

Test Report S/N: Test Report Issue Date: 45461651 R1.0 8 March 2021

**APPENDIX E – PROBE CALIBRATION** 

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





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Swiss Calibration Service

Accreditation No.: SCS 0108

Certificate No: EX3-3600 Mar20

Accredited by the Swiss Accreditation Service (SAS)

The Swiss Accreditation Service is one of the signatories to the EA

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Client Celltech

### CALIBRATION CERTIFICATE

Object EX3DV4 - SN:3600

Calibration procedure(s) QA CAL-01.v9, QA CAL-12.v9, QA CAL-14.v5, QA CAL-23.v5,

QA CAL-25.v7

Calibration procedure for dosimetric E-field probes

Calibration date: March 25, 2020

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	03-Apr-19 (No. 217-02892/02893)	Apr-20
Power sensor NRP-Z91	SN: 103244	03-Apr-19 (No. 217-02892)	Apr-20
Power sensor NRP-Z91	SN: 103245	03-Apr-19 (No. 217-02893)	Apr-20
Reference 20 dB Attenuator	SN: S5277 (20x)	04-Apr-19 (No. 217-02894)	Apr-20
DAE4	SN: 660	27-Dec-19 (No. DAE4-660_Dec19)	Dec-20
Reference Probe ES3DV2	SN: 3013	31-Dec-19 (No. ES3-3013_Dec19)	Dec-20
Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-18)	In house check: Jun-20
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-19)	In house check: Oct-20

Name Function Signature
Calibrated by: Claudio Leubler Laboratory Technician

Approved by: Katja Pokovic Technical Manager

Issued: March 27, 2020

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 modulation dependent linearization parameters

Polarization  $\varphi$   $\varphi$  rotation around probe axis

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

i.e., 9 = 0 is normal to probe axis

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

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

 a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013

b) IEC 62209-1, ", "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016

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

d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

#### Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization 9 = 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 (no uncertainty required). DCP does not depend on frequency nor media.
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 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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### DASY/EASY - Parameters of Probe: EX3DV4 - SN:3600

#### **Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm (μV/(V/m) <sup>2</sup> ) <sup>A</sup>	0.49	0.49	0.38	± 10.1 %
DCP (mV) <sup>B</sup>	103.5	100.2	104.2	

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc <sup>E</sup> (k=2)
0	CW	Х	0.00	0.00	1.00	0.00	219.7	± 3.5 %	± 4.7 %
		Υ	0.00	0.00	1.00		199.0		
		Z	0.00	0.00	1.00		197.7		
10352-	Pulse Waveform (200Hz, 10%)	X	20.00	93.51	22.62	10.00	60.0	± 2.6 %	± 9.6 %
AAA		Υ	20.00	91.15	21.54		60.0		
		Z	20.00	92.98	22.55		60.0		
10353-	Pulse Waveform (200Hz, 20%)	X	20.00	94.96	22.19	6.99	80.0	± 1.3 %	± 9.6 %
AAA		Υ	20.00	91.24	20.19		80.0		
		Z	20.00	93.01	21.37		80.0		
10354-	Pulse Waveform (200Hz, 40%)	Х	20.00	98.14	22.27	3.98	95.0	± 1.1 %	± 9.6 %
AAA		Y	20.00	91.34	18.60		95.0		
		Z	20.00	96.35	21.55		95.0		
10355-	Pulse Waveform (200Hz, 60%)	X	20.00	103.28	23.30	2.22	120.0	± 1.1 %	± 9.6 %
AAA		Υ	20.00	89.34	16.19		120.0		
		Z	20.00	100.98	22.32		120.0		
10387-	QPSK Waveform, 1 MHz	X	1.69	66.59	15.34	1.00	150.0	± 2.9 %	± 9.6 %
AAA		Y	1.49	64.97	14.00		150.0		
		Z	1.76	67.76	15.85		150.0		
10388-	QPSK Waveform, 10 MHz	X	2.26	68.45	16.05	0.00	150.0	± 1.3 %	± 9.6 %
AAA		Y	2.02	66.74	14.92		150.0		
		Z	2.37	69.56	16.58		150.0		
10396-	64-QAM Waveform, 100 kHz	X	4.05	75.43	20.84	3.01	150.0	± 0.7 %	± 9.6 %
AAA		Y	2.97	69.15	18.02		150.0		
		Z	3.51	73.05	19.77		150.0		
10399-	64-QAM Waveform, 40 MHz	Х	3.51	67.23	15.89	0.00	150.0	± 2.3 %	± 9.6 %
AAA		Y	3.38	66.53	15.43		150.0		
		Z	3.59	67.81	16.19		150.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	X	4.83	65.60	15.55	0.00	150.0	± 4.3 %	± 9.6 %
AAA		Y	4.77	65.35	15.41		150.0		
		Z	4.91	66.05	15.80		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%.

<sup>&</sup>lt;sup>A</sup> The uncertainties of Norm X,Y,Z do not affect the E<sup>2</sup>-field uncertainty inside TSL (see Page 5).

<sup>B</sup> Numerical linearization parameter: uncertainty not required.

E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

### DASY/EASY - Parameters of Probe: EX3DV4 - SN:3600

#### **Sensor Model Parameters**

	C1	C2	α	T1	T2	Т3	T4	T5	T6
	fF	fF	V <sup>-1</sup>	ms.V <sup>-2</sup>	ms.V <sup>-1</sup>	ms	V-2	V <sup>-1</sup>	
X	45.7	339.12	35.28	16.48	0.53	5.09	1.75	0.31	1.01
Υ	44.0	339.46	37.52	15.70	0.93	5.07	0.00	0.66	1.01
Z	43.7	324.16	35.18	19.30	0.73	5.08	1.32	0.36	1.01

#### **Other Probe Parameters**

Sensor Arrangement	Triangular
Connector Angle (°)	57.3
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

EX3DV4-SN:3600

#### DASY/EASY - Parameters of Probe: EX3DV4 - SN:3600

#### Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity (S/m) F	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k=2)
30	55.0	0.75	12.00	12.00	12.00	0.00	1.00	± 13.3 %
150	52.3	0.76	9.59	9.59	9.59	0.00	1.00	± 13.3 %
450	43.5	0.87	8.84	8.84	8.84	0.09	1.05	± 13.3 %
750	41.9	0.89	8.28	8.28	8.28	0.40	0.80	± 12.0 %
835	41.5	0.90	8.17	8.17	8.17	0.40	0.80	± 12.0 %
900	41.5	0.97	8.08	8.08	8.08	0.30	0.80	± 12.0 %
1640	40.2	1.31	7.42	7.42	7.42	0.30	0.85	± 12.0 %
1810	40.0	1.40	7.32	7.32	7.32	0.38	0.85	± 12.0 %
1900	40.0	1.40	7.20	7.20	7.20	0.30	0.85	± 12.0 %
2300	39.5	1.67	6.65	6.65	6.65	0.28	0.90	± 12.0 %
2450	39.2	1.80	6.45	6.45	6.45	0.30	0.90	± 12.0 %
2600	39.0	1.96	6.39	6.39	6.39	0.35	0.90	± 12.0 %
5250	35.9	4.71	4.47	4.47	4.47	0.40	1.80	± 13.1 %
5600	35.5	5.07	4.13	4.13	4.13	0.40	1.80	± 13.1 %
5750	35.4	5.22	4.12	4.12	4.12	0.40	1.80	± 13.1 %

<sup>&</sup>lt;sup>c</sup> Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. 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.

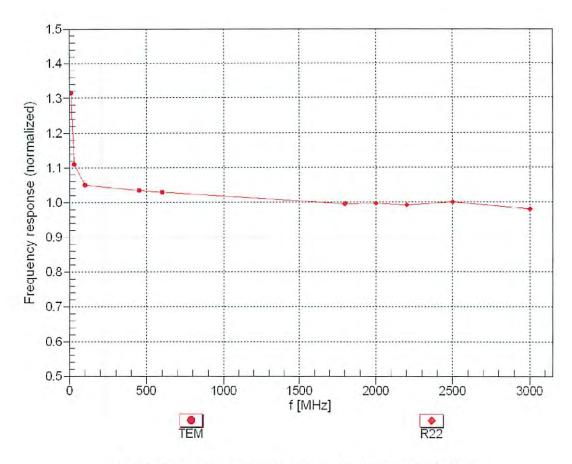
The properties below 3 GHz, the validity of tions assessed to the validity of tions as the validity o

F At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

the ConvF uncertainty for indicated target tissue parameters.

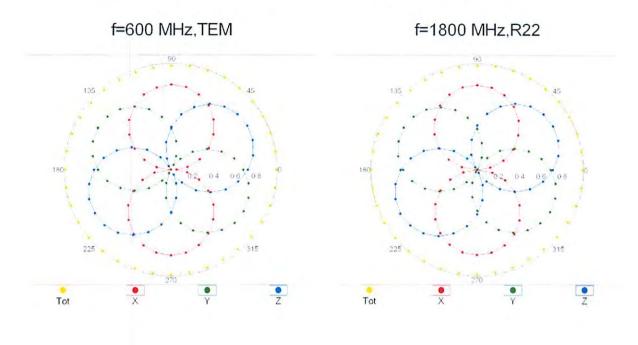
Galpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the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

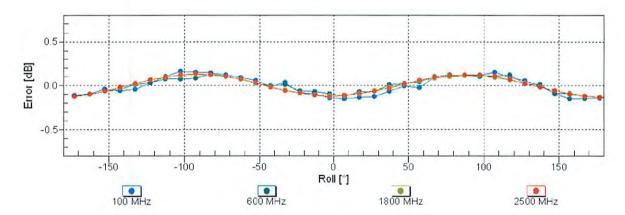
# Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)



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

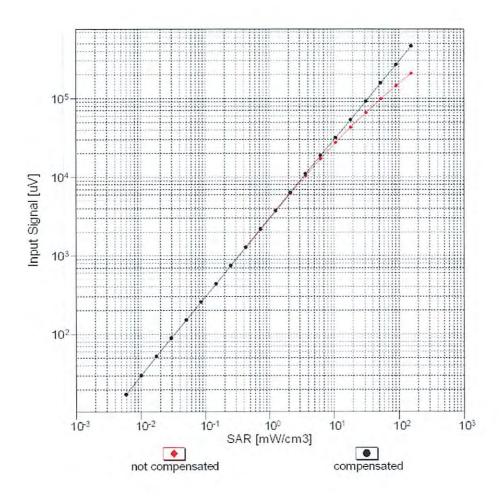
### Receiving Pattern ( $\phi$ ), $\vartheta = 0^{\circ}$

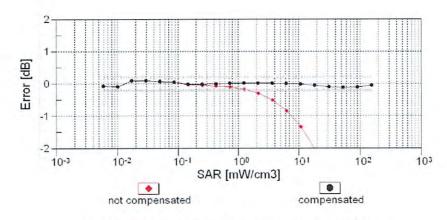




Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

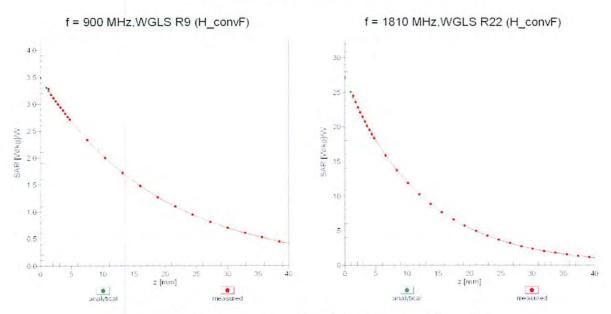
### Dynamic Range f(SAR<sub>head</sub>) (TEM cell , f<sub>eval</sub>= 1900 MHz)





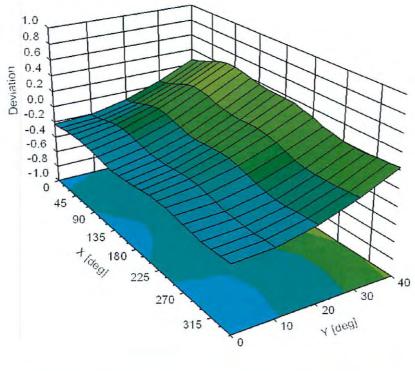
Uncertainty of Linearity Assessment: ± 0.6% (k=2)

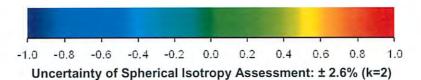
### **Conversion Factor Assessment**



## Deviation from Isotropy in Liquid

Error  $(\phi, \vartheta)$ , f = 900 MHz





#### **Appendix: Modulation Calibration Parameters**

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> (k=2)
0		CW	CW	0.00	± 4.7 %
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	± 9.6 %
10011	CAB	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)	Bluetooth	7.74	± 9.6 %
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	± 9.6 %
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	± 9.6 %
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	± 9.6 %
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6 %
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	± 9.6 %
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 %
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 %
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 10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN WLAN	2.12	± 9.6 %
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)   IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	2.83	± 9.6 %
10061	CAC	IEEE 802.11a/h WiFi 5 GHz (DS35, 11 Mbps)	WLAN	3.60 8.68	± 9.6 % ± 9.6 %
10063	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
10064	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10065	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.00	± 9.6 %
10066	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6 %
10067	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
10068	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
10069	CAC	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	CAB	UMTS-FDD (HSDPA)	WCDMA	3.98	± 9.6 %
10098	CAB	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	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	± 9.6 %
10101	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10102	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10103	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10104	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	± 9.6 %
10105	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 %
	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 %

[10100		1 = 5 = 5 (AA = 5) (AA = 5) (AA = 5)			
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAC	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAC	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 %
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10141	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10142	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD		± 9.6 %
10153	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)		9.92	± 9.6 %
		la , , , , , , , , , , , , , , , , , , ,	LTE-TDD	10.05	± 9.6 %
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175		LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10179	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10181	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10182	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10183	AAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10184	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10185	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10186	AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10187	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10188	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10189	AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10198	CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
		Time continuous, the maket of only		3.00	//

10220   CAC	4000-	10:0				
10222   CAC   IEEE 802.11n (HT Mixed, 19 Mbps, 19-SiG)	10220	CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN		
19223   CAC   IEEE 802.11n (HT Mixed, 90 Mbps, 64-CAM)		<u> </u>	, , , , , , , , , , , , , , , , , , ,			
10225   CAC   IEEE 802 11n (HT MINER, 150 Mbps, 64-CAM)			\		1	
10225   CAB			<del></del>			
1022E   CAB		1				
1022F   CAB						
10228   CAB						
10229   CAD   LTE-TOD (SC-FDMA, 1 RB, 3 MHz, 46-QAM)   LTE-TOD   10,25   29.6 %   10231   CAD   LTE-TOD (SC-FDMA, 1 RB, 3 MHz, 40-AM)   LTE-TOD   11,25   29.6 %   10231   CAD   LTE-TOD (SC-FDMA, 1 RB, 3 MHz, 40-AM)   LTE-TOD   9.19   9.6 %   10232   CAG   LTE-TOD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)   LTE-TOD   10,25   29.6 %   10233   CAG   LTE-TOD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)   LTE-TOD   10,25   29.6 %   10233   CAG   LTE-TOD (SC-FDMA, 1 RB, 5 MHz, 2 HS-QAM)   LTE-TOD   10,25   29.6 %   10235   CAG   LTE-TOD (SC-FDMA, 1 RB, 5 MHz, 2 HS-QAM)   LTE-TOD   9.48   29.6 %   10235   CAG   LTE-TOD (SC-FDMA, 1 RB, 1 MHz, 6 HS-QAM)   LTE-TOD   9.48   29.6 %   10236   CAG   LTE-TOD (SC-FDMA, 1 RB, 1 MHz, 16-CAM)   LTE-TOD   9.48   29.6 %   10236   CAG   LTE-TOD (SC-FDMA, 1 RB, 1 MHz, 1 GHS-QAM)   LTE-TOD   9.48   29.6 %   10237   CAG   LTE-TOD (SC-FDMA, 1 RB, 1 MHz, 1 GHS-QAM)   LTE-TOD   9.21   29.6 %   10238   CAF   LTE-TOD (SC-FDMA, 1 RB, 15 MHz, 1 GHS-QAM)   LTE-TOD   9.21   29.6 %   10238   CAF   LTE-TOD (SC-FDMA, 1 RB, 15 MHz, 2 GHS-QAM)   LTE-TOD   9.21   29.6 %   10242   CAB   LTE-TOD (SC-FDMA, 1 RB, 15 MHz, 3 GHS-QAM)   LTE-TOD   9.21   29.6 %   10242   CAB   LTE-TOD (SC-FDMA, 5 NR RB, 1-4 MHz, 3 GHS-QAM)   LTE-TOD   9.21   29.6 %   10242   CAB   LTE-TOD (SC-FDMA, 5 NR RB, 1-4 MHz, 3 GHS-QAM)   LTE-TOD   9.22   29.6 %   10242   CAB   LTE-TOD (SC-FDMA, 5 NR RB, 1-4 MHz, 3 GHS-QAM)   LTE-TOD   9.80   29.6 %   10244   CAD   LTE-TOD (SC-FDMA, 5 NR RB, 1-4 MHz, 3 GHS-QAM)   LTE-TOD   9.80   29.6 %   10244   CAD   LTE-TOD (SC-FDMA, 5 NR RB, 3 MHz, 4 GHS-QAM)   LTE-TOD   9.80   29.6 %   10246   CAD   LTE-TOD (SC-FDMA, 5 NR RB, 3 MHz, 4 GHS-QAM)   LTE-TOD   9.80   29.6 %   10246   CAD   LTE-TOD (SC-FDMA, 5 NR RB, 3 MHz, 4 GHS-QAM)   LTE-TOD   9.80   29.6 %   10246   CAD   LTE-TOD (SC-FDMA, 5 NR RB, 3 MHz, 4 GHS-QAM)   LTE-TOD   9.90   29.6 %   10244   CAD   LTE-TOD (SC-FDMA, 5 NR RB, 3 MHz, 4 GHS-QAM)   LTE-TOD   9.91   29.6 %   10244   CAD   LTE-TOD (SC-FDMA, 5 NR RB, 3 MHz, 4 GHS-QAM)   LTE-TOD   9.91   29.6 %   10244						
10230   CAD   LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)   LTE-TDD   10,25   ±9.6 %, 10232   CAG   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)   LTE-TDD   10,26   ±9.6 %, 10233   CAG   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)   LTE-TDD   10,25   ±9.6 %, 10233   CAG   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)   LTE-TDD   10,25   ±9.6 %, 10235   CAG   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)   LTE-TDD   9.48   ±9.6 %, 10235   CAG   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)   LTE-TDD   9.48   ±9.6 %, 10235   CAG   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-TDD   9.48   ±9.6 %, 10237   CAG   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-TDD   9.48   ±9.6 %, 10237   CAG   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-TDD   9.21   ±9.6 %, 10238   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-TDD   9.21   ±9.6 %, 10239   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-TDD   9.21   ±9.6 %, 10239   CAF   LTE-TDD (SC-FDMA, 1 RB, 16 MHz, 16-QAM)   LTE-TDD   9.21   ±9.6 %, 10239   CAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)   LTE-TDD   9.22   ±9.6 %, 10241   CAB   LTE-TDD (SC-FDMA, 50% RB, 1-4 MHz, 6-QAM)   LTE-TDD   9.82   ±9.6 %, 10241   CAB   LTE-TDD (SC-FDMA, 50% RB, 1-4 MHz, 6-QAM)   LTE-TDD   9.82   ±9.6 %, 10242   CAB   LTE-TDD (SC-FDMA, 50% RB, 1-4 MHz, 6-QAM)   LTE-TDD   9.46   ±9.6 %, 10244   CAB   LTE-TDD (SC-FDMA, 50% RB, 1-4 MHz, 6-QAM)   LTE-TDD   9.46   ±9.6 %, 10244   CAB   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   9.46   ±9.6 %, 10244   CAB   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   9.46   ±9.6 %, 10244   CAB   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   9.46   ±9.6 %, 10244   CAB   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   9.91   ±9.6 %, 10244   CAB   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   9.91   ±9.6 %, 10244   CAB   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   9.91   ±9.6 %, 10244   CAB   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   9.92   ±9.6 %, 10244   CAB   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   9.93   ±9.6 %, 10244		<del></del>				
10231   CAD   LTE-TOD (SC-FDMA, 1 RB, 3 MHz, GPSK)   LTE-TOD   9.19   ±9.6 %, 10233   CAG   LTE-TOD (SC-FDMA, 1 RB, 5 MHz, GPSK)   LTE-TOD   10.25   ±9.6 %, 10233   CAG   LTE-TOD (SC-FDMA, 1 RB, 5 MHz, GPSK)   LTE-TOD   9.21   ±9.6 %, 10234   CAG   LTE-TOD (SC-FDMA, 1 RB, 6 MHz, GPSK)   LTE-TOD   9.21   ±9.6 %, 10235   CAG   LTE-TOD (SC-FDMA, 1 RB, 10 MHz, GPSK)   LTE-TOD   9.21   ±9.6 %, 10236   CAG   LTE-TOD (SC-FDMA, 1 RB, 10 MHz, GPSK)   LTE-TOD   9.21   ±9.6 %, 10236   CAG   LTE-TOD (SC-FDMA, 1 RB, 10 MHz, GPSK)   LTE-TOD   10.25   ±9.6 %, 10238   CAG   LTE-TOD (SC-FDMA, 1 RB, 10 MHz, GPSK)   LTE-TOD   9.21   ±9.6 %, 10238   CAG   LTE-TOD (SC-FDMA, 1 RB, 10 MHz, GPSK)   LTE-TOD   9.24   ±9.6 %, 10238   CAF   LTE-TOD (SC-FDMA, 1 RB, 10 MHz, GPSK)   LTE-TOD   9.48   ±9.6 %, 10239   CAF   LTE-TOD (SC-FDMA, 1 RB, 15 MHz, GPSK)   LTE-TOD   9.48   ±9.6 %, 10239   CAF   LTE-TOD (SC-FDMA, 1 RB, 15 MHz, GPSK)   LTE-TOD   9.21   ±9.6 %, 10240   CAF   LTE-TOD (SC-FDMA, 1 RB, 15 MHz, GPSK)   LTE-TOD   9.21   ±9.6 %, 10241   CAB   LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, GPSK)   LTE-TOD   9.21   ±9.6 %, 10242   CAB   LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, GPSK)   LTE-TOD   9.86   ±9.6 %, 10244   CAD   LTE-TOD (SC-FDMA, 50% RB, 3 MHz, LOPSK)   LTE-TOD   9.86   ±9.6 %, 10244   CAD   LTE-TOD (SC-FDMA, 50% RB, 3 MHz, GPSK)   LTE-TOD   10.06   ±9.6 %, 10244   CAD   LTE-TOD (SC-FDMA, 50% RB, 3 MHz, GPSK)   LTE-TOD   10.06   ±9.6 %, 10244   CAD   LTE-TOD (SC-FDMA, 50% RB, 3 MHz, GPSK)   LTE-TOD   9.06   ±9.6 %, 10245   CAD   LTE-TOD (SC-FDMA, 50% RB, 3 MHz, GPSK)   LTE-TOD   9.01   ±9.6 %, 10246   CAD   LTE-TOD (SC-FDMA, 50% RB, 3 MHz, GPSK)   LTE-TOD   9.01   ±9.6 %, 10246   CAD   LTE-TOD (SC-FDMA, 50% RB, 5 MHz, GPSK)   LTE-TOD   9.01   ±9.6 %, 10248   CAG   LTE-TOD (SC-FDMA, 50% RB, 5 MHz, GPSK)   LTE-TOD   9.91   ±9.6 %, 10248   CAG   LTE-TOD (SC-FDMA, 50% RB, 5 MHz, GPSK)   LTE-TOD   9.91   ±9.6 %, 10248   CAG   LTE-TOD (SC-FDMA, 50% RB, 5 MHz, GPSK)   LTE-TOD   9.92   ±9.6 %, 10248   CAG   LTE-TOD (SC-FDMA, 50% RB, 15 MHz, GPSK						
10232						
10233   CAG						
10234   CAG		<del>-</del>				
19235   CAG			· · · · · · · · · · · · · · · · · · ·			_
10239   CAG						
10237   CAG				<del></del>		
10238   CAF						
10239   CAF						
10240   CAF						
10241   CAB   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)   LTE-TDD   9.86   2.9.6 %   10242   CAB   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QFSK)   LTE-TDD   9.86   2.9.6 %   10243   CAB   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QFSK)   LTE-TDD   9.86   2.9.6 %   10244   CAD   LTE-TDD (SC-FDMA, 50% RB, 3.1 MHz, GPSK)   LTE-TDD   10.06   2.9.6 %   10245   CAD   LTE-TDD (SC-FDMA, 50% RB, 3.1 MHz, GPSK)   LTE-TDD   10.06   2.9.6 %   10246   CAD   LTE-TDD (SC-FDMA, 50% RB, 3.1 MHz, GPSK)   LTE-TDD   10.06   2.9.6 %   10246   CAD   LTE-TDD (SC-FDMA, 50% RB, 3.1 MHz, GPSK)   LTE-TDD   9.30   2.9.6 %   10247   CAG   LTE-TDD (SC-FDMA, 50% RB, 5.1 MHz, GP-QAM)   LTE-TDD   9.91   2.9.6 %   10248   CAG   LTE-TDD (SC-FDMA, 50% RB, 5.1 MHz, GP-QAM)   LTE-TDD   10.09   2.9.6 %   10249   CAG   LTE-TDD (SC-FDMA, 50% RB, 5.1 MHz, GP-SK)   LTE-TDD   10.09   2.9.6 %   10249   CAG   LTE-TDD (SC-FDMA, 50% RB, 5.1 MHz, GP-SK)   LTE-TDD   9.20   2.9.6 %   10250   CAG   LTE-TDD (SC-FDMA, 50% RB, 5.1 MHz, GP-SK)   LTE-TDD   9.21   2.9.6 %   10251   CAG   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GP-CM)   LTE-TDD   9.21   2.9.6 %   10253   CAG   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GP-CM)   LTE-TDD   9.24   2.9.6 %   10253   CAG   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GP-CM)   LTE-TDD   9.24   2.9.6 %   10254   CAG   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GP-CM)   LTE-TDD   9.24   2.9.6 %   10255   CAG   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GP-CM)   LTE-TDD   9.24   2.9.6 %   10256   CAG   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GP-CM)   LTE-TDD   9.20   2.9.6 %   10256   CAG   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GP-CM)   LTE-TDD   9.20   2.9.6 %   10255   CAG   LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, GP-CMM)   LTE-TDD   9.20   2.9.6 %   10255   CAG   LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, GP-CMM)   LTE-TDD   9.90   2.9.6 %   10255   CAB   LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, GP-CMM)   LTE-TDD   9.90   2.9.6 %   10256   CAB   LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, GP-CMM)   LTE-TDD   9.90   2.9.6 %   10256   CAB   LTE-TDD (SC-FDMA, 100% RB, 10 MHz, GP-SK)   LTE-TDD   9.90   2.9.6 %   1						
10242   CAB   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, GPSK)   LTE-TDD   9.46   ±9.6 %   10244   CAD   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, GPSK)   LTE-TDD   9.46   ±9.6 %   10245   CAD   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)   LTE-TDD   10.06   ±9.6 %   10245   CAD   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   10.06   ±9.6 %   10246   CAD   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, GPSK)   LTE-TDD   9.90   ±9.6 %   10247   CAG   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   9.91   ±9.6 %   10248   CAG   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   9.91   ±9.6 %   10249   CAG   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   9.91   ±9.6 %   10249   CAG   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   9.92   ±9.6 %   10250   CAG   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   9.29   ±9.6 %   10250   CAG   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)   LTE-TDD   9.81   ±9.6 %   10251   CAG   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)   LTE-TDD   10.17   ±9.6 %   10253   CAG   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)   LTE-TDD   10.17   ±9.6 %   10253   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)   LTE-TDD   9.24   ±9.6 %   10253   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)   LTE-TDD   9.90   ±9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)   LTE-TDD   9.90   ±9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)   LTE-TDD   9.90   ±9.6 %   10256   CAB   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 64-QAM)   LTE-TDD   9.90   ±9.6 %   10256   CAB   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 64-QAM)   LTE-TDD   9.90   ±9.6 %   10256   CAB   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 64-QAM)   LTE-TDD   9.98   ±9.6 %   10256   CAB   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 64-QAM)   LTE-TDD   9.98   ±9.6 %   10256   CAB   LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)   LTE-TDD   9.98   ±9.6 %   10256   CAB   LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)   LTE-TDD   9.98   ±9.6 %   10256   CAB   LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)   LTE-TDD   9.98   ±9.6 %   10256   CAB   LTE-TDD (SC-FDM						
102243   CAB   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)						
10244   CAD   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)   LTE-TDD   10.08   ± 9.6 %   10245   CAD   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)   LTE-TDD   10.06   ± 9.6 %   10247   CAG   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM)   LTE-TDD   9.30   ± 9.6 %   10247   CAG   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)   LTE-TDD   9.91   ± 9.6 %   10248   CAG   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 04-QAM)   LTE-TDD   10.00   ± 9.6 %   10249   CAG   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 04-QAM)   LTE-TDD   9.21   ± 9.6 %   10250   CAG   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 04-QAM)   LTE-TDD   9.29   ± 9.6 %   10250   CAG   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 04-QAM)   LTE-TDD   9.81   ± 9.6 %   10251   CAG   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 04-QAM)   LTE-TDD   10.171   ± 9.6 %   10252   CAG   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 04-QAM)   LTE-TDD   9.24   ± 9.6 %   10253   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 04-QAM)   LTE-TDD   9.24   ± 9.6 %   10253   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 04-QAM)   LTE-TDD   9.24   ± 9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 04-QAM)   LTE-TDD   9.20   ± 9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 04-QAM)   LTE-TDD   9.20   ± 9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 04-QAM)   LTE-TDD   9.20   ± 9.6 %   10256   CAB   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 04-QAM)   LTE-TDD   9.20   ± 9.6 %   10256   CAB   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 04-QAM)   LTE-TDD   9.20   ± 9.6 %   10258   CAB   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 04-QAM)   LTE-TDD   9.90   ± 9.6 %   10258   CAB   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 04-QAM)   LTE-TDD   9.90   ± 9.6 %   10258   CAB   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 04-QAM)   LTE-TDD   9.91   ± 9.6 %   10258   CAB   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 04-QAM)   LTE-TDD   9.92   ± 9.6 %   10256   CAG   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 04-QAM)   LTE-TDD   9.92   ± 9.6 %   10256   CAG   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 04-QAM)   LTE-TDD   9.92   ± 9.6 %   10256   CAG   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 04-QAM)   LTE-TDD   9.93   ± 9.6 %   102						
10245   CAD						
10246   CAD						
10247   CAG						
10248   CAG   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)   LTE-TDD   10.09   ±9.6 %   10249   CAG   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)   LTE-TDD   9.29   ±9.6 %   10250   CAG   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-CAM)   LTE-TDD   9.81   ±9.6 %   10251   CAG   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-CAM)   LTE-TDD   10.17   ±9.6 %   10252   CAG   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)   LTE-TDD   10.17   ±9.6 %   10252   CAG   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)   LTE-TDD   9.90   ±9.6 %   10253   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-CAM)   LTE-TDD   9.90   ±9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-CAM)   LTE-TDD   10.14   ±9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)   LTE-TDD   9.90   ±9.6 %   10255   CAB   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK)   LTE-TDD   9.20   ±9.6 %   10256   CAB   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK)   LTE-TDD   9.96   ±9.6 %   10258   CAB   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK)   LTE-TDD   10.08   ±9.6 %   10258   CAB   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK)   LTE-TDD   9.94   ±9.6 %   10258   CAB   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-CAM)   LTE-TDD   9.34   ±9.6 %   10258   CAD   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, GPSK)   LTE-TDD   9.97   ±9.6 %   10260   CAD   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-CAM)   LTE-TDD   9.98   ±9.6 %   10261   CAD   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-CAM)   LTE-TDD   9.97   ±9.6 %   10262   CAG   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-CAM)   LTE-TDD   9.24   ±9.6 %   10263   CAG   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-CAM)   LTE-TDD   9.24   ±9.6 %   10266   CAG   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-CAM)   LTE-TDD   9.24   ±9.6 %   10266   CAG   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-CAM)   LTE-TDD   9.24   ±9.6 %   10266   CAG   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-CAM)   LTE-TDD   9.24   ±9.6 %   10266   CAG   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-CAM)   LTE-TDD   10.16   ±9.6 %   10266   CAG   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-CAM)   LTE-TDD   9.92   ±9.6 %   10266   CAG   LTE-TDD (SC-FDMA, 100% RB,						
10249   CAG						
10250   CAG   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)   LTE-TDD   9.81   ±9.6 %   10251   CAG   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)   LTE-TDD   10.17   ±9.6 %   10252   CAG   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)   LTE-TDD   9.24   ±9.6 %   10253   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)   LTE-TDD   9.90   ±9.6 %   10254   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)   LTE-TDD   10.14   ±9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)   LTE-TDD   10.14   ±9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)   LTE-TDD   9.90   ±9.6 %   10256   CAB   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 16-QAM)   LTE-TDD   9.96   ±9.6 %   10257   CAB   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK)   LTE-TDD   9.96   ±9.6 %   10258   CAB   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK)   LTE-TDD   9.94   ±9.6 %   10258   CAB   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)   LTE-TDD   9.94   ±9.6 %   10259   CAD   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)   LTE-TDD   9.98   ±9.6 %   10260   CAD   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)   LTE-TDD   9.98   ±9.6 %   10260   CAD   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)   LTE-TDD   9.99   ±9.6 %   10261   CAD   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)   LTE-TDD   9.99   ±9.6 %   10261   CAD   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)   LTE-TDD   9.97   ±9.6 %   10262   CAG   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)   LTE-TDD   9.98   ±9.6 %   10263   CAG   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)   LTE-TDD   9.83   ±9.6 %   10264   CAG   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)   LTE-TDD   9.92   ±9.6 %   10265   CAG   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)   LTE-TDD   9.92   ±9.6 %   10266   CAG   LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)   LTE-TDD   9.92   ±9.6 %   10266   CAG   LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)   LTE-TDD   9.92   ±9.6 %   10266   CAG   LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)   LTE-TDD   9.93   ±9.6 %   10266   CAF   LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)   LTE-TDD   10.06   ±9.6 %   10266   CAF   LTE-TDD (						
10251   CAG				<del></del>		
10252   CAG					9.81	
10253						
10254   CAF						
10255   CAF						
10256   CAB						
10257   CAB						
10258   CAB						
10259   CAD						
10260   CAD						
10261   CAD		<del></del>				
10262         CAG         LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)         LTE-TDD         9.83         ± 9.6 %           10263         CAG         LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)         LTE-TDD         10.16         ± 9.6 %           10264         CAG         LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)         LTE-TDD         9.23         ± 9.6 %           10265         CAG         LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)         LTE-TDD         9.92         ± 9.6 %           10266         CAG         LTE-TDD (SC-FDMA, 100% RB, 10 MHz, G4-QAM)         LTE-TDD         10.07         ± 9.6 %           10267         CAG         LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)         LTE-TDD         9.30         ± 9.6 %           10268         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)         LTE-TDD         10.06         ± 9.6 %           10269         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)         LTE-TDD         10.13         ± 9.6 %           10270         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)         LTE-TDD         10.13         ± 9.6 %           10274         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)         WCDMA         4.87         ± 9.6 %           10275         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)						
10263         CAG         LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)         LTE-TDD         10.16         ± 9.6 %           10264         CAG         LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)         LTE-TDD         9.23         ± 9.6 %           10265         CAG         LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)         LTE-TDD         9.92         ± 9.6 %           10266         CAG         LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)         LTE-TDD         10.07         ± 9.6 %           10267         CAG         LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)         LTE-TDD         9.30         ± 9.6 %           10268         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)         LTE-TDD         10.06         ± 9.6 %           10269         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)         LTE-TDD         10.13         ± 9.6 %           10270         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)         LTE-TDD         10.13         ± 9.6 %           10274         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)         WCDMA         4.87         ± 9.6 %           10275         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)         WCDMA         3.96         ± 9.6 %           10277         CAA         PHS (QPSK, BW 884MHz, Rolloff 0.5)						
10264         CAG         LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)         LTE-TDD         9.23         ±9.6 %           10265         CAG         LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)         LTE-TDD         9.92         ±9.6 %           10266         CAG         LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)         LTE-TDD         10.07         ±9.6 %           10267         CAG         LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)         LTE-TDD         9.30         ±9.6 %           10268         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)         LTE-TDD         10.06         ±9.6 %           10269         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)         LTE-TDD         10.13         ±9.6 %           10270         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, G4-QAM)         LTE-TDD         10.13         ±9.6 %           10270         CAF         LTE-TDD (HSUPA, Subtest 5, 3GPP Rel8.10)         WCDMA         4.87         ±9.6 %           10274         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)         WCDMA         3.96         ±9.6 %           10275         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)         WCDMA         3.96         ±9.6 %           10278         CAA         PHS (QPSK)         PHS         11						
10265         CAG         LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)         LTE-TDD         9.92         ± 9.6 %           10266         CAG         LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)         LTE-TDD         10.07         ± 9.6 %           10267         CAG         LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)         LTE-TDD         9.30         ± 9.6 %           10268         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)         LTE-TDD         10.06         ± 9.6 %           10269         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)         LTE-TDD         10.13         ± 9.6 %           10270         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)         LTE-TDD         9.58         ± 9.6 %           10274         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)         WCDMA         4.87         ± 9.6 %           10275         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)         WCDMA         3.96         ± 9.6 %           10277         CAA         PHS (QPSK)         PHS         11.81         ± 9.6 %           10277         CAA         PHS (QPSK, BW 884MHz, Rolloff 0.5)         PHS         11.81         ± 9.6 %           10278         CAA         PHS (QPSK, BW 884MHz, Rolloff 0.38)         PHS         11.81 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
10266         CAG         LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)         LTE-TDD         10.07         ± 9.6 %           10267         CAG         LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)         LTE-TDD         9.30         ± 9.6 %           10268         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)         LTE-TDD         10.06         ± 9.6 %           10269         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)         LTE-TDD         10.13         ± 9.6 %           10270         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)         LTE-TDD         9.58         ± 9.6 %           10274         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)         WCDMA         4.87         ± 9.6 %           10275         CAB         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 884MHz, Rolloff 0.5)         PHS         11.81         ± 9.6 %           10279         CAA         PHS (QPSK, BW 884MHz, Rolloff 0.38)         PHS         12.18         ± 9.6 %           10290         AAB         CDMA2000, RC3, SO55, Full Rate         CDMA2000         3.46         <						
10267         CAG         LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)         LTE-TDD         9.30         ± 9.6 %           10268         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)         LTE-TDD         10.06         ± 9.6 %           10269         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)         LTE-TDD         10.13         ± 9.6 %           10270         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)         LTE-TDD         9.58         ± 9.6 %           10274         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)         WCDMA         4.87         ± 9.6 %           10275         CAB         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 884MHz, Rolloff 0.5)         PHS         11.81         ± 9.6 %           10279         CAA         PHS (QPSK, BW 884MHz, Rolloff 0.38)         PHS         12.18         ± 9.6 %           10290         AAB         CDMA2000, RC1, SO55, Full Rate         CDMA2000         3.91         ± 9.6 %           10291         AAB         CDMA2000, RC3, SO32, Full Rate         CDMA2000         3.39         ± 9.6 % </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
10268         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)         LTE-TDD         10.06         ± 9.6 %           10269         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)         LTE-TDD         10.13         ± 9.6 %           10270         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)         LTE-TDD         9.58         ± 9.6 %           10274         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)         WCDMA         4.87         ± 9.6 %           10275         CAB         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 884MHz, Rolloff 0.5)         PHS         11.81         ± 9.6 %           10279         CAA         PHS (QPSK, BW 884MHz, Rolloff 0.38)         PHS         12.18         ± 9.6 %           10290         AAB         CDMA2000, RC1, SO55, Full Rate         CDMA2000         3.91         ± 9.6 %           10291         AAB         CDMA2000, RC3, SO35, Full Rate         CDMA2000         3.39         ± 9.6 %           10292         AAB         CDMA2000, RC3, SO3, Full Rate         CDMA2000         3.50         ± 9.6 % </td <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td>		1				
10269         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)         LTE-TDD         10.13         ± 9.6 %           10270         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)         LTE-TDD         9.58         ± 9.6 %           10274         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)         WCDMA         4.87         ± 9.6 %           10275         CAB         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 884MHz, Rolloff 0.5)         PHS         11.81         ± 9.6 %           10279         CAA         PHS (QPSK, BW 884MHz, Rolloff 0.38)         PHS         12.18         ± 9.6 %           10290         AAB         CDMA2000, RC1, SO55, Full Rate         CDMA2000         3.91         ± 9.6 %           10291         AAB         CDMA2000, RC3, SO32, Full Rate         CDMA2000         3.39         ± 9.6 %           10292         AAB         CDMA2000, RC3, SO3, Full Rate         CDMA2000         3.50         ± 9.6 %           10293         AAB         CDMA2000, RC3, SO3, Full Rate         CDMA2000         3.50         ± 9.6 %						
10270         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)         LTE-TDD         9.58         ± 9.6 %           10274         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)         WCDMA         4.87         ± 9.6 %           10275         CAB         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 884MHz, Rolloff 0.5)         PHS         11.81         ± 9.6 %           10279         CAA         PHS (QPSK, BW 884MHz, 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         3.50         ± 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 %						
10274         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)         WCDMA         4.87         ± 9.6 %           10275         CAB         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 884MHz, Rolloff 0.5)         PHS         11.81         ± 9.6 %           10279         CAA         PHS (QPSK, BW 884MHz, 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         AAD         LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)         LTE-FDD         5.81         ± 9.6 %						
10275         CAB         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 884MHz, Rolloff 0.5)         PHS         11.81         ± 9.6 %           10279         CAA         PHS (QPSK, BW 884MHz, 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         AAD         LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)         LTE-FDD         5.81         ± 9.6 %           10298         AAD         LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)         LTE-FDD         5.72         ± 9.6 %						
10277         CAA         PHS (QPSK)         PHS         11.81         ± 9.6 %           10278         CAA         PHS (QPSK, BW 884MHz, Rolloff 0.5)         PHS         11.81         ± 9.6 %           10279         CAA         PHS (QPSK, BW 884MHz, 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         AAD         LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)         LTE-FDD         5.81         ± 9.6 %           10298         AAD         LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)         LTE-FDD         5.72         ± 9.6 %						
10278         CAA         PHS (QPSK, BW 884MHz, Rolloff 0.5)         PHS         11.81         ± 9.6 %           10279         CAA         PHS (QPSK, BW 884MHz, 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         AAD         LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)         LTE-FDD         5.81         ± 9.6 %           10298         AAD         LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)         LTE-FDD         5.72         ± 9.6 %						
10279       CAA       PHS (QPSK, BW 884MHz, 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       AAD       LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)       LTE-FDD       5.81       ± 9.6 %         10298       AAD       LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)       LTE-FDD       5.72       ± 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         AAD         LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)         LTE-FDD         5.81         ± 9.6 %           10298         AAD         LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)         LTE-FDD         5.72         ± 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         AAD         LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)         LTE-FDD         5.81         ± 9.6 %           10298         AAD         LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)         LTE-FDD         5.72         ± 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         AAD         LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)         LTE-FDD         5.81         ± 9.6 %           10298         AAD         LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)         LTE-FDD         5.72         ± 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         AAD         LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)         LTE-FDD         5.81         ± 9.6 %           10298         AAD         LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)         LTE-FDD         5.72         ± 9.6 %						
10295         AAB         CDMA2000, RC1, SO3, 1/8th Rate 25 fr.         CDMA2000         12.49         ± 9.6 %           10297         AAD         LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)         LTE-FDD         5.81         ± 9.6 %           10298         AAD         LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)         LTE-FDD         5.72         ± 9.6 %				<del></del>		
10297         AAD         LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)         LTE-FDD         5.81         ± 9.6 %           10298         AAD         LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)         LTE-FDD         5.72         ± 9.6 %					3.50	
10298 AAD LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5.72 ± 9.6 %		AAB				
				<del></del>		
10299   AAD   LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)   LTE-FDD   6.39   ± 9.6 %					<u> </u>	
	10299	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6 %

10300	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10301	AAA	JEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WiMAX	12.03	± 9.6 %
10302	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WiMAX	12.57	± 9.6 %
10303	AAA	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	12.52	± 9.6 %
10304	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	11.86	± 9.6 %
10305	AAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	15.24	± 9.6 %
10306	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	14.67	± 9.6 %
10307	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WiMAX	14.49	± 9.6 %
10308	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WiMAX	14.46	± 9.6 %
10309	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3)	WiMAX	14.58	± 9.6 %
10310	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3	WiMAX	14.57	± 9.6 %
10311	AAD	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 10316	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	1.71	± 9.6 %
10317	AAB		WLAN	8.36	± 9.6 %
10317	AAA	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)  Pulse Waveform (200Hz, 10%)	WLAN	8.36	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 10%)  Pulse Waveform (200Hz, 20%)	Generic	10.00	± 9.6 %
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	6.99	± 9.6 %
10354	AAA	Pulse Waveform (200Hz, 40%)  Pulse Waveform (200Hz, 60%)	Generic Generic	3.98	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	2.22 0.97	± 9.6 %
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	± 9.6 % ± 9.6 %
10388	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	AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 %
10401	AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6 %
10402	AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc)	WLAN	8.53	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6 %
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 %
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %
10410	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN	1.54	± 9.6 %
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10417	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	8.19	± 9.6 %
10422	AAB	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10423	AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10425	AAB	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %
10426	AAB	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	± 9.6 %
10427	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	± 9.6 %
10430	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10431	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6 %
10432	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10434	AAA	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	± 9.6 %
10435	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10447	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6 %
10448	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10450	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10453	AAD	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6 %
10456	AAB	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc)	WLAN	8.63	± 9.6 %
	AAA	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	± 9.6 %
10457		CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	± 9.6 %
10457 10458	AAA		ODIMAGOOG	0.0-	
10457 10458 10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6 %
10457 10458			CDMA2000 WCDMA LTE-TDD	8.25 2.39 7.82	± 9.6 % ± 9.6 % ± 9.6 %

10463	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10464	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10467	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10469	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10471	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10473	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10474	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10475	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10479	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10479	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	± 9.6 %
10480	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 10-QAM, 0L Sub)	LTE-TDD		
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	8.45	± 9.6 %
10483	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QFSK, 0L Sdb)	LTE-TDD	7.71	± 9.6 %
		The state of the s		8.39	± 9.6 %
10484	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6 %
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6 %
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	± 9.6 %
10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %
10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6 %
10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10497	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10498	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	± 9.6 %
10499	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	± 9.6 %
10500	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10501	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
10502	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6 %
10503	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
10504	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10505	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10506		LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD		± 9.6 %
10507	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.36	± 9.6 %
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10509	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10510	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
10511	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	± 9.6 %
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10518	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10519	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6 %
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	± 9.6 %
10521	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6 %
10522	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10523	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6 %
10524	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10525	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6 %
10526	AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
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10528	AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	±9.6 %
10531	AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10538	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10540	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10541	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6 %
10542	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	
10543	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN		± 9.6 %
10544	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)		8.65	± 9.6 %
			WLAN	8.47	± 9.6 %
10545	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10546	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6 %
10547	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10548	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc)	WLAN	8.37	± 9.6 %
10550	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN	8.38	± 9.6 %
10551	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.50	± 9.6 %
10552	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	± 9.6 %
10553	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	± 9.6 %
10554	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10555	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10556	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	± 9.6 %
10557	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 %
10558	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 %
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10562	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN		± 9.6 %
10570		IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	8.30	± 9.6 %
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)		1.99	± 9.6 %
W.E. 410.73	AAA	The state of the s	WLAN	1.99	± 9.6 %
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10583	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10584	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10585	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10586	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10588	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10589	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10590	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10590	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN		
E - 01 VI VI VI				8.63	± 9.6 %
10592	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10593	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
10594	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10595		IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %

10596	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 9.6 %
10597	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10598	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	±9.6 %
10599	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10600	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10601	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %
10604	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %
10605	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	±9.6%
10606	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10607	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
10608	AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
10609	AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610	AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6 %
10611	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10612	AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10613	AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10614	AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN		±9.6 %
10615	AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.59	
10616	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
				8.82	±9.6 %
10617	AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
10618	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6 %
10619	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 %
10620	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6 %
10621	AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10622	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10623	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10624	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 %
10625	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6 %
10626	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10627	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10628	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 %
10629	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10630	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6 %
10631	AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6 %
10632	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10633	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 9.6 %
10635	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	<del></del>				
	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
10646	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAE	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6 %
10653	AAE	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10655	AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAA	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6%
10659	AAA	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6 %
10660	AAA	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAA	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAA	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAA	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %
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10672	AAA	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %
10673	AAA	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAA	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAA	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	±9.6%
10676	AAA	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAA	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAA	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAA	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAA	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAA	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	±9.6 %
10682	AAA	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAA	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10684	AAA	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 %
10685	AAA	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10686	AAA	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.28	± 9.6 %
10687	AAA	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAA	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	
10689	AAA	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN		± 9.6 %
10690	AAA	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.55	± 9.6 %
10691	AAA	IEEE 802.11ax (20MHz, MCS7, 99pc dc)		8.29	± 9.6 %
			WLAN	8.25	± 9.6 %
10692	AAA	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10693	AAA	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
10694	AAA	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	± 9.6 %
10695	AAA	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %
10696	AAA	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	_± 9.6 %
10698	AAA	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAA	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10703	AAA	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAA	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	AAA	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 %
10707	AAA	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAA	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAA	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10710	AAA	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
10711	AAA	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10712	AAA	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 %
10713	AAA	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	± 9.6 %
10714	AAA	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	± 9.6 %
10715	AAA	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.6 %
10716	AAA	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 %
10717	AAA	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
10718	AAA	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	±9.6 %
10719	AAA	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 %
10720	AAA	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	± 9.6 %
10721	AAA	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	± 9.6 %
10722	AAA	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6 %
10723	AAA	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10724	AAA	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 %
10725	AAA	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10726	AAA	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	± 9.6 %
10727	AAA	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.66	± 9.6 %
10728	AAA	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %
10729	AAA	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAA	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAA	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10732	AAA	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
10732	AAA	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
10734	AAA	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.25	± 9.6 %
10735	AAA	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %
10733	1,444	ובבב טטב. ו ומא (טטואוו וב, ואוטטד, פפףט טטן	1 11 111	0.33	± <del>3.0 %</del>

10726	T A A A	IEEE 902 44ey (90MH= MCC5 00== d=)	TAME AND	0.55	
10736	AAA	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAA	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAA	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10739	AAA	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAA	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
	AAA	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAA	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAA	IEEE 802.11ax (160MHz, MCS0, 90pc dc) IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	8.94	± 9.6 %
10745	AAA		WLAN	9.16	± 9.6 %
10745	AAA	IEEE 802.11ax (160MHz, MCS2, 90pc dc)   IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAA		WLAN	9.11	± 9.6 %
10747	AAA	IEEE 802.11ax (160MHz, MCS4, 90pc dc) IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	9.04	±9.6 %
10748	AAA	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN WLAN	8.93	±9.6 %
10749	AAA	IEEE 802.11ax (160MHz, MCS6, 90pc dc)		8.90	±9.6%
10750	AAA	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN WLAN	8.79	±9.6%
10751	AAA	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6%
10752	AAA	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	±9.6%
10753	AAA	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10755	AAA	· · · · · · · · · · · · · · · · · · ·	WLAN	8.94	±9.6%
10756	AAA	IEEE 802.11ax (160MHz, MCS0, 99pc dc) IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.64 8.77	± 9.6 %
10756	AAA	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
				8.77	± 9.6 %
10758	AAA	IEEE 802.11ax (160MHz, MCS3, 99pc dc) IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAA	l	WLAN	8.58	± 9.6 %
10760	AAA	IEEE 802.11ax (160MHz, MCS5, 99pc dc) IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.49	± 9.6 %
10761 10762	AAA		WLAN	8.58	± 9.6 %
10762	AAA	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN WLAN	8.49	± 9.6 %
10763	AAA	IEEE 802.11ax (160MHz, MCS8, 99pc dc) IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.53 8.54	± 9.6 %
10765	AAA	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54 8.54	± 9.6 %
10765	AAA	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54 8.51	± 9.6 %
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.51 7.99	± 9.6 %
10768	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD		± 9.6 %
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.01 8.01	± 9.6 %
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01 8.02	± 9.6 % ± 9.6 %
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 % ± 9.6 %
10771	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 % ± 9.6 %
10772	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 % ± 9.6 %
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 % ± 9.6 %
10774	AAB	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10776	AAC	5G NR (CP-OPDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 % ± 9.6 %
10777	AAB	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 % ± 9.6 %
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.34	± 9.6 %
10779	AAB	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10779	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.31	± 9.6 %
10784	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10799	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
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10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6 %
10805	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6 %
10806	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAC	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %_
10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAC	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6 %
10827	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAC	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6 %
10840	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6 %
10843	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	±9.6%
10844	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6%
10854	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6%
10855	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6%
10857	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10860	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10861	AAC	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAC	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAC	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAC	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	
10882			5G NR FR2 TDD		± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)  5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57 6.53	± 9.6 %
10884 10885	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 100AM, 120 KHz)	5G NR FR2 TDD	6.61	± 9.6 % ± 9.6 %
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1988						
10888   AAD   56 NR (CP-OFDM, 18R, 50 MHz, GPSK, 120 MHz)   55 NR FR2 TDD   8.35   2.86 %   10889   AAD   56 NR (CP-OFDM, 18R, 50 MHz, 160AM, 120 Hz)   55 NR FR2 TDD   8.40   2.86 %   10890   AAD   56 NR (CP-OFDM, 18R, 50 MHz, 160AM, 120 Hz)   55 NR FR2 TDD   8.40   2.86 %   10891   AAD   56 NR (CP-OFDM, 18R, 50 MHz, 160AM, 120 Hz)   55 NR FR2 TDD   8.40   2.86 %   10892   AAD   56 NR (CP-OFDM, 18R, 50 MHz, 160AM, 120 Hz)   55 NR FR2 TDD   8.40   2.86 %   10892   AAD   56 NR (CP-OFDM, 18R, 50 MHz, 160AM, 120 Hz)   55 NR FR2 TDD   8.41   2.86 %   10892   AAD   56 NR (CP-OFDM, 18R, 50 MHz, 60CAM, 120 Hz)   55 NR FR2 TDD   8.41   2.86 %   10892   AAA   56 NR (DFT-4-OFDM, 18R, 50 MHz, 60CAM, 120 Hz)   55 NR FR2 TDD   8.41   2.86 %   10898   AAA   56 NR (DFT-4-OFDM, 18R, 16M Hz, 0PSK, 30 Hz)   55 NR FR1 TDD   5.67   2.96 %   10890   AAA   56 NR (DFT-4-OFDM, 18R, 16 MHz, 0PSK, 30 Hz)   55 NR FR1 TDD   5.67   2.96 %   10890   AAA   56 NR (DFT-4-OFDM, 18R, 26 MHz, 0PSK, 30 Hz)   55 NR FR1 TDD   5.68   2.96 %   10890   AAA   56 NR (DFT-4-OFDM, 18R, 26 MHz, 0PSK, 30 Hz)   55 NR FR1 TDD   5.68   2.96 %   10890   AAA   56 NR (DFT-4-OFDM, 18R, 26 MHz, 0PSK, 30 Hz)   55 NR FR1 TDD   5.68   2.96 %   10890   AAA   56 NR (DFT-4-OFDM, 18R, 26 MHz, 0PSK, 30 Hz)   56 NR FR1 TDD   5.68   2.96 %   10800   AAA   56 NR (DFT-4-OFDM, 18R, 50 MHz, 0PSK, 30 Hz)   56 NR FR1 TDD   5.68   2.96 %   10800   AAA   56 NR (DFT-4-OFDM, 18R, 50 MHz, 0PSK, 30 Hz)   56 NR FR1 TDD   5.68   2.96 %   10800   AAA   56 NR (DFT-4-OFDM, 18R, 50 MHz, 0PSK, 30 Hz)   56 NR FR1 TDD   5.68   2.96 %   10800   AAA   56 NR (DFT-4-OFDM, 18R, 50 MHz, 0PSK, 30 Hz)   56 NR FR1 TDD   5.68   2.96 %   10800   AAA   56 NR (DFT-4-OFDM, 18R, 50 MHz, 0PSK, 30 Hz)   56 NR FR1 TDD   5.68   2.96 %   10800   AAA   56 NR (DFT-4-OFDM, 18R, 50 MHz, 0PSK, 30 Hz)   56 NR FR1 TDD   5.68   2.96 %   10800   AAA   56 NR (DFT-4-OFDM, 50 % RB, 50 MHz, 0PSK, 30 Hz)   56 NR FR1 TDD   5.68   2.96 %   10800   AAA   56 NR (DFT-4-OFDM, 50 % RB, 50 MHz, 0PSK, 30 Hz)   56 NR FR1 TDD   5.83   2.96	10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10889   AAD   SO NR (CP-OFDM, 1 RB, 50 MHz, 160AM, 120 Hz)   SG NR FR2 TDD   8.02   2.56 %   10891   AAD   SG NR (CP-OFDM, 107 Ms, 50 MHz, 60AM, 120 Hz)   SG NR FR2 TDD   8.13   2.56 %   10891   AAD   SG NR (CP-OFDM, 1 RB, 50 MHz, 60AM, 120 Hz)   SG NR FR2 TDD   8.13   2.56 %   10892   AAD   SG NR (CP-OFDM, 1 RB, 50 MHz, 60AM, 120 Hz)   SG NR FR2 TDD   8.13   2.56 %   10892   AAD   SG NR (CP-OFDM, 1 RB, 50 MHz, 60AM, 120 Hz)   SG NR FR2 TDD   8.13   2.56 %   10892   AAA   SG NR (DFT-4-OFDM, 1 RB, 50 MHz, 60AM, 120 Hz)   SG NR FR2 TDD   5.66   2.0.5 %   10898   AAA   SG NR (DFT-4-OFDM, 1 RB, 50 MHz, 60AM, 120 Hz)   SG NR FR1 TDD   5.66   2.0.5 %   10898   AAA   SG NR (DFT-4-OFDM, 1 RB, 10 MHz, 60AM, 100 Hz)   SG NR FR1 TDD   5.67   2.56 %   10899   AAA   SG NR (DFT-4-OFDM, 1 RB, 25 MHz, 60AM, 100 Hz)   SG NR FR1 TDD   5.67   2.56 %   10800   AAA   SG NR (DFT-4-OFDM, 1 RB, 25 MHz, 60AM, 100 Hz)   SG NR FR1 TDD   5.68   2.56 %   10800   AAA   SG NR (DFT-4-OFDM, 1 RB, 25 MHz, 60AM, 100 Hz)   SG NR FR1 TDD   5.68   2.56 %   10800   AAA   SG NR (DFT-4-OFDM, 1 RB, 25 MHz, 60AM, 100 Hz)   SG NR FR1 TDD   5.68   2.56 %   10800   AAA   SG NR (DFT-4-OFDM, 1 RB, 25 MHz, 60AM, 100 Hz)   SG NR FR1 TDD   5.68   2.56 %   10800   AAA   SG NR (DFT-4-OFDM, 1 RB, 30 MHz, 60AM, 100 Hz)   SG NR FR1 TDD   5.68   2.56 %   10800   AAA   SG NR (DFT-4-OFDM, 1 RB, 30 MHz, 60AM, 100 Hz)   SG NR FR1 TDD   5.68   2.56 %   10800   AAA   SG NR (DFT-4-OFDM, 1 RB, 30 MHz, 60AM, 100 Hz)   SG NR FR1 TDD   5.68   2.56 %   10800   AAA   SG NR (DFT-4-OFDM, 1 RB, 30 MHz, 60AM, 100 Hz)   SG NR FR1 TDD   5.68   2.56 %   10800   AAA   SG NR (DFT-4-OFDM, 1 RB, 30 MHz, 60AM, 100 Hz)   SG NR FR1 TDD   5.68   2.56 %   10800   AAA   SG NR (DFT-4-OFDM, 100 Mz, 30 MHz, 60AM, 100 Hz)   SG NR FR1 TDD   5.68   2.56 %   10800   AAA   SG NR (DFT-4-OFDM, 50AM, 8B, 50 MHz, 60AM, 100 Hz)   SG NR FR1 TDD   5.68   2.56 %   10800   AAA   SG NR (DFT-4-OFDM, 50AM, 8B, 50 MHz, 60AM, 100 Hz)   SG NR FR1 TDD   5.68   2.56 %   10800   AAA   SG NR (DFT-4-OFDM, 50AM, 8B, 50 MHz				5G NR FR2 TDD	7.78	± 9.6 %
19890	10888	AAD		5G NR FR2 TDD	8.35	± 9.6 %
10991   AAD   SO NR (CP-OFDM, 1 RB, 50 MHz, GROAM, 120 NHz)   SG NR FR2 TDD   B, 13   2,55%	10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
19892   AAD   56 NR (CPT-9CPM, 100% RB, 50 MHz, 64CAM, 120 MHz)   56 NN FRT TDD   5.61   1.9.6 %   19898   AAA   56 NN (CPT-9-0CPM, 1 RB, 50 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.67   1.9.6 %   19898   AAA   56 NN (CPT-9-0CPM, 1 RB, 15 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.67   1.9.6 %   19899   AAA   56 NN (CPT-9-0CPM, 1 RB, 15 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.66   1.9.6 %   19899   AAA   56 NN (CPT-9-0CPM, 1 RB, 15 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.68   1.9.6 %   10901   AAA   56 NN (CPT-9-0CPM, 1 RB, 25 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.68   1.9.6 %   10901   AAA   56 NN (CPT-9-0CPM, 1 RB, 25 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.68   1.9.6 %   10902   AAA   56 NN (CPT-9-0CPM, 1 RB, 30 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.68   1.9.6 %   10903   AAA   56 NN (CPT-9-0CPM, 1 RB, 30 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.68   1.9.6 %   10904   AAA   56 NN (CPT-9-0CPM, 1 RB, 30 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.68   1.9.6 %   10905   AAA   56 NN (CPT-9-0CPM, 1 RB, 30 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.68   1.9.6 %   10905   AAA   56 NN (CPT-9-0CPM, 1 RB, 30 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.68   1.9.6 %   10907   AAA   56 NN (CPT-9-0CPM, 1 RB, 30 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.68   1.9.6 %   10909   AAA   56 NN (CPT-9-0CPM, 1 RB, 30 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.68   1.9.6 %   10909   AAA   56 NN (CPT-9-0CPM, 50 NR B, 50 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.68   1.9.6 %   10909   AAA   56 NN (CPT-9-0CPM, 50 NR B, 50 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.68   1.9.6 %   10909   AAA   56 NN (CPT-9-0CPM, 50 NR B, 30 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.68   1.9.6 %   10909   AAA   56 NN (CPT-9-0CPM, 50 NR B, 30 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.98   1.9.6 %   10909   AAA   56 NN (CPT-9-0CPM, 50 NR B, 30 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.98   1.9.6 %   10909   AAA   56 NN (CPT-9-0CPM, 50 NR B, 30 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.98   1.9.6 %   10909   AAA   56 NN (CPT-9-0CPM, 50 NR B, 30 MHz, CPSK, 30 MHz)   56 NN FRT TDD   5.98   1.9.6 %   1090	10890	AAD		5G NR FR2 TDD	8.40	± 9.6 %
19997   AAA   56 NR (DFT-s-OFEM, 1 RB, 5 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,66   ±,06 %   19998   AAA   56 NR (DFT-s-OFEM, 1 RB, 10 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,67   ±,05 %   10990   AAA   56 NR (DFT-s-OFEM, 1 RB, 15 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,67   ±,05 %   10990   AAA   56 NR (DFT-s-OFEM, 1 RB, 20 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,68   ±,05 %   10990   AAA   56 NR (DFT-s-OFEM, 1 RB, 20 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,68   ±,05 %   10990   AAA   56 NR (DFT-s-OFEM, 1 RB, 20 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,68   ±,05 %   10990   AAA   56 NR (DFT-s-OFEM, 1 RB, 40 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,68   ±,05 %   10990   AAA   56 NR (DFT-s-OFEM, 1 RB, 40 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,68   ±,05 %   10990   AAA   56 NR (DFT-s-OFEM, 1 RB, 60 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,68   ±,05 %   10990   AAA   56 NR (DFT-s-OFEM, 1 RB, 60 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,68   ±,05 %   10990   AAA   56 NR (DFT-s-OFEM, 1 RB, 60 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,68   ±,05 %   10990   AAA   56 NR (DFT-s-OFEM, 50 NR B, 50 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,68   ±,05 %   10990   AAA   56 NR (DFT-s-OFEM, 50 NR B, 50 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,68   ±,05 %   10990   AAA   56 NR (DFT-s-OFEM, 50 NR B, 50 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,68   ±,05 %   10990   AAA   56 NR (DFT-s-OFEM, 50 NR B, 50 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,68   ±,05 %   10990   AAA   56 NR (DFT-s-OFEM, 50 NR B, 50 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,68   ±,05 %   10990   AAA   56 NR (DFT-s-OFEM, 50 NR B, 50 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,83   ±,05 %   10991   AAA   56 NR (DFT-s-OFEM, 50 NR B, 50 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,93   ±,05 %   10991   AAA   56 NR (DFT-s-OFEM, 50 NR B, 50 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,83   ±,05 %   10991   AAA   56 NR (DFT-s-OFEM, 50 NR B, 50 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,84   ±,05 %   10991   AAA   56 NR (DFT-s-OFEM, 50 NR B, 50 MHz, OPSK, 30 Hz)   56 NR FR1 TDD   5,84   ±,05 %   10991   AAA   56 NR (DFT-s-OFEM, 50 NR B,	10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10988	10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10999	10897	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10999   AAA   SG NR (DFT-9-OFDM, 1 RB, 15 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.67   1.9.6 %   10901   AAA   SG NR (DFT-9-OFDM, 1 RB, 20 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.68   1.9.6 %   10902   AAA   SG NR (DFT-9-OFDM, 1 RB, 20 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.68   1.9.6 %   10903   AAA   SG NR (DFT-9-OFDM, 1 RB, 30 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.68   1.9.6 %   10903   AAA   SG NR (DFT-9-OFDM, 1 RB, 30 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.68   1.9.6 %   10904   AAA   SG NR (DFT-9-OFDM, 1 RB, 40 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.68   1.9.6 %   10905   AAA   SG NR (DFT-9-OFDM, 1 RB, 50 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.68   1.9.6 %   10905   AAA   SG NR (DFT-9-OFDM, 1 RB, 50 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.68   1.9.6 %   10905   AAA   SG NR (DFT-9-OFDM, 1 RB, 50 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.68   1.9.6 %   10907   AAA   SG NR (DFT-9-OFDM, 5 RB, 50 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.68   1.9.6 %   10907   AAA   SG NR (DFT-9-OFDM, 50 RB, 50 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.78   1.9.6 %   10909   AAA   SG NR (DFT-9-OFDM, 50 RB, 50 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.79   1.9.6 %   10909   AAA   SG NR (DFT-9-OFDM, 50 WR, RB, 15 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.79   1.9.6 %   10901   AAA   SG NR (DFT-9-OFDM, 50 WR, RB, 15 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.79   1.9.6 %   10901   AAA   SG NR (DFT-9-OFDM, 50 WR, RB, 25 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.93   1.9.6 %   10911   AAA   SG NR (DFT-9-OFDM, 50 WR, RB, 25 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.93   1.9.6 %   10912   AAA   SG NR (DFT-9-OFDM, 50 WR, RB, 25 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.84   1.9.6 %   10912   AAA   SG NR (DFT-9-OFDM, 50 WR, RB, 25 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.84   1.9.6 %   10914   AAA   SG NR (DFT-9-OFDM, 50 WR, RB, 25 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.84   1.9.6 %   10914   AAA   SG NR (DFT-9-OFDM, 50 WR, RB, 25 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5.85   1.9.6 %   10914   AAA   SG NR (DFT-9-OFDM, 50 WR, RB, 25 MHz, QPSK, 30 KHz)   SG NR FRI TDD	10898	AAA	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	10899	AAA	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10901   AAA   \$6 NR (DFT-6-OFDM, 1 RB, 30 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.88   ± 9.6 %   10903   AAA   \$6 NR (DFT-6-OFDM, 1 RB, 30 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.88   ± 9.6 %   10904   AAA   \$6 NR (DFT-6-OFDM, 1 RB, 50 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.88   ± 9.6 %   10904   AAA   \$6 NR (DFT-6-OFDM, 1 RB, 50 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.88   ± 9.6 %   10905   AAA   \$6 NR (DFT-6-OFDM, 1 RB, 50 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.68   ± 9.6 %   10906   AAA   \$6 NR (DFT-6-OFDM, 1 RB, 50 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.68   ± 9.6 %   10907   AAA   \$6 NR (DFT-6-OFDM, 1 RB, 50 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.68   ± 9.6 %   10908   AAA   \$6 NR (DFT-6-OFDM, 50% RB, 5 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.68   ± 9.6 %   10909   AAA   \$6 NR (DFT-6-OFDM, 50% RB, 10 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.98   ± 9.6 %   10910   AAA   \$6 NR (DFT-6-OFDM, 50% RB, 20 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.93   ± 9.6 %   10910   AAA   \$6 NR (DFT-6-OFDM, 50% RB, 20 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.93   ± 9.6 %   10910   AAA   \$6 NR (DFT-6-OFDM, 50% RB, 20 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.93   ± 9.6 %   10912   AAA   \$6 NR (DFT-6-OFDM, 50% RB, 20 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.93   ± 9.6 %   10913   AAA   \$6 NR (DFT-6-OFDM, 50% RB, 30 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.84   ± 9.6 %   10913   AAA   \$6 NR (DFT-6-OFDM, 50% RB, 30 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.84   ± 9.6 %   10914   AAA   \$6 NR (DFT-6-OFDM, 50% RB, 50 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.84   ± 9.6 %   10914   AAA   \$6 NR (DFT-6-OFDM, 50% RB, 50 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.84   ± 9.6 %   10914   AAA   \$6 NR (DFT-6-OFDM, 50% RB, 50 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.84   ± 9.6 %   10914   AAA   \$6 NR (DFT-6-OFDM, 50% RB, 50 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.84   ± 9.6 %   10914   AAA   \$6 NR (DFT-6-OFDM, 50% RB, 50 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD   \$5.87   ± 9.6 %   10914   AAA   \$6 NR (DFT-6-OFDM, 50% RB, 100 MHz, OPSK, 30 KHz)   \$5 NR FRI TDD	10900	AAA	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	
19902   AAA   SG NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,68   ±9,6 %   1994   AAA   SG NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,68   ±9,6 %   1994   AAA   SG NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,68   ±9,6 %   1995   AAA   SG NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,68   ±9,6 %   1995   AAA   SG NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,68   ±9,6 %   1990   AAA   SG NR (DFT-s-OFDM, 50 % RB, 10 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,68   ±9,6 %   1990   AAA   SG NR (DFT-s-OFDM, 50 % RB, 10 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,88   ±9,6 %   1990   AAA   SG NR (DFT-s-OFDM, 50 % RB, 10 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,83   ±9,6 %   1990   AAA   SG NR (DFT-s-OFDM, 50 % RB, 10 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,83   ±9,6 %   1991   AAA   SG NR (DFT-s-OFDM, 50 % RB, 20 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,83   ±9,6 %   1991   AAA   SG NR (DFT-s-OFDM, 50 % RB, 20 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,83   ±9,6 %   1991   AAA   SG NR (DFT-s-OFDM, 50 % RB, 30 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,83   ±9,6 %   1991   AAA   SG NR (DFT-s-OFDM, 50 % RB, 30 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,84   ±9,6 %   1991   AAA   SG NR (DFT-s-OFDM, 50 % RB, 30 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,84   ±9,6 %   1991   AAA   SG NR (DFT-s-OFDM, 50 % RB, 30 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,84   ±9,6 %   1991   AAA   SG NR (DFT-s-OFDM, 50 % RB, 30 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,85   ±9,6 %   1991   AAA   SG NR (DFT-s-OFDM, 50 % RB, 30 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,83   ±9,6 %   1991   AAA   SG NR (DFT-s-OFDM, 50 % RB, 30 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,85   ±9,6 %   10915   AAA   SG NR (DFT-s-OFDM, 50 % RB, 30 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,85   ±9,6 %   10916   AAA   SG NR (DFT-s-OFDM, 50 % RB, 30 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,84   ±9,6 %   10916   AAA   SG NR (DFT-s-OFDM, 50 % RB, 100 MHz, QPSK, 30 KHz)   SG NR FRI TDD   5,85   ±9,6 %   10916   AAA   SG	10901	AAA	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	
19903   AAA   \$6 NR (DFT-6-OFDM, 1 RB, 50 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.68   ± 9.8 %   19905   AAA   \$6 NR (DFT-6-OFDM, 1 RB, 50 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.68   ± 9.8 %   19905   AAA   56 NR (DFT-6-OFDM, 1 RB, 50 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.68   ± 9.8 %   19906   AAA   56 NR (DFT-6-OFDM, 1 RB, 50 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.68   ± 9.8 %   19906   AAA   56 NR (DFT-6-OFDM, 50% RB, 50 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.78   ± 9.6 %   19908   AAA   56 NR (DFT-6-OFDM, 50% RB, 10 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.78   ± 9.6 %   19909   AAA   56 NR (DFT-6-OFDM, 50% RB, 10 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.98   ± 9.6 %   19910   AAA   56 NR (DFT-6-OFDM, 50% RB, 20 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.99   ± 9.6 %   19910   AAA   56 NR (DFT-6-OFDM, 50% RB, 20 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.93   ± 9.6 %   19912   AAA   56 NR (DFT-6-OFDM, 50% RB, 20 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.93   ± 9.6 %   19912   AAA   56 NR (DFT-6-OFDM, 50% RB, 30 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.93   ± 9.6 %   19914   AAA   56 NR (DFT-6-OFDM, 50% RB, 30 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.93   ± 9.6 %   19914   AAA   56 NR (DFT-6-OFDM, 50% RB, 50 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.84   ± 9.6 %   19914   AAA   56 NR (DFT-6-OFDM, 50% RB, 50 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.85   ± 9.6 %   19914   AAA   56 NR (DFT-6-OFDM, 50% RB, 50 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.85   ± 9.6 %   19914   AAA   56 NR (DFT-6-OFDM, 50% RB, 50 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.85   ± 9.6 %   19914   AAA   56 NR (DFT-6-OFDM, 50% RB, 50 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.86   ± 9.6 %   19914   AAA   56 NR (DFT-6-OFDM, 50% RB, 50 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.86   ± 9.6 %   19914   AAA   56 NR (DFT-6-OFDM, 50% RB, 100 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.86   ± 9.6 %   19914   AAA   56 NR (DFT-6-OFDM, 50% RB, 100 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.87   ± 9.6 %   19914   AAA   56 NR (DFT-6-OFDM, 50% RB, 100 MHz, CPSK, 30 KHz)   56 NR FRI TDD   5.87   ±	10902	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		
19904   AAA   SG NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.68   9.6 %   19905   AAA   SG NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.68   9.6 %   19907   AAA   SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.68   9.6 %   19908   AAA   SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.93   9.6 %   19909   AAA   SG NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.93   9.6 %   19910   AAA   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.93   9.6 %   19910   AAA   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.93   9.6 %   19910   AAA   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.93   9.6 %   19912   AAA   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.93   9.6 %   19913   AAA   SG NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.94   9.6 %   10914   AAA   SG NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.84   9.6 %   10914   AAA   SG NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.84   9.6 %   10916   AAA   SG NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.85   9.6 %   10916   AAA   SG NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.85   9.6 %   10916   AAA   SG NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.87   9.6 %   10917   AAA   SG NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.87   9.6 %   10918   AAA   SG NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.87   9.6 %   10918   AAA   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.86   9.6 %   10918   AAA   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.86   9.6 %   10920   AAA   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.86   9.6 %   10921   AAA   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)   SG NR FR1 TDD   5.86   9.6 %   10922   AAA   SG NR (DFT-s-O	10903	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		
109905   AAA   5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,88   9.6 %   109907   AAA   5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,87   9.8 %   109907   AAA   5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,96   9.6 %   10990   AAA   5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,96   9.6 %   109910   AAA   5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,96   9.6 %   109910   AAA   5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,93   9.6 %   109912   AAA   5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,93   9.6 %   109912   AAA   5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,93   9.6 %   109912   AAA   5G NR (DFT-s-OFDM, 50% RB, 35 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,84   29.6 %   109913   AAA   5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,84   29.6 %   109914   AAA   5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,85   9.6 %   109915   AAA   5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,85   9.6 %   109916   AAA   5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,85   9.6 %   109916   AAA   5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,87   9.6 %   109910   AAA   5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,87   9.6 %   109910   AAA   5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,87   9.6 %   109920   AAA   5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,86   9.6 %   109920   AAA   5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,86   9.6 %   109920   AAA   5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,86   9.6 %   109920   AAA   5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,86   9.6 %   109921   AAA   5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5,86   9.6 %   10	10904	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		
19996   AAA   5G NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 30 KHz)   5G NR FR1 TDD   5,68   2.9 5%	10905	AAA	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		
10907   AAA   SG NR (DFT-s-OFDM, 50% RB, 5 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.78   ±9.6 %   10908   AAA   SG NR (DFT-s-OFDM, 50% RB, 15 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.93   ±9.6 %   10910   AAA   SG NR (DFT-s-OFDM, 50% RB, 15 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.96   ±9.6 %   10910   AAA   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.83   ±9.6 %   10912   AAA   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.83   ±9.6 %   10912   AAA   SG NR (DFT-s-OFDM, 50% RB, 20 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.84   ±9.6 %   10912   AAA   SG NR (DFT-s-OFDM, 50% RB, 30 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.84   ±9.6 %   10913   AAA   SG NR (DFT-s-OFDM, 50% RB, 40 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.84   ±9.6 %   10914   AAA   SG NR (DFT-s-OFDM, 50% RB, 60 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.84   ±9.6 %   10915   AAA   SG NR (DFT-s-OFDM, 50% RB, 60 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.85   ±9.6 %   10916   AAA   SG NR (DFT-s-OFDM, 50% RB, 60 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.83   ±9.6 %   10917   AAA   SG NR (DFT-s-OFDM, 50% RB, 60 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.83   ±9.6 %   10917   AAA   SG NR (DFT-s-OFDM, 50% RB, 60 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.84   ±9.6 %   10918   AAA   SG NR (DFT-s-OFDM, 50% RB, 100 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.84   ±9.6 %   10920   AAA   SG NR (DFT-s-OFDM, 100% RB, 15 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.86   ±9.6 %   10920   AAA   SG NR (DFT-s-OFDM, 100% RB, 15 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.86   ±9.6 %   10922   AAA   SG NR (DFT-s-OFDM, 100% RB, 15 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.86   ±9.6 %   10922   AAA   SG NR (DFT-s-OFDM, 100% RB, 15 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.86   ±9.6 %   10922   AAA   SG NR (DFT-s-OFDM, 100% RB, 25 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.86   ±9.6 %   10924   AAA   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.84   ±9.6 %   10924   AAA   SG NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 30 kHz)   SG NR FR1 TDD   5.82   ±9.6 %	10906	AAA	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)			
10908   AAA   5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.98   19.6 %   10910   AAA   5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.98   19.6 %   10911   AAA   5G NR (DFT-s-OFDM, 50% RB, 26 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.93   19.6 %   10911   AAA   5G NR (DFT-s-OFDM, 50% RB, 26 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.93   19.6 %   10913   AAA   5G NR (DFT-s-OFDM, 50% RB, 26 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.94   19.6 %   10914   AAA   5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.84   19.6 %   10914   AAA   5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.84   19.6 %   10915   AAA   5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.85   19.6 %   10916   AAA   5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.83   19.6 %   10916   AAA   5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.87   19.6 %   10918   AAA   5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.87   19.6 %   10919   AAA   5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.87   19.6 %   10919   AAA   5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.87   19.6 %   10919   AAA   5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.86   19.6 %   10920   AAA   5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.86   19.6 %   10921   AAA   5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.86   19.6 %   10922   AAA   5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.86   19.6 %   10922   AAA   5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.82   19.6 %   10923   AAA   5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.82   19.6 %   10923   AAA   5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.82   19.6 %   10924   AAA   5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)   5G NR FR1 TDD   5.84   19.6 %		<u> </u>		<del></del>		
19999   AAA   \$G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)   \$G NR FR1 TDD   \$.96						
10910	$\vdash$					
10911 AAA 5G NR (DFT-6-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10912 AAA 5G NR (DFT-8-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10914 AAA 5G NR (DFT-8-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.85 ± 9.6 % 10914 AAA 5G NR (DFT-8-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.85 ± 9.6 % 10914 AAA 5G NR (DFT-8-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.85 ± 9.6 % 10914 AAA 5G NR (DFT-8-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.85 ± 9.6 % 10917 AAA 5G NR (DFT-8-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 ± 9.6 % 10917 AAA 5G NR (DFT-8-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 ± 9.6 % 10918 AAA 5G NR (DFT-8-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 ± 9.6 % 10919 AAA 5G NR (DFT-8-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 ± 9.6 % 10920 AAA 5G NR (DFT-8-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 ± 9.6 % 10922 AAA 5G NR (DFT-8-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 ± 9.6 % 10922 AAA 5G NR (DFT-8-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 ± 9.6 % 10922 AAA 5G NR (DFT-8-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 ± 9.6 % 10922 AAA 5G NR (DFT-8-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10922 AAA 5G NR (DFT-8-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10922 AAA 5G NR (DFT-8-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10922 AAA 5G NR (DFT-8-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10922 AAA 5G NR (DFT-8-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10922 AAA 5G NR (DFT-8-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ± 9.6 % 10922 AAA 5G NR (DFT-8-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 ± 9.6 % 10923 AAA 5G NR (DFT-8-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 ± 9.6 % 10923 AAA 5G NR (DFT-8-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ± 9.6 % 10923 AAA 5G NR (DFT-8-OFDM, 100% NB, 50 MHz, QPSK, 1						
10912				<del></del>		
10913 AAA 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 KHz) 5G NR FRI TDD 5.84 ±9.6 % 10915 AAA 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.83 ±9.6 % 10916 AAA 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.83 ±9.6 % 10916 AAA 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.83 ±9.6 % 10917 AAA 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ±9.6 % 10918 AAA 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.86 ±9.6 % 10919 AAA 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.86 ±9.6 % 10919 AAA 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.86 ±9.6 % 10920 AAA 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.86 ±9.6 % 10921 AAA 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.87 ±9.6 % 10922 AAA 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.87 ±9.6 % 10922 AAA 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ±9.6 % 10922 AAA 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ±9.6 % 10922 AAA 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ±9.6 % 10922 AAA 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ±9.6 % 10922 AAA 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ±9.6 % 10922 AAA 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ±9.6 % 10922 AAA 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ±9.6 % 10922 AAA 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ±9.6 % 10923 AAA 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ±9.6 % 10923 AAA 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FRI TDD 5.84 ±9.6 % 10923 AAA 5G NR (DFT-s-OFDM, 1RB, 50 MHz, QPSK, 15 kHz) 5G NR FRI TDD 5.52 ±9.6 % 10933 AAA 5G NR (DFT-s-OFDM, 1RB, 50 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.52 ±9.6 % 10933 AAA 5G NR (DFT-s-OFDM, 18R, 50 MHz, QPSK, 15 kHz) 5G NR FRI FDD 5.51 ±9.6						
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10915	$\vdash$					
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10918 AAA 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 ±9.6 % 10919 AAA 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 ±9.6 % 10920 AAA 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ±9.6 % 10921 AAA 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ±9.6 % 10922 AAA 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 ±9.6 % 10923 AAA 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 ±9.6 % 10923 AAA 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ±9.6 % 10924 AAA 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ±9.6 % 10925 AAA 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 ±9.6 % 10926 AAA 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ±9.6 % 10928 AAA 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ±9.6 % 10928 AAA 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ±9.6 % 10928 AAA 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ±9.6 % 10929 AAA 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 5.52 ±9.6 % 10931 AAA 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 5.52 ±9.6 % 10932 AAA 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ±9.6 % 10931 AAA 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ±9.6 % 10933 AAA 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10933 AAA 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10933 AAA 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10933 AAA 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10933 AAA 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10933 AAA 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10934 AAA 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ±9.6 % 10934 AAA 5G N	-					
10919						
10920						
10921   AAA   5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.84   ±9.6 %   10922   AAA   5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.82   ±9.6 %   10923   AAA   5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.84   ±9.6 %   10924   AAA   5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.84   ±9.6 %   10925   AAA   5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.84   ±9.6 %   10926   AAA   5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.84   ±9.6 %   10927   AAA   5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.84   ±9.6 %   10927   AAA   5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   5.94   ±9.6 %   10929   AAA   5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)   5G NR FR1 TDD   5.52   ±9.6 %   10929   AAA   5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)   5G NR FR1 FDD   5.52   ±9.6 %   10930   AAA   5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)   5G NR FR1 FDD   5.52   ±9.6 %   10931   AAA   5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)   5G NR FR1 FDD   5.51   ±9.6 %   10932   AAA   5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)   5G NR FR1 FDD   5.51   ±9.6 %   10933   AAA   5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)   5G NR FR1 FDD   5.51   ±9.6 %   10933   AAA   5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)   5G NR FR1 FDD   5.51   ±9.6 %   10934   AAA   5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)   5G NR FR1 FDD   5.51   ±9.6 %   10935   AAA   5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)   5G NR FR1 FDD   5.51   ±9.6 %   10936   AAA   5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)   5G NR FR1 FDD   5.51   ±9.6 %   10934   AAA   5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)   5G NR FR1 FDD   5.51   ±9.6 %   10934   AAA   5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)   5G NR FR1 FDD   5.51   ±9.6 %   10934   AAA   5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)   5G NR FR1 FDD   5.82   ±9.6 %   10934   AAA   5G NR (						
10922 AAA 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 ±9.6 % 10924 AAA 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ±9.6 % 10925 AAA 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 ±9.6 % 10925 AAA 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 ±9.6 % 10926 AAA 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 ±9.6 % 10927 AAA 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 ±9.6 % 10928 AAA 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 ±9.6 % 10928 AAA 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 5.52 ±9.6 % 10929 AAA 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ±9.6 % 10930 AAA 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ±9.6 % 10931 AAA 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10932 AAA 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10933 AAA 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10933 AAA 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10933 AAA 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10933 AAA 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10933 AAA 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10933 AAA 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10934 AAA 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10934 AAA 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10934 AAA 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10934 AAA 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10934 AAA 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.82 ±9.6 % 10934 AAA 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 % 10944 AAA 5G NR (DFT-s						
10923						
10924         AAA         5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10925         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.95         ± 9.6 %           10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10927         AAA         5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10928         AAA         5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10929         AAA         5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10930         AAA         5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10931         AAA         5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10932         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10933         AAA         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6				<del></del>		
10925         AAA         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.95         ± 9.6 %           10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10927         AAA         5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.94         ± 9.6 %           10929         AAA         5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10930         AAA         5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10931         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10932         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10931         AAA         5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10932         AAA         5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10934         AAA         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 % </td <td><b>—</b></td> <td></td> <td></td> <td></td> <td></td> <td></td>	<b>—</b>					
10926         AAA         5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.84         ± 9.6 %           10927         AAA         5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.94         ± 9.6 %           10928         AAA         5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10929         AAA         5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10930         AAA         5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10931         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10932         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10933         AAA         5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10934         AAA         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10935         AAA         5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 % <td></td> <td></td> <td></td> <td></td> <td>5.84</td> <td>± 9.6 %</td>					5.84	± 9.6 %
10927		AAA		5G NR FR1 TDD	5.95	± 9.6 %
10928         AAA         5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10929         AAA         5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10930         AAA         5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10931         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10932         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10932         AAA         5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10934         AAA         5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10935         AAA         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10936         AAA         5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.90         ± 9.6 %           10937         AAA         5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.90         ± 9.6 %		AAA		5G NR FR1 TDD	5.84	± 9.6 %
10929 AAA 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 ±9.6 % 10930 AAA 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10931 AAA 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10932 AAA 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10933 AAA 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10934 AAA 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10935 AAA 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10936 AAA 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 ±9.6 % 10937 AAA 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 ±9.6 % 10938 AAA 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 ±9.6 % 10938 AAA 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 ±9.6 % 10939 AAA 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 ±9.6 % 10940 AAA 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.82 ±9.6 % 10941 AAA 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 % 10942 AAA 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 % 10944 AAA 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 % 10944 AAA 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 % 10944 AAA 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 % 10944 AAA 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 % 10944 AAA 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 % 10944 AAA 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 % 10947 AAA 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 % 10947 AAA 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 % 10947 AAA 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 % 10947 AAA 5G NR (	10927	AAA		5G NR FR1 TDD	5.94	± 9.6 %
10930         AAA         5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.52         ± 9.6 %           10931         AAA         5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10932         AAA         5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10933         AAA         5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10934         AAA         5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10935         AAA         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10936         AAA         5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.51         ± 9.6 %           10937         AAA         5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.77         ± 9.6 %           10938         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.80         ± 9.6 %           10940         AAA         5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.82         ± 9.6 % <td></td> <td>AAA</td> <td></td> <td>5G NR FR1 FDD</td> <td>5.52</td> <td>± 9.6 %</td>		AAA		5G NR FR1 FDD	5.52	± 9.6 %
10931       AAA       5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10932       AAA       5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10933       AAA       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10934       AAA       5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10935       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10936       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6 %         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.89       ± 9.6 %         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, Q	10929	AAA	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10932       AAA       5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10933       AAA       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10934       AAA       5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10935       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10936       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6 %         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6 %         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz,	10930	AAA	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)		5.52	± 9.6 %
10933       AAA       5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10934       AAA       5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10935       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10936       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6 %         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6 %         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10943       AAA       5G NR (DFT-s-OFDM, 100% RB, 50 M	10931	AAA	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934       AAA       5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10935       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ± 9.6 %         10936       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6 %         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6 %         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.89       ± 9.6 %         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10943       AAA       5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 1	10932	AAA	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935       AAA       5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.51       ±9.6 %         10936       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ±9.6 %         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ±9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ±9.6 %         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ±9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ±9.6 %         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ±9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ±9.6 %         10943       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ±9.6 %         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.81       ±9.6 %         10945       AAA       5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QP	10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936       AAA       5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6 %         10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6 %         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.89       ± 9.6 %         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10943       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.81       ± 9.6 %         10945       AAA       5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10947       AAA       5G NR (DFT-s-OFDM, 100% R	10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6 %         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.89       ± 9.6 %         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10943       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.81       ± 9.6 %         10945       AAA       5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10946       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10947       AAA       5G NR (DFT-s-OFDM, 100%	10935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10937       AAA       5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.77       ± 9.6 %         10938       AAA       5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.90       ± 9.6 %         10939       AAA       5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.82       ± 9.6 %         10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.89       ± 9.6 %         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10943       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.81       ± 9.6 %         10945       AAA       5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10946       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10947       AAA       5G NR (DFT-s-OFDM, 100%	10936	AAA	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10938         AAA         5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.90         ± 9.6 %           10939         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.82         ± 9.6 %           10940         AAA         5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.89         ± 9.6 %           10941         AAA         5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10942         AAA         5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6 %           10943         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.95         ± 9.6 %           10944         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6 %           10945         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6 %           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87		AAA	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10939         AAA         5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.82         ± 9.6 %           10940         AAA         5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.89         ± 9.6 %           10941         AAA         5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10942         AAA         5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6 %           10943         AAA         5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.95         ± 9.6 %           10944         AAA         5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.81         ± 9.6 %           10945         AAA         5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.85         ± 9.6 %           10946         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.83         ± 9.6 %           10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87		AAA	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10940       AAA       5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.89       ± 9.6 %         10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10943       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.95       ± 9.6 %         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.81       ± 9.6 %         10945       AAA       5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10946       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10947       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.87       ± 9.6 %         10948       AAA       5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.87       ± 9.6 %		AAA		5G NR FR1 FDD		± 9.6 %
10941       AAA       5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10943       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.95       ± 9.6 %         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.81       ± 9.6 %         10945       AAA       5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10946       AAA       5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10947       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.87       ± 9.6 %         10948       AAA       5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.94       ± 9.6 %	10940	AAA	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10942       AAA       5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10943       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.95       ± 9.6 %         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.81       ± 9.6 %         10945       AAA       5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10946       AAA       5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10947       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.87       ± 9.6 %         10948       AAA       5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.94       ± 9.6 %			5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)			± 9.6 %
10943       AAA       5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.95       ± 9.6 %         10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.81       ± 9.6 %         10945       AAA       5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10946       AAA       5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10947       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.87       ± 9.6 %         10948       AAA       5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.94       ± 9.6 %				5G NR FR1 FDD		
10944       AAA       5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.81       ± 9.6 %         10945       AAA       5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10946       AAA       5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10947       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.87       ± 9.6 %         10948       AAA       5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.94       ± 9.6 %		<u> </u>		<del></del>		
10945       AAA       5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.85       ± 9.6 %         10946       AAA       5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10947       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.87       ± 9.6 %         10948       AAA       5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.94       ± 9.6 %						
10946       AAA       5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.83       ± 9.6 %         10947       AAA       5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.87       ± 9.6 %         10948       AAA       5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)       5G NR FR1 FDD       5.94       ± 9.6 %				<del> </del>		
10947         AAA         5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.87         ± 9.6 %           10948         AAA         5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)         5G NR FR1 FDD         5.94         ± 9.6 %				+		
10948 AAA 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ± 9.6 %						
	10948	AAA	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.87	± 9.6 %
				<del></del>		
		<del></del>		<del></del>		± 9.6 %
						± 9.6 %
						± 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 %	10953	I AAA	30 NR DL (CF-UPDIN, 1191 3.1, 10 MITZ, 04-QAIN, 13 KTZ)	ן שט את ראו דטט	0.15	± 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	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10968	AAA	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %

<sup>&</sup>lt;sup>E</sup> Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.



Test Report S/N: Test Report Issue Date:

45461651 R1.0 8 March 2021

**APPENDIX F - DIPOLE CALIBRATION** 

### Calibration Laboratory of

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





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Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client

Celltech

Certificate No: CLA150-4007 Mar20

### **CALIBRATION CERTIFICATE**

Object

CLA150 - SN: 4007

Calibration procedure(s)

QA CAL-15.v9

Calibration Procedure for SAR Validation Sources below 700 MHz

Calibration date:

March 18, 2020

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  $(22 \pm 3)^{\circ}$ 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	03-Apr-19 (No. 217-02892/02893)	Apr-20
Power sensor NRP-Z91	SN: 103244	03-Apr-19 (No. 217-02892)	Apr-20
Power sensor NRP-Z91	SN: 103245	03-Apr-19 (No. 217-02893)	Apr-20
Reference 20 dB Attenuator	SN: 5277 (20x)	04-Apr-19 (No. 217-02894)	Apr-20
Type-N mismatch combination	SN: 5047.2 / 06327	04-Apr-19 (No. 217-02895)	Apr-20
Reference Probe EX3DV4	SN: 3877	31-Dec-19 (No. EX3-3877_Dec19)	Dec-20
DAE4	SN: 654	27-Jun-19 (No. DAE4-654_Jun19)	Jun-20
Secondary Standards	ID#	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-18)	In house check: Jun-20
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-19)	In house check: Oct-20
	Name	Function	Signature
Calibrated by:	Claudio Leubler	Laboratory Technician	Ja
Approved by:	Katja Pokovic	Technical Manager	mon

Issued: March 18, 2020

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

#### Calibration Laboratory of

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





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Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

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

N/A not applicable

Calibration is Performed According to the Following Standards:

 a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013

b) IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of

300 MHz to 6 GHz)", July 2016

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

d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

#### **Additional Documentation:**

e) DASY4/5 System Handbook

#### Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end
  of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The 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: CLA150-4007\_Mar20

Page 2 of 6

### **Measurement Conditions**

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

DASY Version	DASY5	V52.10.4
Extrapolation	Advanced Extrapolation	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Phantom	ELI4 Flat Phantom	Shell thickness: 2 ± 0.2 mm
EUT Positioning	Touch Position	The state of the s
Zoom Scan Resolution	dx, dy = 4.0  mm, dz = 1.4  mm	Graded Ratio = 1.4 (Z direction)
Frequency	150 MHz ± 1 MHz	The second of th

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	52.3	0.76 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	50.9 ± 6 %	0.76 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

### **SAR result with Head TSL**

SAR averaged over 1 cm <sup>3</sup> (1 g) of Head TSL	Condition	
SAR measured	1 W input power	3.89 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	3.87 W/kg ± 18.4 % (k=2)

SAR averaged over 10 cm <sup>3</sup> (10 g) of Head TSL	condition	
SAR measured	1 W input power	2.57 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	2.56 W/kg ± 18.0 % (k=2)

Certificate No: CLA150-4007\_Mar20 Page 3 of 6

## Appendix (Additional assessments outside the scope of SCS 0108)

### **Antenna Parameters with Head TSL**

Impedance, transformed to feed point	44.9 Ω - 5.8 jΩ
Return Loss	- 21.8 dB

#### **Additional EUT Data**

Manufactured by	
Manufactured by	CDEAG
	SPEAG

Certificate No: CLA150-4007\_Mar20 Page 4 of 6

#### DASY5 Validation Report for Head TSL

Date: 18.03.2020

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: CLA150; Type: CLA150; Serial: CLA150 - SN: 4007

Communication System: UID 0 - CW; Frequency: 150 MHz

Medium parameters used: f = 150 MHz;  $\sigma = 0.76$  S/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

#### DASY52 Configuration:

Probe: EX3DV4 - SN3877; ConvF(12.45, 12.45, 12.45) @ 150 MHz; Calibrated: 31.12.2019

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn654; Calibrated: 27.06.2019

Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1003

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

### CLA Calibration for HSL-LF Tissue/CLA150, touch configuration, Pin=1W/Zoom Scan,

dist=1.4mm (8x10x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 85.15 V/m; Power Drift = -0.04 dB

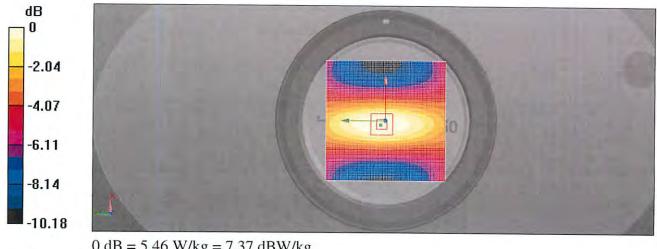
Peak SAR (extrapolated) = 7.26 W/kg

#### SAR(1 g) = 3.89 W/kg; SAR(10 g) = 2.57 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 30 mm)

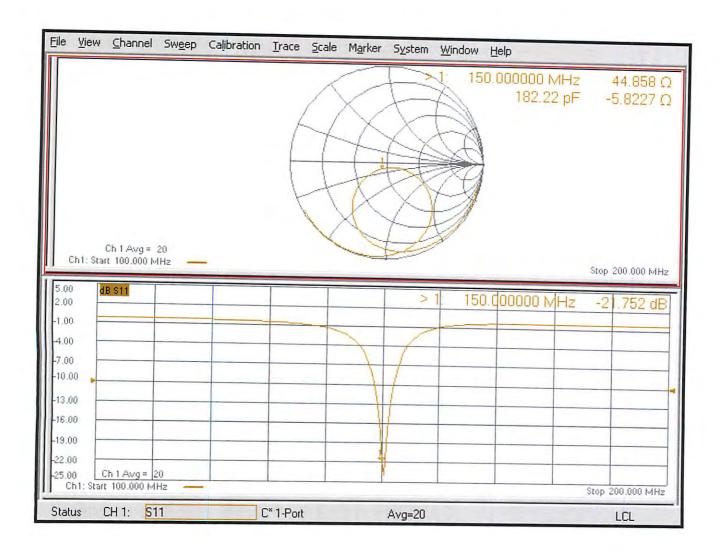
Ratio of SAR at M2 to SAR at M1 = 80.9%

Maximum value of SAR (measured) = 5.46 W/kg



0 dB = 5.46 W/kg = 7.37 dBW/kg

### Impedance Measurement Plot for Head TSL



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





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Accreditation No.: SCS 0108

Client Celltech

Certificate No: D450V3-1068\_Apr18

#### **CALIBRATION CERTIFICATE**

Object D450V3 - SN:1068

Calibration procedure(s) QA CAL-15.v8

Calibration procedure for dipole validation kits below 700 MHz

Calibration date: April 23, 2018

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-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: 5277 (20x)	04-Apr-18 (No. 217-02682)	Apr-19
Type-N mismatch combination	SN: 5047.2 / 06327	04-Apr-18 (No. 217-02683)	Apr-19
Reference Probe EX3DV4	SN: 3877	30-Dec-17 (No. EX3-3877_Dec17)	Dec-18
DAE4	SN: 654	24-Jul-17 (No. DAE4-654_Jul17)	Jul-18
Secondary Standards	ID#	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (No. 217-02285/02284)	In house check: Jun-18
Power sensor E4412A	SN: MY41498087	06-Apr-16 (No. 217-02285)	In house check: Jun-18
Power sensor E4412A	SN: 000110210	06-Apr-16 (No. 217-02284	In house check: Jun-18
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-16)	In house check: Jun-18
Network Analyzer HP 8753E	SN: US37390585	18-Oct-01 (in house check Oct-17)	In house check: Oct-18
	Name	Function	Signature
Calibrated by:	Michael Weber	Laboratory Technician	Milles
Approved by:	Katja Pokovic	Technical Manager	DUI.

Issued: April 25, 2018

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Certificate No: D450V3-1068\_Apr18

#### Calibration Laboratory of Schmid & Partner

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Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

#### Glossary:

TSL tissue simulating liquid

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

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

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

#### Additional Documentation:

e) DASY4/5 System Handbook

#### Methods Applied and Interpretation of Parameters:

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

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

#### **Measurement Conditions**

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

DASY Version	DASY5	V52.10.0	
Extrapolation	Advanced Extrapolation		
Phantom	ELI4 Flat Phantom	Shell thickness: 2 ± 0.2 mm	
Distance Dipole Center - TSL	15 mm	with Spacer	
Zoom Scan Resolution	dx, $dy$ , $dz = 5 mm$		
Frequency	450 MHz ± 1 MHz		

#### **Head TSL parameters**

The following parameters and calculations were applied

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	43.5	0.87 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	44.1 ± 6 %	0.87 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

#### **SAR result with Head TSL**

SAR averaged over 1 cm <sup>3</sup> (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	1.13 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	4.53 W/kg ± 18.1 % (k=2)

SAR averaged over 10 cm <sup>3</sup> (10 g) of Head TSL	condition	
SAR measured	250 mW input power	0.753 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	3.02 W/kg ± 17.6 % (k=2)

**Body TSL parameters**The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	56.7	0.94 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	56.2 ± 6 %	0.93 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C		

#### **SAR result with Body TSL**

SAR averaged over 1 cm <sup>3</sup> (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	1.12 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	4.51 W/kg ± 18.1 % (k=2)

condition	
250 mW input power	0.752 W/kg
normalized to 1W	3.03 W/kg ± 17.6 % (k=2)
	250 mW input power

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#### Appendix (Additional assessments outside the scope of SCS 0108)

#### **Antenna Parameters with Head TSL**

Impedance, transformed to feed point	57.8 Ω - 4.6 jΩ
Return Loss	- 21.6 dB

#### **Antenna Parameters with Body TSL**

Impedance, transformed to feed point	53.8 Ω - 8.7 jΩ
Return Loss	- 20.8 dB

#### **General Antenna Parameters and Design**

Electrical Delay (one direction)	1.347 ns
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After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

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

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

#### **Additional EUT Data**

Manufactured by	SPEAG		
Manufactured on	July 16, 2009		

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#### **DASY5 Validation Report for Head TSL**

Date: 23.04.2018

Test Laboratory: SPEAG, Zurich, Switzerland

#### DUT: Dipole 450 MHz D450V3; Type: D450V3; Serial: D450V3 - SN:1068

Communication System: UID 0 - CW; Frequency: 450 MHz

Medium parameters used: f = 450 MHz;  $\sigma = 0.87 \text{ S/m}$ ;  $\varepsilon_r = 44.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

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

#### DASY52 Configuration:

• Probe: EX3DV4 - SN3877; ConvF(10.5, 10.5, 10.5); Calibrated: 30.12.2017;

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn654; Calibrated: 24.07.2017

Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1003

• DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

### Dipole Calibration for Head Tissue/d=15mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:

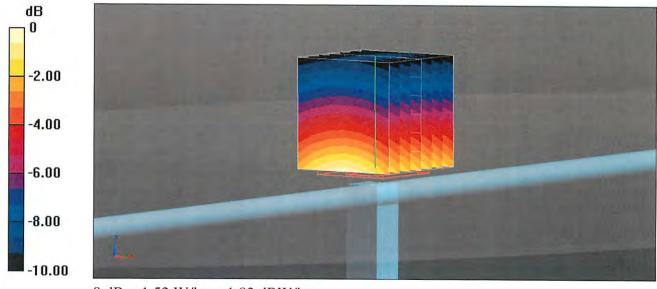
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 43.17 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.753 W/kg

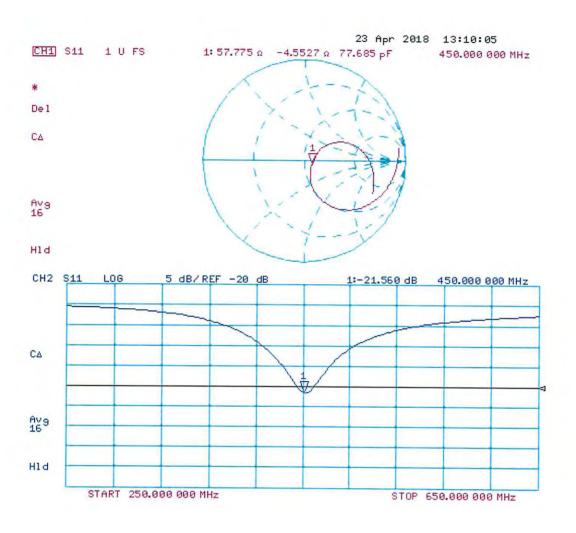
Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

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### Impedance Measurement Plot for Head TSL



#### DASY5 Validation Report for Body TSL

Date: 23.04.2018

Test Laboratory: SPEAG, Zurich, Switzerland

#### DUT: Dipole 450 MHz D450V3; Type: D450V3; Serial: D450V3 - SN:1068

Communication System: UID 0 - CW; Frequency: 450 MHz

Medium parameters used: f = 450 MHz;  $\sigma = 0.93 \text{ S/m}$ ;  $\varepsilon_r = 56.2$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

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

#### DASY52 Configuration:

• Probe: EX3DV4 - SN3877; ConvF(10.8, 10.8, 10.8); Calibrated: 30.12.2017;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn654; Calibrated: 24.07.2017

Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1003

DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

### Dipole Calibration for Body Tissue/d=15mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:

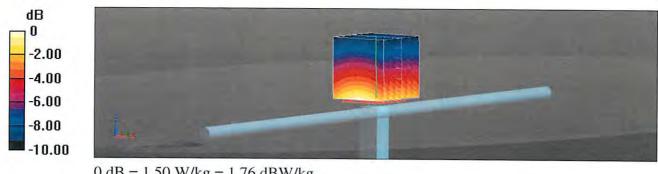
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 41.30 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.71 W/kg

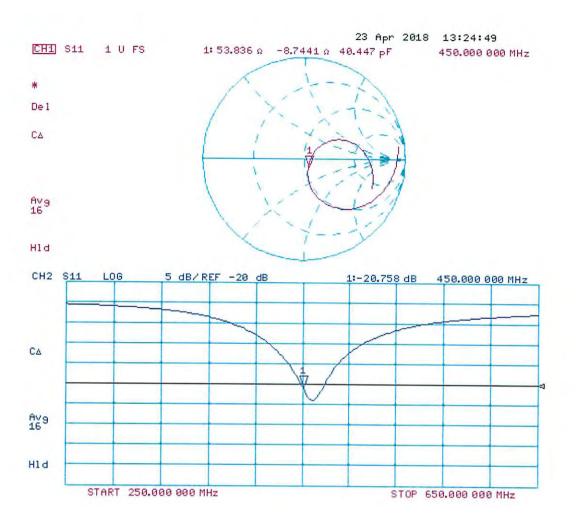
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.752 W/kg

Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg = 1.76 dBW/kg

### Impedance Measurement Plot for Body TSL





#### <u>Date:</u> April 15, 2019

Revision No.
Rev. 1.0



#### **450 MHz Dipole Extended Calibration**

Dipole: D450V3
Serial Number: 1068
Last Calibrated: Apr 23, 2018

Antenna Parameters with Head TSL								
	Impedance Real (ohms)	Deviation from cal(ohms)	Impedance Imaginary (ohms)	Deviation from cal(ohms)	Return Loss (dB)	Deviation from Cal(%)		
Last Calibration	57.775	-	-4.553	-	-21.560	-		
Extended Cal Apr 15, 2019	54.971	-2.804	-6.961	-2.408	-21.796	-1.08		

Per KDB 865664 D01 3.2.2 §2 C, D



#### **450 MHz Dipole Extended Calibration**

#### **Antenna VSWR with Head TSL**

