APPENDIX E: EQUIPMENT CALIBRATION CERTIFICATES

Calibration Laboratory of

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





S Schweizerischer Kalibrierdienst

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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS) The Swiss Accreditation Service Is one of the signatories to the EA

Multilateral Agreement for the recognition of calibration certificates

Client	PC Test

Certificate No: EUmmWV4-9523_Jan21

CALIBRATION CERTIFICATE

Object	EUmmWV4 - SN:9523
Calibration procedure(s)	QA CAL-02.v9, QA CAL-25.v7, QA CAL-42.v2 Calibration procedure for E-field probes optimized for close near field evaluations in air
Calibration date:	January 11, 2021
This calibration certificate doc The measurements and the u	uments the traceability to national standards, which realize the physical units of measurements (SI). ncertainties 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	01-Apr-20 (No. 217-03100/03101)	Apr-21
Power sensor NRP-Z91	SN: 103244	01-Apr-20 (No. 217-03100)	Apr-21
Power sensor NRP-Z91	SN: 103245	01-Apr-20 (No. 217-03101)	Арг-21
Reference 20 dB Attenuator	SN: CC2552 (20x)	31-Mar-20 (No. 217-03106)	Apr-21
Reference Probe ER3DV6	SN: 2328	05-Oct-20 (No. ER3-2328_Oct20)	Oct-21
DAE4	SN: 789	23-Dec-20 (No. DAE4-789_Dec20)	Dec-21
Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-20)	In house check: Jun-22
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-21

	Name	Function	Signature
Calibrated by:	Jeton Kastrati	Laboratory Technician	
l			
Approved by:	Katja Pokovic	Technical Manager	
			Auto
			Issued: January 13, 2021
This calibration certificat	e shall not be reproduced except in fu	l without written approval of the lab	oratory.

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

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Glossary:	
NORMx,y,z	sensitivity in free space
DCP	diode compression point
CF	crest factor (1/duty_cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization φ	φ rotation around probe axis
Polarization §	ϑ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\vartheta = 0$ is normal to probe axis
Connector Angle Sensor Angles k	Information used in DASY system to align probe sensor X to the robot coordinate system sensor deviation from the probe axis, used to calculate the field orientation and polarization is the wave propagation direction

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization 9 = 0 for XY sensors and 9 = 90 for Z sensor (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). For frequencies > 6 GHz, the far field in front of waveguide horn antennas is measured for a set of frequencies in various waveguide bands up to 110 GHz.
- *DCPx,y,z*: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal (no uncertainty required). DCP does not depend on frequency nor media.
- *PAR:* PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- The frequency sensor model parameters are determined prior to calibration based on a frequency sweep (sensor model involving resistors R, R_p, inductance L and capacitors C, C_p).
- *Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z: A, B, C, D* are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. *VR* is the maximum calibration range expressed in RMS voltage across the diode.
- Sensor Offset: The sensor offset corresponds to the mechanical from the probe tip (on probe axis). No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).
- Equivalent Sensor Angle: The two probe sensors are mounted in the same plane at different angles. The angles are assessed using the information gained by determining the NORMx (no uncertainty required).
- Spherical isotropy (3D deviation from isotropy): in a locally homogeneous field realized using an open waveguide / horn setup.

DASY - Parameters of Probe: EUmmWV4 - SN:9523

Basic Calibration Parameters

	Sensor X	Sensor Y	Unc (k=2)
Norm $(\mu V/(V/m)^2)$	0.01746	0.01877	± 10.1 %
DCP (mV) ^B	105.0	105.0	
Equivalent Sensor Angle	-61.0	35.5	

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

Frequency	Target E-Field	Deviation Sensor X	Deviation Sensor Y dB	Unc (k=2) dB
GHz	V/m	dB		
0.75	77.2	-0.31	-0.09	± 0.43 dB
1.8	140.4	0.07	0.05	± 0.43 dB
2	133.0	0.05	0.07	± 0.43 dB
2.2	124.8	0.04	0.07	± 0.43 dB
2.5	123.0	-0.04	-0.02	± 0.43 dB
3.5	256.2	0.19	0.07	± 0.43 dB
3.7	249.8	0.24	0.09	± 0.43 dB
6.6	41.8	-0.24	0.14	± 0.98 dB
8	48.4	-0.32	-0.32	± 0.98 dB
10	54.4	-0.03	-0.01	± 0.98 dB
15	71.5	0.75	-0.05	± 0.98 dB
18	85.3	-0.09	0.23	± 0.98 dB
26.6	96.9	0.11	0.09	± 0.98 dB
30	92.6	0.14	0.09	± 0.98 dB
35	93.7	-0.26	-0.06	± 0.98 dB
40	91.5	-0.37	-0.41	± 0.98 dB
50	19.6	-0.39	-0.19	± 0.98 dB
55	22.4	0.36	0.28	± 0.98 dB
60	23.0	-0.10	-0.07	± 0.98 dB
65	27.4	0.22	0.15	± 0.98 dB
70	23.9	0.54	0.21	± 0.98 dB
75	20.0	0.03	0.04	± 0.98 dB
75	14.8	-0.18	0.01	± 0.98 dB
80	22.5	0.24	0.30	± 0.98 dB
85	22.8	0.14	0.02	± 0.98 dB
90	23.8	0.06	0.06	± 0.98 dB
92	23.9	-0.18	-0.23	± 0.98 dB
95	20.5	-0.28	-0.24	± 0.98 dB
97	24.4	-0.18	-0.16	± 0.98 dB
100	22.6	-0.04	-0.06	± 0.98 dB
105	22.7	0.08	0.13	± 0.98 dB
110	19.7	0.18	0.16	± 0.98 dB

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

⁸ 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 - Parameters of Probe: EUmmWV4 - SN:9523

UID	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc ^e (k=2)
0	- Cw	X	0.00	0.00	1.00	0.00	113.5	± 3.3 %	± 4.7 %
		Y	0.00	0.00	1.00		93.3	1	
10352-	Pulse Waveform (200Hz, 10%)	X	2.20	60.00	14.30	10.00	6.0	± 1.1 %	± 9.6 %
AAA		Y	2.26	60.00	14.75		6.0		
10353-	Pulse Waveform (200Hz, 20%)	X	1.49	60.00	13.26	6.99	12.0	± 1.1 %	± 9.6 %
AAA		Y	1.52	60.00	13.77		12.0		
10354-	Pulse Waveform (200Hz, 40%)	X	0.88	60.00	12.13	3.98	23.0	± 1.1 %	± 9.6 %
AAA		Y	0.90	60.00	12.69		23.0		
10355-	Pulse Waveform (200Hz, 60%)	X	0.53	60.00	11.51	2.22	27.0	± 1.0 %	± 9.6 %
AAA		Y	0,55	60.00	12.06		27.0		
10387-	QPSK Waveform, 1 MHz	X	1.16	60.00	12.21	1.00	22.0	± 1.3 %	± 9.6 %
AAA		Y	1.18	60.00	12.49		22.0		
10388-	QPSK Waveform, 10 MHz	X	1.27	60.00	12.08	0.00	22.0	± 0.7 %	± 9.6 %
AAA		Y	1.26	60.00	12.30		22.0		
10396-	64-QAM Waveform, 100 kHz	X	2,24	61.01	14.03	3.01	17.0	± 0.7 %	± 9.6 %
AAA		Y	2.50	61.97	14.55		17.0		
10399-	64-QAM Waveform, 40 MHz	X	2.07	60.00	12.53	0.00	19.0	± 0.8 %	± 9.6 %
AAA		Y	2.04	60.00	12.73		19.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	X	3.18	60.00	12.93	0.00	12.0	± 1.0 %	± 9.6 %
AAA		Y	3.11	60.00	13.12]	12.0		1

Calibration Results for Modulation Response

Note: For details on all calibrated UID parameters see Appendix

Calibration Results for Linearity Response

Frequency GHz	Target E-Field V/m	Deviation Sensor X dB	Deviation Sensor Y dB	Unc (k=2) dB
0.9	50.0	0.14	0.15	± 0.2 dB
0.9	100.0	0.03	-0.01	± 0.2 dB
0.9	500.0	0.04	-0.03	± 0.2 dB
0.9	1000.0	0.07	-0.01	± 0.2 dB
0.9	1500.0	0.06	0.00	± 0.2 dB
0.9	2000.0	0.05	-0.02	± 0.2 dB

Sensor Frequency Model Parameters (750 MHz – 78 GHz)

	Sensor X	Sensor Y
R (Ω)	45.50	43.92
$R_{p}(\Omega)$	93.06	91.09
L (nH)	0.04584	0.04190
C (pF)	0.2296	0.2627
C _p (pF)	0.1145	0.1215

Sensor Frequency Model Parameters (55 GHz – 110 GHz)

	Sensor X	Sensor Y
R (Ω)	30.09	28.59
$R_{p}(\Omega)$	98.78	96.57
L (nH)	0.03926	0.03958
C (pF)	0.1564	0.1547
C _p (pF)	0.1143	0.1181

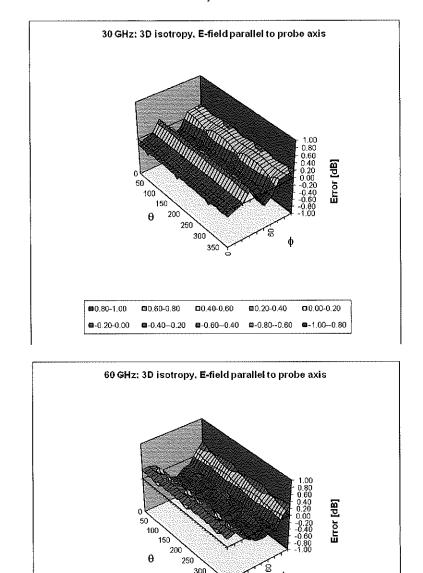
DASY - Parameters of Probe: EUmmWV4 - SN:9523

Sensor Model Parameters

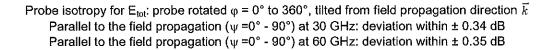
	C1 fF	C2 fF	α V ⁻¹	T1 ms.V ⁻²	T2 ms.V⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	Т6
Х	48.9	353.81	33.55	0.92	4.75	4.98	0.00	1.44	1.00
Y	52.2	378.74	33.81	0.92	5.36	4.99	0.00	1.72	1.00

Other Probe Parameters

Sensor Arrangement	Rectangular
Connector Angle (°)	-71.2
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	320 mm
Probe Body Diameter	8 mm
Tip Length	23 mm
Tip Diameter	8.0 mm
Probe Tip to Sensor X Calibration Point	1.5 mm
Probe Tip to Sensor Y Calibration Point	1.5 mm



Deviation from Isotropy in Air f = 30, 60 GHz



a0,40-0.60

0.20-0.40

⊠-0.40--0.20 ⊠-0.60--0.40 @-0.80--0.60 ≅-1.00--0.80

0.00-0.20

@0.80-1.00

■-0.20-0.00

₫0.60-0.80

Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc [⊧] (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		IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	± 9.6 %
10035		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 %
10030	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6 %
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	$\pm 9.6\%$
	CAA	CDMA2000 (1xRTT, RC1)	CDMA2000		
10039	CAB			4.57	± 9.6 %
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 %
10044		IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 %
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 %
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 %
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6 %
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 %
10059	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10060	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6 %
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	± 9.6 %
10062	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
10064	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6 %
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
10069	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	± 9.6 %
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		IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 %
10092	CAB	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	± 9.6 %
10090	DAC	UMTS-FDD (HSDPA)	WCDMA	3.98	± 9.6 %
10097	DAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.96	± 9.6 %

10099	CAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	± 9.6 %
10100	CAC	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6%
10101	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10102	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6 %
10102	DAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.6%
10104		LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	± 9.6 %
10104	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 %
10103	CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 %
10108	CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 10-000)	LTE-FDD	5.75	± 9.6 %
	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10111	CAG		LTE-FDD	6.59	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)			
10114	CAG	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAG	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAG	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAG	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6%
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 %
10140	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10141	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10142	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10144	CAC	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAC	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	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10153	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6 %
10154	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10155	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAF	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
10160	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10109		LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10170	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 10-QAM)	LTE-FDD	6.49	± 9.6 %
10171	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10172	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10173	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 10-QAM)	LTE-TDD	10.25	± 9.6 %
	CAF	•	LTE-FDD	5.72	± 9.6 %
10175	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	6.52	± 9.6 %
10176	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)			-
10177	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10179	AAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %

10181		LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10181	CAG	LTE-FDD (SC-FDMA, T RB, 15 MHz, 0F5K)	LTE-FDD	6.52	± 9.6 %
10182	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 10 QAM)	LTE-FDD	6.50	± 9.6 %
10183	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10185	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10185	CAI	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10189	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAE CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10193		IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10194	AAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196		IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10190	CAE AAE	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6 %
10198	CAF	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6 %
10100	CAF	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
10210	AAF	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10221		IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10221	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223		IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6 %
10223	CAD CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6 %
10225	CAD	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	± 9.6 %
10227	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6 %
10228	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10229	DAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10232	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	±9.6%
10233	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10234	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10235	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6%
10236	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6%
10237	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10238	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10239	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10240	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10242	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10243	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	± 9.6 %
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10245	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10246	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	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, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %

10000		LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	± 9.6 %
10260	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10261	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 4F 3R)	LTE-TDD	9.83	± 9.6 %
10262	CAG		LTE-TDD	10.16	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	9.23	± 9.6 %
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.92	± 9.6 %
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)			
10266	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 %
10267	CAF	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	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	± 9.6 %
10270	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10275	CAD	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAD	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAD	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 %
10279	CAG	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	±9.6%
10290	CAG	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	± 9.6 %
10291	CAG	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6 %
10292	CAG	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6 %
10293	CAG	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	± 9.6 %
10295	CAG	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6%
10297	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
10298	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6 %
10299	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6 %
10300	CAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	±9.6%
10301	CAC	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WIMAX	12.03	±9.6 %
10302	CAC	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WIMAX	12.57	±9.6 %
10302		IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	12.52	± 9.6 %
10304	CAB	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	11.86	± 9.6 %
10304	CAA	IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WIMAX	15.24	± 9.6 %
10306	CAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WIMAX	14.67	± 9.6 %
10300	CAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WIMAX	14.49	± 9.6 %
10307	AAB	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WIMAX	14.46	± 9.6 %
	AAB	IEEE 802.16e WIMAX (29.18, 10ms, 10MHz, 16QAM, 1 000)	WIMAX	14.58	± 9.6 %
10309	AAB	IEEE 802.16e WIMAX (29.18, 10ms, 10MHz, 1002AW, AMC 2x3)	WIMAX	14.57	± 9.6 %
10310	AAB		LTE-FDD	6.06	$\pm 9.6\%$
10311	AAB	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	IDEN		$\pm 9.6\%$
10313	AAD	IDEN 1:3		10.51	
10314	AAD			13.48	± 9.6 %
10315	AAD	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	± 9.6 %
10316	AAD	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10317	AAA	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6 %
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	± 9.6 %
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6 %
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	± 9.6 %
10400	AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 %
10401	AAA	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6 %
10402	AAA	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc)	WLAN	8.53	± 9.6 %
		CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6 %
10403	AAB			0.10	# 0.0 /0
[AAB AAB	CDMA2000 (1XEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 %

10410	AAA	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
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	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	± 9.6 %
10419		IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	8,19	± 9.6 %
10422	AAA	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10423	AAA	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAA	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10425		IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6%
10426	AAE	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	± 9.6 %
10427	AAE	IEEE 802.11n (HT Greenfield, 150 Mbps, 10-QrMi)	WLAN	8.41	± 9.6 %
10427	AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10430	AAB	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6 %
	AAC		LTE-FDD	8.34	± 9.6 %
10432	AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)		1	
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	$\pm 9.6\%$
10434	AAG	W-CDMA (BS Test Model 1, 64 DPCH)		8.60	$\pm 9.6\%$
10435	AAA	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10447	AAA	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±96%
10448	AAA	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10450	AAA	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10453	AAC	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6 %
10456	AAC	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc)	WLAN	8.63	± 9.6 %
10457	AAC	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	± 9.6 %
10458	AAC	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	± 9.6 %
10459	AAC	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6 %
10460	AAC	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	± 9.6 %
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	± 9.6 %
10463	AAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10467	AAA	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10469	AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10470	AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10471	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10472	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10473	AAA	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10474	AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10475	AAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10477	AAD	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10478	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10479		LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, GC SR, 02 Sub)	LTE-TDD	8.18	± 9.6 %
10480	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 10-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10481	AAA		LTE-TDD		± 9.6 %
	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)		7.71	
10483	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	± 9.6 %
10484	AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6 %
10485	AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6 %
10486	AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	± 9.6 %
10487	AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %

10488	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6 %
10489	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10495		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 %
10490	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	±9.6 %
10498	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	± 9.6 %
10498	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 10-GAM, UL Sub)	LTE-TDD	8.68	± 9.6 %
	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10500	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 04 SN, 02 Sub)	LTE-TDD	8,44	± 9.6 %
10501	AAF		LTE-TDD	8.52	± 9.6 %
10502	AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)			
10503	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
10504	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10505	AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10506	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.6%
10507	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, 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	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
10511	AAF	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	AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10515	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10516	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
10517	AAF	IEEE 802.11b WIFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10518	AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10519	AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6 %
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	± 9.6 %
10521	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6 %
10522	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10523	AAC	IEEE 802.11a/h WIFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6 %
10524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6 %
10526	AAF	IEEE 802.11ac WIFI (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAF	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10528	AAF	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAF	IEEE 802.11ac WIFI (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAF	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAF	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAE	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAE	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAE	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAE	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537		IEEE 802.11ac WiFI (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10538		IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10538	AAF	IEEE 802.11ac WiFI (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10540	AAA	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.46	± 9.6 %
10541	AAA	IEEE 802.11ac WiFi (40MHz, MCS7, 39pc dc)	WLAN	8.65	± 9.6 %
	AAA	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
10543	AAC		WLAN		
10544	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 %
10545	AAC	IEEE 802.11ac WIFI (80MHz, MCS1, 99pc dc)	VVL/413	8.55	± 9.6 %

10540		IEEE 902 1100 MIEI (80MHz MCC2 0000 da)	WLAN	8.35	± 9.6 %
10546 10547	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc) IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.37	± 9.6 %
10548	AAC		WLAN	8.38	± 9.6 %
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN	8.50	± 9.6 %
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)			± 9.6 %
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	
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	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10565	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10566	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	±9.6%
10567	AAC	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	±9.6 %
10568	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10569	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10570	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10571	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10573	AAC	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	±9.6%
10574	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10577	AAC	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10578	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8,36	± 9.6 %
10580	AAD	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10582	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10583	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10584	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10588		IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10589	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10590		IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10591	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10591	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10592	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.64	± 9.6 %
10593	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.74	± 9.6 %
10594	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10595	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %
10596		IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.71	± 9.6 %
	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10598	AAA		WLAN		
10599	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)		8.79	± 9.6 %
10600	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10601	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %

10604	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	±9.6 %
10605	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	±9.6 %
10606	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10607	AAC	IEEE 802.11ac WIFI (20MHz, MCS0, 90pc dc)	WLAN	8.64	±9.6%
10608	AAC	IEEE 802.11ac WIFI (20MHz, MCS1, 90pc dc)	WLAN	8.77	±9.6%
10609	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	±9.6 %
10611	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	±9.6 %
10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10613		IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10614	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 9,6 %
10615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	±9.6%
10618	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.86	±9.6%
10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 50pc dc)	WLAN	8.87	± 9.6 %
10620	AAC		WLAN	8.77	± 9.6 %
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN		± 9.6 %
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN		
10624	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)		8.96	± 9.6 %
10625	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6 %
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 %
10629	AAC	IEEE 802.11ac WIFI (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6 %
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6 %
10632	AAC	IEEE 802.11ac WIFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAC	IEEE 802.11ac WiFI (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 9.6 %
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WiFI (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAC	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	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAC	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10655	AAC	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAC	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
10659	AAC	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAC	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAC	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAC	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
10670	AAC	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10670	AAD	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %

10672	AAD	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %
10673	AAD	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAD	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAD	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAD	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677		IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAD	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAD	IEEE 802.11ax (20MHz, MC88, 90pc dc)	WLAN	8.89	±9.6%
10680	AAD	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10680	AAD	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	8.62	± 9.6 %
	AAG	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.83	± 9.6 %
10682	AAF	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.42	± 9.6 %
10683	AAA	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.26	±9.6%
10684	AAC	•	WLAN	8.33	± 9.6 %
10685	AAC	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.28	± 9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.45	± 9.6 %
10687	AAE	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.29	$\pm 9.6\%$
10688	AAE	IEEE 802.11ax (20MHz, MCS5, 99pc dc)			
10689	AAD	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN MILAN	8.55	$\pm 9.6\%$
10690	AAE	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN WLAN	8.29	± 9.6 % ± 9.6 %
10691	AAB	IEEE 802.11ax (20MHz, MCS8, 99pc dc)		8.25	
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	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 %
10707	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10710	AAC	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
10711	AAC	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10712	AAC	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 %
10713	AAC	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	± 9.6 %
10714	AAC	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	± 9.6 %
10715	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.6 %
10716	AAC	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 %
10717	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
10718	AAC	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6 %
10719	AAC	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 %
10720	AAC	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	± 9.6 %
10721	AAC	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	± 9.6 %
10722	AAC	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6 %
10723	AAC	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10724	AAC	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 %
10725	AAC	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10726	AAC	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	± 9.6 %
	1	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	1		1

DAL DAL IEEE 802.11ax (80MHz, MCS10, 90pc.dc) WLAN 8.64 ± 9.6 10730 AAC IEEE 802.11ax (80MHz, MCS11, 90pc.dc) WLAN 8.42 ± 9.6 10731 AAC IEEE 802.11ax (80MHz, MCS1, 90pc.dc) WLAN 8.44 ± 9.6 10732 AAC IEEE 802.11ax (80MHz, MCS3, 90pc.dc) WLAN 8.44 ± 9.6 10733 AAC IEEE 802.11ax (80MHz, MCS3, 90pc.dc) WLAN 8.25 ± 9.6 10734 AAC IEEE 802.11ax (80MHz, MCS3, 90pc.dc) WLAN 8.23 ± 9.6 10735 AAC IEEE 802.11ax (80MHz, MCS5, 90pc.dc) WLAN 8.22 ± 9.6 10736 AAC IEEE 802.11ax (80MHz, MCS6, 90pc.dc) WLAN 8.42 ± 9.6 10737 AAC IEEE 802.11ax (80MHz, MCS10, 90pc.dc) WLAN 8.42 ± 9.6 10738 AAC IEEE 802.11ax (80MHz, MCS10, 90pc.dc) WLAN 8.43 ± 9.6 10744 AAC IEEE 802.11ax (80MHz, MCS10, 90pc.dc) WLAN 8.44 ± 9.6	10728	440	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %
AAC IEEE 802.11ax (80MHz, MCS11, 30pc dc) WLAN 8.67 4 9.6 10730 AAC IEEE 802.11ax (80MHz, MCS1, 99pc dc) WLAN 8.46 4.9.6 10731 AAC IEEE 802.11ax (80MHz, MCS2, 99pc dc) WLAN 8.44 4.9.6 10732 AAC IEEE 802.11ax (80MHz, MCS2, 99pc dc) WLAN 8.24 4.9.6 10734 AAC IEEE 802.11ax (80MHz, MCS3, 99pc dc) WLAN 8.25 4.9.6 10736 AAC IEEE 802.11ax (80MHz, MCS6, 69pc dc) WLAN 8.36 4.9.6 10737 AAC IEEE 802.11ax (80MHz, MCS6, 69pc dc) WLAN 8.36 4.9.6 10738 AAC IEEE 802.11ax (80MHz, MCS6, 99pc dc) WLAN 8.42 ± 9.6 10744 AAC IEEE 802.11ax (80MHz, MCS11, 99pc dc) WLAN 8.44 ± 9.6 10744 AAC IEEE 802.11ax (80MHz, MCS11, 99pc dc) WLAN 8.43 ± 9.0 10744 AAC IEEE 802.11ax (80MHz, MCS11, 99pc dc) WLAN 8.94 ± 9.0 10744		AAC				± 9.6 %
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TOT32 AAC TEEE 802.11ax (80MHz, MCS1, 99pc dc) WLAN 8.46 ± 9.6 10733 AAC TEEE 602.11ax (80MHz, MCS2, 99pc dc) WLAN 8.25 ± 9.0 10734 AAC IEEE 602.11ax (80MHz, MCS4, 99pc dc) WLAN 8.22 ± 9.0 10735 AAC IEEE 602.11ax (80MHz, MCS4, 99pc dc) WLAN 8.27 ± 9.6 10736 AAC IEEE 602.11ax (80MHz, MCS5, 99pc dc) WLAN 8.26 ± 9.0 10737 AAC IEEE 602.11ax (80MHz, MCS5, 99pc dc) WLAN 8.24 ± 9.6 10738 AAC IEEE 602.11ax (80MHz, MCS1, 99pc dc) WLAN 8.48 ± 9.6 10741 AAC IEEE 602.11ax (80MHz, MCS1, 90pc dc) WLAN 8.44 ± 9.6 10744 AAC IEEE 602.11ax (100MHz, MCS1, 90pc dc) WLAN 8.43 ± 9.0 10744 AAC IEEE 602.11ax (100MHz, MCS2, 90pc dc) WLAN 8.93 ± 9.6 10744 AAC IEEE 602.11ax (100MHz, MCS3, 90pc dc) WLAN 8.91 ± 9.0						± 9.6 %
International Construction International Construction <th< td=""><td></td><td></td><td>•</td><td></td><td></td><td>±9.6 %</td></th<>			•			±9.6 %
ACC IEEE 802.11ax (80MHz, MCS3, 89pc.dc) WLAN 8.25 4.9.6 10734 AAC IEEE 802.11ax (80MHz, MCS4, 89pc.dc) WLAN 8.32 4.9.6 10736 AAC IEEE 802.11ax (80MHz, MCS5, 99pc.dc) WLAN 8.27 4.9.6 10737 AAC IEEE 802.11ax (80MHz, MCS5, 99pc.dc) WLAN 8.42 4.9.6 10738 AAC IEEE 802.11ax (80MHz, MCS7, 99pc.dc) WLAN 8.42 4.9.6 10740 AAC IEEE 802.11ax (80MHz, MCS1, 99pc.dc) WLAN 8.44 4.9.6 10741 AAC IEEE 802.11ax (180MHz, MCS1, 99pc.dc) WLAN 8.43 4.9.6 10742 AAC IEEE 802.11ax (180MHz, MCS1, 90pc.dc) WLAN 8.43 4.9.6 10744 AAC IEEE 802.11ax (180MHz, MCS3, 90pc.dc) WLAN 8.9.3 4.9.6 10744 AAC IEEE 802.11ax (180MHz, MCS3, 90pc.dc) WLAN 9.14 4.9.6 10744 AAC IEEE 802.11ax (180MHz, MCS3, 90pc.dc) WLAN 8.9.3 4.9.6 10746						± 9.6 %
DAG IEEE 802.11ax (80MHz, MCS4, 98pc.dc) WLAN 8.33 19.66 10738 AAC IEEE 802.11ax (80MHz, MCS6, 98pc.dc) WLAN 8.37 19.66 10738 AAC IEEE 802.11ax (80MHz, MCS6, 99pc.dc) WLAN 8.27 19.66 10739 AAC IEEE 802.11ax (80MHz, MCS6, 99pc.dc) WLAN 8.22 19.66 10739 AAC IEEE 802.11ax (80MHz, MCS6, 99pc.dc) WLAN 8.42 19.66 10740 AAC IEEE 802.11ax (80MHz, MCS1, 99pc.dc) WLAN 8.44 19.66 10741 AAC IEEE 802.11ax (180MHz, MCS1, 99pc.dc) WLAN 8.44 19.66 10742 AAC IEEE 802.11ax (180MHz, MCS1, 90pc.dc) WLAN 8.93 19.66 10744 AAC IEEE 802.11ax (180MHz, MCS3, 90pc.dc) WLAN 8.93 19.66 10746 AAC IEEE 802.11ax (180MHz, MCS3, 90pc.dc) WLAN 8.93 19.66 10747 AAC IEEE 802.11ax (180MHz, MCS3, 90pc.dc) WLAN 8.93 19.66 10748						± 9.6 %
DAGE IEEE 802.11ax (80MHz, MCS6, 99pc dc) WLAN 8.27 4.96 10737 AAC IEEE 802.11ax (80MHz, MCS6, 99pc dc) WLAN 8.36 4.96 10738 AAC IEEE 802.11ax (80MHz, MCS7, 99pc dc) WLAN 8.42 4.96 10739 AAC IEEE 802.11ax (80MHz, MCS8, 99pc dc) WLAN 8.44 4.96 10741 AAC IEEE 802.11ax (80MHz, MCS1, 99pc dc) WLAN 8.44 4.96 10742 AAC IEEE 802.11ax (180MHz, MCS1, 99pc dc) WLAN 8.44 4.96 10744 AAC IEEE 802.11ax (180MHz, MCS1, 90pc dc) WLAN 8.43 4.96 10744 AAC IEEE 802.11ax (180MHz, MCS3, 90pc dc) WLAN 8.91 4.96 10746 AAC IEEE 802.11ax (180MHz, MCS3, 90pc dc) WLAN 8.93 4.96 10747 AAC IEEE 802.11ax (180MHz, MCS5, 90pc dc) WLAN 8.91 4.96 10746 AAC IEEE 802.11ax (180MHz, MCS5, 90pc dc) WLAN 8.92 4.96 10750 AAC						± 9.6 %
Diros DAC LEEE 802.11ax (80MHz, MCS6, 98pc dc) WLAN 8.38 ± 9.6 10738 AAC LEEE 802.11ax (80MHz, MCS8, 98pc dc) WLAN 8.42 ± 9.5 10739 AAC LEEE 802.11ax (80MHz, MCS8, 98pc dc) WLAN 8.42 ± 9.5 10740 AAC LEEE 802.11ax (80MHz, MCS1, 98pc dc) WLAN 8.44 ± 9.6 10741 AAC LEEE 802.11ax (80MHz, MCS1, 98pc dc) WLAN 8.43 ± 9.6 10743 AAC LEEE 802.11ax (160MHz, MCS1, 90pc dc) WLAN 8.94 ± 9.6 10744 AAC LEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.93 ± 9.6 10744 AAC LEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 9.04 ± 9.6 10747 AAC LEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.93 ± 9.6 10748 AAC LEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.91 ± 9.6 10749 AAC LEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.92 ± 9.6						± 9.6 %
Display DAC LEEE 802.11ax (80MHz, MCS7, 98pc dc) WLAN 8.42 ± 9.6 10738 AAC LEEE 802.11ax (80MHz, MCS9, 98pc dc) WLAN 8.29 ± 9.6 10740 AAC LEEE 802.11ax (80MHz, MCS9, 98pc dc) WLAN 8.44 ± 9.6 10741 AAC LEEE 802.11ax (80MHz, MCS1, 98pc dc) WLAN 8.44 ± 9.6 10742 AAC LEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.43 ± 9.6 10743 AAC LEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 9.44 ± 9.6 10744 AAC LEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 9.04 ± 9.6 10747 AAC LEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 9.04 ± 9.6 10748 AAC LEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.90 ± 9.6 10749 AAC LEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.90 ± 9.6 10754 AAC LEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.94 ± 9.6						± 9.6 %
10739 AAC IEEE 802.11ax (80MHz, MCS8, 98pc dc) WLAN 8.29 ± 9.6 10740 AAC IEEE 802.11ax (80MHz, MCS8, 98pc dc) WLAN 8.44 ± 9.6 10741 AAC IEEE 802.11ax (80MHz, MCS10, 99pc dc) WLAN 8.40 ± 9.6 10742 AAC IEEE 802.11ax (100MHz, MCS10, 99pc dc) WLAN 8.43 ± 9.6 10743 AAC IEEE 802.11ax (100MHz, MCS2, 90pc dc) WLAN 8.93 ± 9.6 10744 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.93 ± 9.6 10744 AAC IEEE 802.11ax (100MHz, MCS3, 90pc dc) WLAN 8.93 ± 9.6 10747 AAC IEEE 802.11ax (100MHz, MCS6, 90pc dc) WLAN 8.90 ± 9.6 10747 AAC IEEE 802.11ax (100MHz, MCS6, 90pc dc) WLAN 8.90 ± 9.6 10754 AAC IEEE 802.11ax (100MHz, MCS6, 90pc dc) WLAN 8.91 ± 9.6 10755 AAC IEEE 802.11ax (100MHz, MCS1, 90pc dc) WLAN 8.82 ± 9.6						± 9.6 %
DOTA AAC IEEE 802.11ax (80MHz, MCS8, 99pc dc) WLAN 8.48 ± 9.6 10741 AAC IEEE 802.11ax (80MHz, MCS1, 99pc dc) WLAN 8.40 ± 9.6 10742 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.43 ± 9.6 10743 AAC IEEE 802.11ax (160MHz, MCS1, 90pc dc) WLAN 8.94 ± 9.6 10744 AAC IEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.93 ± 9.6 10746 AAC IEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.91 ± 9.6 10747 AAC IEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.93 ± 9.6 10749 AAC IEEE 802.11ax (160MHz, MCS6, 90pc dc) WLAN 8.93 ± 9.6 10750 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.82 ± 9.6 10751 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.82 ± 9.6 10753 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.84 ± 9.6						
Inite Init Init </td <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td>	1					
Dirit AAC Tee Bool 11ax (BOMHz, MCS11, 99pc dc) WLAN 8.43 ± 9.6 10742 AAC IEEE 802.11ax (160MHz, MCS0, 90pc dc) WLAN 8.94 ± 9.6 10744 AAC IEEE 802.11ax (160MHz, MCS2, 90pc dc) WLAN 8.93 ± 9.6 10746 AAC IEEE 802.11ax (160MHz, MCS2, 90pc dc) WLAN 9.14 ± 9.6 10747 AAC IEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 9.04 ± 9.6 10747 AAC IEEE 802.11ax (160MHz, MCS5, 90pc dc) WLAN 8.93 ± 9.6 10748 AAC IEEE 802.11ax (160MHz, MCS5, 90pc dc) WLAN 8.93 ± 9.6 10749 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.7 ± 9.6 10751 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.82 ± 9.6 10753 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.94 ± 9.6 10754 AAC IEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.64 ± 9.6						
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ID744 AAC IEEE 802.11ax (160MHz, MCS1, 90pc dc) WLAN 9.16 ± 9.6 10745 AAC IEEE 802.11ax (160MHz, MCS2, 90pc dc) WLAN 8.93 ± 9.6 10746 AAC IEEE 802.11ax (160MHz, MCS2, 90pc dc) WLAN 9.01 ± 9.6 10747 AAC IEEE 802.11ax (160MHz, MCS4, 90pc dc) WLAN 9.04 ± 9.6 10748 AAC IEEE 802.11ax (160MHz, MCS5, 90pc dc) WLAN 8.93 ± 9.6 10749 AAC IEEE 802.11ax (160MHz, MCS7, 90pc dc) WLAN 8.92 ± 9.6 10751 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.82 ± 9.6 10751 AAC IEEE 802.11ax (160MHz, MCS1, 90pc dc) WLAN 8.84 ± 9.6 10754 AAC IEEE 802.11ax (160MHz, MCS1, 90pc dc) WLAN 8.94 ± 9.6 10754 AAC IEEE 802.11ax (160MHz, MCS1, 90pc dc) WLAN 8.71 ± 9.6 10756 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.77 ± 9.6	1	AAC				
ID/T45 AAC IEEE 802.11ax (180MHz, MCS2, 90pc dc) WLAN 8.93 ± 9.6 10746 AAC IEEE 802.11ax (180MHz, MCS3, 90pc dc) WLAN 9.11 ± 9.6 10747 AAC IEEE 802.11ax (180MHz, MCS3, 90pc dc) WLAN 9.94 ± 9.6 10749 AAC IEEE 802.11ax (180MHz, MCS5, 90pc dc) WLAN 8.93 ± 9.6 10749 AAC IEEE 802.11ax (180MHz, MCS5, 90pc dc) WLAN 8.92 ± 9.6 10750 AAC IEEE 802.11ax (180MHz, MCS9, 90pc dc) WLAN 8.72 ± 9.0 10751 AAC IEEE 802.11ax (180MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.0 10754 AAC IEEE 802.11ax (180MHz, MCS1, 90pc dc) WLAN 8.94 ± 9.0 10755 AAC IEEE 802.11ax (180MHz, MCS1, 90pc dc) WLAN 8.64 ± 9.0 10756 AAC IEEE 802.11ax (180MHz, MCS3, 99pc dc) WLAN 8.71 ± 9.0 10757 AAC IEEE 802.11ax (180MHz, MCS3, 99pc dc) WLAN 8.79 ± 9.0		AAC				
International (1900Hz, MCS3, 90pc dc) WLAN 9.11 ± 9.6 10747 AAC IEEE 802.11ax (1800Hz, MCS4, 90pc dc) WLAN 9.04 ± 9.6 10748 AAC IEEE 802.11ax (1800Hz, MCS5, 90pc dc) WLAN 8.93 ± 9.6 10749 AAC IEEE 802.11ax (1800Hz, MCS6, 90pc dc) WLAN 8.90 ± 9.6 10750 AAC IEEE 802.11ax (1800Hz, MCS7, 90pc dc) WLAN 8.82 ± 9.6 10751 AAC IEEE 802.11ax (1800Hz, MCS19, 90pc dc) WLAN 8.81 ± 9.6 10753 AAC IEEE 802.11ax (1800Hz, MCS19, 90pc dc) WLAN 8.84 ± 9.6 10754 AAC IEEE 802.11ax (1800Hz, MCS19, 90pc dc) WLAN 8.94 ± 9.6 10754 AAC IEEE 802.11ax (1800Hz, MCS19, 90pc dc) WLAN 8.64 ± 9.6 10756 AAC IEEE 802.11ax (1800Hz, MCS1, 90pc dc) WLAN 8.64 ± 9.6 10756 AAC IEEE 802.11ax (1800Hz, MCS2, 90pc dc) WLAN 8.71 ± 9.6 10757 AAC </td <td></td> <td>AAC</td> <td></td> <td></td> <td></td> <td></td>		AAC				
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Intel Box Intel Box <t< td=""><td></td><td>AAC</td><td></td><td></td><td></td><td>± 9.6 %</td></t<>		AAC				± 9.6 %
International and the system of the		AAC				± 9.6 %
IOTS0 AAC IEEE 802.11ax (160MHz, MCS7, 90pc dc) WLAN 8.79 ± 9.6 10751 AAC IEEE 802.11ax (160MHz, MCS8, 90pc dc) WLAN 8.81 ± 9.6 10752 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 10753 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 8.94 ± 9.6 10754 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 8.94 ± 9.6 10755 AAC IEEE 802.11ax (160MHz, MCS1, 90pc dc) WLAN 8.77 ± 9.6 10756 AAC IEEE 802.11ax (160MHz, MCS2, 99pc dc) WLAN 8.77 ± 9.6 10758 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.69 ± 9.6 10769 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.49 ± 9.6 10760 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.49 ± 9.6 10761 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.49 ± 9.6 <tr< td=""><td></td><td>AAC</td><td></td><td></td><td></td><td>± 9.6 %</td></tr<>		AAC				± 9.6 %
International Construction International Constructin Constructin Construction Internatena Constru	1	AAC				± 9.6 %
10752 AAC IEEE 802.11ax (160MHz, MCS9, 90pc dc) WLAN 8.81 ± 9.6 10753 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 9.00 ± 9.6 10754 AAC IEEE 802.11ax (160MHz, MCS11, 90pc dc) WLAN 8.94 ± 9.6 10755 AAC IEEE 802.11ax (160MHz, MCS1, 90pc dc) WLAN 8.77 ± 9.6 10756 AAC IEEE 802.11ax (160MHz, MCS2, 90pc dc) WLAN 8.77 ± 9.6 10756 AAC IEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.69 ± 9.6 10758 AAC IEEE 802.11ax (160MHz, MCS3, 90pc dc) WLAN 8.69 ± 9.6 10760 AAC IEEE 802.11ax (160MHz, MCS4, 90pc dc) WLAN 8.49 ± 9.6 10761 AAC IEEE 802.11ax (160MHz, MCS6, 90pc dc) WLAN 8.49 ± 9.6 10762 AAC IEEE 802.11ax (160MHz, MCS7, 90pc dc) WLAN 8.54 ± 9.6 10766 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 8.54 ± 9.6 <t< td=""><td>10750</td><td>AAC</td><td></td><td></td><td></td><td>± 9.6 %</td></t<>	10750	AAC				± 9.6 %
10753 AAC IEEE 802.11ax (160MHz, MCS10, 90pc dc) WLAN 9.00 ± 9.6 10754 AAC IEEE 802.11ax (160MHz, MCS11, 90pc dc) WLAN 8.94 ± 9.6 10755 AAC IEEE 802.11ax (160MHz, MCS0, 99pc dc) WLAN 8.64 ± 9.6 10756 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.77 ± 9.6 10757 AAC IEEE 802.11ax (160MHz, MCS2, 99pc dc) WLAN 8.77 ± 9.6 10758 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.69 ± 9.6 10759 AAC IEEE 802.11ax (160MHz, MCS4, 99pc dc) WLAN 8.58 ± 9.6 10760 AAC IEEE 802.11ax (160MHz, MCS6, 99pc dc) WLAN 8.49 ± 9.6 10761 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.53 ± 9.6 10763 AAC IEEE 802.11ax (160MHz, MCS8, 99pc dc) WLAN 8.54 ± 9.6 10764 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.54 ± 9.6 <tr< td=""><td>10751</td><td>AAC</td><td></td><td></td><td></td><td>±9.6%</td></tr<>	10751	AAC				±9.6%
10750 AAC IEEE 802.11ax (160MHz, MCS1, 90pc dc) WLAN 8.94 ± 9.6 10755 AAC IEEE 802.11ax (160MHz, MCS0, 99pc dc) WLAN 8.64 ± 9.6 10756 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.77 ± 9.6 10757 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.77 ± 9.6 10758 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.69 ± 9.6 10759 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.69 ± 9.6 10760 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.49 ± 9.6 10761 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.58 ± 9.6 10762 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.53 ± 9.6 10764 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 10765 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.51 ± 9.6	10752	AAC			L	±9.6 %
10755 AAC IEEE 802.11ax (160MHz, MCS0, 99pc dc) WLAN 8.64 ± 9.6 10756 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.77 ± 9.6 10757 AAC IEEE 802.11ax (160MHz, MCS2, 99pc dc) WLAN 8.77 ± 9.6 10758 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.58 ± 9.6 10759 AAC IEEE 802.11ax (160MHz, MCS4, 99pc dc) WLAN 8.58 ± 9.6 10760 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.49 ± 9.6 10761 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.58 ± 9.6 10762 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 10763 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 10764 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.54 ± 9.6 10766 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.51 ± 9.6	10753	AAC				±9.6 %
International International WLAN 8.77 ± 9.6 10756 AAC IEEE 802.11ax (160MHz, MCS2, 99pc dc) WLAN 8.77 ± 9.6 10757 AAC IEEE 802.11ax (160MHz, MCS2, 99pc dc) WLAN 8.69 ± 9.6 10758 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.58 ± 9.6 10760 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.58 ± 9.6 10761 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.58 ± 9.6 10763 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.53 ± 9.6 10764 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 10766 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.54 ± 9.6 10767 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.54 ± 9.6 10768 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.54 ± 9.6 10769 AA	10754	AAC				± 9.6 %
10757 AAC IEEE 802.11ax (160MHz, MCS2, 99pc dc) WLAN 8.77 ± 9.0 10758 AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.69 ± 9.0 10759 AAC IEEE 802.11ax (160MHz, MCS4, 99pc dc) WLAN 8.58 ± 9.0 10760 AAC IEEE 802.11ax (160MHz, MCS6, 99pc dc) WLAN 8.49 ± 9.0 10761 AAC IEEE 802.11ax (160MHz, MCS6, 99pc dc) WLAN 8.49 ± 9.0 10761 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.49 ± 9.0 10763 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.53 ± 9.0 10764 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.54 ± 9.0 10765 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.51 ± 9.0 10766 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.51 ± 9.0 10767 AAC SG NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) SG NR FR1 TDD 8.01 ± 9.0 <	10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)		L	± 9.6 %
NO. AAC IEEE 802.11ax (160MHz, MCS3, 99pc dc) WLAN 8.69 ± 9.0 10758 AAC IEEE 802.11ax (160MHz, MCS4, 99pc dc) WLAN 8.58 ± 9.0 10760 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.49 ± 9.0 10761 AAC IEEE 802.11ax (160MHz, MCS6, 99pc dc) WLAN 8.49 ± 9.0 10762 AAC IEEE 802.11ax (160MHz, MCS6, 99pc dc) WLAN 8.49 ± 9.0 10763 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.53 ± 9.0 10764 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.0 10764 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.51 ± 9.0 10766 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.51 ± 9.0 10768 AAC 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.0 10770 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9	10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN		± 9.6 %
10750 AAC IEEE 802.11ax (160MHz, MCS4, 99pc dc) WLAN 8.58 ± 9.6 10760 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.49 ± 9.6 10761 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.49 ± 9.6 10762 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.49 ± 9.6 10763 AAC IEEE 802.11ax (160MHz, MCS8, 99pc dc) WLAN 8.54 ± 9.6 10764 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.54 ± 9.6 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.54 ± 9.6 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 10767 AAC 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10768 AAC 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10770 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 </td <td>10757</td> <td>AAC</td> <td></td> <td></td> <td></td> <td>± 9.6 %</td>	10757	AAC				± 9.6 %
10760 AAC IEEE 802.11ax (160MHz, MCS5, 99pc dc) WLAN 8.49 ± 9.6 10761 AAC IEEE 802.11ax (160MHz, MCS6, 99pc dc) WLAN 8.58 ± 9.6 10762 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.49 ± 9.6 10763 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.53 ± 9.6 10764 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 10765 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.54 ± 9.6 10766 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.51 ± 9.6 10766 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.51 ± 9.6 10766 AAC IEEE 802.11ax (160MHz, MCS1, 99pc dc) WLAN 8.51 ± 9.6 10767 AAC 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10768 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ±	10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN		± 9.6 %
NOT AAC IEEE 802.11ax (160MHz, MCS6, 99pc dc) WLAN 8.58 ± 9.6 10761 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.49 ± 9.6 10763 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.53 ± 9.6 10764 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 10765 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 10767 AAC 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10768 AAC 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10769 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10770 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD	10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10762 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.49 ± 9.6 10762 AAC IEEE 802.11ax (160MHz, MCS7, 99pc dc) WLAN 8.53 ± 9.6 10763 AAC IEEE 802.11ax (160MHz, MCS8, 99pc dc) WLAN 8.53 ± 9.6 10764 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 10765 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.51 ± 9.6 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 10767 AAC 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10768 AAC 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10769 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10770 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10771 AAC 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR	10760	AAC		WLAN	8.49	± 9.6 %
10763 AAC IEEE 802.11ax (160MHz, MCS8, 99pc dc) WLAN 8.53 ± 9.6 10763 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 10764 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 10765 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.51 ± 9.6 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 10767 AAC 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10768 AAC 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10770 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10771 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10772 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10773 AAC 5G NR (CP-OFDM, 1 RB, 0 MHz, QPSK, 15 kHz)	10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10764 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 10765 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 10767 AAC 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10768 AAC 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10769 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10770 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10771 AAC 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10772 AAC 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 10774 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 1	10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10764 AAC IEEE 802.11ax (160MHz, MCS9, 99pc dc) WLAN 8.54 ± 9.6 10765 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 10767 AAC 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 7.99 ± 9.6 10768 AAC 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10769 AAC 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10770 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10771 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10772 AAC 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 10773 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 1	10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10765 AAC IEEE 802.11ax (160MHz, MCS10, 99pc dc) WLAN 8.54 ± 9.6 10766 AAC IEEE 802.11ax (160MHz, MCS11, 99pc dc) WLAN 8.51 ± 9.6 10767 AAC 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 7.99 ± 9.6 10768 AAC 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10769 AAC 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10769 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10770 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10771 AAC 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10772 AAC 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 10774 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10775 AAC 5G NR (C	10764		IEEE 802.11ax (160MHz, MCS9, 99pc dc)			± 9.6 %
10767 AAC 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 7.99 ± 9.6 10768 AAC 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10769 AAC 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10769 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10770 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10771 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10772 AAC 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10773 AAC 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 10774 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10775 AAC 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 10776	10765		IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6 %
10767 AAC 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 7.99 ± 9.0 10768 AAC 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.0 10769 AAC 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.0 10769 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.0 10770 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.0 10771 AAC 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.0 10772 AAC 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.0 10773 AAC 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.0 10774 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.0 10775 AAC 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.0 10776	10766		IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 %
10768 AAC 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10769 AAC 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10770 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10771 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10772 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10773 AAC 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10774 AAC 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 10774 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10775 AAC 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10776 AAC 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 10777 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.	10767		5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10769 AAC 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.01 ± 9.6 10770 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10771 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10771 AAC 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10772 AAC 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10773 AAC 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 10774 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10774 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 10776 AAC 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 10777 AAC 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 10777 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.	10768		5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10771 AAC 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10772 AAC 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10773 AAC 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.23 ± 9.6 10774 AAC 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 10774 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10774 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10775 AAC 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.6 10776 AAC 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 10777 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 10778 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD		-	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10771 AAC 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.0 10772 AAC 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.23 ± 9.0 10773 AAC 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.0 10774 AAC 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.0 10774 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.0 10775 AAC 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.0 10776 AAC 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.0 10777 AAC 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.0 10777 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.0 10778 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.0 10779 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD			5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772 AAC 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.23 ± 9.6 10773 AAC 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.6 10774 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10774 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.6 10775 AAC 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.6 10776 AAC 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 10777 AAC 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 10777 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.6 10778 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.6 10779 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.6 10780 AAC 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD			5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10773 AAC 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.03 ± 9.0 10774 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.0 10774 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.0 10775 AAC 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.0 10776 AAC 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.0 10777 AAC 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.0 10777 AAC 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.0 10778 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.0 10779 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0 10780 AAC 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0 10781	L			5G NR FR1 TDD	8.23	± 9.6 %
10774 AAC 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.02 ± 9.0 10775 AAC 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.0 10776 AAC 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.0 10776 AAC 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.0 10777 AAC 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.0 10777 AAC 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.0 10777 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.0 10779 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0 10780 AAC 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0 10781 AAC 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0 10781<				5G NR FR1 TDD	8.03	± 9.6 %
10775 AAC 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 ± 9.0 10776 AAC 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.0 10776 AAC 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.0 10777 AAC 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.0 10778 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.0 10779 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.0 10780 AAC 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0 10781 AAC 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0 10781 AAC 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0				5G NR FR1 TDD	8.02	± 9.6 %
10776 AAC 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.0 10777 AAC 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.0 10777 AAC 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.0 10778 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.0 10779 AAC 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.42 ± 9.0 10780 AAC 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0 10781 AAC 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0 10781 AAC 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0				5G NR FR1 TDD	8.31	± 9.6 %
10777 AAC 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.30 ± 9.0 10778 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.0 10779 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.0 10779 AAC 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.42 ± 9.0 10780 AAC 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0 10781 AAC 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0				5G NR FR1 TDD	8.30	± 9.6 %
10778 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ± 9.0 10779 AAC 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.42 ± 9.0 10780 AAC 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0 10781 AAC 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0		_		5G NR FR1 TDD	8.30	± 9.6 %
10779 AAC 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.42 ± 9.0 10780 AAC 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0 10781 AAC 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0 10781 AAC 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0	1			5G NR FR1 TDD	8.34	± 9.6 %
10780 AAC 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0 10781 AAC 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0 10781 AAC 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0						± 9.6 %
10781 AAC 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.38 ± 9.0		_		5G NR FR1 TDD		± 9.6 %
						± 9.6 %
						± 9.6 %
	<u>د</u> ــــــــــ					± 9.6 %

40704			5G NR FR1 TDD	8,29	± 9.6 %
10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10786	AAC	•	5G NR FR1 TDD	8,44	± 9.6 %
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)			± 9.6 %
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	
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%
10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6%
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6%
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6 %
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR 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	AAD	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	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6%
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837		5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839		5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	7.67	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10841	AAD	5G NR (CP-OFDM, 178, 100 Minz, Gr SK, 00 Miz)	5G NR FR1 TDD	8.49	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
<u>i</u>	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10846	AAD		5G NR FR1 TDD	8.34	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD		$\pm 9.6\%$ $\pm 9.6\%$
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	~
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)		8.37	$\pm 9.6\%$
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %

40055		TO NO (OD OFOM 4000 DD 50 MIL- ODOL 00 MIL-)		Q /1	± 9.6 %
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.41 8.40	± 9.6 %
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)			
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	±9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6%
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899		5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAD	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAD	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
1	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.08	± 9.6 %
10907	AAD	5G NR (DFT-s-OFDM, 50% RB, 3 Minz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10908	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	5.95	± 9.6 %
10909	AAD		5G NR FR1 TDD	5.96	± 9.6 %
10910	AAD	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		
10911	AAD	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)		5.93	± 9.6 %
10912	AAD	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	$\pm 9.6\%$
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAD	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAD	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %

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10922	AAD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
10923	AAD	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6%
10935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6%
10937	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6%
10938	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6%
10939	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10953	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
10954	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6 %
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	± 9.6 %
1		5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6 %
10973	AAB	00 MR(B11-3-01 DM, 1100 MI12, Q1 6R, 30 K12)		0.00	

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

Calibration Laboratory of Schmid & Partner

Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland

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

S COREDITATION S C S

MR

Schweizerischer Kalibrierdienst

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

Accreditation No.: SCS 0108

Client PC Test

Certificate No: 5G-Veri30-1045_Dec20

CALIBRATION CERTIFICATE

Dbject	5G Verification	Source 30 GHz - SN: 1045	
			MARS 20
Calibration procedure(s)	QA CAL-45.v3		
	Calibration proc	edure for sources in air above 6 GH	Z
alibration date:	December 10, 2	2020	
	a and and a set of the	tional standards, which realize the physical units probability are given on the following pages and a	
Il calibrations have been conduc	ted in the closed laborat	ory facility: environment temperature (22 \pm 3)°C a	nd humidity < 70%.
alibration Equipment used (M&T	E critical for calibration)		
rimary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Reference Probe EUmmWV3	SN: 9374	31-Dec-19 (No. EUmmWV3-9374_Dec19)	Dec-20
AE4ip	SN: 1602	11-Aug-20 (No. DAE4ip-1602_Aug20)	Aug-21
econdary Standards	ID#	Check Date (in house)	Scheduled Check
	,		
	Name	Function	Signature
Calibrated by:	Leif Klysner	Laboratory Technician	Sef Fligen
Approved by:	Katja Pokovic	Technical Manager	delle
			Issued: December 11, 2020

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





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Swiss Calibration Service

Accreditation No.: SCS 0108

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Glossary

CW

Continuous wave

Calibration is Performed According to the Following Standards

- Internal procedure QA CAL-45-5Gsources
- IEC TR 63170 ED1, "Measurement procedure for the evaluation of power density related to human exposure to radio frequency fields from wireless communication devices operating between 6 GHz and 100 GHz", January 2018

Methods Applied and Interpretation of Parameters

- *Coordinate System:* z-axis in the waveguide horn boresight, x-axis is in the direction of the E-field, y-axis normal to the others in the field scanning plane parallel to the horn flare and horn flange.
- *Measurement Conditions: (1) 10 GHz:* The forward power to the horn antenna is measured prior and after the measurement with a power sensor. During the measurements, the horn is directly connected to the cable and the antenna ohmic and mismatch losses are determined by far-field measurements. (2) 30, 45, 60 and 90 GHz: The verification sources are switched on for at least 30 minutes. Absorbers are used around the probe cub and at the ceiling to minimize reflections.
- *Horn Positioning:* The waveguide horn is mounted vertically on the flange of the waveguide source to allow vertical positioning of the EUmmW probe during the scan. The plane is parallel to the phantom surface. Probe distance is verified using mechanical gauges positioned on the flare of the horn.
- E- field distribution: E field is measured in two x-y-plane (10mm, 10mm + λ/4) with a vectorial E-field probe. The E-field value stated as calibration value represents the E-field-maxima and the averaged (1cm² and 4cm²) power density values at 10mm in front of the horn.
- *Field polarization:* Above the open horn, linear polarization of the field is expected. This is verified graphically in the field representation.

Calibrated Quantity

Local peak E-field (V/m) and peak values of the total and normal component of the poynting vector [Re{S}] and n.Re{S} averaged over the surface area of 1 cm² (pStotavg1cm² and pSnavg1cm²) and 4cm² (pStotavg4cm² and pSnavg4cm²) at the nominal operational frequency of the verification source.

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	cDASY6 Module mmWave	V2.0
Phantom	5G Phantom	
Distance Horn Aperture - plane	10 mm	
XY Scan Resolution	dx, dy = 2.5 mm	
Number of measured planes	2 (10mm, 10mm + λ/4)	
Frequency	30 GHz ± 10 MHz	

Calibration Parameters, 30 GHz

Distance Horn Aperture to Measured Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Avg Powe n.Re{S} (W/	, Re{S}	Uncertainty (k = 2)
				1 cm ²	4 cm ²	
10 mm	30.2	130	1.27 dB	37.7, 38.1	32.7, 33.2	1.28 dB

 $^{^{1}}$ derived from far-field data

DASY Report

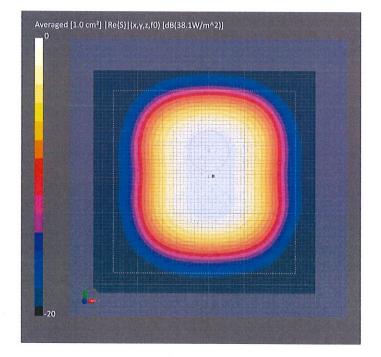
Measurement Report for 5G Verification Source 30 GHz, UID 0 -, Channel 30000 (30000.0MHz)

Device under Test Properties

Name, Manufacturer	Dimensions [mm	1]	IMEI	DUT Type	
5G Verification Source 30 G	Hz 100.0 x 100.0 x 1	100.0	SN: 1045	-	
Exposure Conditions					
Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	5.55 mm	Validation band	CW	30000.0, 30000	1.0
Hardware Setup Phantom	Medium		Probe, Calibra	ation Date	DAE, Calibration Date
nmWave Phantom - 1002	Air			5N9374_F1-78GHz,	DAE4ip Sn1602, 2020-08-11
Scan Setup			Measurem	ent Results	
		5G S	can		5G S

	SG Scall	
Grid Extents [mm]	60.0 x 60.0	D
Grid Steps [lambda]	0.25 x 0.25	A
Sensor Surface [mm]	5.55	р
MAIA	MAIA not used	р
		E

		SG Scan
0	Date	2020-12-10, 07:35
5	Avg. Area [cm ²]	1.00
5	pStot avg [W/m ²]	38.1
d	pSn avg [W/m ²]	37.7
	Epeak [V/m]	130
	Power Drift [dB]	-0.01



DASY Report

Measurement Report for 5G Verification Source 30 GHz, UID 0 -, Channel 30000 (30000.0MHz)

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
5G Verification Source 30 G	Hz 100.0 x 100.0 x 1	.00.0	SN: 1045	-	
Exposure Conditions					
Phantom Section	Position, Test Distance [mm]	Band	Group,	Frequency [MHz], Channel Number	Conversion Factor
5G -	5.55 mm	Validation band	CW	30000.0, 30000	1.0
Hardware Setup	Medium		Braha Call	hustion Data	
mmWave Phantom - 1002	Air			bration Date s - SN9374_F1-78GHz,	DAE, Calibration Date
	7.0		2019-12-3:		DAE4ip Sn1602, 2020-08-11
Scan Setup			Measure	ment Results	
		5G S	can		5G Scan
Grid Extents [mm]		60.0 x 6			2020-12-10, 07:35
Grid Steps [lambda]		0.25 x 0			4.00
Sensor Surface [mm]			.55 pStot avg [33.2
MAIA		MAIA not u	sed pSn avg [V		32.7

E_{peak} [V/m] Power Drift [dB]

130 -0.01

-20