11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WEAN	8.45	19.6
0554	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	19.6
0555	AAE	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9,6
0556	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
0557	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
0558	AAE	IEEE 802.11ac WiFi [160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9,6
0560	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
0561	AAE	IEEE 802.11ac WIFI (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
0562	AAE	IEEE 802.11ac WIFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
0563	AAE	IEEE 802.11ac WiFi (150 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
0.584	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WEAN	8.25	29.6
0.565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
0.566	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	+9.6
0.587	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
0.568	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
0.569	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	29.6
0570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±8.6
0571	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
0572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2Mbps, 90pc duty cycle)	Contraction of the second seco	the second s	
0573	AAA	IEEE 802.11b WiFi 2.4 GHz (OSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
0574	AAA		WLAN	1.98	±9.6
operation in the local division of	and inclusions	IEEE 802.11b WIFI 2.4 GHz (OSSS, 11 Mbps, 90pc duty cycle)	WLAN	1,98	±9.6
0575	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFOM, 6 Mops, 90pc duty cycle)	WLAN	8.59	±9.6
0576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
0577	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
0578	AAA	IEEE 802 11g WIFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	19.6
0579	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8,36	±9.6
0580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	+9.6
0581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
0582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	19.6
0583	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	+9.6
0584	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
0585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	+9.6
0586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
0.587	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
0588	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
0.589	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
0.590	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
0.591	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
0.592	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8,79	19.6
0.593	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	19.6
0594	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8,74	
0595	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	CO AND DOCUMENTS		±9,6
0596	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN .	8.74	19.6
0596	AAD		WLAN	8.71	±9.4
2508	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
		IEEE 802 11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
0.599	AAD	IEEE 802 11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
0080	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	88.8	+9.6
0601	AAD	IEEE 802 11h (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN.	8.82	±9.6
1602	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MC53, 90pc duty cycle)	WLAN	8.94	3.9.£
0603	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.00	±9.6
1604	DAA.	IEEE 802,11h (HT Mixed, 40 MHz, MCSS, 90pc duty cycle)	WLAN	8.76	±9.6
0.605	(A,A)	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	6.97	±9.6
9.606	AAD.	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
1607	AAD	IEEE 802.11ac WIFI (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	+9.6
1608	AAD	IEEE 802.11ac WFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E A =:
10609	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9,6
0610	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
0611	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
0612	AAD	IEEE 802.11ac WIFI (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
0613	AAD	IEEE 802.11ac WIFI (20 MHz, MC58, 90pc duty cycle)	WLAN	8.94	±9.6
0614	AAD	IEEE 802 11ac WFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
0615	AAD	IEEE 802.11 ac WIFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
0616	AAD	IEEE 802.11ac WIFI (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	19.6
0617	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	19.6
0618	AAD	IEEE 802.11ac WFI (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	19,0
0619	AAD			and the second s	
0620	AAD	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.86	19.6
0620	AAD		WLAN	8.87	±9.8
0622		IEEE 802 11ac WIFI (40 MHz, MCSS, 90pc duty cycle)	WLAN	B.77	19.6
	AAD	IEEE 802.11ac WFI (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.68	±9.6
0623	AAD	IEEE 802.11ac WIFI (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.8
0624	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8,96	±9.8
0625	AAD	IEEE 802.11 ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
0626	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	6.83	±9,6
0627	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
0628	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	6.71	±9.6
0629	AAD	IEEE 802.11 ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9,6
0.630	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WEAN	8.72	±9.6
0631	AAD	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	19.6
0632	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
0633	AAD	IEEE 802.11ac WiFI (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	+9.6
0634	AAD	IEEE 802.11ac WIFr (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	19.6
0.635	AAD	IEEE 802.11ac WilFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
0635	AAE	IEEE 802.11ac WFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
0637	AAE	IEEE 802.11ac W/Fi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
0638	AAE	IEEE 802.11ac WFi (150 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
0639	AAE	IEEE 802 11ac WFI (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
10641	AAE	IEEE 802.11ac WFI (160 MHz, MCSS, 90pc duty cycle)		and a second state of the second s	1000
10642	AAE	IEEE 802.11ac WFI (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.05	19.6
10643	AAE	IEEE 802.11ac WFI (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6
10644	AAE		WLAN	8.89	:9.6
10645	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	19.6
and the state of street	and the second second	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subtrame=2.7)	LTE-TDD	11.96	+9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TOD	11.96	±9,6
0648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3,45	±9,6
10652	AAF	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	+9.6
0.653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	19.6
0-654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
0655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	+9.6
10-658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	19.6
10-659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
0.660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	19.6
0.661	AAB	Pulse Waveform (200Hz, 60%)	Tost	2.22	±9.6
0.662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
0670	AAA	Bluetooth Low Energy	Bluetooth	2.19	::0.6
0671	AAC	IEEE 602 11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
0672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
0673	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
0674	AAC	IEEE 802.11ax (20 MHz. MCS3, 90pc duly cycle)	WLAN	8.74	19.6
0675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
0676	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	+9.6
0677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	19.6
0678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.6
0.679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN		
0680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)		8.89	±9.6
0681	AAC	IEEE 802.11ax (20 MHz; MCS10, 90pc duty cycle)	WLAN	8.80	19,6
0682	AAC.	IEEE 802.11ax (20 MHz, MCS10, supe duty cycle)	WLAN	8.62	±9.6
0.683	AAC	The part of the second s	WLAN	8.83	±9.6
thread and a second sec	and the first of the second	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	19.6
0684	AAC	IEEE 802 11ax (20 MHz, MCS1, 99pc duty cycki)	WLAN	8.26	北阜岛
0685	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
	AAC.	IEEE 802.11ax (20 MHz, MCS3, 99pc duly cycle)	WLAN	8.28	+9.6

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10883 AAC 10883 AAC 10884 AAC 10885 AAC 10886 AAC 10897 AAC 10898 AAC 10899 AAC 10898 AAC 10709 AAC 10700 AAC 10701 AAC 10702 AAC 10703 AAC 10704 AAC 10705 AAC 10706 AAC 10707 AAC 10708 AAC 10709 AAC 10710 AAC 10711 AAC 10712 AAC 10714 AAC 10715 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 </th <th>IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)</th> <th>WLAN WLAN WLAN</th> <th>8.45 6.29 6.55 8.29 8.25 8.29 8.25 8.57 6.78 8.97 8.61 8.61 8.69 6.82 8.73 8.89 6.82 8.70</th> <th>196 196 196 196 196 196 196 196 196 196</th>	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.45 6.29 6.55 8.29 8.25 8.29 8.25 8.57 6.78 8.97 8.61 8.61 8.69 6.82 8.73 8.89 6.82 8.70	196 196 196 196 196 196 196 196 196 196
10689 AAC 10690 AAC 10691 AAC 10693 AAC 10694 AAC 10695 AAC 10694 AAC 10695 AAC 10696 AAC 10697 AAC 10698 AAC 10699 AAC 10699 AAC 10709 AAC 10700 AAC 10701 AAC 10702 AAC 10703 AAC 10704 AAC 10705 AAC 10706 AAC 10707 AAC 10708 AAC 10719 AAC 10711 AAC 10712 AAC 10713 AAC 10714 AAC 10715 AAC 10720 AAC 10721 AAC 10722 AAC 10713 </td <td>IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)</td> <td>WLAN WLAN WLAN</td> <td>8.55 8.29 8.25 8.25 8.57 8.57 8.57 8.57 8.51 8.61 8.61 8.69 8.61 8.62 8.73 8.86</td> <td>19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6</td>	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.55 8.29 8.25 8.25 8.57 8.57 8.57 8.57 8.51 8.61 8.61 8.69 8.61 8.62 8.73 8.86	19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6
0890 AAC 0891 AAC 0893 AAC 0694 AAC 0895 AAC 0895 AAC 0895 AAC 0895 AAC 0895 AAC 0895 AAC 0896 AAC 0897 AAC 0898 AAC 0899 AAC 0700 AAC 0701 AAC 0702 AAC 0703 AAC 0704 AAC 0705 AAC 0706 AAC 0707 AAC 0708 AAC 0710 AAC 0711 AAC 0712 AAC 0713 AAC 0714 AAC 0715 AAC 0716 AAC 0717 AAC 0718 AAC 0719 AAC <trr> 0</trr>	IEEE 802.11sx (20 MHz, MCS7, 99pc duty cycle) IEEE 802.11sx (20 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.29 8.25 8.25 8.57 8.57 8.57 8.57 8.57 8.57 8.57 8.5	19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6
0091 AAC 0092 AAC 0093 AAC 00700 AAC 00701 AAC 00702 AAC 00703 AAC 00704 AAC 00705 AAC 00706 AAC 00707 AAC 00708 AAC 00709 AAC 00708 AAC 00710 AAC 00711 AAC 00712 AAC 00713 AAC 00714 AAC 00715 AAC 00716 AAC 00717 AAC 0722 <t< td=""><td>IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)</td><td>WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN</td><td>8.25 8.29 8.25 8.57 8.78 8.91 8.61 8.69 8.69 8.69 8.89 8.82 8.73 8.86</td><td>19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6</td></t<>	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.25 8.29 8.25 8.57 8.78 8.91 8.61 8.69 8.69 8.69 8.89 8.82 8.73 8.86	19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6
0682 AAC 0683 AAC 0684 AAC 0685 AAC 0686 AAC 0686 AAC 0686 AAC 0686 AAC 0686 AAC 0698 AAC 0698 AAC 0698 AAC 0709 AAC 0700 AAC 0702 AAC 0703 AAC 0704 AAC 0705 AAC 0706 AAC 0707 AAC 0708 AAC 0710 AAC 0711 AAC 0712 AAC 0713 AAC 0714 AAC 0725 AAC 0726 AAC 0727 AAC 0728 AAC 0729 AAC 0720 AAC 0725 AAC <td>IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)</td> <td>WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN</td> <td>8.29 8.25 8.57 8.78 8.91 8.61 8.89 6.62 8.73 8.86</td> <td>196 196 196 196 196 196 196 196 196</td>	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.29 8.25 8.57 8.78 8.91 8.61 8.89 6.62 8.73 8.86	196 196 196 196 196 196 196 196 196
10.993 AAC 10.993 AAC 10.994 AAC 10.995 AAC 10.996 AAC 10.997 AAC 10.998 AAC 10.999 AAC 10.999 AAC 10.999 AAC 10.999 AAC 10.701 AAC 10.702 AAC 10.703 AAC 10.704 AAC 10.705 AAC 10.706 AAC 10.707 AAC 10.708 AAC 10.709 AAC 10.710 AAC 10.711 AAC 10.712 AAC 10.713 AAC 10.714 AAC 10.715 AAC 10.720 AAC 10.721 AAC 10.722 AAC 10.724 AAC 10.725 AAC 10.726 AAC </td <td>IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)</td> <td>WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN</td> <td>8.29 8.25 8.57 8.78 8.91 8.61 8.89 6.62 8.73 8.86</td> <td>196 196 196 196 196 196 196 196</td>	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.29 8.25 8.57 8.78 8.91 8.61 8.89 6.62 8.73 8.86	196 196 196 196 196 196 196 196
10694 AAC 10695 AAC 10696 AAC 10697 AAC 10698 AAC 10699 AAC 10700 AAC 10701 AAC 10702 AAC 10703 AAC 10704 AAC 10705 AAC 10706 AAC 10707 AAC 10708 AAC 10709 AAC 10706 AAC 10707 AAC 10718 AAC 10714 AAC 10715 AAC 10716 AAC 10717 AAC 10718 AAC 10729 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 </td <td>IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)</td> <td>WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN</td> <td>8.25 8.57 8.78 8.91 8.61 8.89 6.62 8.73 8.86</td> <td>±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6</td>	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.25 8.57 8.78 8.91 8.61 8.89 6.62 8.73 8.86	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10894 AAC 10894 AAC 10895 AAC 10896 AAC 10898 AAC 10898 AAC 10899 AAC 10700 AAC 10701 AAC 10702 AAC 10703 AAC 10704 AAC 10705 AAC 10706 AAC 10707 AAC 10708 AAC 10709 AAC 10710 AAC 10710 AAC 10711 AAC 10712 AAC 10714 AAC 10715 AAC 10716 AAC 10717 AAC 10718 AAC 10729 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 </td <td>IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)</td> <td>WLAN WLAN WLAN</td> <td>8.57 8.78 8.91 8.61 8.89 6.82 11.73 8.86</td> <td>196 196 196 196 196 196 196 196</td>	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.57 8.78 8.91 8.61 8.89 6.82 11.73 8.86	196 196 196 196 196 196 196 196
10895 AAC 10895 AAC 10896 AAC 10897 AAC 10898 AAC 10899 AAC 10899 AAC 10700 AAC 10701 AAC 10702 AAC 10703 AAC 10704 AAC 10705 AAC 10706 AAC 10707 AAC 10708 AAC 10709 AAC 10709 AAC 10709 AAC 10709 AAC 10709 AAC 10709 AAC 10710 AAC 10711 AAC 10712 AAC 10713 AAC 10714 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10729 AAC 10720 </td <td>IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)</td> <td>WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN</td> <td>8,78 8,91 8,61 8,89 6,82 11,73 8,86</td> <td>196 196 196 196 196 196 196</td>	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8,78 8,91 8,61 8,89 6,82 11,73 8,86	196 196 196 196 196 196 196
10896 AAC 10897 AAC 10897 AAC 10898 AAC 10899 AAC 10700 AAC 10701 AAC 10702 AAC 10704 AAC 10705 AAC 10706 AAC 10707 AAC 10708 AAC 10709 AAC 10710 AAC 10711 AAC 10712 AAC 10713 AAC 10714 AAC 10715 AAC 10716 AAC 10717 AAC 10728 AAC 10729 AAC 10720 AAC 10725 AAC 10726 </td <td>IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)</td> <td>WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN</td> <td>8.91 8.61 8.89 6.82 8.73 8.86</td> <td>19.6 19.6 19.6 19.6 19.6</td>	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.91 8.61 8.89 6.82 8.73 8.86	19.6 19.6 19.6 19.6 19.6
10697 AAC 106997 AAC 10699 AAC 10709 AAC 10701 AAC 10702 AAC 10703 AAC 10704 AAC 10705 AAC 10706 AAC 10707 AAC 10708 AAC 10709 AAC 10709 AAC 10709 AAC 10709 AAC 10710 AAC 10711 AAC 10712 AAC 10713 AAC 10714 AAC 10715 AAC 10716 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10729<	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.61 8.89 6.82 8.73 8.86	19.6 19.6 19.6 19.6
10698 AAC 10699 AAC 10700 AAC 10701 AAC 10702 AAC 10703 AAC 10704 AAC 10705 AAC 10706 AAC 10707 AAC 10708 AAC 10709 AAC 10709 AAC 10708 AAC 10709 AAC 10710 AAC 10711 AAC 10712 AAC 10714 AAC 10715 AAC 10716 AAC 10717 AAC 10718 AAC 10729 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 </td <td>IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)</td> <td>WLAN WLAN WLAN WLAN WLAN WLAN WLAN</td> <td>8.89 6.82 8.73 8.86</td> <td>±9.6 ±9.6 ±9.6</td>	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.89 6.82 8.73 8.86	±9.6 ±9.6 ±9.6
10599 AAC 10700 AAC 10701 AAC 10702 AAC 10703 AAC 10704 AAC 10705 AAC 10706 AAC 10707 AAC 10708 AAC 10709 AAC 10708 AAC 10709 AAC 10708 AAC 10709 AAC 10710 AAC 10711 AAC 10712 AAC 10713 AAC 10714 AAC 10715 AAC 10716 AAC 10717 AAC 10718 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10737 AAC 10738 </td <td>IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle) IEEE 902.11ax (40 MHz, MCS7, 90pc duty cycle) IEEE 902.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)</td> <td>WLAN WLAN WLAN WLAN WLAN WLAN</td> <td>8.82 11.73 8.86</td> <td>±9.6 ±9.6</td>	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle) IEEE 902.11ax (40 MHz, MCS7, 90pc duty cycle) IEEE 902.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN	8.82 11.73 8.86	±9.6 ±9.6
10700 AAC 10701 AAC 10702 AAC 10703 AAC 10704 AAC 10705 AAC 10706 AAC 10707 AAC 10708 AAC 10709 AAC 10709 AAC 10709 AAC 10710 AAC 10711 AAC 10712 AAC 10713 AAC 10714 AAC 10715 AAC 10716 AAC 10717 AAC 10718 AAC 10719 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10739 AAC 10730 </td <td>IEEE 802.11 ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11 ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11 ax (40 MHz, MCS7, 90pc duty cycle) IEEE 802.11 ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11 ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11 ax (40 MHz, MCS10, 90pc duty cycle) IEEE 802.11 ax (40 MHz, MCS11, 90pc duty cycle) IEEE 802.11 ax (40 MHz, MCS11, 90pc duty cycle) IEEE 802.11 ax (40 MHz, MCS1, 90pc duty cycle)</td> <td>WLAN WLAN WLAN WLAN WLAN</td> <td>fl.73 8.86</td> <td>±9.6</td>	IEEE 802.11 ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11 ax (40 MHz, MCS5, 90pc duty cycle) IEEE 802.11 ax (40 MHz, MCS7, 90pc duty cycle) IEEE 802.11 ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11 ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11 ax (40 MHz, MCS10, 90pc duty cycle) IEEE 802.11 ax (40 MHz, MCS11, 90pc duty cycle) IEEE 802.11 ax (40 MHz, MCS11, 90pc duty cycle) IEEE 802.11 ax (40 MHz, MCS1, 90pc duty cycle)	WLAN WLAN WLAN WLAN WLAN	fl.73 8.86	±9.6
10701 AAC 10702 AAC 10703 AAC 10703 AAC 10705 AAC 10706 AAC 10706 AAC 10706 AAC 10707 AAC 10709 AAC 10709 AAC 10709 AAC 10709 AAC 10709 AAC 10710 AAC 10711 AAC 10713 AAC 10713 AAC 10714 AAC 10715 AAC 10718 AAC 10718 AAC 10728 AAC 10738 AAC 10748 AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle) IEEE 902.11ax (40 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN WLAN WLAN WLAN	8.86	the second s
10702 AAC 10703 AAC 10704 AAC 10705 AAC 10706 AAC 10707 AAC 10708 AAC 10709 AAC 10706 AAC 10707 AAC 10708 AAC 10709 AAC 10710 AAC 10711 AAC 10712 AAC 10714 AAC 10715 AAC 10716 AAC 10717 AAC 10718 AAC 10729 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10730 AAC 10732 AAC 10733 AAC 10734 AAC 10735 </td <td>IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS0, 89pc duty cycle) IEEE 802.11ax (40 MHz, MCS0, 89pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)</td> <td>WLAN WLAN WLAN</td> <td>1000000</td> <td>414.86</td>	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS0, 89pc duty cycle) IEEE 802.11ax (40 MHz, MCS0, 89pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN WLAN WLAN	1000000	414.86
10703 AAC 10704 AAC 10705 AAC 10706 AAC 10707 AAC 10708 AAC 10709 AAC 10709 AAC 10708 AAC 10709 AAC 10709 AAC 10710 AAC 10711 AAC 10712 AAC 10713 AAC 10714 AAC 10715 AAC 10716 AAC 10717 AAC 10718 AAC 10720 AAC 10720 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10730 AAC 10731 AAC 10732 AAC 10733 </td <td>IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)</td> <td>WLAN WLAN</td> <td></td> <td>19.6</td>	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN WLAN		19.6
10704 AAC 10705 AAC 10706 AAC 10706 AAC 10708 AAC 10709 AAC 10709 AAC 10709 AAC 10709 AAC 10710 AAC 10711 AAC 10711 AAC 10711 AAC 10713 AAC 10713 AAC 10718 AAC 10718 AAC 10717 AAC 10718 AAC 10718 AAC 10719 AAC 10729 AAC 10720 AAC 10721 AAC 10721 AAC 10721 AAC 10722 AAC 10722 AAC 10724 AAC 10725 AAC 10725 AAC 10725 AAC 10726 AAC 10726 AAC 10727 AAC 10728 AAC 10730 AAC 10731 AAC 10733 AAC 10738 AAC	IEEE 902.11ax (40 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.82	+9.6
10705 AAC 10706 AAC 10707 AAC 10707 AAC 10709 AAC 10709 AAC 10709 AAC 10710 AAC 10711 AAC 10713 AAC 10713 AAC 10714 AAC 10715 AAC 10716 AAC 10716 AAC 10717 AAC 10717 AAC 10718 AAC 10720 AAC 10721 AAC 10721 AAC 10722 AAC 10722 AAC 10722 AAC 10722 AAC 10728 AAC 10738 AAC 10748 AAC	IEEE 802 11ax (40 MHz, MCS10, 90pc duty cycle) IEEE 802 11ax (40 MHz, MCS11, 90pc duty cycle) IEEE 802 11ax (40 MHz, MCS0, 99pc duty cycle) IEEE 802 11ax (40 MHz, MCS1, 99pc duty cycle)	and the second se	8.56	19.6
10 706 AAC 10 707 AAC 10 708 AAC 10 708 AAC 10 708 AAC 10 708 AAC 10 709 AAC 10 710 AAC 10 711 AAC 10 712 AAC 10 714 AAC 10 715 AAC 10 716 AAC 10 717 AAC 10 718 AAC 10 719 AAC 10 720 AAC 10 722 AAC 10 723 AAC 10 724 AAC 10 725 AAC 10 726 AAC 10 727 AAC 10 728 AAC 10 729 AAC 10 720 AAC 10 721 AAC 10 722 AAC 10 730 AAC 10 731 AAC 10 732 AAC 10 734 AAC </td <td>IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS0, 98pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)</td> <td></td> <td>the second se</td> <td></td>	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle) IEEE 802.11ax (40 MHz, MCS0, 98pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)		the second se	
10707 AAC 10708 AAC 10708 AAC 10709 AAC 10709 AAC 10710 AAC 10711 AAC 10712 AAC 10713 AAC 10714 AAC 10715 AAC 10716 AAC 10717 AAC 10718 AAC 10719 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10730 AAC 10731 AAC 10732 AAC 10734 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10739 </td <td>IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)</td> <td>0.6916053</td> <td>8.69</td> <td>19.6</td>	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	0.6916053	8.69	19.6
10708 AAC 10708 AAC 10709 AAC 10710 AAC 10711 AAC 10711 AAC 10712 AAC 10713 AAC 10714 AAC 10716 AAC 10716 AAC 10716 AAC 10717 AAC 10718 AAC 10720 AAC 10721 AAC 10721 AAC 10722 AAC 10722 AAC 10725 AAC 10725 AAC 10725 AAC 10726 AAC 10726 AAC 10726 AAC 10727 AAC 10728 AAC 10728 AAC 10738 AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	B.66	19.6
10709 AAC 10710 AAC 10711 AAC 10712 AAC 10713 AAC 10714 AAC 10715 AAC 10716 AAC 10717 AAC 10718 AAC 10719 AAC 10710 AAC 10711 AAC 10712 AAC 10719 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10729 AAC 10730 AAC 10731 AAC 10732 AAC 10733 AAC 10734 AAC 10735 AAC 10736 AAC 10737 </td <td>the provide state and a second state and a second state of the sec</td> <td>WLAN</td> <td>8.32</td> <td>19.6</td>	the provide state and a second state and a second state of the sec	WLAN	8.32	19.6
10710 AAC 10711 AAC 10711 AAC 10713 AAC 10714 AAC 10715 AAC 10716 AAC 10717 AAC 10718 AAC 10719 AAC 10710 AAC 10711 AAC 10712 AAC 10713 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10729 AAC 10729 AAC 10729 AAC 10729 AAC 10731 AAC 10732 AAC 10734 AAC 10735 AAC 10736 AAC 10737 </td <td>THE DOD I LOW VIOLED AND A DOD OF A SHARE IN MARK</td> <td>WLAN</td> <td>8.55</td> <td>±9.6</td>	THE DOD I LOW VIOLED AND A DOD OF A SHARE IN MARK	WLAN	8.55	±9.6
10711 AAC 10711 AAC 10712 AAC 10713 AAC 10714 AAC 10715 AAC 10716 AAC 10717 AAC 10718 AAC 10719 AAC 10718 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10729 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10730 AAC 10733 AAC 10734 AAC 10735 AAC 10736 AAC 10737 </td <td>IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)</td> <td>WLAN</td> <td>8,33</td> <td>19.6</td>	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8,33	19.6
10712 AAC 10713 AAC 10713 AAC 10714 AAC 10715 AAC 10716 AAC 10717 AAC 10718 AAC 10719 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10729 AAC 10730 AAC 10733 AAC 10734 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10739 AAC 10739 AAC 10738 AAC 10739 AAC 10738 AAC 10740 AAC 10741 </td <td>IEEE 802 11ax (40 MHz, MCS3, 99pc duty cycle)</td> <td>WLAN</td> <td>8.29</td> <td>+9,6</td>	IEEE 802 11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	+9,6
10713 AAC 10714 AAC 10714 AAC 10715 AAC 10716 AAC 10717 AAC 10718 AAC 10719 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10729 AAC 10730 AAC 10731 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10739 AAC 10740 </td <td>IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)</td> <td>WLAN</td> <td>B.39</td> <td>±9.6</td>	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	B.39	±9.6
10714 AAC 10715 AAC 10716 AAC 10717 AAC 10718 AAC 10719 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10729 AAC 10720 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10738 AAC 10730 AAC 10731 AAC 10732 AAC 10733 AAC 10734 AAC 10735 AAC 10737 AAC 10738 AAC 10739 AAC 10739 </td <td>IEEE 802.11ax (40 MHz. MCS5, 99pc duty cycle)</td> <td>WLAN</td> <td>8.67</td> <td>±9.6</td>	IEEE 802.11ax (40 MHz. MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
10715 AAC 10716 AAC 10717 AAC 10718 AAC 10719 AAC 10719 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10729 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10738 AAC 10730 AAC 10731 AAC 10732 AAC 10733 AAC 10734 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10739 AAC 10739 AAC 10740 </td <td>IEEE 802 11ax (40 MHz, MCS6, 99pc duty cycle)</td> <td>WLAN</td> <td>8.33</td> <td>+9.6</td>	IEEE 802 11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	+9.6
10716 AAC 10717 AAC 10717 AAC 10718 AAC 10719 AAC 10719 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10728 AAC 10729 AAC 10730 AAC 10731 AAC 10732 AAC 10733 AAC 10734 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10739 AAC 10739 AAC 10739 AAC 10739 AAC 10739 AAC 10734 AAC 10735 AAC 10736 AAC 10737 </td <td>IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)</td> <td>WLAN</td> <td>8,26</td> <td>±9.6</td>	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8,26	±9.6
10.717 AAC 10.718 AAC 10.719 AAC 10.720 AAC 10.721 AAC 10.722 AAC 10.723 AAC 10.724 AAC 10.725 AAC 10.726 AAC 10.727 AAC 10.728 AAC 10.729 AAC 10.720 AAC 10.720 AAC 10.720 AAC 10.731 AAC 10.732 AAC 10.733 AAC 10.734 AAC 10.735 AAC 10.736 AAC 10.737 AAC 10.738 AAC 10.738 AAC 10.738 AAC 10.738 AAC 10.739 AAC 10.740 AAC 10.741 AAC 10.742 AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
10718 AAC 10719 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10729 AAC 10720 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10731 AAC 10732 AAC 10733 AAC 10734 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10739 AAC 10739 AAC 10731 AAC 10735 AAC 10738 AAC 10739 AAC 10741 AAC 10742 </td <td>IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)</td> <td>WLAN</td> <td>8.30</td> <td>±9.6</td>	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
10719 AAC 10720 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10729 AAC 10730 AAC 10731 AAC 10732 AAC 10733 AAC 10734 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10739 AAC 10738 AAC 10739 AAC 10739 AAC 10738 AAC 10739 AAC 10738 AAC 10740 AAC 10741 AAC 10742 AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	± 9.6
10720 AAC 10721 AAC 10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10729 AAC 10729 AAC 10730 AAC 10731 AAC 10732 AAC 10734 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10739 AAC 10739 AAC 10739 AAC 10740 AAC 10741 AAC	IEEE 802.11ax (40 MHz. MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10721 AAC 10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10729 AAC 10729 AAC 10730 AAC 10731 AAC 10732 AAC 10733 AAC 10734 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10739 AAC 10739 AAC 10739 AAC 10739 AAC 10739 AAC 10740 AAC 10741 AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10722 AAC 10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10729 AAC 10729 AAC 10729 AAC 10730 AAC 10731 AAC 10732 AAC 10733 AAC 10734 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10739 AAC 10739 AAC 10734 AAC 10735 AAC 10738 AAC 10739 AAC 10740 AAC 10741 AAC 10742 AAC	IEEE 802.11ax (80 MHz, MC51, 90pc duty cycle)	WLAN	8.07	±9.6
10723 AAC 10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10729 AAC 10729 AAC 10730 AAC 10731 AAC 10732 AAC 10733 AAC 10734 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10739 AAC 10738 AAC 10739 AAC 10738 AAC 10740 AAC 10741 AAC 10742 AAC	IEEE 802.11ax (80 MHz. MCS2, 90pc duty cycle)	WLAN	8.7 6	29.6
10724 AAC 10725 AAC 10726 AAC 10727 AAC 10728 AAC 10729 AAC 10729 AAC 10729 AAC 10730 AAC 10731 AAC 10732 AAC 10734 AAC 10735 AAC 10736 AAC 10738 AAC 10738 AAC 10739 AAC 10734 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10740 AAC 10741 AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10725 AAC 10726 AAC 10727 AAC 10728 AAC 10729 AAC 10729 AAC 10730 AAC 10731 AAC 10732 AAC 10733 AAC 10734 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10739 AAC 10738 AAC 10739 AAC 10739 AAC 10734 AAC 10735 AAC 10738 AAC 10739 AAC 10740 AAC 10741 AAC 10742 AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10726 AAC 10727 AAC 10728 AAC 10729 AAC 10729 AAC 10729 AAC 10730 AAC 10731 AAC 10732 AAC 10733 AAC 10734 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10739 AAC 10739 AAC 10740 AAC 10741 AAC 10742 AAC	IEEE 802.11ex (80 MHz, MCS5, 90pc duty cycle)	WLAN	8,90	±9,6
10727 AAC 10728 AAC 10729 AAC 10730 AAC 10731 AAC 10732 AAC 10733 AAC 10734 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10739 AAC 10738 AAC 10738 AAC 10738 AAC 10738 AAC 10741 AAC 10742 AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	-8.74	±9.6
10728 AAC 10729 AAC 10730 AAC 10731 AAC 10732 AAC 10733 AAC 10734 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10739 AAC 10739 AAC 10730 AAC 10731 AAC 10732 AAC 10734 AAC 10735 AAC 10736 AAC 10738 AAC 10739 AAC 10740 AAC 10741 AAC 10742 AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10729 AAC 10730 AAC 10731 AAC 10732 AAC 10733 AAC 10734 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10739 AAC 10738 AAC 10739 AAC 10739 AAC 10740 AAC 10741 AAC 10742 AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10730 AAC 10731 AAC 10732 AAC 10733 AAC 10734 AAC 10735 AAC 10736 AAC 10737 AAC 10738 AAC 10739 AAC 10739 AAC 10739 AAC 10739 AAC 10740 AAC 10741 AAC 10742 AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10731 AAC 10732 AAC 10732 AAC 10733 AAC 10734 AAC 10736 AAC 10736 AAC 10737 AAC 10738 AAC 10738 AAC 10739 AAC 10739 AAC 10740 AAC 10741 AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WEAN	8.64	+9.6
10731 AAC 10732 AAC 10732 AAC 10733 AAC 10734 AAC 10736 AAC 10736 AAC 10737 AAC 10738 AAC 10738 AAC 10739 AAC 10739 AAC 10740 AAC 10741 AAC	IEEE 802.11 ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	+9.6
10732 AAC 10733 AAC 10734 AAC 10735 AAC 10735 AAC 10736 AAC 10738 AAC 10738 AAC 10738 AAC 10739 AAC 10740 AAC 10741 AAC 10742 AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9,6
10733 AAC 10734 AAC 10735 AAC 10735 AAC 10736 AAC 10738 AAC 10738 AAC 10738 AAC 10738 AAC 10740 AAC 10741 AAC 10741 AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
10734 AAC 10735 AAC 10736 AAC 10736 AAC 10738 AAC 10738 AAC 10739 AAC 10740 AAC 10741 AAC 10741 AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10735 AAC 10736 AAC 10737 AAC 10737 AAC 10738 AAC 10738 AAC 10740 AAC 10741 AAC 10741 AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10736 AAC 10737 AAC 10738 AAC 10738 AAC 10739 AAC 10740 AAC 10741 AAC 10742 AAC	IEEE 802.11as (80 MHz, MCS4, 99pc duty cycle)	WEAN	8.33	±9.6
10737 AAC 10738 AAC 10738 AAC 10739 AAC 10740 AAC 10741 AAC 10742 AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	19.6
10738 AAC 10739 AAC 10740 AAC 10741 AAC 10742 AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10739 AAC 10740 AAC 10741 AAC 10742 AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8,42	±9.6
10740 AAC 10741 AAC 10742 AAC	IEEE 802.11ax (60 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
10741 AAC 10742 AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	19.6
10742 AAC	IEEE 802 11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
	the second state way and the second state state and a state of the second state of the	WLAN	8,43	±9.6
10743 AAC :		WLAN	8,94	
a second of the second s	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN		±9.6
	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)		9,16	+9.6
and the state of t	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.93	#9.6
and the state of t	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	9.11	±9.6
and the second sec	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS50, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.04	±9.6
	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.93	±9,6
	IEEE 802.11ax (80 MHz, MC511, 99pc duty cycle) IEEE 802.11ax (160 MHz, MC50, 90pc duty cycle) IEEE 802.11ax (160 MHz, MC51, 90pc duty cycle) IEEE 802.11ax (160 MHz, MC53, 90pc duty cycle) IEEE 802.11ax (160 MHz, MC53, 90pc duty cycle) IEEE 802.11ax (160 MHz, MC55, 90pc duty cycle) IEEE 802.11ax (160 MHz, MC55, 90pc duty cycle)	WLAN	8.90	19.6
	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)		8,79	±9,6
10751 AAC 10752 AAC	IEEE 802.11ax (80 MHz, MC511, 99pc duty cycle) IEEE 802.11ax (160 MHz, MC50, 90pc duty cycle) IEEE 802.11ax (160 MHz, MC51, 90pc duty cycle) IEEE 802.11ax (160 MHz, MC53, 90pc duty cycle) IEEE 802.11ax (160 MHz, MC53, 90pc duty cycle) IEEE 802.11ax (160 MHz, MC55, 90pc duty cycle) IEEE 802.11ax (160 MHz, MC55, 90pc duty cycle)	WLAN WLAN	8.82	±9.6 ±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k =
10.753	AAG	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
0754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WEAN	8.94	±9,6
0758	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
0756	AAC	IEEE 802.11 ax (160 MHz. MCS1, 99pc duty cycle)	WLAN	8.77	±8.6
0767	AAC	IEEE 802.11ax (160 MHz. MCS2, 99pc duty cycle)	WLAN	8,77	±9,6
0758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WEAN	8.49	±9.6
10781	AAC	TEEE 802.11 ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.58	19,6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	19.6
10763	AAC	IEEE 802.11ax (160 MHz: MCS8, 99pc duty cycle)	WLAN	8.53	+9.6
10764	AAC	IEEE 802.11ax (160 MHz. MCS9, 99pc duty cycle)	WLAN	8.54	19,6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	19.6
10767	AAG	SG NR (CP-OFDM, 1 RB, SMHz, QPSK, 15kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, OPSK, 15 kHz)	5G NR FR1 TDD	8.01	+9.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, OPSK, 15 kHz)	SG NR FR1 TDD	8,01	±9.6
10770	AAE	SG NR (CP-OFDM, 1 RB, 20 MHz, OPSK, 15 kHz)	SG-NR FR1 TDD	8.02	±0.0
10771	AAD	SG NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 HHz)	5G NR FR1 TDD	8.02	19.6
10772	AAE		5G NR FR1 TDD		
10772	AAF	5G NR (CP-OFDM, 1 RB, 30 MHz, OPSK, 15 kHz)	and the second s	8.23	±9.6
and share the lot of the lot of	and a state of the	5G NR (CP-OFDM, 1 RB, 40 MHz, OPSK, 15kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, OPSK, 16 kHz)	5G NR FR1 TDD	8.02	±9.6
10775	AAF	5G NR (CP-OFDM, 50% RB, 5MHz, QPSK, 15xHz)	SG NR FR1 TDD	8.31	±9.6
10776	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.30	±9.6
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, GPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.42	±9,6
10780	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10781	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, OPSK, 15kHz)	5G NR FR1 TDD	8.38	±9,6
10.782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9,6
10783	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10784	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	生物的
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, OPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10786	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
10787	(JAAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8,44	19.6
10788	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.39	±9.6
10789	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	19.6
10790	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	19.8
10791	AAG	50 NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10792	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	19.6
10793	AAD	5G NR (CP-OFDM, 1 R8, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	19.6
10794	AAE	50 NR (CP-OFDM, 1 RB, 28 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, OPSK, 30 kHz)	5G NB FR1 TDD	7.84	+9.6
10796	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10.797	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, OPSK, 30 kHz)	SG NR FR1 TDD	8.01	+9.6
10798	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	7,89	19.6
10799	AAF	5G NR (CP-OFDM, 1 R8, 60 MHz, OP5K, 30 kHz)	5G NR FR1 TDD	7.93	19.6
10801	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	19.6
10.802	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	19.6
10803	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	7.93	19.6
10805	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	19.6
10806	AAD	5G NR (CP-OFDM, 58% RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TDD	B.37	19.6
10809	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, OPSK, 30 kHz)	50 NR FR1 TDD	8.34	19.6
10810	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, OPSK, 30 KHz)	SG NR FR1 TDD	8.34	±9.0 ±9.6
10812	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, CPSK, 30 KHz) 5G NR (CP-OFDM, 50% RB, 60 MHz, CPSK, 30 kHz)	5G NR FR1 TDD	8.34	
10817					+9.6
10818	AAE		5G NR FR1 TDD	8.35	±9.6
10819	and print statements	5G NR (CP-OFDM, 100% RB, 10 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
	AAD	SG NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	+9.6
10820	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, OP5K, 30 kHz)	5G NR FR1 TDD	8,30	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QP5K, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10822	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	B.41	±9.6
10823	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
10824	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10825	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10827	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	19.6
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	8,43	19.6

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0829	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QP5K, 30 kHz)	5G NR FR1 TDD	8.40	+9.6
0.830	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7,63	±9.6
0.831	AAD	5G.NR (CP-DFDM, 1 RB, 15MHz, QPSK, 80 kHz)	5G NR FR1 TDD	7.73	±9.6
0832	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7,74	±9.6
0.833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.0
0.834	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
0.635	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.70	19.6
0836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	BG NR FR1 TDD	7.66	19.6
0837	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	19.E
0839	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	7.70	±9.8
0840	AAE	5G NR (CP-OFDM, 1 FB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
0841	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz; QPSK, 60 kHz)	56 NR FR1 TDD	7.71	=9.6
0843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 80 xHz)	3G NR FR1 TDD	8.49	±9.6
0844	AAE	5G NR (CP-OFDM, 50% R8, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8:34	+9.6
0.846	AAE	5G NR (CP-OFDM, 50% R8, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8,41	±9.6
0.854	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FRt TDD	8.34	±9.6
0.855	AAD	50 NR (CP-OFDM, 100% RB, 15 MHz, OPSK, 60 kHz)	SG NR FR1 TDD	8,36	±9.6
0.656	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QP5K, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
0857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
0858	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
0.859	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
0860	AAE	56 NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
0.061	AAF	50 NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FRI TDD	8.40	±9.6
0.863	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz; OPSK, 60 kHz)	5G NR FR1 TDD	8,41	:9.6
0.864	AAE	56 NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
0.965	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
0.866	AAF	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.68	19.6
0868	AAF	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9,6
0869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, OPSK, 120 kHz)	5G NR FR2 TOD	5.75	+9.6
0870	AAE	5G NR (DFT-9-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	19.6
0871	AAE	5G NR (DFT-I-OFDM, 1 RB, 100 MHz, 16GAM, 120 kHz)	5G NR FR2 TDD	5.75	19,6
0872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	19.6
0873	AAE	5G NR (DFT-9-OFDM, 1 RB, 100 MHz, 64QAM, 120 HHz)	5G NR FR2 TOD	6.61	19.6
0874	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	19.6
0875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 T0D	7.78	19.6
0876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	SG NR FR2 TDD	8.39	19.6
0877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	19.6
0878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16GAM, 120 kHz)	5G NR FR2 TDD	8,41	±9.6
0879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8,12	+9.6
0.880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	+9.6
0881	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
0882	AAE	5G NR (DFT+-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	+9.6
1883	AAE	5G NR (DFT-s-OFDM, 1 R8, SOMHz, 16QAM, 120KHz)	5G NR FR2 TDD	6.57	and the second second
0884	AAE	5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	SG NR FR2 TDD	6.53	±9.6
0885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)		and the second second	±9.6
0886	AAE	5G NR (DFTs-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	6.61 6.65	+9.6
1587	AAE	SG NR (CP-OFDM, 1 RB, 50 MHz, OPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)			19.6
889	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 Hz)	5G NR FR2 TD0 5G NR FR2 TD0	8.35	±9.6
2890	AAE	5G NR (CP-OFDM, 190% RB, 50 MHz, 16GAM, 120 Hz)	5G NR FR2 TD0	8.02	19.6
0891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)		8.40	19.6
892	AAE	SG NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
0897	AAE	5G NR (DFT-e-OFDM, 1 RB, 5 MHz, OPSK, 30 kHz)	5G NR FR2 TDD 5G NR FR1 TDD	8,41	±9,6
9686	AAC	SG NR (DFT-6-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
899	AAB	SG NR (DFT+0-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)			+9.6
900		5G NR (DFT+0-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	+9.6
1901		5G NR (DFT=0-OFDM, 1 RB, 25MHz, QPSK, 30MHz)	5G NR FR1 TDD	5.68	±9.6
902	AAC	SG NR (DFT=-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.68	+9.6
902	AAD	SG NR (DFT+0-OFDM, 1 R8, 40 MHz, QPSK, 30 Hz)	and the second se	5.68	+9.6
1904	AAC	5G NR (OFTS OFDM, 1 RB, SOMHZ, OPSK, SOMHZ)	5G NR FRI TDD	5.68	±9.6
905	AAD	SG NR (DFTs-OFDM, THB, SOMHZ, GPSK, 30KHZ)	5G NR FR1 TDD	5.68	±9.6
906	AAD	5G NR (DFT-I-OFDM, T R8, 80 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	5.68	±9.6
9007	AAE	a second of the second s	5G NR FR1 TDD	5.68	±9/6
908	AAC	5G NR (DFT+-OFDM, 50% R8, 5 MHz, QPSK, 30 kHz) 5G NR (DFT+-OFDM, 50% R8, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	19.6
909	AAE	5G NR (DFT+LOFDM, 50% R8, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
territoria and the	AAC	SG NR (DFT+-OFDM, 50% R8, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	: 9.6
910	PARA	5G NR (DFT-e-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

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10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	+9.6
10912	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, GPSK, 30 kHz)	5G NR FR1 TOD	5.84	#9.6
10913	AAD	5G NR (DFT-6-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	AAC	5G NR (OFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10915	AAD	5G NR (DFT-8-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	5.80	±9.6
10916	AAD	5G NR (DFT & 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, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAE	5G NR (DFFs-OFDM, 100% RB, 5MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.86	±9.6
10919	AAG	A Conception of the second	SG NR FR1 TDD	5.86	Contract of the last of
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 10MHz, QPSK, 30 kHz)			19.6
10921	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz; QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
	and the second second	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, OP5K, 30 kHz)	5G NR FR1 TDD	5,84	19.6
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 KHz)	56 NR FR1 TDD	5.84	19.6
10924	AAD	5G NR (DFT-6-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9,6
10925	AAC	5G NR (DFT-s-OFDM, 100% R8, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9,6
10.926	AAD	6G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10927	AAD	5G NR (DFT-6-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	SG NR (DFTs-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10.931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10932	AAC .	5G NR (DFT-s-OFDM, I RB, 25 MHz, QP5K, 15 kHz)	5G-NR FR1 FDD	5.51	±9.6
10933	AAC	5G NR (DFT-8-OFDM, 1 R8, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	19.6
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	19.6
10935	GAA	5G NR (DFT-p-OFDM, 1 R8, 50 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	+9.6
10936	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	19.6
10937	AAD	5G NR (DFT:s-OFDM, 50% RB, 10 MHz, QPSK, 15 NHz)	5G NR FR1 F0D	5.77	+9.6
10938	AAC	5G NR (DFT/s-OFDM, 50% RB, 15MHz, GPSK, 15MHz)	5G NR FR1 FDD	5.90	+9.6
10839	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	19.6
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, GPSK, 15 kHz)	5G NR FR1 FDD	5.89	19.6
10941	AAG	5G NR (DFT-e-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10.942	AAC	5G NR (DFTs-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD		
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15kHz)	SG NR FR1 FDD	5.85	±9.6
10944	AAD	5G NR (DFT-6-OFDM, 100% RB, 50MHz, QPSK, 15kHz)	and the second		±9.6
10945	AAD	and the part of a standard for an incompany part of the standard in the barry of the standard in t	5G NR FR1 FDD	5,81	19.6
		5G NR (DFTs-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10946	AAC	5G NR (DFT& OFDM, 100% RB, 15MHz, QP5K, 15kHz)	5G NR FR1 FDD	5.83	±9.6
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10948	AAC	5G NR (DFT-s-OFDM, 100% R8, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10949	AAC	5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK; 15 kHz)	5G NR FR1 FDD	5.87	19.6
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5,94	±9,6
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±9.6
10952	AAA,	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.25	29.6
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	SQ NR FR1 FDD	8.15	±9.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	+9.6
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	+9.6
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	±9.6
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	19.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	B.61	±9.6
10959	AAA	SG NR DL (CP-OEDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	SG NR FR1 FDD	8.33	±9.6
10.960	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6
10.951	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	19.6
10.962	AAB	5G NR DL (CP-DFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	SG NR FR1 TDD	9.40	±9.6
10963	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	+9.6
10964	AAE	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	9.55	10.000
10965	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
10966		SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)		10.00	±9.6
10967	AAC	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-GAM, 30 KHz)	5G NR FR1 TDD	9.55	±9.6
10968	AAD	5G NPI DL (CP-OFDM, TM 3.1, 100 MHz, 64-DAM, 30 kHz)	5G NR FR1 TDD	9.42	+0.6
10972			5G NR FR1 TDD	9.49	±9.6
and the second second	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15kHz)	5G NR FR1 TDD	11.59	±9.6
10973	AAD	5G NR (DFT-9-OFDM, 1 RB, 100 MHz, GPSK, 30 kHz)	SG NR FRT TDD	9,08	±9.6
10974	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz; 256-QAM, 30 kHz)	SG NR FR1 TDD	10.28	±9.6
10978	AAA	ULLA BOR	ULLA	1,16	±9.6
10979	AAA,	ULLA HDR4	ALU:	8.58	±9.6
10980	A,A,A	ULLA HDR8	ULLA	10.32	19.6
10981	A.A.A	ULLA HDRp4	ULLA	3.19	±9.6
10982	AAA	ULLA HDRp8	LILLA	3.43	+9.6

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10983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TOD	9.37	+9.6
10.084	8AA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	50 NR FRI TOD	9.54	±9.6
10986	BAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10.987	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	19.6
10988	BAA.	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAC	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	BAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
11003	AAA	58 NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10,24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.70	+9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.46	±9.6
11008	AAA	53 NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	+9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64 QAM, 30 kHz)	SG NR FR1 FDD	8,96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	SG NR FR1 FDD	8.68	±9.6
11013	AAB	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	19.6
11014	AAB	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	19.6
11015	AAB	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAB	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	19.6
11017	AAB	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	5.41	+9.6
1018	AAB	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	19.6
11019	AAS	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAB	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAB	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	B.46	19.6
1022	AAB	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WEAN	8.36	±9.6
1023	AAB	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	19.6
1024	AAB	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAB	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAB	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	+9.6

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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he Swiss Accreditation	04 Zurich, Switzerland Accreditation Service on Service is one of t for the recognition of	he signatories			ibration Service
lient BV Gyeonggi-	do, Republic of Korea		Certificate No.	D2450V2-7	794_Feb25/2
CALIBRATIO	N CERTIFICA	TE (Repla	acement of No: D245	0V2-794_F	eb25)
Object	D2450V	2 - SN: 794			
Calibration procedure(s) QA CAL Calibration		and the second se	re for SAR Validation Sour	rces between	0.7 - 3 GHz
Calibration date	Februar	y 19, 2025			
Calibration Equipment	used (M&TE critical fo	r calibration)			
Primary Standards	2D 10T	ID	Cal Date (Certificate No.)		Scheduled Cal
Power Sensor R&S NR		ID SN: 100967 SN: 101859	Cal Date (Certificate No.) 28-Mar-24 (No. 217-04038) 06-Feb-25 (No. 4030A31500954)	1)	Scheduled Cal Mar-25 Feb-26
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Calibration Laboratory of Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland

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



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

- IEC/IEEE 62209-1528, 'Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)', October 2020.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation

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

Accreditation No.: SCS 0108



D2450V2 - SN: 794

February 19, 2025

Measurement Conditions

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

DASY Version	DASY8 Module SAR	16.4.0
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with spacer
Zoom Scan Resolution	dx, dy = 5mm, dz = 1.5mm	Graded Ratio = 1.5 mm (Z direction)
Frequency	2450MHz ±1MHz	

Head TSL parameters at 2450 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.2	1.80 mho/m
Measured Head TSL parameters	(22.0 ±0.2)°C	37.7 ±6%	1.85 mho/m ±6%
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 2450 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	24 dBm input power	13.4 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	53.3 W/kg ±17.0% (k = 2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	24 dBm input power	6.28 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	25.0 W/kg ±16.5% (k = 2)

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 2450 MHz

Impedance	56,4 Ω + 5,1 jΩ
Return Loss	-22.3 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.153 ns	
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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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	D24	50V	2 - S	N: 7	794
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System Performance Check Report

Summary

Dipelie	Frequency (MHz)	TSL	Power (attes)	
D2450V2 - \$N794	2450	HSL.	24	

Exposure Conditions

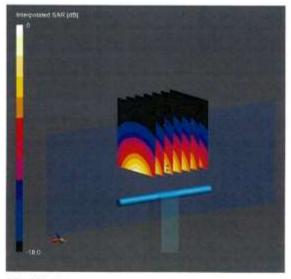
Phantom Section, TSL	Test Distance (mm]	Bard	Group, UID	Frequency (WHE), Channel Number	Conversion Fastor	TSL Conductivity (5/m)	TSL Permittivity
Flat	10	-	CW. 0++	2450,0	7.06	7.85	37.7

Hardware Setup

Phantom	TSL. Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP V6.0 Center	H5L, 2025-02-19	EX30744 - 5N7349, 2025-01-10	DAE4ip 5o1836, 2024-10-28

Scans Setup

Scans Setup	Measurement Results		
	Zoom Scan		Zoom Scan
Grid Extents (mm)	30 x 30 x 30	Date	2025-02-19
Grid Steps (mm)	5.0 + 5.0 × 1.5	psSAR1g (W.Kg)	11.4
Sensor Surface (mm)	14	px\$4810g (W/Kg)	6.28
Graded Cod	Yei	Power Drift (dil)	0.00
Grading Ratio	1,3	Power Scaling	Disabled
MALA	N/A	Scaling Factor (dll)	
Surface Detection	VM5 + 6p	TSL Correction	Positive / Negative
Stan Method	Measured		



0 dB = 27.9 W/Kg

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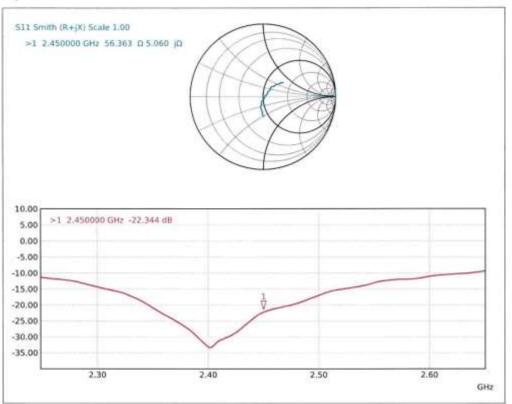
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Impedance Measurement Plot for Head TSL



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Appendix D. SAR Tissue Specifications

Measurement Procedure for Tissue verification:

- 1) The network analyzer and probe system was configured and calibrated.
- 2) The probe was immersed in the tissue. The tissue was placed in a nonmetallic container. Trapped air bubbles beneath the flange were minimized by placing the probe at a slight angle.
- 3) The complex admittance with respect to the probe aperture was measured.
- 4) The complex relative permittivity ε' can be calculated from the below equation (Pournaropoulos and Misra):

$$Y = \frac{j2\omega\varepsilon_r\varepsilon_0}{\left[\ln(b/a)\right]^2} \int_a^b \int_a^b \int_0^a \cos\phi' \frac{\exp\left[-j\omega/(\mu_0\varepsilon_r^{'}\varepsilon_0)^{1/2}\right]}{r} d\phi' d\rho' d\rho$$

where Y is the admittance of the probe in contact with the sample, the primed and unprimed coordinates refer to source and observation points, respectively, $r_2 = \rho_2 + \rho'_2 - 2\rho\rho'\cos\phi'$, ω is the angular frequenc y, and $j = \sqrt{-1}$.

Frequency (MHz)	2 450		
Tissue	Head		
Ingredients (% by weight)			
Bactericide	-		
DGBE	-		
HEC	-		
Nacl	0.1		
Sucrose	-		
Tween 20	45.0		
Water	54.9		

Table D-1 Composition of the Tissue Equivalent Matter - Head

Table D-2 Recommended Tissue Dielectric Parameters (IEC 1528-2013)

Frequency (MHz)	Relative permittivity (E',)	Conductivity (σ) (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
1450	40.5	1.20
1500	40.4	1.23
1640	40,2	1.31
1750	40.1	1.37
1800	40.0	1.40
1900	40.0	1.40
2000	40.0	1.40
2100	39.8	1.49
2300	39.5	1.67
2450	39.2	1.80
2600	39.0	1.96
3000	38.5	2.40
3500	37.9	2.9/
4000	37.4	3.43
4500	36.8	3.94
5000	36.2	4.45
5200	36.0	4.66
5400	35.8	4.86
5600	35.5	5.07
5800	35.3	5.27
6000	35.1	5.48



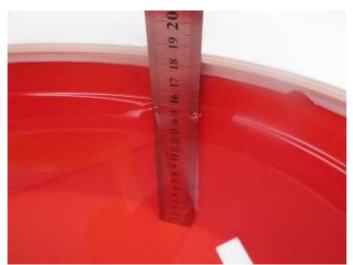


Figure D-1 Liquid Height for Head Position (ELI Phantom)

The End.

