

Appendix A. Plots of System Verification

The plots for system verification are shown as follows.



Plots of System Verification

Measurement Report S01 System Check_H2450_230517 Device under Test Properties

Model, Manufacturer Dimensions [mm] IMEI DUT Type

Dipole 10.0 x 10.0 x 300.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
				Chainlei Number			

Hardware Setup

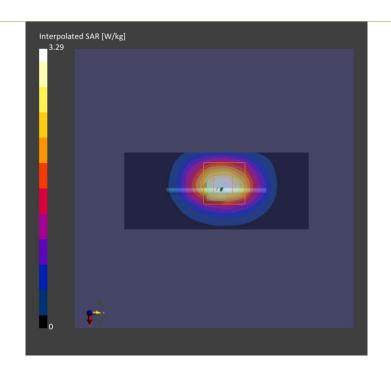
Phantom		TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date	
ELI V5.0 (20deg probe tilt) - 2	2105	H06T27N6 , 2023-May-17	EX3DV4 - SN7797, 2022-12-12	DAE4 Sn1590, 2022-09-22	

Scan Setup

Area Scan	Zoom Scan
48.0 x 96.0	30.0 x 30.0 x 30.0
12.0 x 12.0	5.0 x 5.0 x 5.0
3.0	1.4
	12.0 x 12.0

Measurement Results

	Area Scan	Zoom Scan
Date	2023-05-17	2023-05-17
psSAR1g [W/kg]	2.54	2.57
psSAR10g [W/kg]	1.23	1.21
Power Drift [dB]	-0.08	-0.12





Plots of System Verification

Measurement Report S02 System Check_H5250_230517 Device under Test Properties

Model, Manufacturer Dimensions [mm] IMEI DUT Type

Dipole 10.0 x 10.0 x 300.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
				Chainlei Number			

Hardware Setup

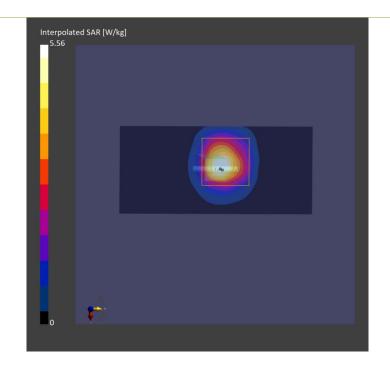
Phantom		TSL, Measure	d Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) -	2105	H51T72N6	, 2023-May-17	EX3DV4 - SN7797, 2022-12-12	DAE4 Sn1590, 2022-09-22

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface	3.0	1.4
[mm]		

Measurement Results

	Area Scan	Zoom Scan
Date	2023-05-17	2023-05-17
psSAR1g [W/kg]	3.68	4.24
psSAR10g [W/kg]	1.17	1.22
Power Drift [dB]	0.02	0.02





Zoom Scan2023-09-19
3.83
1.08
-0.02
60.4

7.6

Plots of System Verification

Measurement Report S03 System Check_H5800_230919 Device under Test Properties

Model, Manufacturer Dimensions [mm] IMEI DUT Type

Dipole 10.0 x 10.0 x 300.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Numbe	Conversion Factor r	TSL Conductivity [S/m]	TSL Permittivity
Flat				5800.0	5.16	5.18	36.5

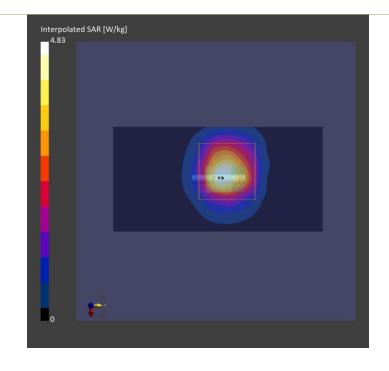
Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2118	H51T72N5 , 2023-Sep-19	EX3DV4 - SN7555, 2023-07-19	DAE4 Sn1585, 2023-07-14

Measurement Results

Scan Setup

	Area Scan	Zoom Scan		Area Scan	
Grid Extents [mm]	40.0 x 80.0	24.0 x 24.0 x 22.0	Date	2023-09-19	
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	psSAR1g [W/kg]	3.38	
Sensor Surface	3.0	1.4	psSAR10g [W/kg]	1.05	
[mm]			Power Drift [dB]	-0.01	
			M2/M1 [%]		
			Dist 3dB Peak [mm]		





Plots of System Verification

Measurement Report S04 System Check_H2450_230525 Device under Test Properties

Model, Manufacturer Dimensions [mm] IMEI DUT Type

Dipole 10.0 x 10.0 x 300.0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
				Chamile Number			

Hardware Setup

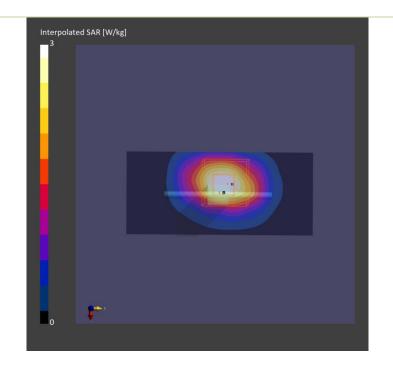
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H06T27N4 , 2023-May-25	EX3DV4 - SN3971, 2023-01-20	DAE4 Sn1277, 2023-01-24

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2023-05-25	2023-05-25
psSAR1g [W/kg]	2.36	2.41
psSAR10g [W/kg]	1.14	1.13
Power Drift [dB]	0.01	-0.01





Appendix B. Plots of Measurement

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination are shown as follows.



Measurement Report P01 WLAN2.4G_802.11b_Rear Face_0mm_Ch6_Ant 0 Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
BFMI-WTW-P23040655	144.0 x 160.0 x 11.0		Tablet	

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Numbe	Conversion Factor er	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Rear Face,	WLAN	WLAN,	2437.0,	7.39	1.85	42.7
	0.00	2.4GHz	10012-CAB	6			

Hardware Setup

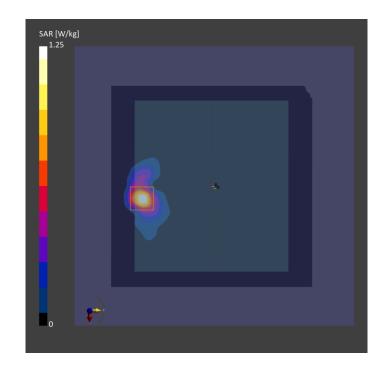
Phantom		TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2	2105	H06T27N6 , 2023-May-17	EX3DV4 - SN7797, 2022-12-12	DAE4 Sn1590, 2022-09-22

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	192.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2023-05-17	2023-05-17
psSAR1g [W/kg]	0.905	1.14
psSAR10g [W/kg]	0.373	0.405
Power Drift [dB]	-0.01	0.03
M2/M1 [%]		67.2
Dist 3dB Peak [mm]		5.0





Measurement Report P02 WLAN5.2G_802.11ac VHT80_Rear Face_0mm_Ch42_Ant 0 Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BEMI-WTW-P23040655	144.0 x 160.0 x 11.0		Tablet

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Numbo	Conversion Factor er	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Rear Face,	WLAN	WLAN,	5210.0,	4.89	4.64	35.6
	0.00	5GHz	10544-AAC	42			

Hardware Setup

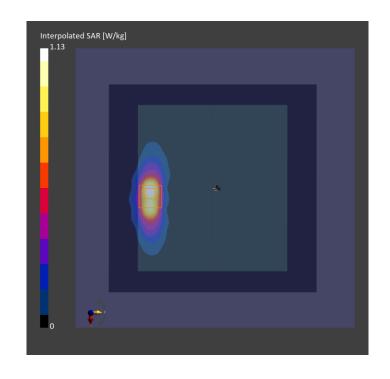
Phantom TSL, Measured Date		Probe, Calibration Date	DAE, Calibration Date	
ELI V8.0 (20deg probe tilt) -	2105	H51T72N6 , 2023-May-17	EX3DV4 - SN7797, 2022-12-12	DAE4 Sn1590, 2022-09-22

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	200.0 x 200.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2023-05-17	2023-05-17
psSAR1g [W/kg]	0.799	1.06
psSAR10g [W/kg]	0.314	0.318
Power Drift [dB]	0.04	0.05
M2/M1 [%]		61.7
Dist 3dB Peak [mm]		4.5





Measurement Report P03 WLAN5.8G_802.11ac VHT80_Rear Face_0mm_Ch155_Ant 0 Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BEMI-WTW-P23040655	144.0 x 160.0 x 11.0		Tablet

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Rear Face,	WLAN	WLAN,	5775.0,	5.16	5.18	36.5
	0.00	5GHz	10544-AAC	155			

Hardware Setup

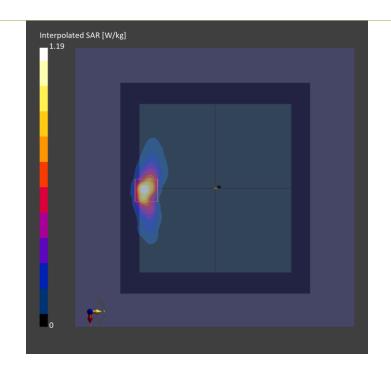
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2118	H51T72N5 , 2023-Sep-19	EX3DV4 - SN7555, 2023-07-19	DAE4 Sn1585, 2023-07-14

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	200.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2023-09-19	2023-09-19
psSAR1g [W/kg]	0.855	0.981
psSAR10g [W/kg]	0.281	0.295
Power Drift [dB]	0.06	-0.04
M2/M1 [%]		57.0
Dist 3dB Peak [mm]		5.1





Measurement Report P04 BT_BDR_Rear Face_0mm_Ch39_Ant 0 Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BEMI-WTW-P23040655	144.0 x 160.0 x 11.0		Tablet

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Rear Face,	ISM 2.4	Bluetooth,	2441.0,	8.26	1.81	42.1
	0.00	GHz Band	10032-CAA	39			

Hardware Setup

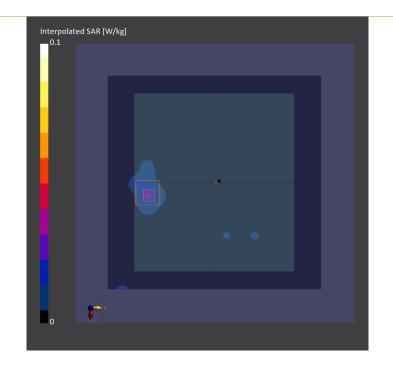
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H06T27N4 , 2023-May-25	EX3DV4 - SN3971, 2023-01-20	DAE4 Sn1277, 2023-01-24

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	192.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2023-05-25	2023-05-25
psSAR1g [W/kg]	0.024	0.031
psSAR10g [W/kg]	0.010	0.013
Power Drift [dB]	-0.02	-0.01
M2/M1 [%]		43.2
Dist 3dB Peak [mm]		5.9





Appendix D. Maximum Target Conducted Power

The maximum conducted average power (Unit: dBm) including tune-up tolerance is shown as below.



Tune-up Power (Full)					
	WLAN 2	2.4GHz			
Mode Channel Frequency SISO Ant 0 Max Tune u					
	1	2412	13.0		
802.11b	6	2437	13.0		
	11	2462	13.0		
	1	2412	13.0		
802.11g	6	2437	13.0		
	11	2462	13.0		
	1	2412	13.0		
802.11n HT20	6	2437	13.0		
	11	2462	13.0		



Tune-up Power (Full)						
	Bluet	ooth				
Mode	Channel	Channel Frequency Max				
	0	2402	2.0			
BR / EDR	39	2441	2.0			
	78	2480	2.0			
	0	2402	2.0			
LE	19	2440	2.0			
	39	2480	2.0			



Tune-up Power (Full)					
	WLAN 5.2GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up		
	36	5180	12.5		
802.11a	40	5200	12.5		
002.114	44	5220	12.5		
	48	5240	12.5		
	36	5180	12.5		
802.11n HT20	40	5200	12.5		
002.111111120	44	5220	12.5		
	48	5240	12.5		
802.11n HT40	38	5190	12.5		
002.111111140	46	5230	12.5		
	36	5180	12.5		
802.11ac VHT20	40	5200	12.5		
002.11ac v11120	44	5220	12.5		
	48	5240	12.5		
802.11ac VHT40	38	5190	12.5		
002.11ac v11140	46	5230	12.5		
802.11ac VHT80	42	5210	12.5		



Tune-up Power (Full)				
WLAN 5.8GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	
	149	5745	12.0	
	153	5765	12.0	
802.11a	157	5785	12.0	
	161	5805	12.0	
	165	5825	12.0	
	149	5745	12.0	
	153	5765	12.0	
802.11n HT20	157	5785	12.0	
	161	5805	12.0	
	165	5825	12.0	
802.11n HT40	151	5755	12.0	
002.111111140	159	5795	12.0	
	149	5745	12.0	
	153	5765	12.0	
802.11ac VHT20	157	5785	12.0	
	161	5805	12.0	
	165	5825	12.0	
802.11ac VHT40	151	5755	12.0	
002.11ac v11140	159	5795	12.0	
802.11ac VHT80	155	5775	12.0	



Appendix E. Measured Conducted Power Result

The measuring conducted power (Unit: dBm) are shown as below.



Conducted Power (Full)			
\	NLAN2.4G	Hz Ant 0	
Mode	Channel	SISO Ant 0 Avg. Power	
	1	2412	12.94
802.11b	6	2437	12.95
	11	2462	12.75
	1	2412	12.91
802.11g	6	2437	12.88
	11	2462	12.78
	1	2412	12.92
802.11n HT20	6	2437	12.89
	11	2462	12.79



Conducted Power (Full)					
	Bluetooth	n Ant 0			
Mode Channel Frequency SISO Ant 0 Avg. Power					
	0	2402	1.91		
BR / EDR	39	2441	1.95		
	78	2480	1.89		
	0	2402	1.87		
LE	19	2440	1.9		
	39	2480	1.85		



Conducted Power (Full)					
V	WLAN 5.2GHz Ant 0				
Mode	Channel	Frequency	SISO Ant 0 Avg. Power		
	36	5180	12.49		
802.11a	40	5200	12.48		
002.11a	44	5220	12.45		
	48	5240	12.43		
	36	5180	12.38		
802.11n HT20	40	5200	12.41		
002.111111120	44	5220	12.41		
	48	5240	12.4		
802.11n HT40	38	5190	12.37		
002.111111140	46	5230	12.45		
	36	5180	12.46		
802.11ac VHT20	40	5200	12.44		
002.11ac VH120	44	5220	12.4		
	48	5240	12.45		
802.11ac VHT40	38	5190	12.43		
002.11dC VIT140	46	5230	12.41		
802.11ac VHT80	42	5210	12.39		



Conducted Power (Full)				
V	WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power	
	149	5745	11.22	
	153	5765	11.74	
802.11a	157	5785	11	
	161	5805	11.6	
	165	5825	11	
	149	5745	11.82	
	153	5765	11.09	
802.11n HT20	157	5785	11.46	
	161	5805	11.39	
	165	5825	11.51	
802.11n HT40	151	5755	11.84	
002.111111140	159	5795	11.72	
	149	5745	10.98	
	153	5765	11.37	
802.11ac VHT20	157	5785	11.27	
	161	5805	11.31	
	165	5825	11.38	
802.11ac VHT40	151	5755	11.86	
002.11ac viii40	159	5795	11.95	
802.11ac VHT80	155	5775	11.74	



Appendix Z. Calibration Certificate for Probe and Dipole

The SPEAG calibration certificates are shown as follows.

Calibration Laboratory of

Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland





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

Accredited by the Swiss Accreditation Service (SAS)

The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Client

B.V. ADT

Accreditation No.: SCS 0108

Certificate No: D2450V2-737_Feb23

CALIBRATION CERTIFICATE

Object D2450V2 - SN:737

Calibration procedure(s) QA CAL-05.v12

Calibration Procedure for SAR Validation Sources between 0.7-3 GHz

Calibration date: February 20, 2023

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-22 (No. 217-03525/03524)	Apr-23
Power sensor NRP-Z91	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
Power sensor NRP-Z91	SN: 103245	04-Apr-22 (No. 217-03525)	Apr-23
Reference 20 dB Attenuator	SN: BH9394 (20k)	04-Apr-22 (No. 217-03527)	Apr-23
Type-N mismatch combination	SN: 310982 / 06327	04-Apr-22 (No. 217-03528)	Apr-23
Reference Probe EX3DV4	SN: 7349	10-Jan-23 (No. EX3-7349_Jan23)	Jan-24
DAE4	SN: 601	19-Dec-22 (No. DAE4-601_Dec22)	Dec-23
Secondary Standards	ID#	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: MY41093315	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-22)	In house check: Oct-24
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24
	Name	Function	Signature
Calibrated by:	Paulo Pina	Laboratory Technician	Tut 61
Approved by:	Niels Kuster	Quality Managar	1.1
Approved by:	INIEIS NUSLEI	Quality Manager	V. KOS

Issued: February 20, 2023

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

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Calibration Laboratory of

Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kalibrierdienst
C 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

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

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"

Additional Documentation:

c) 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 source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss: This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. 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%.

Report No.: SFBEMI-WTW-P23040655

Certificate No: D2450V2-737 Feb23

Measurement Conditions

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

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2450 MHz ± 1 MHz	

Head TSL parameters

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	39.3 ± 6 %	1.85 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	12.8 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	50.4 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	5.97 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.7 W/kg ± 16.5 % (k=2)

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	54.8 Ω + 4.9 jΩ
Return Loss	- 23.7 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.161 ns

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

Certificate No: D2450V2-737_Feb23 Page 4 of 6

DASY5 Validation Report for Head TSL

Date: 20.02.2023

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:737

Communication System: UID 0 - CW; Frequency: 2450 MHz

Medium parameters used: f = 2450 MHz; $\sigma = 1.85 \text{ S/m}$; $\varepsilon_r = 39.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

Probe: EX3DV4 - SN7349; ConvF(7.88, 7.88, 7.88) @ 2450 MHz; Calibrated: 10.01.2023

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn601; Calibrated: 19.12.2022

Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001

DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 112.6 V/m; Power Drift = 0.03 dB

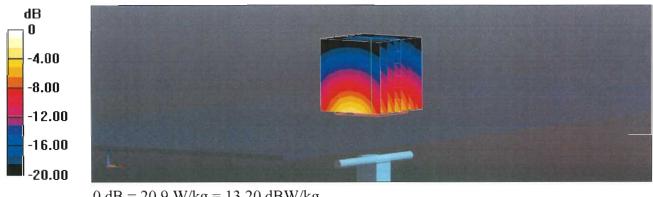
Peak SAR (extrapolated) = 25.0 W/kg

SAR(1 g) = 12.8 W/kg; SAR(10 g) = 5.97 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 50.9%

Maximum value of SAR (measured) = 20.9 W/kg

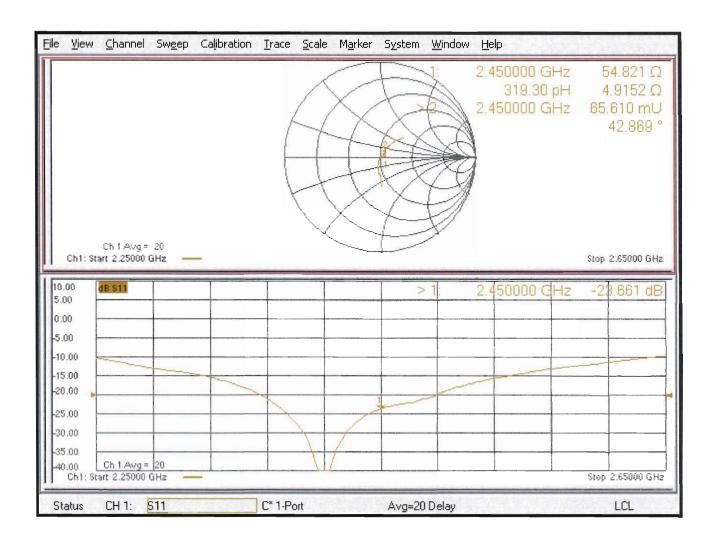


0 dB = 20.9 W/kg = 13.20 dBW/kg

Certificate No: D2450V2-737_Feb23

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Impedance Measurement Plot for Head TSL



Calibration Laboratory of

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Client B.V. ADT

Certificate No: D5GHzV2-1019 Feb23

CALIBRATION CERTIFICATE

Object D5GHzV2 - SN:1019

Calibration procedure(s) QA CAL-22.v7

Calibration Procedure for SAR Validation Sources between 3-10 GHz

Calibration date: February 22, 2023

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

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

Calibration Equipment used (M&TE critical for calibration)

Drimany Standards

Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-22 (No. 217-03525/03524)	Apr-23
Power sensor NRP-Z91	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
Power sensor NRP-Z91	SN: 103245	04-Apr-22 (No. 217-03525)	Apr-23
Reference 20 dB Attenuator	SN: BH9394 (20k)	04-Apr-22 (No. 217-03527)	Apr-23
Type-N mismatch combination	SN: 310982 / 06327	04-Apr-22 (No. 217-03528)	Apr-23
Reference Probe EX3DV4	SN: 3503	08-Mar-22 (No. EX3-3503_Mar22)	Mar-23
DAE4	SN: 601	19-Dec-22 (No. DAE4-601_Dec22)	Dec-23
Secondary Standards	ID#	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: MY41093315	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-22)	In house check: Oct-24
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24
	Name	Function	Signature
Calibrated by:	Paulo Pina	Laboratory Technician	tanto
Approved by:	Niels Kuster	Quality Manager	1.

Cal Data (Cartificate No.)

Issued: February 23, 2023

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Report No.: SFBEMI-WTW-P23040655

Certificate No: D5GHzV2-1019 Feb23



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Glossary:

TSL tissue simulating liquid

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

Calibration is Performed According to the Following Standards:

- a) 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"

Additional Documentation:

c) 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 source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss: This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. 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%.

Certificate No: D5GHzV2-1019 Feb23 Page 2 of 8

Measurement Conditions

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

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom V5.0	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	5250 MHz ± 1 MHz 5600 MHz ± 1 MHz 5800 MHz ± 1 MHz	

Head TSL parameters at 5250 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.9	4.71 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	36.0 ± 6 %	4.67 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5250 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.01 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	80.1 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.29 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.9 W/kg ± 19.5 % (k=2)

Head TSL parameters at 5600 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.5	5.07 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.9 ± 6 %	5.06 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5600 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.28 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	83.0 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.36 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.7 W/kg ± 19.5 % (k=2)

Certificate No: D5GHzV2-1019_Feb23 Page 3 of 8

Head TSL parameters at 5800 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.3	5.27 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.6 ± 6 %	5.21 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5800 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.01 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	80.2 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.25 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.5 W/kg ± 19.5 % (k=2)

Certificate No: D5GHzV2-1019_Feb23

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 5250 MHz

Impedance, transformed to feed point	52.6 Ω - 3.4 jΩ
Return Loss	- 27.5 dB

Antenna Parameters with Head TSL at 5600 MHz

Impedance, transformed to feed point	57.8 Ω + 0.1 jΩ
Return Loss	- 22.9 dB

Antenna Parameters with Head TSL at 5800 MHz

Impedance, transformed to feed point	55.2 Ω + 4.7 jΩ
Return Loss	- 23.5 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.203 ns

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

Certificate No: D5GHzV2-1019_Feb23 Page 5 of 8

DASY5 Validation Report for Head TSL

Date: 22.02.2023

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1019

Communication System: UID 0 - CW; Frequency: 5250 MHz, Frequency: 5600 MHz, Frequency: 5800

MHz

Medium parameters used: f = 5250 MHz; $\sigma = 4.67$ S/m; $\varepsilon_r = 36$; $\rho = 1000$ kg/m³ Medium parameters used: f = 5600 MHz; $\sigma = 5.06$ S/m; $\varepsilon_r = 35.9$; $\rho = 1000$ kg/m³ Medium parameters used: f = 5800 MHz; $\sigma = 5.21$ S/m; $\varepsilon_r = 35.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(5.5, 5.5, 5.5) @ 5250 MHz, ConvF(5.1, 5.1, 5.1) @ 5600 MHz, ConvF(5.01, 5.01, 5.01) @ 5800 MHz; Calibrated: 08.03.2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 19.12.2022
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5250 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 75.93 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 27.2 W/kg

SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.29 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 71%

Maximum value of SAR (measured) = 17.9 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5600 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 75.03 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 30.3 W/kg

SAR(1 g) = 8.28 W/kg; SAR(10 g) = 2.36 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 68.4%

Maximum value of SAR (measured) = 19.1 W/kg

Certificate No: D5GHzV2-1019_Feb23 Page 6 of 8

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5800 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 73.20 V/m; Power Drift = -0.03 dB

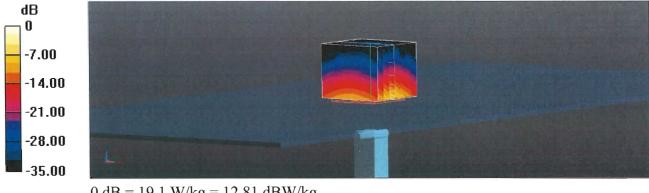
Peak SAR (extrapolated) = 31.5 W/kg

SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.25 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 66.3%

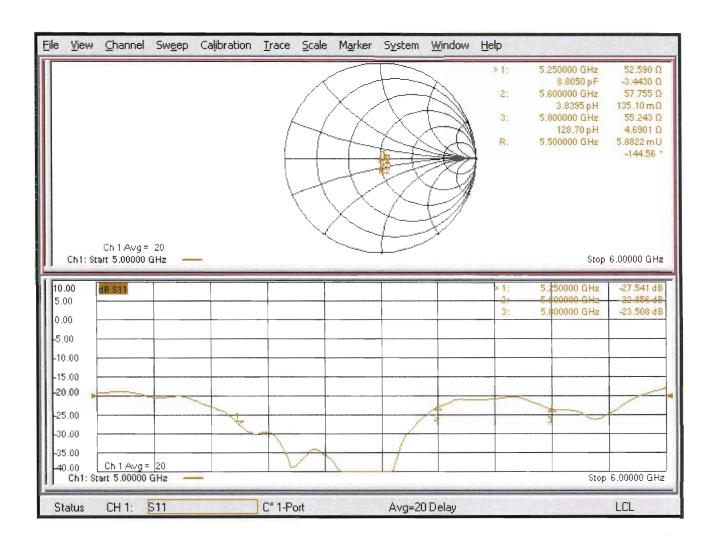
Maximum value of SAR (measured) = 19.0 W/kg



0 dB = 19.1 W/kg = 12.81 dBW/kg

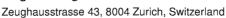
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Impedance Measurement Plot for Head TSL



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Client

B.V. ADT (Auden)

Certificate No

EX-3971 Jan23

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:3971

Calibration procedure(s)

QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,

QA CAL-25.v8

Calibration procedure for dosimetric E-field probes

Calibration date

January 20, 2023

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-22 (No. 217-03525/03524)	Apr-23
Power sensor NRP-Z91	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
OCP DAK-12	SN: 1016	20-Oct-22 (OCP-DAK12-1016_Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CC2552 (20x)	04-Apr-22 (No. 217-03527)	Apr-23
DAE4	SN: 660	10-Oct-22 (No. DAE4-660_Oct22)	Oct-23
Reference Probe ES3DV2	SN: 3013	06-Jan-23 (No. ES3-3013_Jan23)	Jan-24

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

Name Function Signature

Calibrated by Jeton Kastrati Laboratory Technician

Approved by Sven Kühn Technical Manager

Issued: February 01, 2023

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Certificate No: EX-3971_Jan23

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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 φ φ rotation around probe axis

Polarization ϑ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\vartheta = 0$ is

normal to probe axis

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

Calibration is Performed According to the Following Standards:

- a) 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 θ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the 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 f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis).
 No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

Certificate No: EX-3971_Jan23 Page 2 of 22

Parameters of Probe: EX3DV4 - SN:3971

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm $(\mu V/(V/m)^2)$ A	0.37	0.51	0.48	±10.1%
DCP (mV) B	96.4	99.7	100.3	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A dB	$_{ m dB}\sqrt{\mu V}$	С	D dB	VR mV	Max dev.	Max Unc ^E
				22 V P.				""	k=2
0	CW	X	0.00	0.00	1.00	0.00	143.8	±3.3%	±4.7%
		Y	0.00	0.00	1.00		143.0		
		Z	0.00	0.00	1.00		145.8		
10352	Pulse Waveform (200Hz, 10%)	X	4.61	71.49	12.69	10.00	60.0	±2.9%	±9.6%
		Y	82.00	104.00	23.00]	60.0		
		Z	20.00	88.24	18.84		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	85.68	15.98	6.99	80.0	±1.7%	±9.6%
		Y	20.00	91.36	19.21	1	80.0		
		Z	20.00	89.10	18.22	1	80.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	86.62	15.13	3.98	95.0	±1.0%	±9.6%
		Y	20.00	94.31	19.14	1	95.0		
		Z	20.00	91.57	18.17	1	95.0		
10355	Pulse Waveform (200Hz, 60%)	X	20.00	87.34	14.36	2.22	120.0	±1.0%	±9.6%
		Υ	20.00	94.69	17.98	1	120.0		
		Z	20.00	94.14	18.21	1	120.0		
10387	QPSK Waveform, 1 MHz	X	1.65	69.23	15.78	1.00	150.0	±2.8%	±9.6%
		Y	1.45	64.20	13.53		150.0		
		Z	1.56	65.47	14.34	1	150.0		
10388	QPSK Waveform, 10 MHz	X	2.09	68.76	16.16	0.00	150.0	±1.0%	±9.6%
		Υ	1.93	65.77	14.32	1	150.0		
		Z	2.08	67.08	15.15		150.0		
10396	64-QAM Waveform, 100 kHz	X	2.57	70.67	18.84	3.01	150.0	±0.8%	±9.6%
		Y	2.77	69.96	18.36	1	150.0		
		Z	2.86	70.58	18.82	1	150.0		
10399	64-QAM Waveform, 40 MHz	X	3.39	67.44	15.93	0.00	150.0	±2.1%	±9.6%
		Y	3.29	66.05	15.03	1	150.0	1	
		Z	3.41	66.72	15.48	1	150.0	1	
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.62	65.97	15.66	0.00	150.0	±4.0%	±9.6%
		Υ	4.69	65.09	15.10	1	150.0	1	
		Z	4.77	65.49	15.39	1	150.0	1	

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). E 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.

EX3DV4 - SN:3971

Parameters of Probe: EX3DV4 - SN:3971

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 ms V ⁻²	T2 ms V ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	T6
Х	29.8	215.94	33.80	9.67	0.04	5.03	1.49	0.02	1.00
У	43.0	319.99	35.18	9.66	0.08	5.08	1.64	0.14	1.01
Z	41.7	310.30	35.26	14.45	0.00	5.06	1.45	0.16	1.01

January 20, 2023

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-108.1°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

Parameters of Probe: EX3DV4 - SN:3971

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
750	41.9	0.89	10.55	10.55	10.55	0.41	1.01	±12.0%
835	41.5	0.90	10.36	10.36	10.36	0.41	0.91	±12.0%
1450	40.5	1.20	9.14	9.14	9.14	0.40	0.80	±12.0%
1750	40.1	1.37	8.86	8.86	8.86	0.38	0.86	±12.0%
1900	40.0	1.40	8.44	8.44	8.44	0.42	0.86	±12.0%
2000	40.0	1.40	8.38	8.38	8.38	0.43	0.86	±12.0%
2300	39.5	1.67	8.35	8.35	8.35	0.37	0.90	±12.0%
2450	39.2	1.80	8.26	8.26	8.26	0.15	0.90	±12.0%
2600	39.0	1.96	7.83	7.83	7.83	0.36	0.90	±12.0%
3300	38.2	2.71	7.44	7.44	7.44	0.35	1.30	±14.0%
3500	37.9	2.91	6.99	6.99	6.99	0.35	1.30	±14.0%
3700	37.7	3.12	6.93	6.93	6.93	0.40	1.35	±14.0%
3900	37.5	3.32	6.90	6.90	6.90	0.40	1.60	±14.0%
4100	37.2	3.53	6.44	6.44	6.44	0.40	1.60	±14.0%
4200	37.1	3.63	6.42	6.42	6.42	0.40	1.70	±14.0%
4400	36.9	3.84	6.36	6.36	6.36	0.40	1.70	±14.0%
4600	36.7	4.04	6.32	6.32	6.32	0.40	1.70	±14.0%
4800	36.4	4.25	6.28	6.28	6.28	0.40	1.70	±14.0%
4950	36.3	4.40	5.97	5.97	5.97	0.40	1.80	±14.0%
5250	35.9	4.71	5.24	5.24	5.24	0.40	1.80	±14.0%
5600	35.5	5.07	4.95	4.95	4.95	0.40	1.80	±14.0%
5800	35.3	5.27	4.91	4.91	4.91	0.40	1.80	±14.0%

^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 ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–9 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

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For the probes are calibrated using tissue simulating liquids (TSL) that deviate for ε and σ by less than $\pm 5\%$ from the target values (typically better than $\pm 3\%$) and are valid for TSL with deviations of up to $\pm 10\%$. If TSL with deviations from the target of less than $\pm 5\%$ are used, the calibration uncertainties are 11.1% for 0.7 - 3 GHz and 13.1% for 3 - 6 GHz.

 $^{^{}G}$ Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than $\pm 1\%$ for frequencies below 3 GHz and below $\pm 2\%$ for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the boundary.

Parameters of Probe: EX3DV4 - SN:3971

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
6500	34.5	6.07	5.65	5.65	5.65	0.20	2.50	±18.6%

 $^{^{\}text{C}}$ 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 ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ε and σ by less than $\pm 10\%$ from the target values (typically better than $\pm 6\%$)

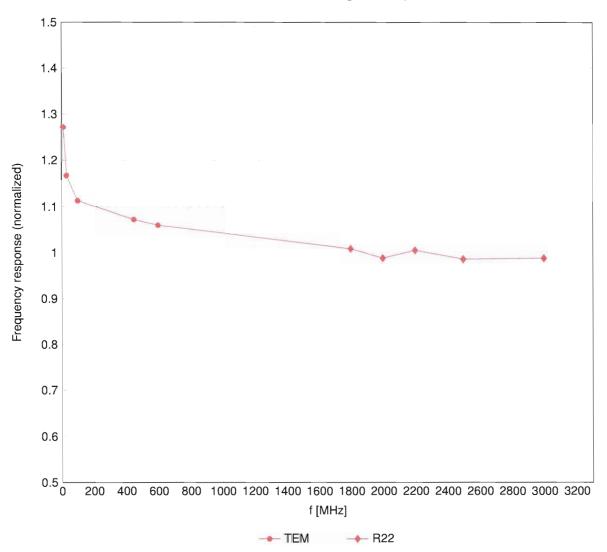
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and are valid for TSL with deviations of up to $\pm 10\%$.

^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 3-6 GHz; and below ±4% for frequencies between 6-10 GHz at any distance larger than half the probe tip diameter from the boundary.

Frequency Response of E-Field

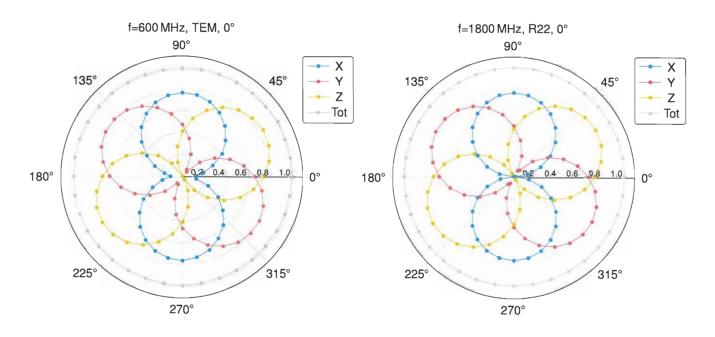
(TEM-Cell:ifi110 EXX, Waveguide:R22)

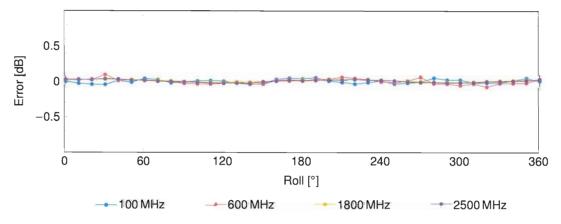


Uncertainty of Frequency Response of E-field: $\pm 6.3\%$ (k=2)

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Receiving Pattern (ϕ), $\theta = 0^{\circ}$

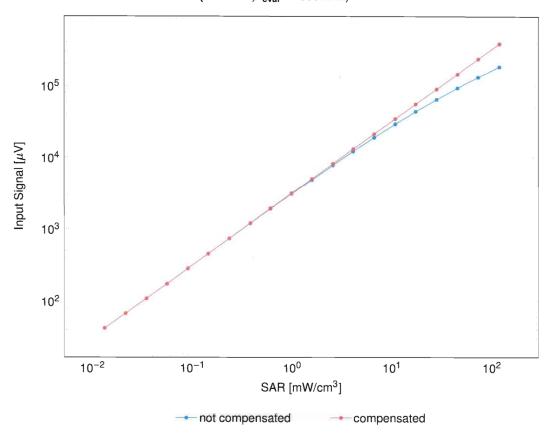


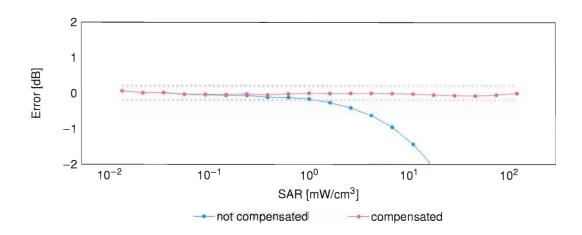


Uncertainty of Axial Isotropy Assessment: $\pm 0.5\%$ (k=2)

Dynamic Range f(SARhead)

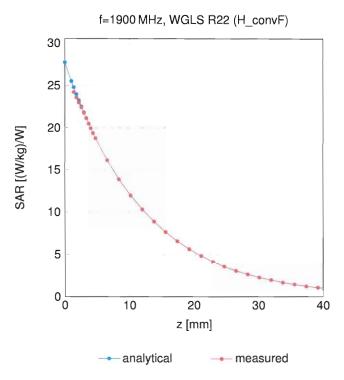
(TEM cell, $f_{eval} = 1900\,\text{MHz}$)



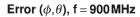


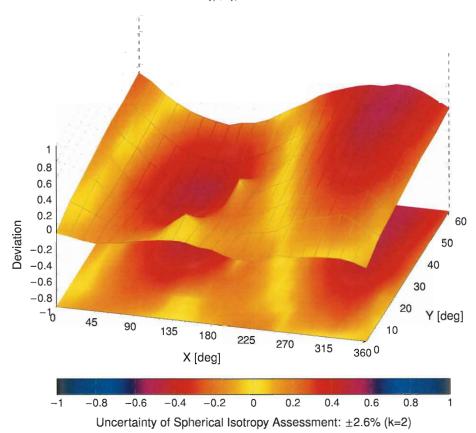
Uncertainty of Linearity Assessment: ±0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid





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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
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	±9.6
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10020	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10028	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM		±9.6
		IEEE 802.15.1 Bluetooth (GFSK, DH1)		7.78	±9.6
10030	CAA		Bluetooth	5.30	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10 035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10003	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.62	
	_	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)			±9.6
10073	CAB		WLAN	9.94	±9.6
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6
10105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10110	CAH		LTE-FDD	5.75	±9.6
10111	CAH		LTE-FDD	6.44	±9.6
10111	CAL	LIL-IDD (OC-FDIVIA, 100% NB, SIVITIZ, 10-QAIVI)	LIE-FUU	0.44	±5.0

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6
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	±9.6
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% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05 5.75	±9.6
10154	CALL	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD		±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)		5.79 6.49	±9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD LTE-FDD	6.49	±9.6 ±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6
10159	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
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
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 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	±9.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-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, 5 MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 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
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6
10195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.6
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
10222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6

10226 C 10227 C 10228 C 10229 C 10230 C 10231 C 10232 C 10233 C 10234 C 10235 C 10236 C 10237 C 10238 C 10239 C 10239 C 10240 C 10241 C 10242 C	CAC CAC CAC CAC CAE CAE CAE CAE	UMTS-FDD (HSPA+) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	WCDMA LTE-TDD LTE-TDD	5.97 9.49	±9.6 ±9.6
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10230 (10231 (10232 (10233 (10234 (10235 (10237 (10238 (10237 (10238 (10237 (10238 (10237 (10241 (10242 (10243 (10244) (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244) (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (102444 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244	CAE CAE	LTE TOD (OO EDIM 4 DD OMIL 40 OM)	LTE-TDD	9.22	±9.6
10231 (10232 (10233 (10234 (10235 (10237 (10237 (10238 (10239 (10241 (10242 (10243 (10244) (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244) (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (102444 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10232 (10233 (10234 (10235 (10237 (10237 (10238 (10239 (10241 (10242 (10243 (102444 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (102444 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (102444 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244		LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	10.25	±9.6
10233 (10234 (10235 (10236 (10237 (10238 (10239 (10240 (10241 (10242 (10243 (LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.19	±9.6
10234 (10235 (10236 (10237 (10238 (10239 (10241 (10242 (10243 (10244) (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (102444 (10244) (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244 (10244	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	9.48	±9.6
10235 (10236 (10237 (10238 (10239 (10240 (10241 (10242 (10243 (CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.6
10237 (10238 (10239 (10241 (10242 (10243 (10244 (10244 (10244) (10244 (10244) (10244	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10238 C 10239 C 10240 C 10241 C 10242 C 10243 C	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10239 (10240 (10241 (10242 (10243 (CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10240 (10241 (10242 (10243 (CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10241 (10242 (10243 (CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10242 C	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10044 4	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6 ±9.6
	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 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
	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	±9.6
	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	10.08	±9.6
	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.34	±9.6 ±9.6
	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	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	±9.6
10264 (CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±9.6
	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6
	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.6
	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6
	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	9.58	±9.6
	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87 3.96	±9.6 ±9.6
	CAA	PHS (QPSK)	PHS	11.81	±9.6
	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
	AAE AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.39	±9.6
	AAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WiMAX	6.60 12.03	±9.6 ±9.6
	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WiMAX	12.03	±9.6
	AAA	IEEE 802.16e WIMAX (25.16, 5115, 10 MHz, 64QAM, PUSC)	WiMAX	12.57	±9.6
	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	11.86	±9.6
	AAA	IEEE 802.16e WiMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WiMAX	15.24	±9.6
	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WiMAX	14.67	±9.6

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10307	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WiMAX	14.49	±9.6
10308	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WilMAX	14.46	±9.6
10309	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WiMAX	14.58	±9.6
10310	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WiMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAA	iDEN 1:3 iDEN 1:6	iDEN	10.51	±9.6
10314	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	IDEN	13.48	±9.6
10315	AAB	IEEE 802.11g WiFi 2.4 GHz (BSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
10317	AAD	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36 8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6 ±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAE	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAE	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAE	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	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	AAC	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) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN WLAN	8.14 8.19	±9.6
10413	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6 ±9.6
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, 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 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450	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%) Validation (Square, 10 ms, 1 ms)	WCDMA	7.59	±9.6
10453	AAC	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	Test	10.00	±9.6 ±9.6
10450	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10457	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9.6
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	±9.6
10463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
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10470	AAG AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82 8.32	±9.6 ±9.6

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10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	±9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	±9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, 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 Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10498	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	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	±9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52 7.72	±9.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6 ±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	±9.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 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% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	±9.6
10509	AAF	LTE-TDD (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-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=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-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=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-TDD	8.45	±9.6
10515		IEEE 802.11b WiFi 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	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519		IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523		IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524		IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525		IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10528	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
10532	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10534	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
10535	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10536	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.6
10537		IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
40500	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.6
10538 10540		IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.39	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10541	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10563	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10583	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585	AAC	, , , , , , , , , , , , , , , , , , , ,	WLAN	8.70	±9.6
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN WLAN	8.49	±9.6
10587	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36 8.76	±9.6
10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6 ±9.6
10599	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10590	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
10602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10605	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10606	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10607	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6
	AAC	IEEE 802.11ac WiFi (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 $k=2$
10609	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10611	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10613	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10617	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10619	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10620	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAC	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.6
10623	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
10626	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10628	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAC	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10637	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10638	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10639	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
10641	AAD	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.6
10642	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6
10643	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
10644	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10645	AAD	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 Subframe=2,7)	LTE-TDD	11.96	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
	_	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10654	AAE	LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	7.21 10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
10659	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
10661	AAB	Pulse Waveform (200Hz, 40%)	Test	2.22	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10670	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
10671	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6 ±9.6
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.78	±9.6
10673	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10674	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
10676	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
10678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.6
10679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.6
10683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
10685	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10686	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±9.6
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UIĐ	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle) IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.67	±9.6
			WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.40 8.25	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6 ±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
10742	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
			WLAN	8.90	±9.6
10748	AAC	I IEEE OUZ. I I AX (I OU IVITZ. IVICSO, 90DC GUIV CVCIE)			
	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)		8.79	
10748 10749		IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN WLAN		±9.6 ±9.6

10754 A 10755 A 10756 A 10757 A 10758 A 10759 A 10760 A 10761 A 10762 A 10763 A 10764 A 10765 A 10766 A 10767 A 10768 A 10769 A 10770 A 10771 A 10772 A 10773 A 10774 A 10775 A	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEE 807.11ax (160 MHz, MC	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	9.00 8.94 8.64 8.77 8.77 8.69 8.58 8.49 8.53 8.54 8.54 8.51 7.99 8.01 8.01	### Unc ## k = 2 ### ±9.6
10755 A 10756 A 10757 A 10758 A 10759 A 10760 A 10761 A 10762 A 10763 A 10764 A 10765 A 10766 A 10767 A 10769 A 10769 A 10770 A 10771 A 10772 A 10773 A 10774 A 10775 A	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEG 802.11ax (160 MHz, MCS11, 99pc duty	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.64 8.77 8.77 8.69 8.58 8.49 8.58 8.49 8.53 8.54 8.54 8.51 7.99 8.01 8.01	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10756 A 10757 A 10758 A 10759 A 10760 A 10761 A 10762 A 10763 A 10764 A 10765 A 10766 A 10767 A 10769 A 10770 A 10771 A 10772 A 10773 A 10774 A 10775 A	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEG 802.11ax (160 MHz, MCS11, 99pc duty	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.77 8.77 8.69 8.58 8.49 8.58 8.49 8.53 8.54 8.54 8.51 7.99 8.01 8.01	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10757 A 10758 A 10759 A 10760 A 10761 A 10762 A 10763 A 10764 A 10765 A 10766 A 10767 A 10769 A 10770 A 10771 A 10772 A 10773 A 10774 A 10775 A	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEG 802.11ax (160 MHz, MCS11, 99pc dut	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.77 8.69 8.58 8.49 8.58 8.49 8.53 8.54 8.54 8.51 7.99 8.01 8.01	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10758 A 10759 A 10760 A 10761 A 10762 A 10763 A 10764 A 10765 A 10766 A 10767 A 10769 A 10770 A 10771 A 10772 A 10773 A 10774 A 10775 A	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEG 802.11ax (160 MHz, MCS11, 99pc duty cycle) 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.69 8.58 8.49 8.58 8.49 8.53 8.54 8.54 8.51 7.99 8.01 8.01 8.02	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10759 A 10760 A 10761 A 10762 A 10763 A 10764 A 10765 A 10766 A 10767 A 10769 A 10770 A 10771 A 10772 A 10773 A 10774 A 10775 A	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.58 8.49 8.58 8.49 8.53 8.54 8.54 8.51 7.99 8.01 8.01 8.02	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10760 A 10761 A 10762 A 10763 A 10764 A 10765 A 10766 A 10767 A 10769 A 10770 A 10771 A 10772 A 10773 A 10774 A 10775 A	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.49 8.58 8.49 8.53 8.54 8.54 8.51 7.99 8.01 8.01 8.02	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10761 A 10762 A 10763 A 10764 A 10765 A 10766 A 10767 A 10768 A 10769 A 10770 A 10771 A 10772 A 10773 A 10774 A 10775 A	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN 5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD	8.58 8.49 8.53 8.54 8.54 8.51 7.99 8.01 8.01 8.02	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10762 A 10763 A 10764 A 10765 A 10766 A 10767 A 10768 A 10769 A 10770 A 10771 A 10772 A 10773 A 10774 A 10775 A	AAC AAC AAC AAC AAC AAC AAC AAC AAC AAD AAD	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	WLAN WLAN WLAN WLAN WLAN SG NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD	8.49 8.53 8.54 8.54 8.51 7.99 8.01 8.01 8.02	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10763 A 10764 A 10765 A 10766 A 10767 A 10768 A 10769 A 10770 A 10771 A 10772 A 10773 A 10774 A 10775 A	AAC AAC AAC AAC AAC AAC AAC AAD AAD AAD	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	WLAN WLAN WLAN WLAN 5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD	8.53 8.54 8.54 8.51 7.99 8.01 8.01 8.02	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10764 A 10765 A 10766 A 10767 A 10768 A 10769 A 10770 A 10771 A 10772 A 10773 A 10774 A 10775 A	AAC AAC AAC AAE AAD AAD AAD AAD AAD AAD AAD AAD AAD	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	WLAN WLAN WLAN 5G NR FR1 TDD	8.54 8.54 8.51 7.99 8.01 8.01 8.02	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10765 A 10766 A 10767 A 10768 A 10769 A 10770 A 10771 A 10772 A 10773 A 10774 A 10775 A	AAC AAC AAE AAD AAD AAD AAD AAD AAD AAD AAD AAD	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle) IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	WLAN WLAN 5G NR FR1 TDD	8.54 8.51 7.99 8.01 8.01 8.02	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10766 A 10767 A 10768 A 10769 A 10770 A 10771 A 10772 A 10773 A 10774 A 10775 A	AAC AAE AAD AAD AAD AAD AAD AAD AAD AAD AAD	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle) 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	WLAN 5G NR FR1 TDD	8.51 7.99 8.01 8.01 8.02	±9.6 ±9.6 ±9.6 ±9.6
10767 A 10768 A 10769 A 10770 A 10771 A 10772 A 10773 A 10774 A 10775 A	AAE AAD AAD AAD AAD AAD AAD	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD	7.99 8.01 8.01 8.02	±9.6 ±9.6 ±9.6
10768 A 10769 A 10770 A 10771 A 10772 A 10773 A 10774 A 10775 A	AAD AAD AAD AAD AAD AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD	8.01 8.01 8.02	±9.6 ±9.6
10769 A 10770 A 10771 A 10772 A 10773 A 10774 A 10775 A	AAD AAD AAD AAD AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.01 8.02	±9.6
10770 A 10771 A 10772 A 10773 A 10774 A 10775 A	AAD AAD AAD AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	
10771 A 10772 A 10773 A 10774 A 10775 A	AAD AAD AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)			
10772 A 10773 A 10774 A 10775 A	AAD AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)		8.02	±9.6
10773 A 10774 A 10775 A	AAD AAD		5G NR FR1 TDD	8.23	±9.6
10774 A	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
		5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10776 A	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778 A	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6
	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
	AAD AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6
	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.39 8.37	±9.6 ±9.6
	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±9.6
	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796 A	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10797 A	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
	AAD AAE	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 KHz) 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.35	±9.6
	AAD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.35 8.34	±9.6 ±9.6
	AAD	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 30KHz)	5G NR FR1 TDD	8.33	±9.6
	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6
10828 A	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10836	AAD AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6
10837	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	7.68	±9.6 ±9.6
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	±9.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 KHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.34 8.41	±9.6
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.40	±9.6 ±9.6
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9.6
10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
10871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10874	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	6.65 7.78	±9.6 ±9.6
10876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	±9.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
10881	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10882	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
10883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10886	AAE	5G NR (DFI-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 KHz) 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 KHz)	5G NR FR2 TDD 5G NR FR2 TDD	6.65 7.78	±9.6 ±9.6
10888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	±9.6
10889	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
10890	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6
10891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10903	AAB	5G NR (DFT-S-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.68 5.68	±9.6 ±9.6
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6

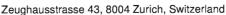
UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10929	AAC	5G NR (DFT-s-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
10931	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, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.6
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD 5G NR FR1 FDD	5.85	±9.6
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)		5.83 5.87	±9.6
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD 5G NR FR1 FDD	5.94	±9.6 ±9.6
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
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, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	±9.6
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G 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	±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±9.6
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	±9.6
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.6
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.6
10978	AAA	ULLA BDR	ULLA	1.16	±9.6
10979	AAA	ULLA HDR4	ULLA	8.58	±9.6
10980	AAA	ULLA HDR8	ULLA	10.32	±9.6
	AAA	ULLA HDRp4	ULLA	3.19	±9.6
10981	AAA	ULLA HDRp8	ULLA		

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6

 $^{^{\}mathsf{E}}$ 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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Client

B.V. ADT
Taoyuan City

Certificate No.

EX-7555 Jul23

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7555

Calibration procedure(s)

QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,

QA CAL-25.v8

Calibration procedure for dosimetric E-field probes

Calibration date

July 19, 2023

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
OCP DAK-12	SN: 1016	20-Oct-22 (OCP-DAK12-1016_Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
Reference Probe ES3DV2	SN: 3013	06-Jan-23 (No. ES3-3013_Jan23)	Jan-24

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

Name

Function

Signature

Calibrated by

Jeffrey Katzman

Laboratory Technician

Approved by

Sven Kühn

Technical Manager

Issued: July 19, 2023

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

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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 φ φ rotation around probe axis

Polarization ϑ or rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\vartheta = 0$ is

normal to probe axis

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

Calibration is Performed According to the Following Standards:

a) 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 θ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the 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 f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis).
 No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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Parameters of Probe: EX3DV4 - SN:7555

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm $(\mu V/(V/m)^2)$ A	0.48	0.55	0.66	±10.1%
DCP (mV) B	96.0	99.0	100.0	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		Α	В	С	D	VR	Max	Max
	,		dB	$dB\sqrt{\mu V}$		dB	m۷	dev.	Unc ^E
									k = 2
0	CW	X	0.00	0.00	1.00	0.00	126.5	±2.6%	±4.7%
		Υ	0.00	0.00	1.00		118.4		
		Z	0.00	0.00	1.00		125.4		
10352	Pulse Waveform (200Hz, 10%)	X	20.00	88.46	18.58	10.00	60.0	±4.0%	±9.6%
		Y	1.63	61.20	6.71		60.0		
		Z	20.00	88.05	18.67]	60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	89.41	17.70	6.99	80.0	±3.1%	±9.6%
		Y	0.91	60.00	5.18		80.0	1	
		Z	20.00	89.80	18.35		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	89.34	16.12	3.98	95.0	±2.0%	±9.6%
		Υ	0.53	60.00	4.28		95.0	1	
		Z	20.00	93.36	18.63		95.0	1	
10355	Pulse Waveform (200Hz, 60%)	Х	20.00	83.05	12.02	2.22	120.0	±1.4%	±9.6%
		Y	0.34	60.00	3.58	1	120.0		
		Z	20.00	94.38	17.75		120.0	1	
10387	QPSK Waveform, 1 MHz	Х	1.56	65.19	14.20	1.00	150.0	±2.9%	±9.6%
		Y	1.57	67.72	15.05		150.0		
		Z	1.49	65.92	14.36	1	150.0		
10388	QPSK Waveform, 10 MHz	Х	2.11	67.10	15.07	0.00	150.0	±1.1%	±9.6%
		Y	2.06	67.98	15.73	1	150.0		
		Z	2.00	67.04	15.20	1	150.0		
10396	64-QAM Waveform, 100 kHz	X	2.60	68.18	17.73	3.01	150.0	±1.1%	±9.6%
		Υ	2.38	68.66	18.13	1	150.0		
		Z	2.22	66.69	17.17		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.46	66.75	15.53	0.00	150.0	±2.3%	±9.6%
		Y	3.40	67.13	15.78		150.0	1	
		Z	3.34	66.60	15.49	1	150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.88	65.56	15.52	0.00	150.0	±4.3%	±9.6%
		Υ	4.67	65.82	15.63	1	150.0		
		Z	4.65	65.33	15.37		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%.

Certificate No: EX-7555_Jul23

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.

Parameters of Probe: EX3DV4 - SN:7555

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 ms V ⁻²	T2 ms V ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	T6
X	46.5	359.75	37.72	7.11	0.00	5.09	0.00	0.46	1.01
у	31.1	231.78	35.37	8.40	0.00	4.92	0.81	0.14	1.01
Z	37.0	278.49	36.04	10.76	0.00	5.08	0.00	0.31	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-31.2°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	
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.

Certificate No: EX-7555_Jul23

Parameters of Probe: EX3DV4 - SN:7555

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
450	43.5	0.87	11.65	11.65	11.65	0.16	1.30	±13.3%
750	41.9	0.89	10.05	9.89	10.12	0.40	1.27	±12.0%
835	41.5	0.90	9.55	9.65	9.93	0.38	1.27	±12.0%
1450	40.5	1.20	8.51	8.46	8.89	0.48	1.27	±12.0%
1640	40.2	1.31	8.35	8.39	8.82	0.45	1.27	±12.0%
1750	40.1	1.37	8.38	8.32	8.61	0.27	1.27	±12.0%
1900	40.0	1.40	8.05	8.05	8.41	0.28	1.27	±12.0%
2000	40.0	1.40	7.85	7.82	8.17	0.30	1.27	±12.0%
2300	39.5	1.67	7.79	7.70	8.10	0.30	1.27	±12.0%
2450	39.2	1.80	7.67	7.61	8.04	0.30	1.27	±12.0%
2600	39.0	1.96	7.46	7.41	7.83	0.28	1.27	±12.0%
3300	38.2	2.71	7.02	6.97	7.31	0.32	1.27	±14.0%
3500	37.9	2.91	6.94	6.90	7.29	0.33	1.27	±14.0%
3700	37.7	3.12	6.90	6.85	7.22	0.33	1.27	±14.0%
3900	37.5	3.32	6.85	6.83	7.23	0.34	1.27	±14.0%
4100	37.2	3.53	6.68	6.65	7.05	0.35	1.27	±14.0%
4200	37.1	3.63	6.47	6.44	6.83	0.35	1.27	±14.0%
5250	35.9	4.71	5.67	5.48	5.70	0.38	1.53	±14.0%
5600	35.5	5.07	4.91	4.75	4.95	0.38	1.67	±14.0%
5800	35.3	5.27	5.16	4.91	5.33	0.33	1.86	±14.0%

^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 ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10 , 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–9 MHz, and ConvF 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 tissue simulating liquids (TSL) that deviate for ε and σ by less than $\pm 5\%$ from the target values (typically better than $\pm 3\%$)

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F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ε and σ by less than $\pm 5\%$ from the target values (typically better than $\pm 3\%$) and are valid for TSL with deviations of up to $\pm 10\%$. If TSL with deviations from the target of less than $\pm 5\%$ are used, the calibration uncertainties are 11.1% for 0.7 - 3 GHz and 13.1% for 3 - 6 GHz.

 $^{^{}G}$ Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than $\pm 1\%$ for frequencies below 3 GHz and below $\pm 2\%$ for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the boundary.

Parameters of Probe: EX3DV4 - SN:7555

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
6500	34.5	6.07	5.52	5.28	5.59	0.20	2.00	±18.6%
8000	32.7	7.84	5.69	5.36	5.66	0.44	1.41	±18.6%
9000	31.6	9.08	5.47	5.14	5.66	0.45	1.60	±18.6%

^C 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 ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ε and σ by less than ±10% from the target values (typically better than ±6

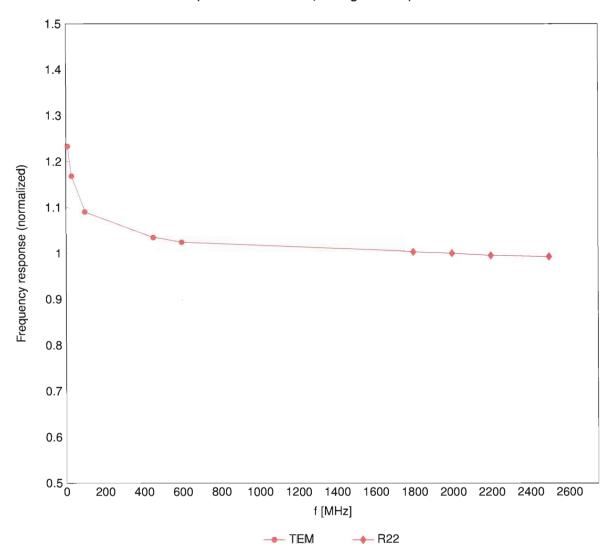
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F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ε and σ by less than $\pm 10\%$ from the target values (typically better than $\pm 6\%$) and are valid for TSL with deviations of up to $\pm 10\%$.

^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than $\pm 1\%$ for frequencies below 3 GHz; below $\pm 2\%$ for frequencies between 3–6 GHz; and below $\pm 4\%$ for frequencies between 6–10 GHz at any distance larger than half the probe tip diameter from the boundary.

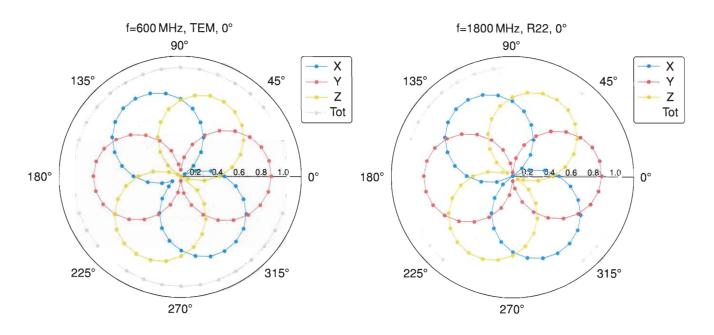
Frequency Response of E-Field

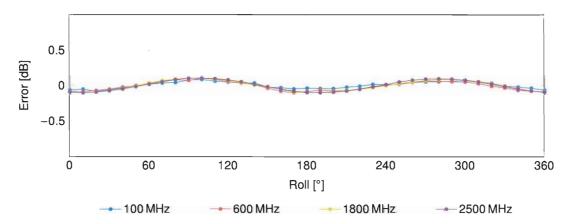
(TEM-Cell:ifi110 EXX, Waveguide:R22)



Uncertainty of Frequency Response of E-field: $\pm 6.3\%$ (k=2)

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

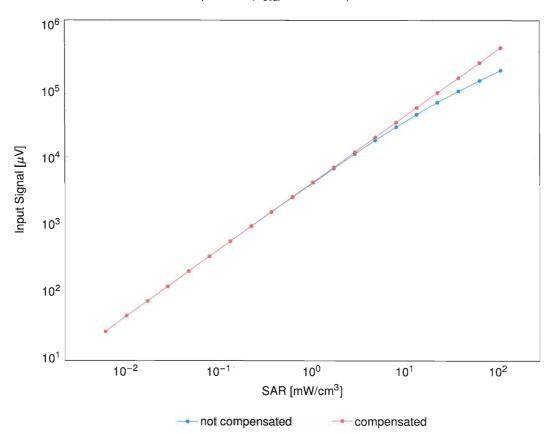


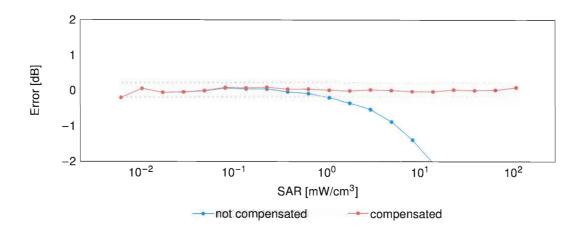


Uncertainty of Axial Isotropy Assessment: $\pm 0.5\%$ (k=2)

$\textbf{Dynamic Range } \textbf{f}(\textbf{SAR}_{\textbf{head}})$

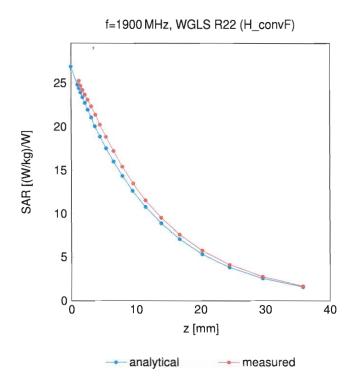
(TEM cell, $f_{eval} = 1900\,\text{MHz})$





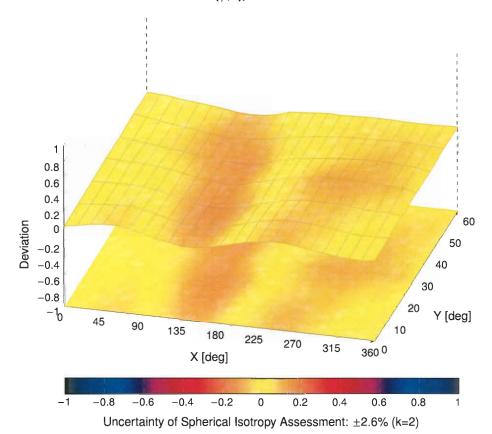
Uncertainty of Linearity Assessment: $\pm 0.6\%$ (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (ϕ , θ), f = 900 MHz



Appendix: Modulation Calibration Parameters

10010 CAB SA 10011 CAC UI 10012 CAB IE 10013 CAB IE 10021 DAC G 10023 DAC G 10024 DAC G 10025 DAC EI 10026 DAC EI 10027 DAC G 10028 DAC G 10029 DAC EI 10030 CAA IE 10031 CAA IE 10032 CAA IE 10033 CAA IE 10034 CAA IE 10035 CAA IE 10036 CAA IE 10036 CAA IE 10037 CAA IE 10037 CAA IE	W AR Validation (Square, 100 ms, 10 ms) MTS-FDD (WCDMA) EEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) SM-FDD (TDMA, GMSK) PRS-FDD (TDMA, GMSK, TN 0) PRS-FDD (TDMA, GMSK, TN 0-1) DGE-FDD (TDMA, 8PSK, TN 0-1) DGE-FDD (TDMA, 8PSK, TN 0-1) PRS-FDD (TDMA, GMSK, TN 0-1) PRS-FDD (TDMA, GMSK, TN 0-1-2) PRS-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, 8PSK, TN 0-1-2-3) EEE 802.15.1 Bluetooth (GFSK, DH1) EEE 802.15.1 Bluetooth (GFSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (B-DPSK, DH3)	CW Test WCDMA WLAN WLAN GSM GSM GSM GSM GSM GSM GSM Bluetooth	0.00 10.00 2.91 1.87 9.46 9.39 9.57 6.56 12.62 9.55 4.80 3.55 7.78 5.30 1.87 1.16 7.74 4.53 3.83 8.01	±4.7 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10011 CAC UI 10012 CAB IE 10013 CAB IE 10021 DAC G 10023 DAC G 10025 DAC EI 10026 DAC EI 10027 DAC G 10028 DAC G 10029 DAC EI 10030 CAA IE 10031 CAA IE 10032 CAA IE 10034 CAA IE 10035 CAA IE 10035 CAA IE 10036 CAA IE 10037 CAA IE 10037 CAA IE 10037 CAA IE 10038 CAA IE 10037 CAA IE 10038 CAA IE	MTS-FDD (WCDMA) EEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) SM-FDD (TDMA, GMSK) PRS-FDD (TDMA, GMSK, TN 0) PRS-FDD (TDMA, GMSK, TN 0-1) DGE-FDD (TDMA, 8PSK, TN 0-1) DGE-FDD (TDMA, 8PSK, TN 0-1) PRS-FDD (TDMA, GMSK, TN 0-1-2) PRS-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, 8PSK, TN 0-1-2-3) DGE-FDD (TDMA, 8PSK, TN 0-1-2) EEE 802.15.1 Bluetooth (GFSK, DH1) EEE 802.15.1 Bluetooth (GFSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (B-DPSK, DH5) EEE 802.15.1 Bluetooth (B-DPSK, DH3)	WCDMA WLAN WLAN GSM GSM GSM GSM GSM GSM GSM Bluetooth	2.91 1.87 9.46 9.39 9.57 6.56 12.62 9.55 4.80 3.55 7.78 5.30 1.87 1.16 7.74 4.53 3.83	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10012 CAB IE 10013 CAB IE 10021 DAC G 10023 DAC G 10024 DAC G 10025 DAC EI 10026 DAC EI 10027 DAC G 10028 DAC G 10029 DAC EI 10030 CAA IE 10031 CAA IE 10032 CAA IE 10034 CAA IE 10035 CAA IE 10035 CAA IE 10036 CAA IE 10037 CAA IE 10037 CAA IE 10038 CAA IE 10037 CAA IE 10038 CAA IE	EEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) SM-FDD (TDMA, GMSK) PRS-FDD (TDMA, GMSK, TN 0) PRS-FDD (TDMA, GMSK, TN 0-1) DGE-FDD (TDMA, 8PSK, TN 0-1) PRS-FDD (TDMA, 8PSK, TN 0-1) PRS-FDD (TDMA, GMSK, TN 0-1-2) PRS-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, 8PSK, TN 0-1-2-3) EEE 802.15.1 Bluetooth (GFSK, DH1) EEE 802.15.1 Bluetooth (GFSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (B-DPSK, DH5) EEE 802.15.1 Bluetooth (B-DPSK, DH3)	WLAN WLAN GSM GSM GSM GSM GSM GSM GSM GSM Bluetooth	1.87 9.46 9.39 9.57 6.56 12.62 9.55 4.80 3.55 7.78 5.30 1.87 1.16 7.74 4.53 3.83	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10013 CAB IE 10021 DAC GI 10023 DAC GI 10024 DAC GI 10025 DAC EI 10026 DAC EI 10027 DAC GI 10028 DAC GI 10029 DAC EI 10030 CAA IE 10031 CAA IE 10032 CAA IE 10033 CAA IE 10034 CAA IE 10035 CAA IE 10036 CAA IE 10037 CAA IE 10037 CAA IE 10037 CAA IE 10038 CAA IE 10038 CAA IE 10039 CAB C	EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) SM-FDD (TDMA, GMSK) PRS-FDD (TDMA, GMSK, TN 0) PRS-FDD (TDMA, GMSK, TN 0-1) DGE-FDD (TDMA, 8PSK, TN 0-1) DGE-FDD (TDMA, 8PSK, TN 0-1) PRS-FDD (TDMA, GMSK, TN 0-1-2) PRS-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, 8PSK, TN 0-1-2-3) EEE 802.15.1 Bluetooth (GFSK, DH1) EEE 802.15.1 Bluetooth (GFSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (B-DPSK, DH5) EEE 802.15.1 Bluetooth (B-DPSK, DH3)	WLAN GSM GSM GSM GSM GSM GSM GSM GSM GSM Bluetooth	9.46 9.39 9.57 6.56 12.62 9.55 4.80 3.55 7.78 5.30 1.87 1.16 7.74 4.53 3.83	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10021 DAC G: 10023 DAC G: 10024 DAC G: 10025 DAC E: 10026 DAC E: 10027 DAC G: 10028 DAC G: 10029 DAC E: 10030 CAA IE: 10031 CAA IE: 10032 CAA IE: 10034 CAA IE: 10035 CAA IE: 10035 CAA IE: 10036 CAA IE: 10037 CAA IE: 10037 CAA IE: 10038 CAA IE: 10038 CAA IE: 10038 CAA IE:	SM-FDD (TDMA, GMSK) PRS-FDD (TDMA, GMSK, TN 0) PRS-FDD (TDMA, GMSK, TN 0-1) DGE-FDD (TDMA, 8PSK, TN 0-1) DGE-FDD (TDMA, 8PSK, TN 0-1) PRS-FDD (TDMA, 6MSK, TN 0-1-2) PRS-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, 8PSK, TN 0-1-2-3) EEE 802.15.1 Bluetooth (GFSK, DH1) EEE 802.15.1 Bluetooth (GFSK, DH3) EEE 802.15.1 Bluetooth (GFSK, DH5) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (B-DPSK, DH5) EEE 802.15.1 Bluetooth (B-DPSK, DH3)	GSM GSM GSM GSM GSM GSM GSM GSM GSM Bluetooth	9.39 9.57 6.56 12.62 9.55 4.80 3.55 7.78 5.30 1.87 1.16 7.74 4.53 3.83	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10023 DAC G 10024 DAC G 10025 DAC EI 10026 DAC EI 10027 DAC G 10028 DAC G 10029 DAC EI 10030 CAA IE 10031 CAA IE 10032 CAA IE 10033 CAA IE 10034 CAA IE 10035 CAA IE 10036 CAA IE 10037 CAA IE 10037 CAA IE 10038 CAA IE	PRS-FDD (TDMA, GMSK, TN 0) PRS-FDD (TDMA, GMSK, TN 0-1) DGE-FDD (TDMA, 8PSK, TN 0-1) DGE-FDD (TDMA, 8PSK, TN 0-1) PRS-FDD (TDMA, 8PSK, TN 0-1-2) PRS-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, 8PSK, TN 0-1-2-3) EEE 802.15.1 Bluetooth (GFSK, DH1) EEE 802.15.1 Bluetooth (GFSK, DH3) EEE 802.15.1 Bluetooth (GFSK, DH5) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (B-DPSK, DH1) EEE 802.15.1 Bluetooth (B-DPSK, DH3)	GSM GSM GSM GSM GSM GSM GSM Bluetooth	9.57 6.56 12.62 9.55 4.80 3.55 7.78 5.30 1.87 1.16 7.74 4.53 3.83	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10024 DAC G 10025 DAC EI 10026 DAC EI 10027 DAC G 10028 DAC EI 10029 DAC EI 10030 CAA IE 10031 CAA IE 10032 CAA IE 10034 CAA IE 10035 CAA IE 10035 CAA IE 10036 CAA IE 10037 CAA IE 10037 CAA IE 10038 CAA IE	PRS-FDD (TDMA, GMSK, TN 0-1) DGE-FDD (TDMA, 8PSK, TN 0) DGE-FDD (TDMA, 8PSK, TN 0-1) PRS-FDD (TDMA, GMSK, TN 0-1-2) PRS-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, 8PSK, TN 0-1-2-3) EEE 802.15.1 Bluetooth (GFSK, DH1) EEE 802.15.1 Bluetooth (GFSK, DH3) EEE 802.15.1 Bluetooth (GFSK, DH5) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (8-DPSK, DH1) EEE 802.15.1 Bluetooth (8-DPSK, DH3)	GSM GSM GSM GSM GSM GSM Bluetooth	6.56 12.62 9.55 4.80 3.55 7.78 5.30 1.87 1.16 7.74 4.53 3.83	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10025 DAC EI 10026 DAC EI 10027 DAC G 10028 DAC EI 10029 DAC EI 10030 CAA IE 10031 CAA IE 10032 CAA IE 10033 CAA IE 10034 CAA IE 10035 CAA IE 10036 CAA IE 10037 CAA IE 10037 CAA IE 10038 CAA IE 10038 CAA IE	DGE-FDD (TDMA, 8PSK, TN 0) DGE-FDD (TDMA, 8PSK, TN 0-1) PRS-FDD (TDMA, GMSK, TN 0-1-2) PRS-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, 8PSK, TN 0-1-2-3) DGE-FDD (TDMA, 8PSK, TN 0-1-2-3) EEE 802.15.1 Bluetooth (GFSK, DH1) EEE 802.15.1 Bluetooth (GFSK, DH3) EEE 802.15.1 Bluetooth (GFSK, DH5) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (B-DPSK, DH5) EEE 802.15.1 Bluetooth (B-DPSK, DH1) EEE 802.15.1 Bluetooth (B-DPSK, DH3)	GSM GSM GSM GSM GSM Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth	12.62 9.55 4.80 3.55 7.78 5.30 1.87 1.16 7.74 4.53 3.83	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10026 DAC EI 10027 DAC G 10028 DAC G 10029 DAC EI 10030 CAA IE 10031 CAA IE 10032 CAA IE 10033 CAA IE 10034 CAA IE 10035 CAA IE 10036 CAA IE 10037 CAA IE 10037 CAA IE 10038 CAA IE	DGE-FDD (TDMA, 8PSK, TN 0-1) PRS-FDD (TDMA, GMSK, TN 0-1-2) PRS-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, 8PSK, TN 0-1-2-3) EEE 802.15.1 Bluetooth (GFSK, DH1) EEE 802.15.1 Bluetooth (GFSK, DH3) EEE 802.15.1 Bluetooth (GFSK, DH5) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (8-DPSK, DH1) EEE 802.15.1 Bluetooth (8-DPSK, DH3)	GSM GSM GSM GSM Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth	9.55 4.80 3.55 7.78 5.30 1.87 1.16 7.74 4.53 3.83	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10027 DAC G 10028 DAC G 10029 DAC EI 10030 CAA IE 10031 CAA IE 10032 CAA IE 10033 CAA IE 10034 CAA IE 10035 CAA IE 10036 CAA IE 10037 CAA IE 10038 CAA IE 10038 CAA IE	PRS-FDD (TDMA, GMSK, TN 0-1-2) PRS-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, 8PSK, TN 0-1-2-3) EEE 802.15.1 Bluetooth (GFSK, DH1) EEE 802.15.1 Bluetooth (GFSK, DH3) EEE 802.15.1 Bluetooth (GFSK, DH5) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (8-DPSK, DH1) EEE 802.15.1 Bluetooth (8-DPSK, DH3)	GSM GSM GSM Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth	4.80 3.55 7.78 5.30 1.87 1.16 7.74 4.53 3.83	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10028 DAC G 10029 DAC EI 10030 CAA IE 10031 CAA IE 10032 CAA IE 10033 CAA IE 10034 CAA IE 10035 CAA IE 10036 CAA IE 10037 CAA IE 10038 CAA IE 10038 CAA IE	PRS-FDD (TDMA, GMSK, TN 0-1-2-3) DGE-FDD (TDMA, 8PSK, TN 0-1-2-2) EEE 802.15.1 Bluetooth (GFSK, DH1) EEE 802.15.1 Bluetooth (GFSK, DH3) EEE 802.15.1 Bluetooth (GFSK, DH5) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (8-DPSK, DH1) EEE 802.15.1 Bluetooth (8-DPSK, DH3)	GSM GSM Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth	3.55 7.78 5.30 1.87 1.16 7.74 4.53 3.83	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10029 DAC EI 10030 CAA IE 10031 CAA IE 10032 CAA IE 10033 CAA IE 10034 CAA IE 10035 CAA IE 10036 CAA IE 10037 CAA IE 10038 CAA IE 10038 CAA IE	DGE-FDD (TDMA, 8PSK, TN 0-1-2) EEE 802.15.1 Bluetooth (GFSK, DH1) EEE 802.15.1 Bluetooth (GFSK, DH3) EEE 802.15.1 Bluetooth (GFSK, DH5) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (8-DPSK, DH1) EEE 802.15.1 Bluetooth (8-DPSK, DH3)	GSM Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth	7.78 5.30 1.87 1.16 7.74 4.53 3.83	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10030 CAA IE 10031 CAA IE 10032 CAA IE 10033 CAA IE 10034 CAA IE 10035 CAA IE 10036 CAA IE 10037 CAA IE 10038 CAA IE	EEE 802.15.1 Bluetooth (GFSK, DH1) EEE 802.15.1 Bluetooth (GFSK, DH3) EEE 802.15.1 Bluetooth (GFSK, DH5) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (B-DPSK, DH5) EEE 802.15.1 Bluetooth (B-DPSK, DH1) EEE 802.15.1 Bluetooth (B-DPSK, DH3)	Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth	5.30 1.87 1.16 7.74 4.53 3.83	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10031 CAA IE 10032 CAA IE 10033 CAA IE 10034 CAA IE 10035 CAA IE 10036 CAA IE 10037 CAA IE 10038 CAA IE	EEE 802.15.1 Bluetooth (GFSK, DH3) EEE 802.15.1 Bluetooth (GFSK, DH5) EEE 802.15.1 Bluetooth (Pl/4-DQPSK, DH1) EEE 802.15.1 Bluetooth (Pl/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (Pl/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (8-DPSK, DH1) EEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth	1.87 1.16 7.74 4.53 3.83	±9.6 ±9.6 ±9.6 ±9.6
10032 CAA IE 10033 CAA IE 10034 CAA IE 10035 CAA IE 10036 CAA IE 10037 CAA IE 10038 CAA IE 10039 CAB C	EEE 802.15.1 Bluetooth (GFSK, DH5) EEE 802.15.1 Bluetooth (Pl/4-DQPSK, DH1) EEE 802.15.1 Bluetooth (Pl/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (Pl/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (8-DPSK, DH1) EEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth Bluetooth Bluetooth Bluetooth Bluetooth	1.16 7.74 4.53 3.83	±9.6 ±9.6 ±9.6
10033 CAA IE 10034 CAA IE 10035 CAA IE 10036 CAA IE 10037 CAA IE 10038 CAA IE 10038 CAA CAA IE 10038 CAA CAA IE	EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (8-DPSK, DH1) EEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth Bluetooth Bluetooth Bluetooth	7.74 4.53 3.83	±9.6 ±9.6
10034 CAA IE 10035 CAA IE 10036 CAA IE 10037 CAA IE 10038 CAA IE 10038 CAA CAA IE 10039 CAB C	EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (8-DPSK, DH1) EEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth Bluetooth Bluetooth	4.53 3.83	±9.6
10035 CAA IE 10036 CAA IE 10037 CAA IE 10038 CAA IE 10039 CAB C	EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) EEE 802.15.1 Bluetooth (8-DPSK, DH1) EEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth Bluetooth	3.83	
10036 CAA IE 10037 CAA IE 10038 CAA IE 10039 CAB C	EEE 802.15.1 Bluetooth (8-DPSK, DH1) EEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	+	
10037 CAA IE 10038 CAA IE 10039 CAB C	EEE 802.15.1 Bluetooth (8-DPSK, DH3)		3.01	±9.6
10038 CAA IE 10039 CAB C			4.77	±9.6
10039 CAB C		Bluetooth	4.10	±9.6
	DMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042 CAB IS	S-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
	S-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
	IMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058 DAC E	DGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059 CAB IE	EEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060 CAB IE	EEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061 CAB IE	EEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062 CAD IE	EEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
	EEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064 CAD IE	EEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
	EEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
	EEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
	EEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
	EEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
	EEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
	EEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
	EEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
	EEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) EEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN WLAN	9.94	±9.6 ±9.6
	EEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) EEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.30	±9.6
	EEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.77	±9.6
	EEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	11.00	±9.6
	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
	S-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
	SPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
	JMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
	JMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
	TE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
	TE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
	TE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10103 CAH L	TE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.6
10104 CAH L	TE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6
10105 CAH L	TE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
10108 CAH L	TE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10109 CAH L	TE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10110 CAH L	TE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	±9.6
10111 CAH L	TE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6
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	±9.6
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% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10150	CALL	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
10153	CAH	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	5.75	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 10-QAM)	LTE-FDD	5.79	±9.6
10 157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
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
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 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	±9.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-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, 5 MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10179	CALL	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 (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	5.72	±9.6
10 182	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10183	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	6.50 5.73	±9.6 ±9.6
10 184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6
10195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.6
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
10222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6
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10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	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	±9.6
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 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	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-TDD (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-TDD	10.06	±9.6
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 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
10257 10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.34	±9.6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.97	±9.6
10261	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	±9.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-TDD	10.13	±9.6
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
10274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
10277	CAA	PHS (QPSK)	PHS	11.81	±9.6
10278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6
10300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10301	AAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WiMAX	12.03	±9.6
10302	AAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WiMAX	12.57	±9.6
10303	AAA	IEEE 802.16e WiMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	12.52	±9.6
10304	AAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	11.86	±9.6
	Δ Δ Δ	IEEE 802.16e WiMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WiMAX	15.24	±9.6
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10307	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WiMAX	14.49	±9.6
10308	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WiMAX	14.46	±9.6
10309	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WiMAX	14.58	±9.6
10310	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WiMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAA	iDEN 1:3	IDEN	10.51	±9.6
10314	AAA	iDEN 1:6	iDEN	13.48	±9.6
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAD	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAE	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAE	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAE	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB AAB	CDMA2000 (1xEV-DO, Rev. A) CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	3.77	±9.6
			CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	Generic	8.54	±9.6
10415	AAA	IEEE 802.116 WIFI 2.4 GHz (USSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAC		WLAN	8.23	±9.6
10417	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.23	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Ebrig preambule)	WLAN	8.14 8.19	±9.6
10413	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, 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 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450	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
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAC	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9.6
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	±9.6
10463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10467		LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10468	AAG				
10468 10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10468		LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD LTE-TDD	8.56 7.82 8.32	±9.6 ±9.6 ±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	±9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	±9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, 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 Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10498	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	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	±9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	±9.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 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 Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55 7.99	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD		±9.6 ±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49 8.51	±9.6
10511	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,6,9)	LTE-TDD	8.45	±9.6
10515	AAA	IEEE 802.11b WiFi 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
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10517	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10528	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
10532	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10534	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
10535	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10536	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.6
10537	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
10538	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.6
10540	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.39	±9.6
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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
10541	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10563	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN WLAN	8.30 1.99	±9.6 ±9.6
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle) IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA		WLAN	8.59	±9.6 -
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6 -
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6 ±9.6
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10583	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10584	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
10602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10605	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10606	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10007	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6
10607					

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		O	Q=====	DAD (dD)	11==E # = 0
UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10609	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN WLAN	8.57 8.78	±9.6 ±9.6
10610	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10613	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10617	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10619	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10620	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAC	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.6
10623	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
10626	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10628	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAC	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN WLAN	8.83 8.79	±9.6 ±9.6
10637	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle) IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10639	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10639	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
10641	AAD	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.6
10642	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6
10643	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
10644	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10645	AAD	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 Subframe=2,7)	LTE-TDD	11.96	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
10653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN WLAN	8.57 8.78	±9.6 ±9.6
10673 10674	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.77	±9.6
10676	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
10677	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.6
10678	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.6
10683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
10685	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10686	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6 -
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	_	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.48 8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6 ±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
10743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
4		IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10751 10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6

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10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10758	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)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
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	±9.6
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	±9.6
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778		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)	5G NR FR1 TDD	8.42	±9.6
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10781 10782	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10783	AAD		5G NR FR1 TDD	8.31	±9.6
10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35 8.44	±9.6
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6 ±9.6
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±9.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
	_				
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6

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19829 ADD SG NR (CP-OFDM, 108): MR 1, 10MHz, QPSK, 50MHz SG NR FRI TOD 7.39	B) Unc ^E k =	PAR (dB)	Group	Communication System Name	Rev	UID
10822 AAD SO NR (CP-OFEM, 1 RB, 20MHz, OPSK, 60 Hz) SO NR FRI TIDO 7.74	±9.6	8.40	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	AAD	10829
10832 AAD SO NR (CP-OFIMI, 1 RB, 20MHz, OPSK, 6014t2)	±9.6	7.63	5G NR FR1 TDD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	AAD	10830
10839 AAD SO NR (CP-OFOM, 1 RB, 20 MHz, CPSK, 60 MHz) SO NR FRI TOD 7.75	±9.6	7.73	5G NR FR1 TDD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	AAD	10831
10835 AAD SO NR (CP-OFIM I RB, 40MHz, OPSK, 60H4z) SO NR FERT TOD 7.75	±9.6	7.74	5G NR FR1 TDD	D 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	AAD	10832
10838 AAD SO NR (CP-OFEM I, 18, 40 MHz, OPSK, 60 Hz) SO NR FRI TIDD 7.76	±9.6	7.70	5G NR FR1 TDD		AAD	10833
10837 AAD SG NR (CP-OFDM, 1 RB, S0MHz, CPSK, 60Hz)	±9.6	7.75	5G NR FR1 TDD	D 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	AAD	10834
19893 AAD SG NR (CP-GPEM, 1 RB, 80 MHz, CPSK, 60 MHz)	±9.6	7.70	5G NR FR1 TDD	D 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	AAD	10835
10899 AAD SG NR (CP-OFDM. 1 RB, 90MHz, OPSK, 60Hz) 5G NR FRI TDD 7.70	±9.6	7.66	5G NR FR1 TDD		AAD	10836
1984 AAD SG NR (CP-OFDM, 1 BR, 190MHz, CPSK, 60Hz)	±9.6	7.68	5G NR FR1 TDD		AAD	10837
10941 AAD SG NR (CP-OFDM, 109K, 818, 100MHz, OPSK, 60MHz) SG NR FR1 TDD 7.71 10943 AAD SG NR (CP-OFDM, 507K, 818, 20MHz, CPSK, 60MHz) SG NR FR1 TDD 8.49 10944 AAD SG NR (CP-OFDM, 507K, 818, 20MHz, CPSK, 60MHz) SG NR FR1 TDD 8.41 10946 AAD SG NR (CP-OFDM, 507K, 818, 20MHz, CPSK, 60MHz) SG NR FR1 TDD 8.41 10946 AAD SG NR (CP-OFDM, 100%, RB, 10MHz, CPSK, 60MHz) SG NR FR1 TDD 8.41 10857 AAD SG NR (CP-OFDM, 100%, RB, 10MHz, CPSK, 60MHz) SG NR FR1 TDD 8.35 10858 AAD SG NR (CP-OFDM, 100%, RB, 20MHz, CPSK, 60MHz) SG NR FR1 TDD 8.37 10857 AAD SG NR (CP-OFDM, 100%, RB, 20MHz, CPSK, 60MHz) SG NR FR1 TDD 8.37 10858 AAD SG NR (CP-OFDM, 100%, RB, 20MHz, CPSK, 60MHz) SG NR FR1 TDD 8.36 10859 AAD SG NR (CP-OFDM, 100%, RB, 20MHz, CPSK, 60MHz) SG NR FR1 TDD 8.36 10859 AAD SG NR (CP-OFDM, 100%, RB, 20MHz, CPSK, 60MHz) SG NR FR1 TDD 8.36 10850 AAD SG NR (CP-OFDM, 100%, RB, 60MHz, CPSK, 60MHz) SG NR FR1 TDD 8.36 10850 AAD SG NR (CP-OFDM, 100%, RB, 50MHz, CPSK, 60MHz) SG NR FR1 TDD 8.34 10861 AAD SG NR (CP-OFDM, 100%, RB, 50MHz, CPSK, 60MHz) SG NR FR1 TDD 8.40 10863 AAD SG NR (CP-OFDM, 100%, RB, 50MHz, CPSK, 60MHz) SG NR FR1 TDD 8.41 10863 AAD SG NR (CP-OFDM, 100%, RB, 50MHz, CPSK, 60MHz) SG NR FR1 TDD 8.40 10864 AAD SG NR (CP-OFDM, 100%, RB, 50MHz, CPSK, 60MHz) SG NR FR1 TDD 8.41 10865 AAD SG NR (CP-OFDM, 100%, RB, 50MHz, CPSK, 60MHz) SG NR FR1 TDD 8.41 10866 AAD SG NR (CP-OFDM, 100%, RB, 50MHz, CPSK, 60MHz) SG NR FR1 TDD 8.41 10867 AAD SG NR (CP-OFDM, 100%, RB, 50MHz, CPSK, 50MHz) SG NR FR1 TDD 8.41 10868 AAD SG NR (CP-OFDM, 100%, RB, 50MHz, CPSK, 50MHz) SG NR FR1 TDD 8.41 10869 AAD SG NR (CP-OFDM, 100%, RB, 50MHz, CPSK, 50MHz) SG NR FR1 TDD 8.41 10869 AAD SG NR (CP-OFDM, 100%, RB, 50MHz, CPSK, 50MHz) SG NR FR2 TDD 8.42 10869 AAD SG NR (CP-OFDM, 100%, RB, 50MHz, CPSK, 50MHz) SG NR FR2 TDD 8.42			5G NR FR1 TDD	, , , , , , , , , , , , , , , , , , , ,	AAD	10839
10946 AAD SG NR (CP-OFDM, 50% RB, 50MHz, OPSK, 60MHz) SG NR FR1 TDD 8.49					AAD	10840
10946 AAD SG NR (CP-OFDM, 50% RB, 20MHz, OPSK, 60kHz) SG NR FR1 TDD 8.34 10946 AAD SG NR (CP-OFDM, 100% RB, 15MHz, OPSK, 60kHz) SG NR FR1 TDD 8.41 10857 AAD SG NR (CP-OFDM, 100% RB, 15MHz, OPSK, 60kHz) SG NR FR1 TDD 8.36 10858 AAD SG NR (CP-OFDM, 100% RB, 20MHz, OPSK, 60kHz) SG NR FR1 TDD 8.37 10857 AAD SG NR (CP-OFDM, 100% RB, 20MHz, OPSK, 60kHz) SG NR FR1 TDD 8.37 10858 AAD SG NR (CP-OFDM, 100% RB, 20MHz, OPSK, 60kHz) SG NR FR1 TDD 8.35 10859 AAD SG NR (CP-OFDM, 100% RB, 20MHz, OPSK, 60kHz) SG NR FR1 TDD 8.36 10859 AAD SG NR (CP-OFDM, 100% RB, 20MHz, OPSK, 60kHz) SG NR FR1 TDD 8.36 10859 AAD SG NR (CP-OFDM, 100% RB, 50kHz, OPSK, 60kHz) SG NR FR1 TDD 8.36 10859 AAD SG NR (CP-OFDM, 100% RB, 50kHz, OPSK, 60kHz) SG NR FR1 TDD 8.36 10850 AAD SG NR (CP-OFDM, 100% RB, 50kHz, OPSK, 60kHz) SG NR FR1 TDD 8.41 10861 AAD SG NR (CP-OFDM, 100% RB, 50kHz, OPSK, 60kHz) SG NR FR1 TDD 8.41 10863 AAD SG NR (CP-OFDM, 100% RB, 50kHz, OPSK, 60kHz) SG NR FR1 TDD 8.40 10864 AAD SG NR (CP-OFDM, 100% RB, 50kHz, OPSK, 60kHz) SG NR FR1 TDD 8.41 10865 AAD SG NR (CP-OFDM, 100% RB, 50kHz, OPSK, 50kHz) SG NR FR1 TDD 8.41 10866 AAD SG NR (CP-OFDM, 100% RB, 50kHz, OPSK, 50kHz) SG NR FR1 TDD 8.47 10867 AAE SG NR (CP-OFDM, 100% RB, 50kHz, OPSK, 50kHz) SG NR FR1 TDD 8.47 10868 AAD SG NR (CP-OFDM, 100% RB, 100kHz, OPSK, 50kHz) SG NR FR1 TDD 8.47 10869 AAD SG NR (CP-OFDM, 100% RB, 100kHz, OPSK, 50kHz) SG NR FR1 TDD 5.89 10869 AAD SG NR (CPF-SOFDM, 108 RB, 100kHz, OPSK, 120kHz) SG NR FR2 TDD 5.56 10869 AAE SG NR (CPF-SOFDM, 108 RB, 100kHz, SGAN, 120kHz) SG NR FR2 TDD 5.57 10877 AAE SG NR (CPF-SOFDM, 108 RB, 100kHz, SGAN, 120kHz) SG NR FR2 TDD 5.57 10877 AAE SG NR (CPF-SOFDM, 108 RB, 100kHz, SGAN, 120kHz) SG NR FR2 TDD 5.58 10878 AAE SG NR (CPF-SOFDM, 108 RB, 100kHz, SGAN,					AAD	10841
10946 AAD SG NR (CP-OFDM, 100% RB, 30MHz, OPSK, 60MHz)						
10855 AAD SG NR (CP-OFDM, 100% RB, 10MHz, OPSK, 60MHz)						10844
10856 AAD SG NR (CP-OFDM, 100% RB, 15 MHz, CPSK, 60 Hz) SG NR FRI TDD 8.36						
10856 AAD SG NR (CP-CPOM, 100% RB, 20MHz, CPSK, 60MHz) SG NR FRI TDD 8.35						
10857 AAD SG NR (CP-OFOM, 109% RB, 25MHz, CPSK, 60Hz) SG NR FRI TDD 8.35						
10858 AAD SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60kHz) SG NR FRI TDD 8.36						
10869						
10860 AAD SG NR (CP-OFDM, 100%, RB, 60 MHz, QPSK, 60 KHz) SG NR FR1 TDD 8.41						
10861 AAD SG NR (CP-OFDM, 100%, RB, 60 MHz, QPSK, 60 kHz) SG NR FR1 TDD 8.40						
10883 AAD G. N.R. (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz) G. N.R. FRI TDD S.41						
10864 AAD SG NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 80 kHz) SG NR FRI TDD 8.37						
10865 AAD G. N.R. (CP-OFDM, 100%, RB, 100 MHz, QPSK, 60 kHz) G. N.R. FRI TDD S.41						
10866 AAD 5G NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.68 10868 AAD 5G NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.75 10870 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) 5G NR FRI TDD 5.75 10871 AAE 5G NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) 5G NR FRI TDD 5.75 10872 AAE 5G NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) 5G NR FRI TDD 5.75 10873 AAE 5G NR (DFTs-OFDM, 1 RB, 100 MHz, 1 6QAM, 120 kHz) 5G NR FRI TDD 6.52 10873 AAE 5G NR (DFTs-OFDM, 1 RB, 100 MHz, 4 6QAM, 120 kHz) 5G NR FRI TDD 6.52 10873 AAE 5G NR (DFTs-OFDM, 1 RB, 100 MHz, 4 6QAM, 120 kHz) 5G NR FRI TDD 6.61 10875 AAE 5G NR (DFTs-OFDM, 1 RB, 100 MHz, 4 6QAM, 120 kHz) 5G NR FRI TDD 6.65 10875 AAE 5G NR (DF-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) 5G NR FRI TDD 7.78 10876 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) 5G NR FRI TDD 7.78 10876 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) 5G NR FRI TDD 7.95 10878 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 4 6QAM, 120 kHz) 5G NR FRI TDD 7.95 10879 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 4 6QAM, 120 kHz) 5G NR FRI TDD 7.95 10879 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 4 6QAM, 120 kHz) 5G NR FRI TDD 8.41 10880 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 4 6QAM, 120 kHz) 5G NR FRI TDD 8.41 10881 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 4 6QAM, 120 kHz) 5G NR FRI TDD 8.41 10883 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 4 6QAM, 120 kHz) 5G NR FRI TDD 8.41 10884 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 4 6QAM, 120 kHz) 5G NR FRI TDD 8.50 10885 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 40 AMLz, 40 AMLz, 40 AMLz 5G NR FRI TDD 5.76 10886 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 40 AMLz, 40 AMLz 5G NR FRI TDD 5.66 10886 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 40 AMLz 5G NR FRI TDD 5.68 10886 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 50 AMLz 5G NR FRI TDD 5.68						
10868 AAD 5G NR (CPT-s-OFDM, 10% RB, 100 MHz, QPSK, 120 Hz) 5G NR FR1 TDD 5.89 10869 AAE 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 Hz) 5G NR FR2 TDD 5.75 5.75 5.75 50 NR FR2 TDD 5.86 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 Hz) 5G NR FR2 TDD 5.75 5.75 50 NR FR2 TDD 6.52 50 NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 Hz) 5G NR FR2 TDD 6.61 10873 AAE 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 Hz) 5G NR FR2 TDD 6.65 10875 AAE 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 Hz) 5G NR FR2 TDD 7.78 10876 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 Hz) 5G NR FR2 TDD 7.78 10876 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 Hz) 5G NR FR2 TDD 7.78 10876 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 Hz) 5G NR FR2 TDD 6.85 10878 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 160 NR L, 160 NR		_				
10869 AAE 5G NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.75 10870 AAE 5G NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.75 10871 AAE 5G NR (DFTs-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.52 10872 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.52 10873 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.65 10874 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 10875 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 7.78 10876 AAE 5G NR (DFTS-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 7.78 10876 AAE 5G NR (DFO-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 7.78 10877 AAE 5G NR (DFO-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 7.79 10878 AAE 5G NR (DFO-OFDM, 100% RB, 100 MHz, 100 MHz	_					
10870 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 5.76 10871 AAE 5G NR (DFTs-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 5.75 10873 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.65 10873 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.61 10874 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 10875 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 10876 AAE 5G NR (DFTS-OFDM, 100% RB, 100 MHz, 0PSK, 120 kHz) 5G NR FR2 TDD 8.39 10876 AAE 5G NR (DFDS-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.39 10877 AAE 5G NR (DFDS-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.41 10879 AAE 5G NR (DFDS-OFDM, 18B, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.41 10879 AAE 5G NR (DFDS-OFDM, 18B, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.42 10880 AAE 5G NR (DFDS-OFDM, 18B, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.12 10881 AAE 5G NR (DFDS-OFDM, 18B, 50 MHz, 05MHz, 05MHz, 05MHz) 5G NR FR2 TDD 8.38 10881 AAE 5G NR (DFTS-OFDM, 18B, 50 MHz, 05MHz, 0	_					
10871 AAE 5G NR (PFTs-OFDM, 1 RB, 100MHz, 16QAM, 120kHz) 5G NR FR2 TDD 5.75 10872 AAE 5G NR (PFTs-OFDM, 100% RB, 100MHz, 16QAM, 120kHz) 5G NR FR2 TDD 6.52 10873 AAE 5G NR (DFTs-OFDM, 18B, 100MHz, 64QAM, 120kHz) 5G NR FR2 TDD 6.65 10874 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 64QAM, 120kHz) 5G NR FR2 TDD 6.65 10875 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 64QAM, 120kHz) 5G NR FR2 TDD 7.78 10876 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, QFSK, 120kHz) 5G NR FR2 TDD 7.78 10877 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, QFSK, 120kHz) 5G NR FR2 TDD 7.95 10878 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120kHz) 5G NR FR2 TDD 8.41 10879 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120kHz) 5G NR FR2 TDD 8.41 10880 AAE 5G NR (CP-OFDM, 18B, 100 MHz, 64QAM, 120kHz) 5G NR FR2 TDD 8.38 10881 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120kHz) 5G NR FR2 TDD 8.38 10881 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120kHz) 5G NR FR2 TDD 5.75 10882 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 0PSK, 120kHz) 5G NR FR2 TDD 5.75 10883 AAE 5G NR (DFTs-OFDM, 1 RB, 50 MHz, 16QAM, 120kHz) 5G NR FR2 TDD 5.75 10884 AAE 5G NR (DFTs-OFDM, 1 RB, 50 MHz, 16QAM, 120kHz) 5G NR FR2 TDD 5.75 10884 AAE 5G NR (DFTs-OFDM, 1 RB, 50 MHz, 16QAM, 120kHz) 5G NR FR2 TDD 6.57 10885 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120kHz) 5G NR FR2 TDD 6.57 10886 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120kHz) 5G NR FR2 TDD 6.58 10887 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120kHz) 5G NR FR2 TDD 6.58 10888 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120kHz) 5G NR FR2 TDD 6.59 10889 AAE 5G NR (DFTS-OFDM, 100% RB, 50 MHz, 16QAM, 120kHz) 5G NR FR2 TDD 6.51 10889 AAE 5G NR (DFTS-OFDM, 100% RB, 50 MHz, 16QAM, 120kHz) 5G NR FR2 TDD 6.65 10889 AAE 5G NR (DFTS-OFDM, 100% RB, 50 MHz, 100KHz) 5G NR FR2 T						
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10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93					_	
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10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93						
10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93						
10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93	3 ±9.6	5.68	5G NR FR1 TDD			
10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93						
10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93		5.78	5G NR FR1 TDD			
	3 ±9.6	5.93	5G NR FR1 TDD		AAB	
10909 AAB 5G NK (DET-S-OFDIM, 50% HB, 15 MHZ, QESK, 30 KHZ) 5G NK FK1 TDD 5.96	6 ±9.6	5.96	5G NR FR1 TDD		AAB	10909
10910 AAB 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.83	3 ±9.6	5.83	5G NR FR1 TDD	AB 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	AAB	10910

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1991 ABS 60 NR 1971-0 197	UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
16912 ABB SO RR DIFTS OFEM, 50% RB, 30MHz, OPSK, 30MHz] SO IN REFIT TOD 5.84 5.95			·			
19919 ABB 50 RR DIPS-OFFEMS SOW RB 50 MR-CRY 50 MR FRIT TOD 5.84 5.9						
1991 AB SO RN DIFF-OFON 50% RB, SOMHA, OPSK, SOMHO SO NR FRITOD S.88 ±9.8						
19915 AAB SG NR [DTS-CPEM, 50% RB, 60MHz, GPSK, 30MHz] SG NR FR1 TDD 5.88 ±3.6						
19916 ABB SG NR IDTF-OFDM, 50% RB, 50MHz, CPSK, 30MHz SG NR FRI TIDD 5.67 9.68 19918 ABC SG NR IDTF-OFDM, 50% RB, 50MHz, CPSK, 30MHz SG NR FRI TIDD 5.68 9.68 19918 ABC SG NR IDTF-OFDM, 100% RB, 50MHz, CPSK, 30MHz SG NR FRI TIDD 5.68 9.68 19920 ABB SG NR IDTF-OFDM, 100% RB, 15MHz, CPSK, 30MHz SG NR FRI TIDD 5.67 9.68 9.68 19920 ABB SG NR IDTF-OFDM, 100% RB, 15MHz, CPSK, 30MHz SG NR FRI TIDD 5.67 9.68 9.68 19920 ABB SG NR IDTF-OFDM, 100% RB, 15MHz, CPSK, 30MHz SG NR FRI TIDD 5.67 9.69 19922 ABB SG NR IDTF-OFDM, 100% RB, 15MHz, CPSK, 30MHz SG NR FRI TIDD 5.62 2.68 19922 ABB SG NR IDTF-OFDM, 100% RB, 25MHz, CPSK, 30MHz SG NR FRI TIDD 5.62 2.68 19922 ABB SG NR IDTF-OFDM, 100% RB, 25MHz, CPSK, 30MHz SG NR FRI TIDD 5.62 2.69 19922 ABB SG NR IDTF-OFDM, 100% RB, 25MHz, CPSK, 30MHz SG NR FRI TIDD 5.64 4.96 19926 ABB SG NR IDTF-OFDM, 100% RB, 30MHz, CPSK, 30MHz SG NR FRI TIDD 5.64 4.96 19926 ABB SG NR IDTF-OFDM, 100% RB, 30MHz, CPSK, 30MHz SG NR FRI TIDD 5.64 4.96 19926 ABB SG NR IDTF-OFDM, 100% RB, 30MHz, CPSK, 30MHz SG NR FRI TIDD 5.64 4.96 19926 ABB SG NR IDTF-OFDM, 100% RB, 30MHz, CPSK, 30MHz SG NR FRI TIDD 5.64 4.96 19926 ABB SG NR IDTF-OFDM, 100% RB, 30MHz, CPSK, 30MHz SG NR FRI TIDD 5.64 4.96 19926 ABB SG NR IDTF-OFDM, 100% RB, 30MHz, CPSK, 30MHz SG NR FRI TIDD 5.64 4.96 19926 ABB SG NR IDTF-OFDM, 100% RB, 30MHz, CPSK, 30MHz SG NR FRI TIDD 5.65 4.96 19926 ABB SG NR IDTF-OFDM, 100% RB, 30MHz, CPSK, 15MHz SG NR FRI TIDD 5.52 4.96 19926 ABC SG NR IDTF-OFDM, 100% RB, 30MHz, CPSK, 15MHz SG NR FRI TIDD 5.52 4.96 19926 ABC SG NR IDTF-OFDM, 100% RB, 30MHz, CPSK, 15MHz SG NR FRI TIDD 5.52 4.96 19926 ABC SG NR IDTF-OFDM, 100% RB, 30MHz, CPSK, 15MHz SG NR FRI TIDD 5.51 4.96 19926 ABC SG NR IDTF-OFDM, 100%						
1991 AAB SO NR DET-COPEN, 50% RB, 100 MHz, CPSK, 300 Hz)						
1999 AB S ON R) (FIFE-OFEM, 100%, RB, 5MHz, QPSK, 30Hz) SON RFRI TIDD 5.58 9.6						
1992 AAB \$G NN (DFT-6-OFDM, 100K, RB, 50MHz, OPSK, 30MHz)		AAC				
1992 AAB SO NR (DFT-6-OFDM, 100%, RB, 20MHz, OPSK, 30 MHz)	10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
1992 ARB SQ NN (DPT-6-OFDM, 100% RB, 25MHz, OPSK, 30MHz) SQ NN FRI TIDD 5.82 9.86 19.86	10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
1992 AAB \$0 NR (DFT=0FDM, 100%, RB, 30MHz, OPSK, 30MHz) \$6 NR FRI TOD 5.84 \$9.8	10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
19925 AAB SO NR (DFT-OFDM, 100% RB, 40MHz, CPSK, 30MHz) SG NN FRI TIDD 5.95 9.86 19926 AAB SO NR (DFT-OFDM, 100% RB, 50MHz, CPSK, 30MHz) SG NN FRI TIDD 5.95 9.86 19927 AAB SG NR (DFT-OFDM, 100% RB, 60MHz, CPSK, 15MHz) SG NN FRI TIDD 5.94 9.96 19928 AAC SG NR (DFT-OFDM, 100% RB, 60MHz, CPSK, 15MHz) SG NN FRI TIDD 5.94 9.96 19928 AAC SG NR (DFT-OFDM, 100% RB, 60MHz, CPSK, 15MHz) SG NN FRI TIDD 5.52 9.96 19929 AAC SG NR (DFT-OFDM, 178) RUMEZ, CPSK, 15MHz) SG NN FRI TIDD 5.52 9.96 19929 AAC SG NR (DFT-OFDM, 178) RUMEZ, CPSK, 15MHz) SG NN FRI TIDD 5.52 9.96 19929 AAC SG NR (DFT-OFDM, 178) RUMEZ, CPSK, 15MHz) SG NR FRI TIDD 5.52 9.96 19939 AAC SG NR (DFT-OFDM, 178) RUMEZ, CPSK, 15MHz) SG NR FRI TIDD 5.52 9.96 19931 AAC SG NR (DFT-OFDM, 178) RUMEZ, CPSK, 15MHz) SG NR FRI TIDD 5.51 9.96 19933 AAC SG NR (DFT-OFDM, 178) RUMEZ, CPSK, 15MHz) SG NR FRI TIDD 5.51 9.96 19933 AAC SG NR (DFT-OFDM, 178) RUMEZ, CPSK, 15MHz) SG NR FRI TIDD 5.51 9.96 19933 AAC SG NR (DFT-OFDM, 178) RUMEZ, CPSK, 15MHz) SG NR FRI TIDD 5.51 9.96 19933 AAC SG NR (DFT-OFDM, 178) RUMEZ, CPSK, 15MHz) SG NR FRI TIDD 5.51 9.96 19933 AAC SG NR (DFT-OFDM, 178) RUMEZ, CPSK, 15MHz) SG NR FRI TIDD 5.51 9.96 19933 AAC SG NR (DFT-OFDM, 50% RB, 51MHz, CPSK, 15MHz) SG NR FRI TIDD 5.51 9.96 19933 AAC SG NR (DFT-OFDM, 50% RB, 51MHz, CPSK, 15MHz) SG NR FRI TIDD 5.51 9.96 19933 AAC SG NR (DFT-OFDM, 50% RB, 51MHz, CPSK, 15MHz) SG NR FRI TIDD 5.59 9.96 19933 AAC SG NR (DFT-OFDM, 50% RB, 50MHz, CPSK, 15MHz) SG NR FRI TIDD 5.79 9.96 19933 AAC SG NR (DFT-OFDM, 50% RB, 50MHz, CPSK, 15MHz) SG NR FRI TIDD 5.79 9.96 19933 AAC SG NR (DFT-OFDM, 50% RB, 50MHz, CPSK, 15MHz) SG NR FRI TIDD 5.89 9.96 19933 AAC SG NR (DFT-OFDM, 50% RB, 50MHz, CPSK, 15MHz) SG NR FRI TIDD 5.89 9.96 19933 AAC SG NR (DFT-OFDM, 50%	10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
19926 AAB SG NR (DFT-SCPEM, 100% RB, 50MHz, CPSK, 30MHz) SG NR FRI TDD 5,95 ±9.6	10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
19927 AAB SG NR (DPT-GOFDM, 100% RB, 60MHz, OPSK, 130Hz) SG NR FRI TDD 5.94 9.96 19.98 1	10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
19928 AAB SG NR (DFT-S-OFDM, 178, 5MHz, OPSK, 15MHz) SG NR FRI TDD 5.52 ±9.6	10925	AAB		5G NR FR1 TDD	5.95	±9.6
1938B AAC SG NR (PET-S-CFDM, 18, 5MHz, OPSK, 15kHz) 5G NR FRI FDD 5.92 ±9.6		AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
19990 AAC GG NR (DFTs-OFDM, 1 RB, 10MHz, OPSK, 15KHz) 5G NR FRI FDD 5.52 ±9.6	10927	AAB				
19930 AAC GO NR (DFTs-OFDM, 1R B, 15MHz, OPSK, 15MHz) 5G NR FRI FDD 5.51 ±9.6			, , , , , , , , , , , , , , , , , , , ,			
1993 AAC GG NR (DFTs-OFDM, 1 RB, 20MHz, OPSK, 15kHz) 5G NR FRI FDD 5.51 ±9.6			,			
19932 AAC SG NR (DFT-GPEM, 1 RB, 25MHz, DPSK, 15Hz) SG NR FRI FDD 5.51 9.96						
10933 AAC SG NR (DFT-S-OFDM, 1 RB, 30 MHz, QPSK, 15kHz) SG NR FRI FDD 5.51 ±9.6 10936 AAC SG NR (DFT-S-OFDM, 1 RB, 50 MHz, QPSK, 15kHz) SG NR FRI FDD 5.51 ±9.6 10937 AAC SG NR (DFT-S-OFDM, 1 RB, 50 MHz, QPSK, 15kHz) SG NR FRI FDD 5.50 ±9.6 10938 AAC SG NR (DFT-S-OFDM, 50% RB, 5 MHz, QPSK, 15kHz) SG NR FRI FDD 5.90 ±9.6 10937 AAC SG NR (DFT-S-OFDM, 50% RB, 5 MHz, QPSK, 15kHz) SG NR FRI FDD 5.90 ±9.6 10938 AAC SG NR (DFT-S-OFDM, 50% RB, 15 MHz, QPSK, 15kHz) SG NR FRI FDD 5.90 ±9.6 10939 AAC SG NR (DFT-S-OFDM, 50% RB, 15 MHz, QPSK, 15kHz) SG NR FRI FDD 5.90 ±9.6 10940 AAC SG NR (DFT-S-OFDM, 50% RB, 25 MHz, QPSK, 15kHz) SG NR FRI FDD 5.90 ±9.6 10941 AAC SG NR (DFT-S-OFDM, 50% RB, 25 MHz, QPSK, 15kHz) SG NR FRI FDD 5.82 ±9.6 10942 AAC SG NR (DFT-S-OFDM, 50% RB, 40 MHz, QPSK, 15kHz) SG NR FRI FDD 5.85 ±9.6 10943 AAC SG NR (DFT-S-OFDM, 50% RB, 40 MHz, QPSK, 15kHz) SG NR FRI FDD 5.85 ±9.6 10944 AAC SG NR (DFT-S-OFDM, 50% RB, 50 MHz, QPSK, 15kHz) SG NR FRI FDD 5.85 ±9.6 10945 AAC SG NR (DFT-S-OFDM, 50% RB, 50 MHz, QPSK, 15kHz) SG NR FRI FDD 5.85 ±9.6 10946 AAC SG NR (DFT-S-OFDM, 100% RB, 10 MHz, QPSK, 15kHz) SG NR FRI FDD 5.85 ±9.6 10947 AAC SG NR (DFT-S-OFDM, 100% RB, 15 MHz, QPSK, 15kHz) SG NR FRI FDD 5.85 ±9.6 10947 AAC SG NR (DFT-S-OFDM, 100% RB, 15 MHz, QPSK, 15kHz) SG NR FRI FDD 5.85 ±9.6 10947 AAC SG NR (DFT-S-OFDM, 100% RB, 15 MHz, QPSK, 15kHz) SG NR FRI FDD 5.85 ±9.6 10948 AAC SG NR (DFT-S-OFDM, 100% RB, 25 MHz, QPSK, 15kHz) SG NR FRI FDD 5.87 ±9.6 10949 AAC SG NR (DFT-S-OFDM, 100% RB, 25 MHz, QPSK, 15kHz) SG NR FRI FDD 5.87 ±9.6 10949 AAC SG NR (DFT-S-OFDM, 100% RB, 25 MHz, QPSK, 15kHz) SG NR FRI FDD 5.87 ±9.6 10949 AAC SG NR (DFT-S-OFDM, 100% RB, 25 MHz, QPSK, 15kHz) SG NR FRI FDD 5.87 ±9.6 10949 AAC SG NR (DFT-S-O						
10935 AAC SG NR (DFT-S-OFDM, 1 RB. 40MHz, OPSK, 15HHz)			, , , , , , , , , , , , , , , , , , , ,			
10936 AAD SO NR (DFTs-OFDM, 1 RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.51 9.6 10937 AAC 5G NR (DFTs-OFDM, 50% RB, 5MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.90 29.6 10938 AAC 5G NR (DFTs-OFDM, 50% RB, 15MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.90 29.6 10938 AAC 5G NR (DFTs-OFDM, 50% RB, 15MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.90 29.6 10939 AAC 5G NR (DFTs-OFDM, 50% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.82 29.6 10940 AAC 5G NR (DFTs-OFDM, 50% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.82 29.6 10941 AAC 5G NR (DFTs-OFDM, 50% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.83 29.6 10942 AAC 5G NR (DFTs-OFDM, 50% RB, 30MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.83 29.6 10942 AAC 5G NR (DFTs-OFDM, 50% RB, 30MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85 29.6 10942 AAC 5G NR (DFTs-OFDM, 50% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85 29.6 10944 AAC 5G NR (DFTs-OFDM, 50% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85 29.6 10944 AAC 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85 29.6 10945 AAC 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.81 29.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 15MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85 29.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 15MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 29.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 29.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 29.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 29.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 29.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.84 29.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 29.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 29.6 10950 AAC						
10936 AAC SG NR (DFTs-OFDM, 50% RB, 5MHz, QPSK, 15kHz)						
1933 AAC SO NR (DFTs-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) SO NR FR1 FDD 5.97 ±9.6						
10938 AAC SG NR (DFTs-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.90 ±9.6 10940 AAC SG NR (DFTs-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.89 ±9.6 10941 AAC SG NR (DFTs-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.89 ±9.6 10942 AAC SG NR (DFTs-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.89 ±9.6 10943 AAD SG NR (DFTs-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.85 ±9.6 10944 AAC SG NR (DFTs-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.85 ±9.6 10944 AAC SG NR (DFTs-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.85 ±9.6 10944 AAC SG NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.85 ±9.6 10945 AAC SG NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.85 ±9.6 10946 AAC SG NR (DFTs-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.85 ±9.6 10947 AAC SG NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.83 ±9.6 10949 AAC SG NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.87 ±9.6 10949 AAC SG NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.87 ±9.6 10949 AAC SG NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.87 ±9.6 10949 AAC SG NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.94 ±9.6 10949 AAC SG NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.94 ±9.6 10950 AAC SG NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.94 ±9.6 10951 AAD SG NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.92 ±9.6 10952 AAA SG NR DK (DF-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 5.92 ±9.6 10953 AAA SG NR DK (DF-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.23 ±9.6 10956 AAA SG NR DK (DF-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.14 ±9.6 10957 AAA						
10939 AAC 5G NR (DFTs-OFDM, 50%, RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.82 ±9.6 10940 AAC 5G NR (DFTs-OFDM, 50%, RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10942 AAC 5G NR (DFTs-OFDM, 50%, RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10942 AAC 5G NR (DFTs-OFDM, 50%, RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10943 AAC 5G NR (DFTs-OFDM, 50%, RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10944 AAC 5G NR (DFTs-OFDM, 50%, RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10944 AAC 5G NR (DFTs-OFDM, 100%, RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ±9.6 10944 AAC 5G NR (DFTs-OFDM, 100%, RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100%, RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100%, RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100%, RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100%, RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100%, RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100%, RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100%, RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100%, RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100%, RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100%, RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10951 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10951 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.24 ±9.6 10955 AAA 5G NR DL (CP-OFDM,						
10940 AAC SG NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.89 4.9.6						
10941 AAC SG NR (DFT-s-OFDM, 50% RB, 40MHz, QPSK, 15kHz) SG NR FR1 FDD 5.83 ±9.6 10943 AAC SG NR (DFT-s-OFDM, 50% RB, 40MHz, QPSK, 15kHz) SG NR FR1 FDD 5.85 ±9.6 10944 AAC SG NR (DFT-s-OFDM, 50% RB, 50MHz, QPSK, 15kHz) SG NR FR1 FDD 5.95 ±9.6 10945 AAC SG NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FR1 FDD 5.81 ±9.6 10946 AAC SG NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FR1 FDD 5.85 ±9.6 10947 AAC SG NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 15kHz) SG NR FR1 FDD 5.83 ±9.6 10948 AAC SG NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 15kHz) SG NR FR1 FDD 5.83 ±9.6 10949 AAC SG NR (DFT-s-OFDM, 100% RB, 25MHz, QPSK, 15kHz) SG NR FR1 FDD 5.87 ±9.6 10949 AAC SG NR (DFT-s-OFDM, 100% RB, 25MHz, QPSK, 15kHz) SG NR FR1 FDD 5.87 ±9.6 10949 AAC SG NR (DFT-s-OFDM, 100% RB, 25MHz, QPSK, 15kHz) SG NR FR1 FDD 5.87 ±9.6 10950 AAC SG NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FR1 FDD 5.87 ±9.6 10951 AAC SG NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FR1 FDD 5.92 ±9.6 10952 AAA SG NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FR1 FDD 5.92 ±9.6 10953 AAA SG NR DL (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FR1 FDD 5.92 ±9.6 10954 AAA SG NR DL (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FR1 FDD 8.25 ±9.6 10955 AAA SG NR DL (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FR1 FDD 8.25 ±9.6 10956 AAA SG NR DL (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FR1 FDD 8.29 ±9.6 10957 AAA SG NR DL (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FR1 FDD 8.29 ±9.6 10958 AAA SG NR DL (CP-OFDM, 100% RB, 50MHz, 20MHz, 20MH						
10942 AAC SG NR (DFT-s-OFDM, 50% RB, 40MHz, QPSK, 15kHz) SG NR FR1 FDD 5.85 ±9.6						
10943 AAD 5G NR (DFTs-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.95 ±9.6 10944 AAC 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.97 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAA 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 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, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.24 ±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 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.15 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 9.30 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.30 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.						
10944 AAC 5G NR (DFTs-OFDM, 100% RB, 5MHz, OPSK, 15kHz) 5G NR FR1 FDD 5.81 ±9.6 10945 AAC 5G NR (DFTs-OFDM, 100% RB, 15MHz, OPSK, 15kHz) 5G NR FR1 FDD 5.85 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 15MHz, OPSK, 15kHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, OPSK, 15kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, OPSK, 15kHz) 5G NR FR1 FDD 5.97 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, OPSK, 15kHz) 5G NR FR1 FDD 5.97 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 30MHz, OPSK, 15kHz) 5G NR FR1 FDD 5.97 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 30MHz, OPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50MHz, OPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10952 AAA 5G NR (DFTs-OFDM, 100% RB, 50MHz, OPSK, 15kHz) 5G NR FR1 FDD 5.92 ±9.6 10953 AAA 5G NR (DFTs-OFDM, 170 Mz, 50MHz, OPSK, 15kHz) 5G NR FR1 FDD 5.92 ±9.6 10954 AAA 5G NR (DFTs-OFDM, 170 Mz, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.25 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.25 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.42 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.41 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.91 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.91 ±9.6 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 TDD 9.92 ±9.6 10956 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1						
10945 AAC 5G NR (DFTs-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.85 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.83 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.87 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.94 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.94 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.94 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.94 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.94 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FRI FDD 5.92 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FRI FDD 5.92 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FRI FDD 8.25 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FRI FDD 8.15 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FRI FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FRI FDD 8.42 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FRI FDD 8.14 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FRI FDD 8.14 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FRI FDD 8.14 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FRI FDD 8.15 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FRI FDD 8.31 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FRI TDD 9.30 ±9.6 10960 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FRI TDD 9.29 ±9.6 10960 AAB 5G NR DL (CP-OFDM, TM		AAC				
10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10955 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, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 9.32 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.35 ±9.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10960 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10960 AAB 5G NR DL (CP	10945	AAC		5G NR FR1 FDD	5.85	
10948	10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10949 AAC 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAD 5G NR (DFTs-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, 5 MHz, 64-CAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-CAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-CAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-CAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-CAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-CAM, 30 kHz) 5G NR FR1 FDD 8.44 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-CAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-CAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-CAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-CAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-CAM, 15 kHz) 5G NR FR1 FDD 8.61 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-CAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-CAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-CAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-CAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-CAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-CAM, 30 kHz) 5G NR FR1 TDD 9.59 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-CAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10968 AAB	10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
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, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 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 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.29 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.59 ±9.6 10968 AAB 5G NR DL	10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10951 AAD 5G NR (DFTs-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, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G 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, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15kHz) 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 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TD	10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G 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 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10969 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10973 AAB 5G NR DL (CP-OFDM, TR 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10973 AAB 5G NR (CP-OFDM, TR 3.1, 20 MHz, 64-QAM, 30 kHz) 5						
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10979 AAA ULLA HDR4 ULLA 8.58 ±9.6 10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDRp4 ULLA 3.19 ±9.6	10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.6
10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDRp4 ULLA 3.19 ±9.6	10978	AAA	ULLA BDR	ULLA	1.16	±9.6
10981 AAA ULLA HDRp4 ULLA 3.19 ±9.6	10979	AAA	ULLA HDR4	ULLA	8.58	±9.6
· ·	10980	AAA			10.32	
10982 AAA ULLA HDRp8			· ·			
	10982	AAA	ULLA HDRp8	ULLA	3.43	±9.6

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EX3DV4 - SN:7555 July 19, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
11003	AAA	5G 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, 25 MHz, 64-QAM, 15 kHz)	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	5G 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)	5G NR FR1 FDD	8.96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±9.6
11013	AAA	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAA	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAA	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAA	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAA	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAA	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAA	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAA	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11 023	AAA	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAA	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9.6

 $^{^{\}mathsf{E}}$ 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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Certificate No: EX-7555_Jul23

Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





Schweizerischer Kalibrierdienst Service suisse d'étalonnage Servizio svizzero di taratura

S **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

Client

B.V. ADT (Auden)

Certificate No

EX-7797 Dec22

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7797

Calibration procedure(s)

QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,

QA CAL-25.v8

Calibration procedure for dosimetric E-field probes

Calibration date

December 12, 2022

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-22 (No. 217-03525/03524)	Apr-23
Power sensor NRP-Z91	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
OCP DAK-12	SN: 1016	20-Oct-22 (OCP-DAK12-1016_Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CC2552 (20x)	04-Apr-22 (No. 217-03527)	Apr-23
DAE4	SN: 660	10-Oct-22 (No. DAE4-660_Oct22)	Oct-23
Reference Probe ES3DV2	SN: 3013	27-Dec-21 (No. ES3-3013_Dec21)	Dec-22

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

Name

Function

Signature

Calibrated by

Jeton Kastrati

Laboratory Technician

Issued: December 14, 2022

Approved by

Sven Kühn

Technical Manager

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

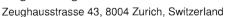
Certificate No: EX-7797 Dec22

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Report No.: SFBEMI-WTW-P23040655

Calibration Laboratory of

Schmid & Partner Engineering AG







Schweizerischer Kalibrierdienst Service suisse d'étalonnage C Servizio svizzero di taratura S **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 φ φ rotation around probe axis

Polarization ϑ ϑ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\vartheta = 0$ is

normal to probe axis

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

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 $\theta = 0$ ($f \le 900 \,\text{MHz}$ in TEM-cell; $f > 1800 \,\text{MHz}$: 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
- 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.v.z; Bx.v.z; Cx.v.z; Dx.v.z; VRx.v.z; A. B. C. D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- · ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for $f \le 800 \,\mathrm{MHz}$) and inside waveguide using analytical field distributions based on power measurements for $f > 800 \,\mathrm{MHz}$. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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Parameters of Probe: EX3DV4 - SN:7797

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm $(\mu V/(V/m)^2)$ A	0.49	0.49	0.49	±10.1%
DCP (mV) B	103.2	103.3	102.0	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		Α	В	С	D	VR	Max	Max
			dB	$dB\sqrt{\mu V}$		dB	m۷	dev.	Unc ^E
									k = 2
0	CW	X	0.00	0.00	1.00	0.00	143.6	±3.5%	±4.7%
		Y	0.00	0.00	1.00		143.5		
		Z	0.00	0.00	1.00		143.3		
10352	Pulse Waveform (200Hz, 10%)	X	1.40	60.03	5.83	10.00	60.0	±2.6%	±9.6%
		Υ	1.57	61.12	6.80		60.0		
		Z	1.37	60.00	5.84		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	74.00	9.00	6.99	80.0	±2.4%	±9.6%
		Y	0.81	60.00	5.16		80.0		
		Z	20.00	74.00	9.00		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.10	144.37	0.10	3.98	95.0	±2.6%	±9.6%
		Y	0.02	121.95	0.20		95.0		
		Z	0.04	135.38	0.05		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	0.00	149.87	55.73	2.22	120.0	±1.6%	±9.6%
		Y	9.20	125.18	1.31		120.0		
		Z	3.63	69.63	0.10]	120.0		
10387	QPSK Waveform, 1 MHz	X	0.60	70.44	17.00	1.00	150.0	±2.7%	±9.6%
		Y	0.49	64.70	12.92]	150.0		
		Z	0.55	67.66	15.35	1	150.0		
10388	QPSK Waveform, 10 MHz	X	1.61	71.24	15.93	0.00	150.0	±0.8%	±9.6%
		Y	1.32	66.91	14.07	1	150.0		
		Z	1.47	69.29	15.34	1	150.0		
10396	64-QAM Waveform, 100 kHz	X	1.65	64.78	16.33	3.01	150.0	±1.1%	±9.6%
		Y	1.77	65.65	16.48	1	150.0		
		Z	1.61	64.12	15.91	1	150.0		
10399	64-QAM Waveform, 40 MHz	X	2.80	67.65	15.91	0.00	150.0	±2.2%	±9.6%
		Y	2.78	66.71	15.31	1	150.0		
		Z	2.89	67.65	15.93	1	150.0	1	
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.72	67.43	15.89	0.00	150.0	±3.4%	±9.6%
		Υ	3.70	66.32	15.37	1	150.0	1	
		Z	3.77	67.07	15.81	1	150.0	1	

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.

Parameters of Probe: EX3DV4 - SN:7797

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 ms V ⁻²	T2 ms V ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	Т6
Х	6.7	48.53	33.84	3.38	0.00	4.90	0.26	0.03	1.00
У	8.1	59.52	34.09	4.23	0.00	4.95	0.60	0.00	1.00
Z	7.5	54.93	34.41	3.32	0.00	4.90	0.18	0.04	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-134.3°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

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Report No.: SFBEMI-WTW-P23040655

Parameters of Probe: EX3DV4 - SN:7797

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
750	41.9	0.89	9.09	9.09	9.09	0.52	0.80	±12.0%
835	41.5	0.90	8.87	8.87	8.87	0.44	0.80	±12.0%
1450	40.5	1.20	8.24	8.24	8.24	0.44	0.80	±12.0%
1750	40.1	1.37	8.03	8.03	8.03	0.33	0.86	±12.0%
1900	40.0	1.40	7.65	7.65	7.65	0.32	0.86	±12.0%
2000	40.0	1.40	7.60	7.60	7.60	0.30	0.86	±12.0%
2300	39.5	1.67	7.57	7.57	7.57	0.32	0.90	±12.0%
2450	39.2	1.80	7.39	7.39	7.39	0.38	0.90	±12.0%
2600	39.0	1.96	7.32	7.32	7.32	0.38	0.90	±12.0%
3300	38.2	2.71	6.35	6.35	6.35	0.30	1.35	±14.0%
3500	37.9	2.91	6.29	6.29	6.29	0.30	1.35	±14.0%
3700	37.7	3.12	6.27	6.27	6.27	0.30	1.40	±14.0%
3900	37.5	3.32	6.02	6.02	6.02	0.40	1.60	±14.0%
4100	37.2	3.53	5.84	5.84	5.84	0.40	1.60	±14.0%
4200	37.1	3.63	5.65	5.65	5.65	0.40	1.60	±14.0%
4400	36.9	3.84	5.48	5.48	5.48	0.40	1.70	±14.0%
4600	36.7	4.04	5.42	5.42	5.42	0.40	1.70	±14.0%
4800	36.4	4.25	5.40	5.40	5.40	0.40	1.80	±14.0%
4950	36.3	4.40	5.35	5.35	5.35	0.40	1.80	±14.0%
5250	35.9	4.71	4.89	4.89	4.89	0.40	1.80	±14.0%
5600	35.5	5.07	4.34	4.34	4.34	0.40	1.80	±14.0%
5750	35.4	5.22	4.39	4.39	4.39	0.40	1.80	±14.0%

^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 ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10 , 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–9 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

F At frequencies up to 6 GHz, the validity of tissue parameters (ϵ and σ) can be relaxed to $\pm 10\%$ if liquid compensation formula is applied to measured SAR

F At frequencies up to 6 GHz, the validity of tissue parameters (ε and σ) can be relaxed to $\pm 10\%$ if liquid compensation formula is applied to measured SAF values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

 $^{^{}G}$ Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than $\pm 1\%$ for frequencies below 3 GHz and below $\pm 2\%$ for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the boundary.

Parameters of Probe: EX3DV4 - SN:7797

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
6500	34.5	6.07	4.70	4.70	4.70	0.25	2.50	±18.6%

 $^{^{\}rm C}$ 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 ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

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Report No.: SFBEMI-WTW-P23040655

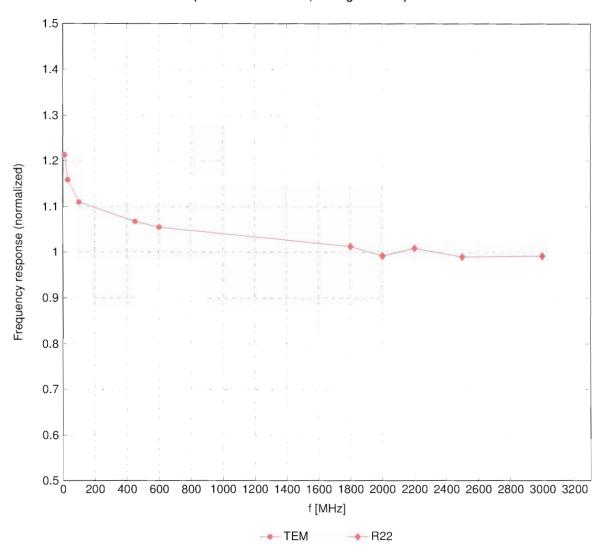
F At frequencies 6–10 GHz, the validity of tissue parameters (ε and σ) can be relaxed to \pm 10% if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than $\pm 1\%$ for frequencies below 3 GHz; below $\pm 2\%$ for frequencies between 3–6 GHz; and below $\pm 4\%$ for frequencies between 6–10 GHz at any distance larger than half the probe tip diameter from the boundary.

EX3DV4 - SN:7797

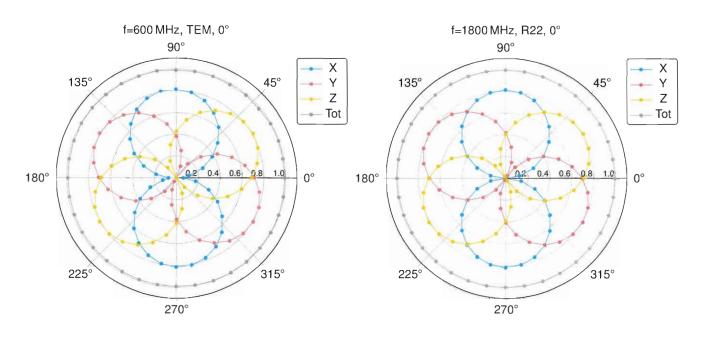
Frequency Response of E-Field

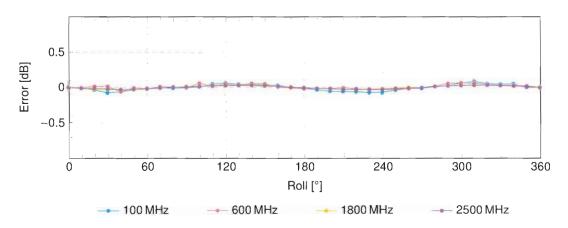
(TEM-Cell:ifi110 EXX, Waveguide:R22)



Uncertainty of Frequency Response of E-field: $\pm 6.3\%$ (k=2)

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

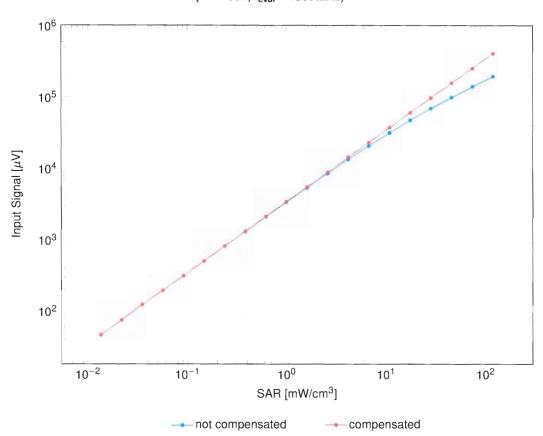


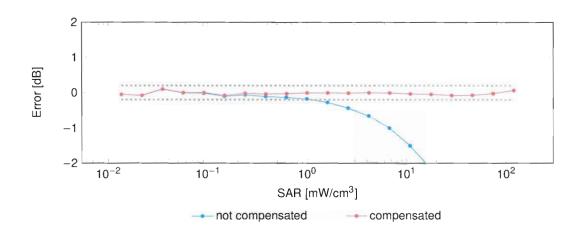


Uncertainty of Axial Isotropy Assessment: ±0.5% (k=2)

Dynamic Range f(SAR_{head})

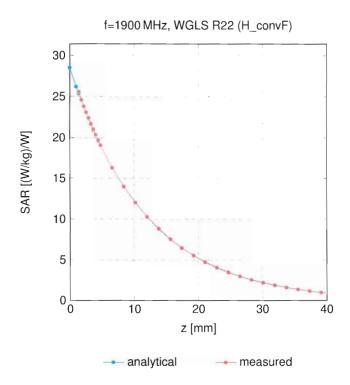
 $(\text{TEM cell, } f_{eval} = 1900\,\text{MHz})$



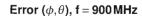


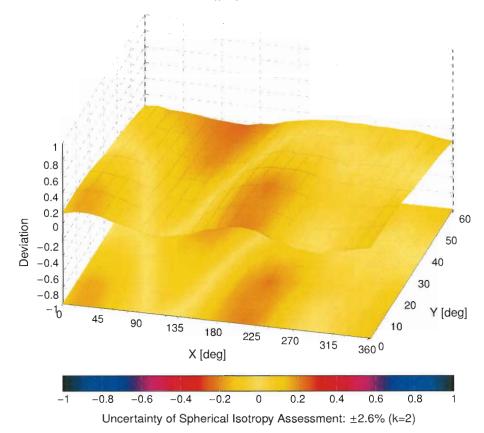
Uncertainty of Linearity Assessment: ±0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid





Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
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	±9.6
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	7.74	±9.6
10034	CAA		Bluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	3.83	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01 4.77	±9.6 ±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.77	±9.6
10038	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.10	±9.6
10039	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10042	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10044	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10098	DAC	UMTS-FDD (HSUPA, Subtest 2) EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM GSM	3.98 9.55	±9.6 ±9.6
10099	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	9.55 5.67	±9.6 ±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 10-QAM)	LTE-FDD	6.60	±9.6
10102	CAH	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	9.29	±9.6
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	±9.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	±9.6
		,,,,,		1	

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10112		Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6
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	±9.6
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% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	<u>±</u> 9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 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	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
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
10171	CAH	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	6.49 9.21	±9.6 ±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10174	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, 5 MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAH		LTE-FDD	6.52	±9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10179	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, 15MHz, QPSK)	LTE-FDD	5.72	±9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6
10195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.6
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10001	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
10221		IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
10221	CAD	TEEE COE.THY (TT WINGE, TO WIDDS, DI CITY)	******	0.00	
	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.48	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	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	±9.6
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 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.21	±9.6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6 ±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 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
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±9.6
10259	CAE	LTE-TDD (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
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	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	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.23	±9.6 ±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 10-QAM)	LTE-TDD	10.07	±9.6
10267	CAH		LTE-TDD	9.30	±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-TDD	9.58	±9.6
10274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
10277	CAA	PHS (QPSK)	PHS	11.81	±9.6
10278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6
10300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	LTE-FDD WiMAX	6.60	±9.6 ±9.6
10301	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC) IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WiMAX	12.03	±9.6
10302	AAA	IEEE 802.16e WIMAX (29.16, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	12.57	±9.6
10303	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	11.86	±9.6
10304	AAA	IEEE 802.16e WIMAX (23.16, 511s, 10 MHz, 64QAM, PUSC, 15 symbols)	WiMAX	15.24	±9.6
10306	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WiMAX	14.67	±9.6
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UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10307	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WiMAX	14.49	±9.6
10308	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WiMAX	14.46	±9.6
10309	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WiMAX	14.58	±9.6
10310	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WiMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAA	iDEN 1:3	iDEN	10.51	±9.6
10314	AAA	iDEN 1:6	iDEN	13.48	±9.6
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAD	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 60%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200Hz, 80%) Pulse Waveform (200Hz, 80%)	Generic	2.22	±9.6
10336	AAA	QPSK Waveform, 1 MHz	Generic Generic	0.97 5.10	±9.6 ±9.6
10387	AAA	QPSK Waveform, 10 MHz	Generic	5.10	±9.6
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAE	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAE	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAE	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	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	AAC	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	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.45 8.41	±9.6 ±9.6
10427	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10430	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, 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 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450	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
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAC	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9.6
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	±9.6 ±9.6
10463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56 7.82	±9.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10471	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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19472 AAC	UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
19475 APC LETIDIS GOFFDMA 18,15HMz, 190AM, U. Subframe-2,3,47,8,9 LETIDID 8,57 488 19475 APC LETIDIS GOFFDMA 18,15HMz, 190AM, U. Subframe-2,3,47,8,9 LETIDID 8,57 488 19478 APC LETIDIS GOFFDMA 18,20 MMz, 190AM, U. Subframe-2,3,47,8,9 LETIDID 8,57 498 19478 APC LETIDIS GOFFDMA 18,20 MMz, 190AM, U. Subframe-2,3,47,8,9 LETIDID 8,57 498 19478 APC LETIDIS GOFFDMA 18,20 MMz, 190AM, U. Subframe-2,3,47,8,9 LETIDID 7,74 19,6 19489 APC LETIDIS GOFFDMA 599 R8,14 MMz, 190AM, U. Subframe-2,3,47,8,9 LETIDID 7,74 19,6 19489 APC LETIDIS GOFFDMA 599 R8,14 MMz, 190AM, U. Subframe-2,3,47,8,9 LETIDID 8,16 19,8	10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	_ ` ` `	±9.6
19475 AFF LTE-TDD (SC-PEMA TR8 SMMz SA-OM, U. Subrame-2.3.4.7.8.9) LTE-TDD 8.57 9.6 19478 AGO LTE-TDD (SC-PEMA TR8 20MHz 1940-0M, U. Subrame-2.3.4.7.8.9) LTE-TDD 8.57 9.6 19479 AGO LTE-TDD (SC-PEMA TR8 20MHz 64-OM, U. Subrame-2.3.4.7.8.9) LTE-TDD 7.74 9.6 19480 AGO LTE-TDD (SC-PEMA TR8 20MHz 64-OM, U. Subrame-2.3.4.7.8.9) LTE-TDD 7.74 9.6 19481 AGO LTE-TDD (SC-PEMA TR8 20MHz 1940-0M, U. Subrame-2.3.4.7.8.9) LTE-TDD 8.18 9.6 19482 AGO LTE-TDD (SC-PEMA 50% RB 1.4MHz 16-OM, U. Subrame-2.3.4.7.8.9) LTE-TDD 7.71 9.6 19483 AGO LTE-TDD (SC-PEMA 50% RB 1.4MHz 16-OM, U. Subrame-2.3.4.7.8.9) LTE-TDD 7.71 9.6 19483 AGO LTE-TDD (SC-PEMA 50% RB 1.4MHz 16-OM, U. Subrame-2.3.4.7.8.9) LTE-TDD 7.71 9.6 19483 AGO LTE-TDD (SC-PEMA 50% RB 1.4MHz 16-OM, U. Subrame-2.3.4.7.8.9) LTE-TDD 8.19 9.6 19483 AGO LTE-TDD (SC-PEMA 50% RB 1.4MHz 1.6 CMM U. Subrame-2.3.4.7.8.9) LTE-TDD 8.19 9.6 19483 AGO LTE-TDD (SC-PEMA 50% RB 1.4MHz 1.6 CMM U. Subrame-2.3.4.7.8.9) LTE-TDD 8.19 9.6 19484 AGO LTE-TDD (SC-PEMA 50% RB 5.4MHz 1.6 CMM U. Subrame-2.3.4.7.8.9) LTE-TDD 8.19 9.6 19485 AGO LTE-TDD (SC-PEMA 50% RB 5.4MHz 5.6 CMM U. Subrame-2.3.4.7.8.9) LTE-TDD 8.50 9.6 19486 AGO LTE-TDD (SC-PEMA 50% RB 5.4MHz 5.6 CMM U. Subrame-2.3.4.7.8.9) LTE-TDD 8.50 9.6 19489 AGO LTE-TDD (SC-PEMA 50% RB 5.4MHz 5.6 CMM U. Subrame-2.3.4.7.8.9) LTE-TDD 8.50 9.6 19489 AGO LTE-TDD (SC-PEMA 50% RB 5.4MHz 5.6 CMM U. Subrame-2.3.4.7.8.9) LTE-TDD 8.51 9.6 19491 AGO LTE-TDD (SC-PEMA 50% RB 5.4MHz 5.6 CMM U. Subrame-2.3.4.7.8.9) LTE-TDD 8.51 9.6 19492 AF LTE-TDD (SC-PEMA 50% RB 5.4MHz 5.6 CMM U. Subrame-2.3.4.7.8.9) LTE-TDD 8.51 9.6 19493 AGO LTE-TDD (SC-PEMA 50% RB 5.4MHz 5.6 CMM U. Subrame-2.3.4.7.8.9) L	10473	AAF		LTE-TDD	7.82	±9.6
19478 AAG LIE-TOD IS-CPMA, 1RB, 20MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 8,77 1958 19479 AC LIE-TOD IS-CPMA, 50% RB, 1,4MHz, 0PSK, U. Subrame-23,47,89) LIE-TOD 8,77 19480 AC LIE-TOD IS-CPMA, 50% RB, 1,4MHz, 0PSK, U. Subrame-23,47,89) LIE-TOD 7,74 19480 AC LIE-TOD IS-CPMA, 50% RB, 1,4MHz, 0-OAM, U. Subrame-23,47,89) LIE-TOD 8,45 19481 AC LIE-TOD IS-CPMA, 50% RB, 1,4MHz, 0-OAM, U. Subrame-23,47,89) LIE-TOD 7,71 19482 AC LIE-TOD IS-CPMA, 50% RB, 1,4MHz, 0-OAM, U. Subrame-23,47,89) LIE-TOD 7,71 19493 AC LIE-TOD IS-CPMA, 50% RB, 1,4MHz, 0-OAM, U. Subrame-23,47,89) LIE-TOD 7,71 19494 AC LIE-TOD IS-CPMA, 50% RB, 3MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 7,71 1949 AC LIE-TOD IS-CPMA, 50% RB, 3MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 7,77 1959 1968 AC LIE-TOD IS-CPMA, 50% RB, 5MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 8,39 19483 AC LIE-TOD IS-CPMA, 50% RB, 5MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 8,40 19484 AC LIE-TOD IS-CPMA, 50% RB, 5MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 8,40 19485 AC LIE-TOD IS-CPMA, 50% RB, 5MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 8,40 19486 AC LIE-TOD IS-CPMA, 50% RB, 5MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 8,40 19486 AC LIE-TOD IS-CPMA, 50% RB, 5MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 8,40 19486 AC LIE-TOD IS-CPMA, 50% RB, 5MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 8,40 19486 AC LIE-TOD IS-CPMA, 50% RB, 5MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 7,70 1949 AC LIE-TOD IS-CPMA, 50% RB, 5MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 7,70 1949 AC LIE-TOD IS-CPMA, 50% RB, 5MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 7,70 1949 AC LIE-TOD IS-CPMA, 50% RB, 5MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 7,70 1949 AC LIE-TOD IS-CPMA, 50% RB, 5MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 7,70 1949 AC LIE-TOD IS-CPMA, 50% RB, 5MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 194 AC LIE-TOD IS-CPMA, 50% RB, 5MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 194 AC LIE-TOD IS-CPMA, 50% RB, 5MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 194 AC LIE-TOD IS-CPMA, 50% RB, 5MHz, 16-OAM, U. Subrame-23,47,89) LIE-TOD 195 AC LIE-TOD I			LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
19479 AAC LIFETDU SCF-PMA, 198, 20MHz, 64-OAM, U. Subrame-2,34,7,8,9 LIFETDU 7,74 19,8,6 19480 AAC, LIFETDU SCF-PMA, 59%-RB, 1,4MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 8,4,6 19481 AAC, LIFETDU SCF-PMA, 59%-RB, 1,4MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 8,4,6 19481 AAC, LIFETDU SCF-PMA, 59%-RB, 19MHz, 64-OAM, U. Subrame-2,34,7,8,9 LIFETDU 8,4,6 19483 AAD LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 8,9,7 19483 AAD LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 5,3,9 19484 AAC LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 5,3,9 19485 AAD LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 5,9,9 19485 AAC LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 5,9,9 19485 AAC LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 5,9,9 19486 AAC LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 5,9,9 19487 AAC LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 5,9,9 19487 AAC LIFETDU SCF-PMA, 59%-RB, 19MHz, 69-OAM, U. Subrame-2,34,7,8,9 LIFETDU 5,9,9 19489 AAC LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 5,9,9 19489 AAC LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 5,9,9 19499 AAC LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 7,7 1949 AAC LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 7,7 1949 AAC LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 7,7 1949 AAC LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 7,7 1949 AAC LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 7,7 1949 AAC LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 7,7 1949 AAC LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 7,7 1949 AAC LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 7,7 1949 AAC LIFETDU SCF-PMA, 59%-RB, 19MHz, 19-OAM, U. Subrame-2,34,7,8,9 LIFETDU 7,7				LTE-TDD	8.57	±9.6
10498 AAC LTE-TOD (SC-PDMA, 50% RB, 1.4MHz, 0-PSK, U.S. blatame-2.3.4.7.8.9) LTE-TOD 5.16 5.96					8.32	±9.6
10488 AAC LTE-TDD (SC-PDMA, 50% RB, 1.4 MHz, 16 OAM, UL Subframe-2.3.4.7.8.9) LTE-TDD 8.16 9.6					8.57	±9.6
10482 AAD LTE-TDD (SC-PDMA, 59% RB, 14MHz, 64-CAM, UL Subframe-23.47.8.9)		_			7.74	±9.6
19488 AAD LTE-TDD SC-PDMA 50% RB 3MHz, GPSK U, Subtrame-2,3,4,78,9 LTE-TDD 8,39						
1948 AAD LTE-TDD SC-PDMA, 50% RB, 3 MHz, 16 GAM, LU Subtrame-2,3,4,78,9 LTE-TDD 8,47 9,56 1948 AAD LTE-TDD SC-PDMA, 50% RB, 5 MHz, CPSK, U. Subtrame-2,3,4,78,9 LTE-TDD 7,59 9,56 1948 AAG LTE-TDD SC-PDMA, 50% RB, 5 MHz, CPSK, U. Subtrame-2,3,4,78,9 LTE-TDD 7,59 9,56 1948 AAG LTE-TDD SC-PDMA, 50% RB, 5 MHz, 16 GAM, LU Subtrame-2,3,4,78,9 LTE-TDD 8,60 9,56 1948 AAG LTE-TDD SC-PDMA, 50% RB, 5 MHz, 16 GAM, LU Subtrame-2,3,4,78,9 LTE-TDD 8,60 9,56 1948 AAG LTE-TDD SC-PDMA, 50% RB, 5 MHz, 196 AM, LU Subtrame-2,3,4,78,9 LTE-TDD 8,60 9,56 1948 AAG LTE-TDD SC-PDMA, 50% RB, 5 MHz, 196 AM, LU Subtrame-2,3,4,78,9 LTE-TDD 7,70 9,56 1948 AAG LTE-TDD SC-PDMA, 50% RB, 10 MHz, 196 AM, LU Subtrame-2,3,4,78,9 LTE-TDD 8,51 9,56 1949 AAG LTE-TDD SC-PDMA, 50% RB, 10 MHz, 196 AM, LU Subtrame-2,3,4,78,9 LTE-TDD 7,74 9,56 1949 AAF LTE-TDD SC-PDMA, 50% RB, 15 MHz, 26 AM, LU Subtrame-2,3,4,78,9 LTE-TDD 7,74 9,56 1949 AAF LTE-TDD SC-PDMA, 50% RB, 15 MHz, 26 AM, LU Subtrame-2,3,4,78,9 LTE-TDD 7,74 9,56 1949 AAF LTE-TDD SC-PDMA, 50% RB, 15 MHz, 26 AM, LU Subtrame-2,3,4,78,9 LTE-TDD 7,74 9,56 1949 AAF LTE-TDD SC-PDMA, 50% RB, 15 MHz, 26 AM, LU Subtrame-2,3,4,78,9 LTE-TDD 8,57 9,56 1949 AAF LTE-TDD SC-PDMA, 50% RB, 15 MHz, 26 AM, LU Subtrame-2,3,4,78,9 LTE-TDD 8,57 9,56 1949 AAF LTE-TDD SC-PDMA, 50% RB, 15 MHz, 26 AM, LU Subtrame-2,3,4,78,9 LTE-TDD 8,57 9,56 1949 AAF LTE-TDD SC-PDMA, 50% RB, 14 MHz, 26 AM, LU Subtrame-2,3,4,78,9 LTE-TDD 8,57 9,56 1949 AAF LTE-TDD SC-PDMA, 50% RB, 14 MHz, 26 AM, LU Subtrame-2,3,4,78,9 LTE-TDD 8,54 9,56 1949 AAF LTE-TDD SC-PDMA, 50% RB, 14 MHz, 26 AM, LU Subtrame-2,3,4,78,9 LTE-TDD 8,54 9,56 1949 AAF LTE-TDD SC-PDMA, 100% RB, 14 MHz, 26 AM, LU Subtrame-2,3,4,78,9 LTE-TDD 8,54 9,56 1949 AAF LTE-TDD SC-PDMA, 100% RB, 14 MHz, 26 AM, LU Subtrame-2,3,4,78,9 LTE-TDD						
1948 AAD LTE-TDD (SC-PDMA, 50% RB, 3MHz, 64-GMA, UL Subtrame-2,3.4.7.8.9)						
19486 AAG LTE-TDD (SC-PDMA, 50% RB, 5MHz, GPSK, UL Subframe-2,3.4,7.8,9)						
1948 AAG LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-CAM, UL Subtrame-2,3.4.7.8.9) LTE-TDD 8.30 1.9.6						
10488 AAG						
10488 AAG LTE-TDD (SC-FDMA, 50% RB, 104Hz, 10-GAM, LU, Subtrame-2,3,47.8.9) LTE-TDD 7.70 49.6						
10489 AAG UTE-TDD (SC-FDMA, 59% RB, 104Hz, 16-CAM, UL Subtrame-2,3.47.8.9) UTE-TDD 8.54 9.6 10491 AAF UTE-TDD (SC-FDMA, 59% RB, 154Hz, 267-KL, US. Subtrame-2,3.47.8.9) UTE-TDD 7.74 9.6 10492 AAF UTE-TDD (SC-FDMA, 59% RB, 154Hz, 267-KL, US. Subtrame-2,3.47.8.9) UTE-TDD 7.74 9.6 10493 AAF UTE-TDD (SC-FDMA, 59% RB, 154Hz, 16-CAM, UL Subtrame-2,3.47.8.9) UTE-TDD 8.45 19.6 10493 AAF UTE-TDD (SC-FDMA, 59% RB, 154Hz, 16-CAM, UL Subtrame-2,3.47.8.9) UTE-TDD 7.74 19.6 10493 AAF UTE-TDD (SC-FDMA, 59% RB, 204Hz, 16-CAM, UL Subtrame-2,3.47.8.9) UTE-TDD 7.74 19.6 10495 AAG UTE-TDD (SC-FDMA, 59% RB, 204Hz, 16-CAM, UL Subtrame-2,3.47.8.9) UTE-TDD 7.74 19.6 10495 AAG UTE-TDD (SC-FDMA, 59% RB, 204Hz, 16-CAM, UL Subtrame-2,3.47.8.9) UTE-TDD 8.54 19.6 10496 AAG UTE-TDD (SC-FDMA, 59% RB, 204Hz, 16-CAM, UL Subtrame-2,3.47.8.9) UTE-TDD 8.54 19.6 10497 AAC UTE-TDD (SC-FDMA, 105% RB, 14-MbLz, 16-CAM, UL Subtrame-2,3.47.8.9) UTE-TDD 8.54 19.6 10499 AAC UTE-TDD (SC-FDMA, 105% RB, 14-MbLz, 16-CAM, UL Subtrame-2,3.47.8.9) UTE-TDD 8.40 19.6 10500 AAD UTE-TDD (SC-FDMA, 105% RB, 14-MbLz, 16-CAM, UL Subtrame-2,3.47.8.9) UTE-TDD 8.40 19.6 10500 AAD UTE-TDD (SC-FDMA, 105% RB, 14-MbLz, 16-CAM, UL Subtrame-2,3.47.8.9) UTE-TDD 7.67 19.6 10500 AAD UTE-TDD (SC-FDMA, 105% RB, 14-MbLz, 16-CAM, UL Subtrame-2,3.47.8.9) UTE-TDD 7.67 19.6 10500 AAD UTE-TDD (SC-FDMA, 105% RB, 14-MbLz, 16-CAM, UL Subtrame-2,3.47.8.9) UTE-TDD 8.52 19.6 10500 AAG UTE-TDD (SC-FDMA, 105% RB, 15-MbLz, 16-CAM, UL Subtrame-2,3.47.8.9) UTE-TDD 8.52 19.6 10500 AAG UTE-TDD (SC-FDMA, 105% RB, 15-MbLz, 16-CAM, UL Subtrame-2,3.47.8.9) UTE-TDD 8.54 19.6 10500 AAG UTE-TDD (SC-FDMA, 105% RB, 15-MbLz, 16-CAM, UL Subtrame-2,3.47.8.9) UTE-TDD 8.54 19.6 10500 AAG UTE-TDD (SC-FDMA, 105% RB, 15-MbLz, 16-CAM, UL Subtrame-2,3.47.8.9) UTE-TDD 8.54 19.6 10500 AAG UTE-TD						
10499 AAF ITE-TDD (SC-FDMA, 50% RB, 15MHz, GPSK, UL, Subframe-2,3,47,8.9) ITE-TDD (SC-FDMA, 50% RB, 15MHz, GPSK, UL, Subframe-2,3,47,8.9) ITE-TDD (SC-FDMA, 50% RB, 15MHz, 16-AM, UL, Subframe-2,3,47,8.9) ITE-TDD (SC-FDMA, 50% RB, 20MHz, CPSK, UL, Subframe-2,3,47,8.9) ITE-TDD (SC-FDMA, 50% RB, 20MHz, 60-AM, UL, Subframe-2,3,47,8.9) ITE-TDD (SC-FDMA, 50% RB, 14-MHz, 0-PSK, UL, Subframe-2,3,47,8.9) ITE-TDD (SC-FDMA, 50% RB, 14-MHz, 0-PSK, UL, Subframe-2,3,47,8.9) ITE-TDD (SC-FDMA, 100% RB, 14-MHz, 0-PSK, UL, Subframe-2,3,47,8.9) ITE-TDD (SC-FDMA, 100% RB, 14-MHz, 0-PSK, UL, Subframe-2,3,47,8.9) ITE-TDD (SC-FDMA, 100% RB, 3MHz, 0-PSK, UL, Subframe-2,3,47,8.9) ITE-TDD (SC-FDMA, 100% RB, 5MHz, 0-PSK, UL, Subframe-2,3,47,8.9) ITE-TDD (SC-FDMA, 100% RB, 5MHz, 60-AM, UL, Subframe-2,3,47,8.9) ITE-TDD (SC-FDMA, 100% RB, 10MHz, 60-AM, UL, Subframe-2,3,47,8.9) ITE-TDD (SC-FDMA, 100% RB, 10MHz, 60-AM, UL, Subframe-2,3,47,8.9) ITE-TDD (SC-FDM						
10491 AAF						
10493 AAF						
10499 AAF LTE-TID (SC-FDMA, 50% RB, 15 MHz, 64-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-CAM, UL Subtrame-2,3,4.7,8,9) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 20 M						
10496 AAG LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-QAM, UL Subframe-2,3.4,7.8,9) LTE-TDD 8.37 ±9.6						
10498 AAG LTE-TID (SC-FDMA, 50% RB, 20 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.37 49.6 10497 AAC LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.54 49.6 10497 AAC LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.60 49.6 10499 AAC LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.60 49.6 10500 AAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.60 49.6 10500 AAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 7.67 49.6 10502 AAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.62 49.6 10502 AAD LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.52 49.6 10502 AAD LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.52 49.6 10503 AAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.54 49.6 10503 AAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.51 49.6 10503 AAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.51 49.6 10509 AAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.51 49.6 10509 AAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.51 49.6 10509 AAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.51 49.6 10509 AAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.55 49.6 10509 AAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.55 49.6 10509 AAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.51 49.6 10509 AAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-CAM, UL Subframe-2,3,4,7,8,9) LTE-TDD 8.55 49.6						
10499 AAG						
10499 AAC LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 0F-SK, UL Subtrame-2,3.4,7.8,9) LTE-TDD 8.40 49.6 10499 AAC LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subtrame-2,3.4,7.8,9) LTE-TDD 8.68 49.6 10500 AAD LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subtrame-2,3.4,7.8,9) LTE-TDD 7.67 49.6 10500 AAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subtrame-2,3.4,7.8,9) LTE-TDD 7.67 49.6 10500 AAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subtrame-2,3.4,7.8,9) LTE-TDD 8.44 49.6 10502 AAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subtrame-2,3.4,7.8,9) LTE-TDD 8.52 49.6 10503 AAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 2 RD-2M, UL Subtrame-2,3.4,7.8,9) LTE-TDD 8.52 49.6 10504 AAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 2 RD-2M, UL Subtrame-2,3.4,7.8,9) LTE-TDD 8.31 49.6 10505 AAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 2 RD-2M, UL Subtrame-2,3.4,7.8,9) LTE-TDD 8.31 49.6 10506 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subtrame-2,3.4,7.8,9) LTE-TDD 8.31 49.6 10507 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subtrame-2,3.4,7.8,9) LTE-TDD 8.74 49.6 10509 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM, UL Subtrame-2,3.4,7.8,9) LTE-TDD 8.74 49.6 10509 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM, UL Subtrame-2,3.4,7.8,9) LTE-TDD 8.74 49.6 10509 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM, UL Subtrame-2,3.4,7.8,9) LTE-TDD 8.75 49.6 10509 AAG LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subtrame-2,3.4,7.8,9) LTE-TDD 8.75 49.6 10509 AAG LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subtrame-2,3.4,7.8,9) LTE-TDD 8.75 49.6 10510 AAF LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subtrame-2,3.4,7.8,9) LTE-TDD 8.75 49.6 10510 AAG LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subtrame-2,3.4,7.8,9) LTE-TDD 8.75 49.6 10510 AAG LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subtrame-2,3.4,7.8,9) LTE-TDD 8.75 49.6 105						
10498	10497	AAC				
10499 AAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-OAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.68 49.6	10498	AAC				
10501 AAD	10499	AAC				
10502 AAD LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.52 ±9.6 10503 AAG LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.72 ±9.6 10505 AAG LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.31 ±9.6 10505 AAG LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.54 ±9.6 10506 AAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 ±9.6 10506 AAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.36 ±9.6 10508 AAG LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.55 ±9.6 10509 AAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.55 ±9.6 10510 AAF LTE-TDD (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-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.49 ±9.6 10513 AAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.51 ±9.6 10513 AAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.51 ±9.6 10514 AAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.42 ±9.6 10514 AAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.42 ±9.6 10515 AAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.42 ±9.6 10516 AAA LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 ±9.6 10516 AAA LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 ±9.6 10516 AAA LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 ±9.6 10516 AAC LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 20	10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10503 AAG	10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	±9.6
10504 AAG LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.31	10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	±9.6
10505 AAG	10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10506 AAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 0FSK, 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 Subframe=2,3,4,7,8,9) LTE-TDD 8.36 ±9.6 10508 AAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.99 ±9.6 10509 AAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 0FSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.99 ±9.6 10510 AAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 0FSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.49 ±9.6 10511 AAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.49 ±9.6 10512 AAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 0FSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.74 ±9.6 10513 AAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 0FSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.74 ±9.6 10513 AAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 0FSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.42 ±9.6 10514 AAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 0FSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 ±9.6 10515 AAA IEEE 802.11b WiFi 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 1.58 ±9.6 10516 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle) WLAN 1.58 ±9.6 10516 AAA IEEE 802.11b WiFi 5.6Hz (DFDM, 12 Mbps, 99pc duty cycle) WLAN 1.58 ±9.6 10516 AAA IEEE 802.11a/h WiFi 5.6Hz (DFDM, 12 Mbps, 99pc duty cycle) WLAN 8.23 ±9.6 10520 AAC IEEE 802.11a/h WiFi 5.6Hz (DFDM, 18 Mbps, 99pc duty cycle) WLAN 8.29 ±9.6 10520 AAC IEEE 802.11a/h WiFi 5.6Hz (DFDM, 36 Mbps, 99pc duty cycle) WLAN 8.12 ±9.6 10520 AAC IEEE 802.11a/h WiFi 5.6Hz (DFDM, 36 Mbps, 99pc duty cycle) WLAN 8.45 ±9.6 10520 AAC IEEE 802.11a/h WiFi 5.6Hz (DFDM, 36 Mbps, 99pc duty cycle) WLAN 8.45 ±9.6 10526 AAC IEEE 802.11a/h WiFi 5.6Hz (DFDM, 36 Mbps, 99pc duty cycle) WLAN 8.45 ±9.6 10526 AAC IEEE	10504	AAG		LTE-TDD	8.31	±9.6
10507 AAG	10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10508 AAG	10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10509 AAF	10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	±9.6
10510 AAF		_			8.55	±9.6
10511 AAF						
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-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=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-TDD 8.45 ±9.6 10515 AAA IEEE 802.11b WiFi 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, 5.5 Mbps, 99pc duty cycle) WLAN 1.57 ±9.6 10518 AAA IEEE 802.11b WiFi 5.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle) WLAN 1.58 ±9.6 10519 AAC IEEE 802.11a/h WiFi 5.6Hz (DFDM, 9 Mbps, 99pc duty cycle) WLAN 8.23 ±9.6 10520 AAC IEEE 802.11a/h WiFi 5.6Hz (DFDM, 12 Mbps, 99pc duty cycle) WLAN 8.39 ±9.6 10520 AAC IEEE 802.11a/h WiFi 5.6Hz (DFDM, 24 Mbps, 99pc duty cycle) WLAN 8.12 ±9.6 10521 AAC IEEE 802.11a/h WiFi 5.6Hz (DFDM, 36 Mbps, 99pc duty cycle) WLAN 8.12 ±9.6 10522 AAC IEEE 802.11a/h WiFi 5.6Hz (DFDM, 36 Mbps, 99pc duty cycle) WLAN 8.45 ±9.6 10523 AAC IEEE 802.11a/h WiFi 5.6Hz (DFDM, 36 Mbps, 99pc duty cycle) WLAN 8.45 ±9.6 10524 AAC IEEE 802.11a/h WiFi 5.6Hz (DFDM, 36 Mbps, 99pc duty cycle) WLAN 8.45 ±9.6 10526 AAC IEEE 802.11a/h WiFi 5.6Hz (DFDM, 54 Mbps, 99pc duty cycle) WLAN 8.47 ±9.6 10526 AAC IEEE 802.11a/h WiFi 5.6Hz (DFDM, 54 Mbps, 99pc duty cycle) WLAN 8.27 ±9.6 10526 AAC IEEE 802.11ac/h WiFi 5.6Hz (DFDM, 54 Mbps, 99pc duty cycle) WLAN 8.36 ±9.6 10526 AAC IEEE 802.11ac/wiFi (20 MHz, MCS0, 99pc duty cycle) WLAN 8.42 ±9.6 10526 AAC IEEE 802.11ac/wiFi (20 MHz, MCS0, 99pc duty cycle) WLAN 8.42 ±9.6 10526 AAC IEEE 802.11ac/wiFi (20 MHz, MCS0, 99pc duty cycle) WLAN 8.43 ±9.6 10532 AAC IEEE 802.11ac/wiFi (20 MHz, MCS0, 99pc duty cycle) WLAN 8.43 ±9.6 10533 AAC IEEE 802.1						
10513 AAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.42						
10514 AAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 ±9.6 10515 AAA IEEE 802.11b WiFi 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, 5.5 Mbps, 99pc duty cycle) WLAN 1.58 ±9.6 10518 AAC IEEE 802.11a WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle) WLAN 8.23 ±9.6 10519 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.39 ±9.6 10520 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.12 ±9.6 10521 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.12 ±9.6 10522 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.45 ±9.6 10523 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.45 ±9.6 10524 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.45 ±9.6 10525 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.27 ±9.6 10526 AAC IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) WLAN 8.27 ±9.6 10526 AAC IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle) WLAN 8.36 ±9.6 10527 AAC IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle) WLAN 8.42 ±9.6 10527 AAC IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle) WLAN 8.36 ±9.6 10529 AAC IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle) WLAN 8.36 ±9.6 10533 AAC IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) WLAN 8.36 ±9.6 10533 AAC IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) WLAN 8.36 ±9.6 10533 AAC IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle) WLAN 8.45 ±9.6 10533 AAC IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle) WLAN 8.45 ±9.6 10533 AAC IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle) WLAN 8.45 ±						
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10534 AAC IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle) WLAN 8.45 ±9.6 10535 AAC IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle) WLAN 8.45 ±9.6 10536 AAC IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle) WLAN 8.32 ±9.6 10537 AAC IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle) WLAN 8.44 ±9.6 10538 AAC IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle) WLAN 8.54 ±9.6	10532	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)		8.29	±9.6
10535 AAC IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle) WLAN 8.45 ±9.6 10536 AAC IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle) WLAN 8.32 ±9.6 10537 AAC IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle) WLAN 8.44 ±9.6 10538 AAC IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle) WLAN 8.54 ±9.6	10533	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)		8.38	
10536 AAC IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle) WLAN 8.32 ±9.6 10537 AAC IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle) WLAN 8.44 ±9.6 10538 AAC IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle) WLAN 8.54 ±9.6					8.45	
10537 AAC IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle) WLAN 8.44 ±9.6 10538 AAC IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle) WLAN 8.54 ±9.6		AAC			8.45	±9.6
10538 AAC IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle) WLAN 8.54 ±9.6						
10540 AAC IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle) WLAN 8.39 ±9.6						
	10540	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.39	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10541	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10563	AAA	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN WLAN	8.77	±9.6
	AAA			8.25	±9.6
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN WLAN	8.13 8.00	±9.6 ±9.6
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6 ±9.6
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 46 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10570	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10583	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10584	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
10602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10605	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10606	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10607	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6
10608	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10609	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10611	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10613	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10617	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10619	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10620	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAC	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.6
10623	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
10626	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10628	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAC	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10637	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10638	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10639	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
10641	AAD	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.6
10642	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6
10643	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
10644	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10645	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
10653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10673 10674	AAC		WLAN	8.78	±9.6
10674		IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)		8.74	±9.6
10675	AAC		WLAN	8.90	±9.6
	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10677 10678	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.73	±9.6
				8.78	±9.6
10679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.6
10683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
	AA(:	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10685 10686	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
10743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10758	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)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
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	±9.6
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	±9.6
10767 10768	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.01 8.01	±9.6
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10772	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10773	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAD	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)	5G NR FR1 TDD	8.42	±9.6
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
10790	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.39 7.83	±9.6
10791	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.34 8.33	±9.6 ±9.6
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.30	±9.6 ±9.6
10820	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25MRz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6
10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	±9.6
					

19829 AAD SG NR (CP-OPDM, 1981, 1981, 1984), CPSK, 69 MH2 SG NR FRT TDD 7.87 4.96 1982 AAD SG NR (CP-OPDM, 1891, 1984), CPSK, 69 MH2 SG NR FRT TDD 7.77 4.96 1982 AAD SG NR (CP-OPDM, 1892, 1984), CPSK, 69 MH2 SG NR FRT TDD 7.77 4.96 1982 AAD SG NR (CP-OPDM, 1892, 1984), CPSK, 60 MH2 SG NR FRT TDD 7.77 4.96 1982 AAD SG NR (CP-OPDM, 1892, 1984), CPSK, 60 MH2 SG NR FRT TDD 7.77 4.96 1982 AAD SG NR (CP-OPDM, 1892, 1984), CPSK, 60 MH2 SG NR FRT TDD 7.77 4.96 1982 AAD SG NR (CP-OPDM, 1893, 1984), CPSK, 60 MH2 SG NR FRT TDD 7.76 4.96 1982 AAD SG NR (CP-OPDM, 1893, 1984), CPSK, 60 MH2 SG NR FRT TDD 7.76 4.96 1982 AAD SG NR (CP-OPDM, 1893, 1984), CPSK, 60 MH2 SG NR FRT TDD 7.76 4.96 1982 AAD SG NR (CP-OPDM, 1893, 1984), CPSK, 60 MH2 SG NR (CP-OPDM, 1894), CPSK, 60 MH2 SG NR (CP-OPDM, 1994), CPSK, 60 MH2 SG NR (CPSK, 60 MH2 SG NR (CPSK, 6	UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
1983 AND SIGN RICPOPEM, IRB, 15MHz, CPSK, 60 Hz) SIGN RF RF IT TOD	10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
16823 AAD SG NR (CP-OFDM, 189, 20MHz, CPSK, 60 Hz)	10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10893 AAD SO NR (CP-OFEM IR 8, 30MHz, OPSK, 60 MHz) SO NR FRI TIDD 7.70 49.6	10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
ADD S. S. N. R. (P. O-FORM, 1 R. B., O-BM-LC, O-PSK, 60 H-LV)	10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10839 AAD SO NR (CP-OFEM IR. BLOMK), OPSK, 80 Hzly SO NR FRI TIDD 7.70 \$68, \$19.00	10833	AAD		5G NR FR1 TDD	7.70	±9.6
ADD SO NR (PCP-OFEM 1 RB, 60MHz, OPSK, 60 Hz)				5G NR FR1 TDD	7.75	±9.6
10839 AAD SO NR (PC-POFM, 1 RB, 80MHz, OPSK, 80 MHz)	10835			5G NR FR1 TDD	7.70	±9.6
10890 AAD 50 NR (CP-OFDM, 1 FB, 50MHz, CPSK, 60 Hz)						±9.6
109801 AAD SO NR (CP-OFDM, T.R.) SOMHE, OPSK, 50 Met) SG NR FRITTOD 7.67 ±9.6						
10843 AAD SG NR (CP-OFDM, FIB., 100MHz, CPSK, 60 Hz)						
1984 AAD SO NR (IC)-POPM, 50% RB, 15MHz, CPSK, 50 Hz)						
10946 AAD SG NR (CP-OFDM, 50% RB, 20 MHz, OPSK, 60 NHz) 55 NN FRI TOD 8.41 4.9.6						
10956 AAD SG NR (CP-OFDM, 100% RB, 30 MHz, OPSK, 60 MHz) SG NR PRI TOD 8.34 ±9.8			, , , , , , , , , , , , , , , , , , ,			
10855 AAD GO NR (CP-OFDM, 100%, RB, 30MHz, OPSK, 60 MHz) SO NR FRI TOD 8.36 4.9 6 10855 AAD GO NR (CP-OFDM, 100%, RB, 20MHz, OPSK, 60 MHz) SO NR FRI TOD 8.37 4.9 6 10857 AAD SO NR (CP-OFDM, 100%, RB, 20MHz, OPSK, 60 MHz) SO NR FRI TOD 8.37 4.9 6 10858 AAD SO NR (CP-OFDM, 100%, RB, 20MHz, OPSK, 60 MHz) SO NR FRI TOD 8.36 4.8 6 10859 AAD SO NR (CP-OFDM, 100%, RB, 20MHz, OPSK, 60 MHz) SO NR FRI TOD 8.36 4.8 6 10859 AAD SO NR (CP-OFDM, 100%, RB, 20MHz, OPSK, 60 MHz) SO NR FRI TOD 8.34 4.9 6 10859 AAD SO NR (CP-OFDM, 100%, RB, 20MHz, OPSK, 60 MHz) SO NR FRI TOD 8.34 4.9 6 10851 AAD SO NR (CP-OFDM, 100%, RB, 30 MHz, OPSK, 60 MHz) SO NR FRI TOD 8.4 1 4.9 6 10861 AAD SO NR (CP-OFDM, 100%, RB, 30 MHz, OPSK, 60 MHz) SO NR FRI TOD 8.4 1 4.9 6 10863 AAD SO NR (CP-OFDM, 100%, RB, 30 MHz, OPSK, 60 MHz) SO NR FRI TOD 8.4 1 4.9 6 10863 AAD SO NR (CP-OFDM, 100%, RB, 30 MHz, OPSK, 60 MHz) SO NR FRI TOD 8.4 1 4.9 6 10865 AAD SO NR (CP-OFDM, 100%, RB, 30 MHz, OPSK, 60 MHz) SO NR FRI TOD 8.4 1 4.9 6 10866 AAD SO NR (CP-OFDM, 100%, RB, 30 MHz, OPSK, 60 MHz) SO NR FRI TOD 8.4 1 4.9 6 10866 AAD SO NR (CP-OFDM, 100%, RB, 30 MHz, OPSK, 60 MHz) SO NR FRI TOD 8.4 1 4.9 6 10866 AAD SO NR (CP-OFDM, 100%, RB, 30 MHz, OPSK, 30 MHz) SO NR FRI TOD 8.4 1 4.9 6 10866 AAD SO NR (CP-OFDM, 100%, RB, 30 MHz, OPSK, 30 MHz) SO NR FRI TOD 8.6 1 4.9 6 10866 AAD SO NR (CP-OFDM, 100%, RB, 100 MHz, OPSK, 30 MHz) SO NR FRI TOD 8.6 1 4.9 6 10868 AAD SO NR (CP-OFDM, 100%, RB, 100 MHz, OPSK, 30 MHz) SO NR FRI TOD 8.6 1 4.9 6 10869 AAD SO NR (CP-OFDM, 100%, RB, 100 MHz, OPSK, 120 MHz) SO NR FRI TOD 8.6 1 4.9 6 10870 AAD SO NR (CP-OFDM, 100%, RB, 100 MHz, OPSK, 120 MHz) SO NR FRI TOD 8.6 1 4.9 6 10872 AAE SO NR (CP-OFDM, 100%, RB, 100 MHz, OPSK, 120 MHz) SO NR FRI TOD 8.6 1 4.9 6 10872 AAE SO NR (CP-OFDM, 100%						
1985 AAD GG NR (CP-CPDM, 100%, RB, 15MHz, CPSK, 60 MHz) SG NR FRI TDD 8.36 ±9.8						
10856 AAD SG NR (CP-OFDM, 100% RB, 25MHz, OPSK, 60 kHz) SG NR FRI TIDD 8.35 ±9.6		_				
10850 AAD SG NR (CP-OFDM, 100%, RB, 25MHz, OPSK, 60 kHz) 5G NR FRI TDD 8.36 ±9.6						
10858 AAD SG NR (CP-OFDM, 100% RB, 30MHz, OPSK, 80 kHz) SG NR FRI TDD 8.34 ±9.6						
10850 AAD SG NR (CP-CPDM, 100% RB, 40MHz, CPSK, 60 Hz) SG NR FRI TDD 8.41 ±9.6 10861 AAD SG NR (CP-CPDM, 100% RB, 50MHz, CPSK, 60 Hz) SG NR FRI TDD 8.41 ±9.6 10863 AAD SG NR (CP-CPDM, 100% RB, 50MHz, CPSK, 60 Hz) SG NR FRI TDD 8.40 ±9.6 10863 AAD SG NR (CP-CPDM, 100% RB, 50MHz, CPSK, 60 Hz) SG NR FRI TDD 8.41 ±9.6 10863 AAD SG NR (CP-CPDM, 100% RB, 50MHz, CPSK, 60 Hz) SG NR FRI TDD 8.47 ±9.6 10866 AAD SG NR (CP-CPDM, 100% RB, 50MHz, CPSK, 60 Hz) SG NR FRI TDD S.87 ±9.6 10866 AAD SG NR (CPS-CPDM, 108, 60 MHz, CPSK, 50 Hz) SG NR FRI TDD S.88 ±9.6 10868 AAD SG NR (CPS-CPDM, 100% RB, 100 MHz, CPSK, 50 Hz) SG NR FRI TDD S.68 ±9.6 10868 AAD SG NR (CPS-CPDM, 100% RB, 100 MHz, CPSK, 50 Hz) SG NR FRI TDD S.68 ±9.6 10868 AAD SG NR (CPS-CPDM, 180 NM±z, CPSK, 50 Hz) SG NR FRI TDD S.68 ±9.6 10870 AAE SG NR (CPS-CPDM, 180 NM±z, CPSK, 50 Hz) SG NR FRI TDD S.75 ±9.6 10870 AAE SG NR (CPS-CPDM, 180 NM±z, CPSK, 120 Hz) SG NR FRI TDD S.75 ±9.6 10870 AAE SG NR (CPS-CPDM, 180 NM±z, CPSK, 120 Hz) SG NR FRI TDD S.75 ±9.6 10870 AAE SG NR (CPS-CPDM, 180 NM±z, CPSK, 120 Hz) SG NR FRI TDD S.75 ±9.6 10870 AAE SG NR (CPS-CPDM, 180 NM±z, CPSK, 120 Hz) SG NR FRI TDD S.75 ±9.6 10870 AAE SG NR (CPS-CPDM, 180 NM±z, CPSK, 120 Hz) SG NR FRI TDD S.75 ±9.6 10870 AAE SG NR (CPS-CPDM, 100% RB, 100 MHz, 160AM, 120 Hz) SG NR FRI TDD S.75 ±9.6 10870 AAE SG NR (CPS-CPDM, 100% RB, 100 MHz, 160AM, 120 Hz) SG NR FRI TDD S.75 ±9.6 10870 AAE SG NR (CPS-CPDM, 100% RB, 100 MHz, 160AM, 120 Hz) SG NR FRI TDD S.75 ±9.6 10870 AAE SG NR (CPS-CPDM, 100% RB, 100 MHz, 160AM, 120 Hz) SG NR FRI TDD S.75 ±9.6 SG NR (CPS-CPDM, 100% RB, 100 MHz, 160AM, 120 Hz) SG NR FRI TDD S.78 ±9.6 SG NR (CPS-CPDM, 100% RB, 100 MHz, 160AM, 120 Hz) SG NR FRI TDD S.78 ±9.6 SG NR (CPS-CPDM, 100% RB, 50MHz, 100 MHz, 100 MHz, 100 Mz) SG NR						
10860 AAD 50 NR (CP-OFDM, 100% RB, 50 MHz, OPSK, 60 Hz) 50 NR FRI TDD 8.41 ±9.6 ±9.6 10863 AAD 50 NR (CP-OFDM, 100% RB, 50 MHz, OPSK, 60 Hz) 50 NR FRI TDD 8.41 ±9.6 10864 AAD 50 NR (CP-OFDM, 100% RB, 50 MHz, OPSK, 60 Hz) 50 NR FRI TDD 8.41 ±9.6 10866 AAD 50 NR (CP-OFDM, 100% RB, 50 MHz, OPSK, 60 Hz) 50 NR FRI TDD 8.41 ±9.6 10866 AAD 50 NR (CP-OFDM, 100% RB, 100 MHz, OPSK, 60 Hz) 50 NR FRI TDD 5.68 ±9.6 10866 AAD 50 NR (DFT-S-OFDM, 105% RB, 100 MHz, OPSK, 50 NHz) 50 NR FRI TDD 5.68 ±9.6 10868 AAD 50 NR (DFT-S-OFDM, 107% NB, 100 MHz, OPSK, 30 NHz) 50 NR FRI TDD 5.68 ±9.6 10869 AAE 50 NR (DFT-S-OFDM, 170 NR, 100 MHz, OPSK, 120 NHz) 50 NR FRI TDD 5.69 ±9.6 10869 AAE 50 NR (DFT-S-OFDM, 170 NR, 100 MHz, OPSK, 120 NHz) 50 NR FRI TDD 5.75 ±9.6 10870 AAE 50 NR (DFT-S-OFDM, 170 NR, 100 MHz, OPSK, 120 NHz) 50 NR FRZ TDD 5.75 ±9.6 10872 AAE 50 NR (DFT-S-OFDM, 170 NR, 100 MHz, 100 MHz, 100 MHz) 50 NR FRZ TDD 5.75 ±9.8 10872 AAE 50 NR (DFT-S-OFDM, 1 RB, 100 MHz, 100 MHz, 100 MHz) 50 NR FRZ TDD 5.75 ±9.8 10872 AAE 50 NR (DFT-S-OFDM, 1 RB, 100 MHz, 100 MHz, 100 MHz) 50 NR FRZ TDD 5.75 ±9.8 10872 AAE 50 NR (DFT-S-OFDM, 1 RB, 100 MHz, 100 MHz, 100 MHz) 50 NR FRZ TDD 5.75 ±9.8 10874 AAE 50 NR (DFT-S-OFDM, 1 RB, 100 MHz, 100 MHz, 100 MHz) 50 NR FRZ TDD 6.52 ±9.6 10876 AAE 50 NR (DFT-S-OFDM, 1 RB, 100 MHz, 100 MHz, 100 MHz) 50 NR FRZ TDD 6.51 ±9.6 10876 AAE 50 NR (DFT-S-OFDM, 1 RB, 100 MHz, 100 MHz) 50 NR FRZ TDD 6.52 ±9.6 10876 AAE 50 NR (DFT-S-OFDM, 1 RB, 100 MHz, 100						
10861 AAD SO NR (CP-OFDM, 100% RB, SOMHZ, OPSK, SO Hz) SG NR FRI TDD 8.40 ± 9.6 10864 AAD SG NR (CP-OFDM, 100% RB, SOMHZ, OPSK, SO Hz) SG NR FRI TDD 8.47 ± 9.6 10866 AAD SG NR (CP-OFDM, 100% RB, SOMHZ, OPSK, SO Hz) SG NR FRI TDD 8.47 ± 9.6 10866 AAD SG NR (CP-OFDM, 100% RB, SOMHZ, OPSK, SO Hz) SG NR FRI TDD 5.89 ± 9.6 10868 AAD SG NR (CP-OFDM, 100% RB, 100MHz, OPSK, SO Hz) SG NR FRI TDD 5.89 ± 9.6 10868 AAD SG NR (DFT-S-OFDM, 18R, 100MHz, OPSK, 300 Hz) SG NR FRI TDD 5.89 ± 9.6 10868 AAD SG NR (DFT-S-OFDM, 100% RB, 100MHz, OPSK, 300 Hz) SG NR FRI TDD 5.89 ± 9.6 10870 ARE SG NR (DFT-S-OFDM, 100% RB, 100MHz, OPSK, 300 Hz) SG NR FRI TDD 5.89 ± 9.6 10870 ARE SG NR (DFT-S-OFDM, 100% RB, 100MHz, OPSK, 120 Hz) SG NR FR2 TDD 5.75 ± 9.6 10873 ARE SG NR (DFT-S-OFDM, 100% RB, 100MHz, OPSK, 120 Hz) SG NR FR2 TDD 5.75 ± 9.6 10873 AAE SG NR (DFT-S-OFDM, 100% RB, 100MHz, 160AM, 120 Hz) SG NR FR2 TDD 5.75 ± 9.6 10873 AAE SG NR (DFT-S-OFDM, 100% RB, 100MHz, 160AM, 120 Hz) SG NR FR2 TDD 5.75 ± 9.6 10873 AAE SG NR (DFT-S-OFDM, 100% RB, 100MHz, 160AM, 120 Hz) SG NR FR2 TDD 5.75 ± 9.6 10873 AAE SG NR (DFT-S-OFDM, 100% RB, 100MHz, 160AM, 120 Hz) SG NR FR2 TDD 6.61 ± 9.6 10873 AAE SG NR (DFT-S-OFDM, 18B, 100MHz, 160AM, 120 Hz) SG NR FR2 TDD 6.61 ± 9.6 10873 AAE SG NR (DFT-S-OFDM, 18B, 100MHz, 100AM, 120 Hz) SG NR FR2 TDD 6.79 ± 9.6 10873 AAE SG NR (CP-OFDM, 18B, 100MHz, 100AM, 120 Hz) SG NR FR2 TDD 7.79 ± 9.6 10873 AAE SG NR (CP-OFDM, 100% RB, 100MHz, 100AM, 120 Hz) SG NR FR2 TDD 7.79 ± 9.6 10873 AAE SG NR (CP-OFDM, 100% RB, 100MHz, 100AM, 120 Hz) SG NR FR2 TDD 7.79 ± 9.6 10873 AAE SG NR (CP-OFDM, 100% RB, 100MHz, 100AM, 120 Hz) SG NR FR2 TDD 8.70 ± 9.6 10873 AAE SG NR (CP-OFDM, 18B, 100MHz, 100AM, 120 Hz) SG NR FR2 TDD 8.70 ± 9.6 10883 AAE SG NR (CP-OFDM, 18B, 100MHz, 100AM, 120 H						
10883 AAD 50 NR (CP-OFDM, 100% RB, 80 MHz, OPSK, 60 Hz) 50 NR FRI TDD 8.41 4.9.6 10864 AAD 50 NR (CP-OFDM, 100% RB, 50 MHz, OPSK, 60 Hz) 50 NR FRI TDD 8.47 4.9.6 10865 AAD 50 NR (CP-OFDM, 100% RB, 100 MHz, OPSK, 80 NHz) 50 NR FRI TDD 5.88 4.9.6 10868 AAD 50 NR (DFT-S-OFDM, 1 1RB, 100 MHz, OPSK, 30 NHz) 50 NR FRI TDD 5.89 4.9.6 10869 AAD 50 NR (DFT-S-OFDM, 1 RB, 100 MHz, OPSK, 30 NHz) 50 NR FRI TDD 5.98 4.9.6 10869 AAE 50 NR (DFT-S-OFDM, 1 RB, 100 MHz, OPSK, 100 NHz) 50 NR FRI TDD 5.75 4.9.6 10869 AAE 50 NR (DFT-S-OFDM, 1 RB, 100 MHz, OPSK, 100 NHz) 50 NR FRZ TDD 5.75 4.9.6 10870 AAE 50 NR (DFT-S-OFDM, 1 RB, 100 MHz, OPSK, 100 NHz) 50 NR FRZ TDD 5.75 4.9.6 10873 AAE 50 NR (DFT-S-OFDM, 1 RB, 100 MHz, 160 AM, 120 NHz) 50 NR FRZ TDD 5.75 4.9.6 10873 AAE 50 NR (DFT-S-OFDM, 1 RB, 100 MHz, 160 AM, 120 NHz) 50 NR FRZ TDD 5.75 4.9.6 10873 AAE 50 NR (DFT-S-OFDM, 1 RB, 100 MHz, 160 AM, 120 NHz) 50 NR FRZ TDD 5.75 4.9.6 10873 AAE 50 NR (DFT-S-OFDM, 1 RB, 100 MHz, 160 AM, 120 NHz) 50 NR FRZ TDD 5.75 4.9.6 10876 AAE 50 NR (DFT-S-OFDM, 100% RB, 100 NHz, 640 AM, 120 NHz) 50 NR FRZ TDD 6.81 4.9.8 10874 AAE 50 NR (DFT-S-OFDM, 100% RB, 100 NHz, 640 AM, 120 NHz) 50 NR FRZ TDD 6.81 4.9.8 10876 AAE 50 NR (DFT-S-OFDM, 100% RB, 100 NHz, OFSK, 120 NHz) 50 NR FRZ TDD 6.81 4.9.8 10876 AAE 50 NR (CP-OFDM, 100% RB, 100 NHz, OFSK, 120 NHz) 50 NR FRZ TDD 7.75 4.9.6 10876 AAE 50 NR (CP-OFDM, 100% RB, 100 NHz, 160 AM, 120 NHz) 50 NR FRZ TDD 7.75 4.9.6 10878 AAE 50 NR (CP-OFDM, 100% RB, 100 NHz, 160 AM, 120 NHz) 50 NR FRZ TDD 7.75 4.9.6 10878 AAE 50 NR (CP-OFDM, 100% RB, 100 NHz, 160 AM, 120 NHz) 50 NR FRZ TDD 5.75 4.9.6 10880 AAE 50 NR (CP-OFDM, 100% RB, 100 NHz, 160 AM, 120 NHz) 50 NR FRZ TDD 5.75 4.9.6 10880 AAE 50 NR (DFT-S-OFDM, 100% RB, 100 NHz, 60 AM, 120 NHz) 50 NR FRZ TDD 5.76 4.9.6 108		_				
10864 AAD 5G NR (CP-OFDM, 100% RB, 90 MHz, OPSK, 60 kHz) 5G NR FRI TDD 8.47 49.6 10865 AAD 5G NR (CP-OFDM, 100% RB, 100 MHz, OPSK, 50 kHz) 5G NR FRI TDD 5.68 49.6 10868 AAD 5G NR (CPT-S-OFDM, 178, 100 MHz, OPSK, 30 kHz) 5G NR FRI TDD 5.69 49.6 10868 AAD 5G NR (DFT-S-OFDM, 178, 100 MHz, OPSK, 30 kHz) 5G NR FRI TDD 5.69 49.6 10869 AAE 5G NR (DFT-S-OFDM, 178, 100 MHz, OPSK, 120 kHz) 5G NR FRI TDD 5.69 49.6 10869 AAE 5G NR (DFT-S-OFDM, 178, 100 MHz, OPSK, 120 kHz) 5G NR FRI TDD 5.68 49.6 10872 AAE 5G NR (DFT-S-OFDM, 178, 100 MHz, OPSK, 120 kHz) 5G NR FRI TDD 5.68 49.6 10872 AAE 5G NR (DFT-S-OFDM, 178, 100 MHz, OPSK, 120 kHz) 5G NR FRI TDD 5.75 49.6 10873 AAE 5G NR (DFT-S-OFDM, 178, 100 MHz, 100 MHz, 120 kHz) 5G NR FRI TDD 5.75 49.6 10873 AAE 5G NR (DFT-S-OFDM, 178, 100 MHz, 160 AM, 120 kHz) 5G NR FRI TDD 6.52 49.8 10873 AAE 5G NR (DFT-S-OFDM, 178, 100 MHz, 160 AM, 120 kHz) 5G NR FRI TDD 6.65 49.6 10875 AAE 5G NR (DFT-S-OFDM, 178, 100 MHz, 160 AM, 120 kHz) 5G NR FRI TDD 6.65 49.6 10875 AAE 5G NR (DFT-S-OFDM, 178, 100 MHz, 160 AM, 120 kHz) 5G NR FRI TDD 6.65 49.6 10875 AAE 5G NR (DFT-S-OFDM, 100% RB, 100 MHz, 160 AM, 120 kHz) 5G NR FRI TDD 7.78 49.6 10875 AAE 5G NR (DFT-S-OFDM, 100% RB, 100 MHz, 160 AM, 120 kHz) 5G NR FRI TDD 7.78 49.6 10875 AAE 5G NR (DFT-S-OFDM, 100% RB, 100 MHz, 160 AM, 120 kHz) 5G NR FRI TDD 7.78 49.6 10876 AAE 5G NR (DFT-S-OFDM, 100% RB, 100 MHz, 160 AM, 120 kHz) 5G NR FRI TDD 7.79 49.6 10876 AAE 5G NR (DFT-S-OFDM, 100% RB, 100 MHz, 160 AM, 120 kHz) 5G NR FRI TDD 8.11 49.8 10880 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 160 AM, 120 kHz) 5G NR FRI TDD 8.11 49.8 10880 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 640 AM, 120 kHz) 5G NR FRI TDD 8.6 49.6 10880 AAE 5G NR (DFT-S-OFDM, 188, 100 MHz, 640 AM, 120 kHz) 5G NR FRI TDD 8.6 49.6 10880 AAE 5G NR (DFT-S						
10865 AAD SG NR (CP-OFDM, 100% RB, 100MHz, OPSK, 30 Hz) SG NR FRI TDD S.68						
10866 AAD SG NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) SG NR FR1 TDD 5.68 ±9.6 10868 AAD SG NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) SG NR FR2 TDD 5.75 ±9.6 10870 AAE SG NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) SG NR FR2 TDD 5.75 ±9.6 10870 AAE SG NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) SG NR FR2 TDD 5.75 ±9.6 10872 AAE SG NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) SG NR FR2 TDD 5.75 ±9.6 10873 AAE SG NR (DFTs-OFDM, 1 RB, 100 MHz, 400AM, 120 kHz) SG NR FR2 TDD 5.75 ±9.6 10873 AAE SG NR (DFTs-OFDM, 1 RB, 100 MHz, 400AM, 120 kHz) SG NR FR2 TDD 6.52 ±9.8 10873 AAE SG NR (DFTs-OFDM, 1 RB, 100 MHz, 500AM, 120 kHz) SG NR FR2 TDD 6.51 ±9.6 10874 AAE SG NR (DFTs-OFDM, 1 RB, 100 MHz, 500AM, 120 kHz) SG NR FR2 TDD 6.51 ±9.6 10875 AAE SG NR (DFTs-OFDM, 1 RB, 100 MHz, 400AM, 120 kHz) SG NR FR2 TDD 6.55 ±9.6 10876 AAE SG NR (DFT-OFDM, 1 RB, 100 MHz, 50CM, 120 kHz) SG NR FR2 TDD 7.78 ±9.6 10877 AAE SG NR (DFT-OFDM, 1 RB, 100 MHz, 50CM, 120 kHz) SG NR FR2 TDD 7.78 ±9.6 10878 AAE SG NR (DFT-OFDM, 100% RB, 100 MHz, 50CM, 120 kHz) SG NR FR2 TDD 8.41 ±9.6 10879 AAE SG NR (DFT-OFDM, 1 RB, 100 MHz, 50CM, 120 kHz) SG NR FR2 TDD 8.12 ±9.6 10881 AAE SG NR (DFT-OFDM, 1 RB, 100 MHz, 64CAM, 120 kHz) SG NR FR2 TDD 8.12 ±9.6 10882 AAE SG NR (DFT-SOFDM, 100% RB, 100 MHz, 64CAM, 120 kHz) SG NR FR2 TDD 8.12 ±9.6 10883 AAE SG NR (DFT-SOFDM, 1 RB, 50 MHz, 64CAM, 120 kHz) SG NR FR2 TDD 5.75 ±9.8 10884 AAE SG NR (DFT-SOFDM, 100% RB, 50 MHz, 64CAM, 120 kHz) SG NR FR2 TDD 5.75 ±9.6 10885 AAE SG NR (DFT-SOFDM, 100% RB, 50 MHz, 64CAM, 120 kHz) SG NR FR2 TDD 5.6 10886 AAE SG NR (DFT-SOFDM, 100% RB, 50 MHz, 64CAM, 120 kHz) SG NR FR2 TDD 5.6 10887 AAE SG NR (DFT-SOFDM, 100% RB, 50 MHz, 64CAM, 120 kHz) SG NR FR2 TDD 5.6 10888 AAE SG NR (DFT-SOFDM		_				
10899 AAE SG NR (DFT-s-OFDM, 108, 100 MHz, QPSK, 120 Hz) SG NR FR2 TDD 5.75 ±9.6 10871 AAE SG NR (DFT-s-OFDM, 100% RB, 100 MHz, 160AM, 120 Hz) SG NR FR2 TDD 5.75 ±9.6 10872 AAE SG NR (DFT-s-OFDM, 100% RB, 100 MHz, 160AM, 120 Hz) SG NR FR2 TDD 5.75 ±9.6 10873 AAE SG NR (DFT-s-OFDM, 18B, 100 MHz, 260AM, 120 Hz) SG NR FR2 TDD 6.51 ±9.6 10874 AAE SG NR (DFT-s-OFDM, 18B, 100 MHz, 260AM, 120 Hz) SG NR FR2 TDD 6.61 ±9.6 10875 AAE SG NR (DFT-s-OFDM, 100% RB, 100 MHz, 260AM, 120 Hz) SG NR FR2 TDD 6.65 ±9.6 10876 AAE SG NR (DFT-s-OFDM, 100% RB, 100 MHz, 260AM, 120 Hz) SG NR FR2 TDD 6.65 ±9.6 10876 AAE SG NR (DFT-s-OFDM, 18B, 100 MHz, 20 Hz) SG NR FR2 TDD 7.78 ±9.6 10877 AAE SG NR (DF-OFDM, 108, 100 MHz, 160AM, 120 Hz) SG NR FR2 TDD 8.39 ±9.6 10878 AAE SG NR (DF-OFDM, 18B, 100 MHz, 160AM, 120 Hz) SG NR FR2 TDD 8.39 ±9.6 10878 AAE SG NR (DF-OFDM, 18B, 100 MHz, 160AM, 120 Hz) SG NR FR2 TDD 7.95 ±9.6 10879 AAE SG NR (DF-OFDM, 18B, 100 MHz, 160AM, 120 Hz) SG NR FR2 TDD 7.95 ±9.6 10880 AAE SG NR (DF-OFDM, 18B, 100 MHz, 160AM, 120 Hz) SG NR FR2 TDD 8.12 ±9.6 10881 AAE SG NR (DF-OFDM, 18B, 50 MHz, 20 Hz) SG NR FR2 TDD 8.12 ±9.6 10883 AAE SG NR (DF-S-OFDM, 18B, 50 MHz, 20 Hz) SG NR FR2 TDD SG NR FR2	10866					
10870 AAE 5G NR (DFTs-OFDM, 109% RB, 100 MHz, 106AM, 120 kHz) 5G NR FR2 TDD 5.86 ±9.6 10871 AAE 5G NR (DFTs-OFDM, 1 RB, 100 MHz, 16GAM, 120 kHz) 5G NR FR2 TDD 6.52 ±9.6 10873 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 16GAM, 120 kHz) 5G NR FR2 TDD 6.52 ±9.6 10873 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 64GAM, 120 kHz) 5G NR FR2 TDD 6.66 ±9.6 10873 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 64GAM, 120 kHz) 5G NR FR2 TDD 6.66 ±9.6 10875 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 64GAM, 120 kHz) 5G NR FR2 TDD 6.67 ±9.6 10876 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 64GAM, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10876 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 64GAM, 120 kHz) 5G NR FR2 TDD 7.95 ±9.6 10878 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 64GAM, 120 kHz) 5G NR FR2 TDD 7.95 ±9.6 10879 AAE 5G NR (CP-OFDM, 18B, 100 MHz, 64GAM, 120 kHz) 5G NR FR2 TDD 7.95 ±9.6 10879 AAE 5G NR (CP-OFDM, 18B, 100 MHz, 64GAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10880 AAE 5G NR (CP-OFDM, 108% RB, 100 MHz, 64GAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10881 AAE 5G NR (CP-OFDM, 108% RB, 100 MHz, 64GAM, 120 kHz) 5G NR FR2 TDD 8.13 ±9.6 10882 AAE 5G NR (CPT-S-OFDM, 1 RB, 50 MHz, 64GAM, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10883 AAE 5G NR (CPT-S-OFDM, 100% RB, 50 MHz, 64GAM, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10883 AAE 5G NR (CPT-S-OFDM, 100% RB, 50 MHz, 16GAM, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10883 AAE 5G NR (CPT-S-OFDM, 100% RB, 50 MHz, 16GAM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10883 AAE 5G NR (CPT-S-OFDM, 100% RB, 50 MHz, 16GAM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10883 AAE 5G NR (CPT-S-OFDM, 100% RB, 50 MHz, 16GAM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10883 AAE 5G NR (CPT-S-OFDM, 100% RB, 50 MHz, 16GAM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10883 AAE 5G NR (CPT-S-OFDM, 100% RB, 50 MHz, 100 kHz) 5G NR FR2 TDD 6.65 ±9.6 10883 AAE 5G NR (CP	10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9.6
10871 AAE 5G NR (DFTs-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 5.75 49.6 10872 AAE 5G NR (DFTs-OFDM, 10% RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.61 49.6 10874 AAE 5G NR (DFTs-OFDM, 10% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.61 49.6 10874 AAE 5G NR (DFTs-OFDM, 10% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 49.6 10876 AAE 5G NR (CP-OFDM, 10% RB, 100 MHz, CPSK, 120 kHz) 5G NR FR2 TDD 7.78 49.6 10876 AAE 5G NR (CP-OFDM, 10% RB, 100 MHz, CPSK, 120 kHz) 5G NR FR2 TDD 7.78 49.6 10876 AAE 5G NR (CP-OFDM, 18B, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.39 49.8 10877 AAE 5G NR (CP-OFDM, 16% RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.41 49.6 10879 AAE 5G NR (CP-OFDM, 16% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 49.6 10879 AAE 5G NR (CP-OFDM, 10% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.12 49.6 10880 AAE 5G NR (CP-OFDM, 10% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.12 49.6 10881 AAE 5G NR (CP-OFDM, 10% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 5.75 49.6 10882 AAE 5G NR (DFTs-OFDM, 10% RB, 50 MHz, 0PSK, 120 kHz) 5G NR FR2 TDD 5.75 49.6 10882 AAE 5G NR (DFTs-OFDM, 10% RB, 50 MHz, 106AM, 120 kHz) 5G NR FR2 TDD 5.75 49.6 10885 AAE 5G NR (DFTs-OFDM, 10% RB, 50 MHz, 106AM, 120 kHz) 5G NR FR2 TDD 5.75 49.6 10885 AAE 5G NR (DFTs-OFDM, 10% RB, 50 MHz, 106AM, 120 kHz) 5G NR FR2 TDD 5.75 49.6 10885 AAE 5G NR (DFTs-OFDM, 10% RB, 50 MHz, 106AM, 120 kHz) 5G NR FR2 TDD 5.76 49.6 10885 AAE 5G NR (DFTs-OFDM, 10% RB, 50 MHz, 106AM, 120 kHz) 5G NR FR2 TDD 6.53 49.6 10885 AAE 5G NR (DFTs-OFDM, 10% RB, 50 MHz, 106AM, 120 kHz) 5G NR FR2 TDD 6.53 49.6 10885 AAE 5G NR (DFTs-OFDM, 10% RB, 50 MHz, 106AM, 120 kHz) 5G NR FR2 TDD 6.65 49.6 10885 AAE 5G NR (DFTs-OFDM, 18, 50 MHz, 20 KHz) 5G NR FR2 TDD 6.65 49.6 10885 AAE 5G NR (DFTs-OFDM, 18, 50 MHz, 20 KHz)	10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10872 AAE 5G NR (DFTs-OFDM, 10% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.52 ±9.6 10873 AAE 5G NR (DFTs-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10875 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10875 AAE 5G NR (DFO-DFDM, 1 RB, 100 MHz, QFSK, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10876 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, QFSK, 120 kHz) 5G NR FR2 TDD 8.39 ±9.6 10877 AAE 5G NR (CP-OFDM, 18B, 100 MHz, QFSK, 120 kHz) 5G NR FR2 TDD 7.95 ±9.6 10878 AAE 5G NR (CP-OFDM, 18B, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10878 AAE 5G NR (CP-OFDM, 18B, 100 MHz, 40QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10880 AAE 5G NR (CP-OFDM, 18B, 100 MHz, 40QAM, 120 kHz) 5G NR FR2 TDD 8.42 ±9.6 10881 AAE 5G NR (CP-OFDM, 18B, 50MHz, 40QAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10881 AAE 5G NR (CP-OFDM, 18B, 50MHz, 40QAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10883 AAE 5G NR (CP-SPDM, 18B, 50MHz, 40QAM, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10884 AAE 5G NR (DFT-s-OFDM, 100% RB, 50MHz, 40QAM, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10885 AAE 5G NR (DFT-s-OFDM, 100% RB, 50MHz, 40QAM, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10886 AAE 5G NR (DFT-s-OFDM, 100% RB, 50MHz, 40QAM, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10887 AAE 5G NR (DFT-s-OFDM, 100% RB, 50MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10888 AAE 5G NR (DFT-s-OFDM, 100% RB, 50MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10889 AAE 5G NR (DFT-s-OFDM, 100% RB, 50MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.58 ±9.6 10889 AAE 5G NR (DFT-s-OFDM, 100% RB, 50MHz, 60QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10889 AAE 5G NR (DFT-s-OFDM, 100% RB, 50MHz, 60QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10889 AAE 5G NR (DFT-s-OFDM, 18B, 50MHz, 60QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10889 AAE 5G N	10870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
10873 AAE 5G NR (DFTs-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10874 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.55 ±9.6 10875 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.39 ±9.6 10876 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.39 ±9.6 10877 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.39 ±9.6 10878 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10879 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10880 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10880 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.18 ±9.6 10881 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 04QAM, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10882 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 04QAM, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10883 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 5.96 ±9.6 10884 AAE 5G NR (DFTs-OFDM, 178, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.53 ±9.6 10885 AAE 5G NR (DFTs-OFDM, 178, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.53 ±9.6 10886 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10886 AAE 5G NR (DFTs-OFDM, 178, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10887 AAE 5G NR (DFTs-OFDM, 178, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10888 AAE 5G NR (DFTs-OFDM, 178, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10889 AAE 5G NR (DFTs-OFDM, 178, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10889 AAE 5G NR (DFTS-OFDM, 178, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10890 AAE 5G NR (DFTS-OFDM, 178, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10890 AAE 5G NR (DF	10871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10874 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 64OAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6	10872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
10875 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, OPSK, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10876 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, OPSK, 120 kHz) 5G NR FR2 TDD 8.39 ±9.6 10877 AAE 5G NR (CP-OFDM, 18B, 100 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10878 AAE 5G NR (CP-OFDM, 18B, 100 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10879 AAE 5G NR (CP-OFDM, 18B, 100 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 8.42 ±9.6 10880 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 8.38 ±9.6 10881 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10882 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 2 GPSK, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10882 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 5.66 ±9.6 10883 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10884 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10885 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10886 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10887 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10887 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 8.50 Mz 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 8.50 Mz 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 8.60 Mz 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 8.60 Mz 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 8.60 Mz 10890	10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10876 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.39 ±9.6 10877 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 16CAM, 120 kHz) 5G NR FR2 TDD 7.95 ±9.6 10878 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 16CAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10880 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 64CAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10880 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 64CAM, 120 kHz) 5G NR FR2 TDD 8.38 ±9.6 10881 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 64CAM, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10882 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.96 ±9.6 10883 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.96 ±9.6 10883 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16CAM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10884 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16CAM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10885 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16CAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10886 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16CAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10887 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16CAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10888 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16CAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10889 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16CAM, 120 kHz) 5G NR FR2 TDD 6.85 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16CAM, 120 kHz) 5G NR FR2 TDD 6.85 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16CAM, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16CAM, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10891 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16CAM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 100 kHz) 5G NR FR2 TDD 8.41 ±9.6 10893 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 100 kHz) 5G NR FR2 TDD 5.68 ±9.6 108	10874	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10877 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 7.95 ±9.6 10878 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10880 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10881 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.38 ±9.6 10881 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10882 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.96 ±9.6 10883 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10884 AAE 5G NR (DFTs-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10885 AAE 5G NR (DFTs-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10886 AAE 5G NR (DFTs-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.51 ±9.6 10886 AAE 5G NR (DFTs-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10887 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10888 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 6.85 ±9.6 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 10 KHz) 5G NR FR2 TDD 8.35 ±9.6 10890 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 10 KHz) 5G NR FR2 TDD 8.30 ±9.6 10891 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 10 KHz) 5G NR FR2 TDD 8.40 ±9.6 10892 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 10 KHz) 5G NR FR2 TDD 8.40 ±9.6 10893 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 10 KHz) 5G NR FR2 TDD 8.40 ±9.6 10894 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 10 KHz) 5G NR FR2 TDD 8.40 ±9.6 10895 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 10 KHz) 5G NR FR2 TDD 5G	_					
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10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6	10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6	10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6	10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6	10901	AAB			5.68	±9.6
10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6		AAB				
10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6						
10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6						
10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6						
10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6						
10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6		_				
10910 AAB 5G NR (DET-S-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) 5G NR FH1 TDD 5.83 ±9.6						
	10910	AAB	DG NH (DFT-S-OFDM, 50% HB, 20 MHz, QPSK, 30 kHz)	DG NK FR1 TDD	5.83	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.84	±9.6
10927	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6 ±9.6
10929	AAC	5G NR (DFT-s-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
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 20MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.6
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10947	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% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10950	AAC		5G NR FR1 FDD	5.94	±9.6
10951	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD 5G NR FR1 FDD	5.92 8.25	±9.6 ±9.6
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	±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, 15 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	±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±9.6
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	±9.6
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.6
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.6
10978	AAA	ULLA BDR	ULLA	1.16	±9.6
10979	AAA	ULLA HDR4	ULLA	8.58	±9.6
10980	AAA	ULLA HDR8	ULLA	10.32	±9.6
10981	AAA	ULLA HDRp4 ULLA HDRp8	ULLA	3.19	±9.6 ±9.6
10302	~~~	OLEA HIDTIPO	JELA	3.40	

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6

 $^{^{\}rm E}$ Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.