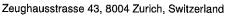
APPENDIX C: PROBE AND DIPOLE CALIBRATION CERTIFICATES

Calibration Laboratory of Schmid & Partner **Engineering AG**



Hac-MRA ^{ta}alaha w



Schweizerischer Kallbrierdlenst S

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

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

Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client	Element		Certificate No	EX-7490_Dec22
CALIB	RATION C	ERTIFICATE		/
Object		EX3DV4 - SN:7490		12/22/22
Calibration	procedure(s)	QA CAL-01.v10, QA CAL-1 QA CAL-25.v8 Calibration procedure for de	·	1-11
Calibration	date	December 09, 2022		
This calibra	ation certificate do rements and the u	cuments the traceability to national standa incertainties with confidence probability ar	rds, which realize the phy re given on the following	ysical units of measurements (SI). bages and are part of the certificate.
All calibrati	ons have been coi	nducted in the closed laboratory facility: er	nvironment temperature (22 ± 3) ∞ and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

ID	Cal Date (Certificate No.)	Scheduled Calibration
SN: 104778	04-Apr-22 (No. 217-03525/03524)	Apr-23
SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
SN: 1249	20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
SN: 1016	20-Oct-22 (OCP-DAK12-1016_Oct22)	Oct-23
SN: CC2552 (20x)	04-Apr-22 (No. 217-03527)	Apr-23
SN: 660	10-Oct-22 (No. DAE4-660_Oct22)	Oct-23
SN: 3013	27-Dec-21 (No. ES3-3013 Dec21)	Dec-22
	SN: 104778 SN: 103244 SN: 1249 SN: 1016 SN: CC2552 (20x) SN: 660	SN: 104778 04-Apr-22 (No. 217-03525/03524) SN: 103244 04-Apr-22 (No. 217-03524) SN: 1249 20-Oct-22 (OCP-DAK3.5-1249_Oct22) SN: 1016 20-Oct-22 (OCP-DAK12-1016_Oct22) SN: CC2552 (20x) 04-Apr-22 (No. 217-03527) SN: 660 10-Oct-22 (No. DAE4-660_Oct22)

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

	Name	Function	Signature
Calibrated by	Aldonia Georgiadou	Laboratory Technician	J= R
Approved by	Sven Kühn	Technical Manager	
This calibration certificate sha	I not be reproduced except in full w	ithout written approval of the I	lssued: December 14, 2022 aboratory.

Calibration Laboratory of

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



Schweizerischer Kalibrierdienst

Service suisse d'étalonnage С

Servizio svizzero di taratura S

S

Swiss Calibration Service

Accreditation No.: SCS 0108

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

Glossary

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

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

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

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (<i>k</i> = 2)
Norm (µV/(V/m)²) A	0.39	0.44	0.51	±10.1%
DCP (mV) ^B	101.5	100.3	99.8	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A	В	C	D	VR	Max	Max
			dB	dBõV		dB	mV	dev.	Unc ^E
									<i>k</i> = 2
0	CW	X	0.00	0.00	1.00	0.00	159.0	±2.5%	±4.7%
		Y	0.00	0.00	1.00		177.4		
		Z	0.00	0.00	1.00		160.8		
10352	Pulse Waveform (200Hz, 10%)	X	1.97	63.54	8.77	10.00	60.0	±3.4%	±9.6%
		Y	1.49	60.64	6.74		60.0		
		Z	20.00	88.81	18.84	1	60.0		
10353	Pulse Waveform (200Hz, 20%)	X	1.12	62.47	7.14	6.99	80.0	±2.4%	±9.6%
		Y	0.87	60.00	5.47	j	80.0		
		Z	20.00	91.12	18.62		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.40	60.00	4.76	3.98	95.0	±1.5%	±9.6%
		Y	0.51	60.00	4.47		95.0		
		Z	20.00	94.72	18.68		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	7.21	159.92	12.37	2.22	120.0	±2.1%	±9.6%
		Ŷ	15.02	115.04	6.66		120.0		
		Z	20.00	89.05	14.70		120.0		
10387	QPSK Waveform, 1 MHz	X	1.52	66.89	14.64	1.00	150.0	±3.2%	±9.6%
	·	Y	1.61	67.41	15.06		150.0		
		Z	1.41	64.93	13.78		150.0		
10388	QPSK Waveform, 10 MHz	X	2.05	67.71	15.51	0.00	150.0	±0.9%	±9.6%
		Y	2.13	68.02	15.76		150.0		
		Z	1.92	66.21	14.71		150.0		
10396	64-QAM Waveform, 100 kHz	X	2.28	67.89	17.71	3.01	150.0	±1.4%	±9.6%
		Y	2.23	67.27	17.42		150.0		
		Z	2.24	66.76	17.31		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.39	67.04	15.71	0.00	150.0	±2.4%	±9.6%
		Y	3.47	67.25	15.86		150.0		
		Z	3.44	66.95	15.63		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.71	65.79	15.61	0.00	150.0	±4.1%	±9.6%
		Y	4.58	65.24	15.35		150.0		
		Z	4.81	65.80	15.62		150.0		

Note: For details on UID parameters see Appendix

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

A The uncertainties of Norm X,Y,Z do not affect the E²-field uncertainty inside TSL (see Pages 5 and 6).

Linearization parameter uncertainty for maximum specified field strength.

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

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 msV ^{−2}	T2 ms V ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	T6
X	34.0	255.51	36.02	4.01	0.00	5.02	0.49	0.20	1.01
У	33.2	249.22	35.76	7.23	0.00	4.93	0.41	0.18	1.00
z	37.9	290.08	36.97	6.43	0.00	5.09	0.00	0.32	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	151.3°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
750	41.9	0.89	10.26	10.26	10.26	0.58	0.81	±12.0%
835	41.5	0.90	10.06	10.06	10.06	0.44	0.80	±12.0%
1750	40.1	1.37	8.65	8.65	8.65	0.39	0.86	±12.0%
1900	40.0	1.40	8.27	8.27	8.27	0.34	0.86	±12.0%
2300	39.5	1.67	8.10	8.10	8.10	0.33	0.90	±12.0%
2450	39.2	1.80	7.85	7.85	7.85	0.30	0.90	±12.0%
2600	39.0	1.96	7.55	7.55	7.55	0.36	0.90	±12.0%
3500	37.9	2.91	6.90	6.90	6.90	0.30	1.35	±14.0%
3700	37.7	3.12	6.70	6.70	6.70	0.30	1.35	±14.0%
3900	37.5	3.32	6.60	6.60	6.60	0.40	1.60	±14.0%

^C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–9 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±10 MHz.

assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to \pm 100 MHz. ^F At frequencies up to 6 GHz, the validity of tissue parameters (ϵ and σ) can be relaxed to \pm 10% if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

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

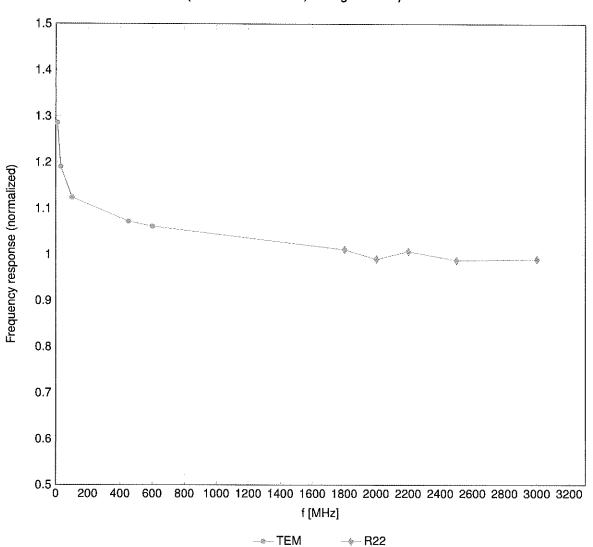
Calibration Parameter Determined in Body Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (<i>k</i> = 2)
750	55.5	0.96	10.33	10.33	10.33	0.54	0.83	±12.0%
835	55.2	0.97	10.13	10.13	10.13	0.36	0.96	±12.0%
1750	53.4	1.49	8.50	8.50	8.50	0.37	0.86	±12.0%
1900	53.3	1.52	8.15	8.15	8.15	0.41	0.86	±12.0%
2300	52.9	1.81	8.12	8.12	8.12	0.39	0.90	±12.0%
2450	52.7	1.95	7.84	7.84	7.84	0.34	0.90	±12.0%
2600	52.5	2.16	7.60	7.60	7.60	0.35	0.90	±12.0%
3500	51.3	3.31	6.63	6.63	6.63	0.40	1.35	±14.0%
3700	51.0	3.55	6.58	6.58	6.58	0.40	1.35	±14.0%
3900	50.8	3.78	6.51	6.51	6.51	0.40	1.70	±14.0%

^C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–9 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

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

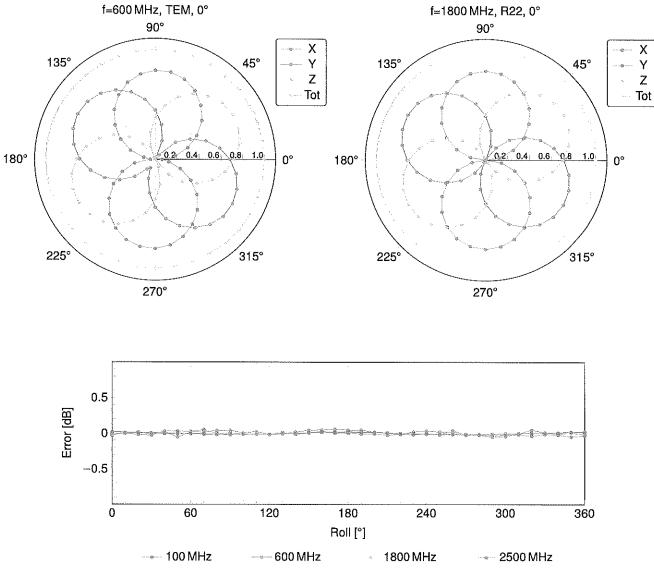
^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than $\pm 1\%$ for frequencies below 3 GHz and below $\pm 2\%$ for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter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



Frequency Response of E-Field

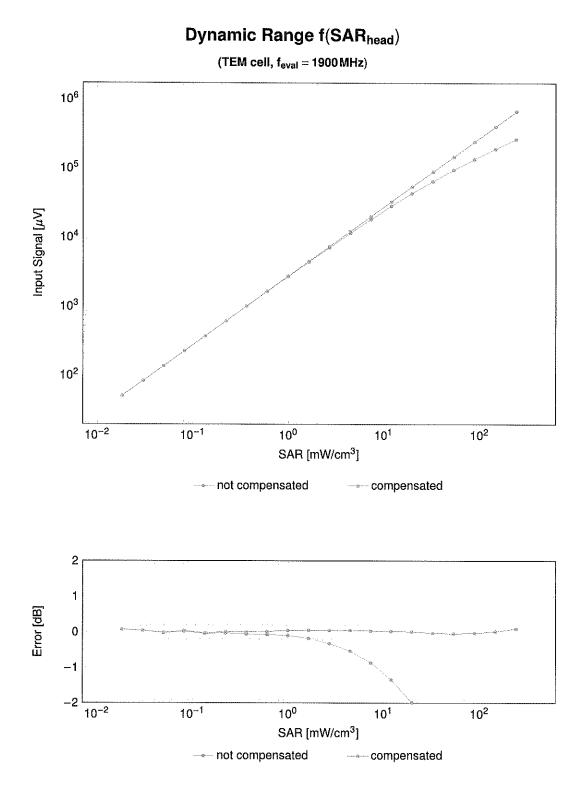
(TEM-Cell:ifi110 EXX, Waveguide:R22)

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



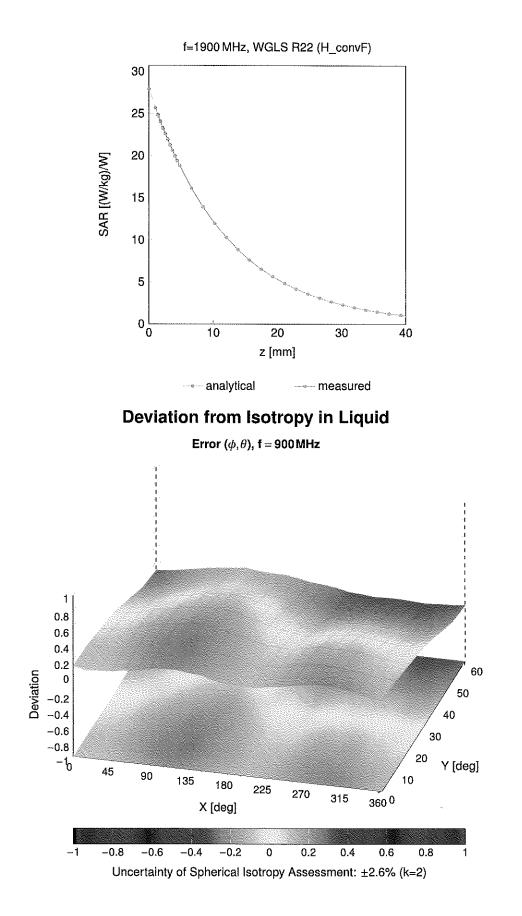
Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

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



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

Conversion Factor Assessment



Appendix: Modulation Calibration Parameters

10011 10012 10013 10021 10023	CAB CAC	Communication System Name CW SAR Validation (Square, 100 ms, 10 ms)	Group CW	PAR (dB) 0.00	$\frac{Unc^{E} k = 2}{\pm 4.7}$
10011 10012 10013 10021 10023		SAR Validation (Square, 100 ms, 10 ms)		0.00	
10012 10013 10021 10023	CAC		Test	10.00	±9.6
10013 10021 10023		UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
10021 10023	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10023	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
10023	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
100/4	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	
	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM		±9.6
	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	9.55	±9.6
	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	4.80	±9.6
	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)		3.55	±9.6
	CAA		GSM	7.78	±9.6
		IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9,6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9,6
10060	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9,6
	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9,6
	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.09	±9.6
	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN		
	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	9.38	±9.6
	CAD			10.12	±9.6
	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
	CAB	IEEE 802.11a/h WiFI 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
		IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fulirate)	AMPS	4,77	±9.6
	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.6
	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6
	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	±9.6
	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-TDD	9.21	±9.6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6
10195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.6
10106	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
10196	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10197			WLAN	8.27	±9.6
10197 10198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)			
10197 10198 10219	CAD CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
10197 10198 10219 10220	CAD CAD CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN WLAN	8.03 8.13	±9.6
10197 10198 10219 10220 10221	CAD CAD CAD CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN WLAN WLAN	8.03 8.13 8.27	±9.6 ±9.6
10197 10198 10219 10220 10221 10222	CAD CAD CAD CAD CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN WLAN WLAN WLAN	8.03 8.13 8.27 8.06	±9.6 ±9.6 ±9.6
10197 10198 10219 10220 10221	CAD CAD CAD CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN WLAN WLAN	8.03 8.13 8.27	±9.6 ±9.6

CIU	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5,97	±9.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9,82	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9.6
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9,6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	±9.6
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±9.6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TOD	9.97	±9.6
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	±9.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
10274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
10277	CAA	PHS (QPSK)	PHS	11.81	±9.6
10278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6
10300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10301	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WIMAX	12.03	±9.6
10302	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WIMAX	12.57	±9.6
10303	AAA	IEEE 802.16e WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	12,52	±9.6
10304	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	11.86	±9.6
10305	AAA	IEEE 802.16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WIMAX	15.24	±9.6
10306	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WiMAX	14.67	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10307	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WIMAX	14.49	±9.6
10308	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WIMAX	14.46	±9.6
10309	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WIMAX	14.58	±9.6
10310	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WIMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAA	IDEN 1:3	IDEN	10.51	±9.6
10314	AAA	IDEN 1:6	IDEN	13.48	±9.6
10315	AAB	IEEE 802.11b WIFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAD	IEEE 802.11a WIFI 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAE	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAE	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAE	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9,6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8,40	±9.6
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAC	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9.6
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	±9.6
10463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9,6
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10400	+	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10469	AAG			0.00	1 10.0
	AAG AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7,82	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	±9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	±9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL. Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	±9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	±9.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.42	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8,45	±9.6
10515	AAA	IEEE 802.11b WiFI 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10518	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10528	AAC	IEEE 802.11ac WiFI (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
10532	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10534	AAC	IEEE 802.11ac WiFI (40 MHz, MCS0, 99pc duty cycle)	WLAN	8,45	±9.6
10535	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10536	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.6
10537	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
10538 10540	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.6
10040	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.39	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
10541	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAD	IEEE 802.11ac WIFI (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10563	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10582	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10583	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10584	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
10602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10605	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
			E LATE AND	0.00	100
10606	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
	AAC AAC AAC	IEEE 802.11n (H1 Mixed, 40 MHz, MCS7, 90pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN WLAN WLAN	8.64	±9.6 ±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
10609	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8,57	±9.6
10610	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10611	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10613	AAC	IEEE 802.11 ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAC	IEEE 802.11ac WIFI (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAC	IEEE 802.11ac WIFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAC	IEEE 802.11ac WIFI (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10617	AAC	IEEE 802.11ac WIFI (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10619	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10620	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAC	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.6
10623	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAC	IEEE 802.11ac WIFI (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
10626	AAC	IEEE 802.11 ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10628	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAC	IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9,6
10631	AAC	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10637	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10638	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9,6
10639	AAD	IEEE 802.11ac WIFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
10641	AAD	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.6
10642	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9,6
10643	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
10644	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10645	AAD	IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle)	WLAN	9,11	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
10653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9,6
10673	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9,6
10674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
10676	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
10678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.6
10679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.6
10682		(IEEE 000 ff av (00 MUL MOOD, 00 a duby availa)	L SARE AND	0.40	±9,6
10683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	
10683 10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
10683					

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9,6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8,45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
10743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
10749	1				
	AAC	IEEE 802,11ax (160 MHz, MCS7, 90bc duty cycle)	I WLAN	879	496
10749 10750 10751	AAC AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN WLAN	8.79	±9.6 ±9.6

1075 AAC IEFF 80.11 ac (106MHz, MCS11, 30pc duty grain) WLAN 8.54 4.50 1075 IAAC IEEF 80.11 ac (106MHz, MCS1, 80pc duty grain) WLAN 8.54 4.55 1075 IAAC IEEF 80.11 ac (106MHz, MCS3, 80pc duty grain) WLAN 8.77 4.65 1076 IAAC IEEE 80.11 ac (106MHz, MCS3, 80pc duty grain) WLAN 8.77 4.85 1077 IAAC IEEE 80.11 ac (106MHz, MCS3, 80pc duty grain) WLAN 8.69 4.36 1078 IAAC IEEE 80.11 ac (100MHz, MCS3, 80pc duty grain) WLAN 8.64 4.96 1078 IAAC IEEE 80.11 ac (100MHz, MCS3, 80pc duty grain) WLAN 8.64 4.96 1078 IAAC IEEE 80.11 ac (100MHz, MCS3, 90pc duty grain) WLAN 8.64 4.96 1078 IAAC IEEE 80.11 ac (100MHz, MCS3, 90pc duty grain) WLAN 8.65 4.86 1078 IAAC IEEE 80.11 ac (100MHz, MCS3, 19pc duty grain) WLAN 8.54 4.86 1078 IAAC IEEE 80.11 ac (100MHz, MCS3, 19pc duty grain)	UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
10705 AAC IEEE 80.11 KK (100 MHz, MCSS (980 adly cycle) WLAN 8.77 45.67 10707 AAC IEEE 80.11 KK (100 MHz, MCSS (980 adly cycle) WLAN 8.67 45.66 10708 AAC IEEE 80.11 KK (100 MHz, MCSS (980 adly cycle) WLAN 8.68 45.60 10780 AAC IEEE 80.11 KK (100 MHz, MCSS (980 adly cycle) WLAN 8.49 45.60 10781 AAC IEEE 80.11 KK (100 MHz, MCSS (980 adly cycle) WLAN 8.49 45.60 10781 AAC IEEE 80.11 KK (100 MHz, MCSS (980 adly cycle) WLAN 8.49 45.61 10781 AAC IEEE 80.11 KK (100 MHz, MCSS (980 adly cycle) WLAN 8.54 4.56 10781 AAC IEEE 80.11 KK (100 MHz, MCSS (980 adly cycle) WLAN 8.54 4.56 10781 AAC IEEE 80.11 KK (100 MHz, MCSS (980 adly cycle) WLAN 8.54 4.56 10781 AAC IEEE 80.11 KK (100 MHz, MCSK (980 adly cycle) WLAN 8.54 4.56 10781 AAC IEEE 80.11 KK (100 MHZ, MCSK (980 adly cycle)	10753	AAC		WLAN	9.00	±9.6
10768 AVC IEEE 80.21 ms (16MHz, MCSS, 89p. duty optio) WLAN 8.77 45.6 10787 AVC IEEE 80.21 ms (16MHz, MCSS, 89p. duty optio) WLAN 8.68 45.6 10788 AVC IEEE 80.21 ms (16MHz, MCSS, 89p. duty optio) WLAN 8.68 45.6 10781 AVC IEEE 80.21 ms (16MHz, MCSS, 89p. duty optio) WLAN 8.64 45.6 10781 AVC IEEE 80.21 ms (16MHz, MCSS, 89p. duty optio) WLAN 8.64 45.6 10781 AVC IEEE 80.21 ms (16MHz, MCSS, 89p. duty optio) WLAN 8.65 45.0 10784 AVC IEEE 80.21 ms (16MHz, MCSS, 89p. duty optio) WLAN 8.54 45.0 10786 AVC IEEE 80.21 ms (16MHz, MCSS, 158 duty optio) WLAN 8.54 45.6 10787 AVC IEEE 80.21 ms (16MHz, MCSS, 158 duty optio) WLAN 8.54 45.6 10787 AVC IEEE 80.21 ms (16MHz, MCSS, 158 duty optio) WLAN 8.54 45.6 10787 AVC IEEE 80.21 ms (16MHz, MCSS, 158 duty optio) GA NFFFTTDD	10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10757 AAC EEE Bol 11st (160 MHz, MCS3, 99pc duty gold) WLAN 8.97 42.8 10768 AAC EEE Bol 11st (160 MHz, MCS3, 99pc duty gold) WLAN 8.49 4.56 10769 MAC EEE Bol 11st (160 MHz, MCS3, 99pc duty gold) WLAN 8.49 4.56 10769 MAC EEE Bol 11st (160 MHz, MCS3, 99pc duty gold) WLAN 8.49 4.56 10764 MAC EEE Bol 11st (160 MHz, MCS3, 99pc duty gold) WLAN 8.43 4.56 10764 MAC EEE Bol 11st (160 MHz, MCS3, 99pc duty gold) WLAN 8.54 4.56 10764 MAC EEE Bol 11st (160 MHz, MCS3, 99pc duty gold) WLAN 8.54 4.56 10764 MAC EEE Bol 11st (160 MHz, MCS3, 99pc duty gold) WLAN 8.54 4.56 10764 MAC EEE Bol 11st (160 MHz, MCS3, 99pc duty gold) WLAN 8.54 4.56 10774 MAC SG NR (12 - CFGM, HZ, MS5, 96pc duty gold) WLAN 8.54 4.56 10764 MAC SG NR (12 - CFGM, HZ, MS5, 96pc duty gold) WLAN		AAC		WLAN	8.64	±9.6
10789 ACC IEEE 82.11 ark (160 MHz, MCS3, 990c, dury grudg) WA N 8.66 4.56 10799 ACC IEEE 80.21 tark (160 MHz, MCS3, 990c, dury grudg) WLAN 8.56 1.56 10769 ACC IEEE 80.21 tark (160 MHz, MCS3, 990c, dury grudg) WLAN 8.56 1.56 10761 ACC IEEE 80.21 tark (160 MHz, MCS3, 990c, dury grudg) WLAN 8.53 1.50 10762 ACC IEEE 80.21 tark (160 MHz, MCS3, 990c, dury grudg) WLAN 8.54 2.50 10764 ACC IEEE 80.21 tark (160 MHz, MCS3, 990c, dury grudg) WLAN 8.54 2.85 10764 ACC IEEE 80.21 tark (160 MHz, MCS3, 190c, dury grudg) WLAN 8.54 2.85 10776 ACC IEEE 80.21 tark (160 MHz, MCS3, 190c, dury grudg) WLAN 8.51 2.85 10778 ACC IEEE 80.21 tark (160 MHz, MCS3, 190c, dury grudg) WLAN 8.51 2.85 10778 ACC IEEE 80.21 tark (160 Hz, MCS1, 180c, dury grudg) GO NR FR1 TDO 8.02 2.85 1078 ACC		AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10758 AAC IFEE B02.11 tar (160 MHz, MCSS, 99p cuty cycle) WLAN 8.49 13.66 10761 AAC IEEE 80.21 tar (150 MHz, MCSS, 99p cuty cycle) WLAN 8.49 13.66 10781 AAC IEEE 80.21 tar (150 MHz, MCSS, 99p cuty cycle) WLAN 8.49 13.65 10782 AAC IEEE 80.21 tar (150 MHz, MCSS, 99p cuty cycle) WLAN 8.43 13.65 10784 AAC IEEE 80.21 tar (150 MHz, MCSS, 99p cuty cycle) WLAN 8.54 13.65 10786 AAC IEEE 80.21 tar (150 MHz, MCSS, 99p cuty cycle) WLAN 8.54 13.65 10786 AAC IEEE 80.21 tar (150 MHz, MCSS, 199p cuty cycle) WLAN 8.54 13.65 10786 AAD GG NR (PC-PDM, 1RB, 5MHz, CPSK, 154Hz) SG NR FPI TDD 8.01 13.65 10778 AAD GG NR (PC-PDM, 1RB, 5MHz, CPSK, 154Hz) SG NR FPI TDD 8.02 45.6 10777 AAD GG NR (PC-PDM, 1RB, 5MHz, CPSK, 154Hz) SG NR FPI TDD 8.03 45.6 10778 AAD GG NR (PC-PDM, 1RB, 5MHz, CPSK, 154H	10757	AAC		WLAN	8.77	±9.6
10700 AAC EEE 80.21 Int (R00 MHz, MCS8, 90pc, duty grade) WL AN 8.49 4.56 10761 AAC EEE 80.21 Int (R00 MHz, MCS8, 90pc, duty grade) WL AN 8.56 565 10762 AAC EEE 80.21 Int (R00 MHz, MCS8, 90pc, duty grade) WL AN 8.56 565 10764 AAC EEE 80.21 Int (R00 MHz, MCS8, 90pc, duty grade) WL AN 8.54 4.56 10764 AAC EEE 80.21 Int (R00 MHz, MCS8, 90pc, duty grade) WL AN 8.54 4.56 10767 AAC EEE 80.21 Int (R00 MHz, MCS8, 10pc, duty grade) WL AN 8.51 4.56 10767 AAC GEN RC /C-PCRA, 178, 154 MHz, OPSK, 154 M2) GO NR FFI TDD 8.01 4.56 10778 AAD GO NR (C-PCRA, 178, 168 MHz, OPSK, 154 M2) GO NR FFI TDD 8.02 4.56 10774 AAD GO NR (C-PCRA, 178, 200 MHz, OPSK, 154 M2) GO NR FFI TDD 8.02 4.56 10774 AAD GO NR FFI TDD 8.02 4.56 1.57 10774 AAD GO NR FFI TDD 8.02 4.5	10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10761 AAC EEE 80.21 is (100 MHz, MCS9, 90p.cuty gride) WA.AN 8.49 456 10762 AAC IEEE 80.21 is (100 MHz, MCS9, 90p.cuty gride) WL.AN 8.53 4.60 10764 AAC IEEE 80.21 is (100 MHz, MCS9, 90p.cuty gride) WL.AN 8.54 4.60 10764 AAC IEEE 80.21 is (100 MHz, MCS9, 90p.cuty gride) WL.AN 8.51 4.56 10764 AAC IEEE 80.21 is (100 MHz, MCS1, 93p.cuty gride) WL.AN 8.51 4.56 10776 AAC IEEE 80.21 is (100 MHz, MCS1, 93p.cuty gride) WL.AN 8.51 4.56 10776 AAD 56 NR (CP-OPCM, HER, 10MHz, OPSK, 15 Hzh) 50 NR FPH TDD 8.01 4.56 10778 AAD 56 NR (CP-OPCM, HER, 30MHz, OPSK, 15 Hzh) 50 NR FPH TDD 8.02 4.58 10774 AAD 56 NR (CP-OPCM, HER, 30MHz, OPSK, 15 Hzh) 50 NR FPH TDD 8.02 4.58 10774 AAD 56 NR (CP-OPCM, HER, 30MHz, OPSK, 15 Hzh) 50 NR FPH TDD 8.02 4.58 10774 AAD 56 NR (CP-OPCM, NSP, 80, MHz, OPSK,		AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10762 AAC IEEE 802.1142 (160.MHz, MCS8, 3990 duty cycle) WLAN 8.63 #9.65 10764 AAC IEEE 802.1142 (160.MHz, MCS8, 3990 duty cycle) WLAN 8.64 #9.65 10765 AAC IEEE 802.1142 (160.MHz, MCS8, 1990 duty cycle) WLAN 8.64 #9.65 10765 AAC IEEE 802.1142 (160.MHz, MCS1), 990 duty cycle) WLAN 8.51 #9.65 10767 AAC SO NR (CP-OFIM, 1186, 504.200 sycle) WLAN 8.51 #9.65 10778 AAD SO NR (CP-OFIM, 1186, 100.402 cPSK, 15 kHz) SG NR FIPI TOD 8.01 #9.65 10778 AAD SO NR (CP-OFIM, 1188, 200.442 cPSK, 15 kHz) SG NR FIPI TOD 8.02 #9.65 10774 AAD SG NR (CP-OFIM, 1188, 200.442 cPSK, 15 kHz) SG NR FIPI TOD 8.02 #9.65 10774 AAD SG NR (CP-OFIM, 1188, 200.442 cPSK, 15 kHz) SG NR FIPI TOD 8.02 #9.65 10774 AAD SG NR (CP-OFIM, 188, 200.442 cPSK, 15 kHz) SG NR FIPI TOD 8.03 #9.65 10777 AAD SG NR (CP-OFIM,		AAC		WLAN	8.49	±9.6
10783 AAC IFEE B22 L18 (100 MHz, KOSS, 959 oduy cycle) WLAN 6.54 9.66 10764 AAC IEEE B22 L18 (100 MHz, KOSS, 959 oduy cycle) WLAN 6.54 9.56 10766 AAC IEEE B22 L18 (100 MHz, KOSI, 959 oduy cycle) WLAN 6.51 9.56 10767 AAC IEEE B22 L18 (100 MHz, KOSI, 959 oduy cycle) WLAN 6.51 9.56 10767 AAC SG NR (CP-OFIM, 1RB, 100 Hz, CPSK, 15 KHz) SG NR FFI TOD 8.01 1.98 10778 AAD SG NR (CP-OFIM, 1RB, 200 Hz, CPSK, 15 KHz) SG NR FFI TOD 8.02 4.36 10774 AAD SG NR (CP-OFIM, 1RB, 200 Hz, CPSK, 15 KHz) SG NR FFI TOD 8.02 4.36 10774 AAD SG NR (CP-OFIM, 1RB, 300 Hz, CPSK, 15 KHz) SG NR FFI TOD 8.03 4.36 10774 AAD SG NR (CP-OFIM, 1RB, 300 Hz, CPSK, 15 KHz) SG NR FFI TOD 8.03 4.36 10774 AAD SG NR (CP-OFIM, SGR, 8.1 MHz, CPSK, 15 KHz) SG NR FFI TOD 8.31 4.36 10776 AAD SG NR (CP-OFIMS, SGR, 8.1	10761	AAC		WLAN	8.58	±9.6
10745 AAC IEEE B22 L142 (100 MHz, MCSS) 9896 duty cycle) WLAN 8.54 19.68 10765 AAC IEEE B22 L142 (100 MHz, MCSS) 9896 duty cycle) WLAN 8.51 1.85 10767 AAC IEEE B22 L142 (100 MHz, MCSS) 9896 duty cycle) WLAN 8.51 1.85 10767 AAC SG NR (CP-OPDM, 1188, 100 Hz, OPSK, 15 Hzl) SG NR FRI TDD 8.01 ± 56 10769 AAD SG NR (CP-OPDM, 1188, 100 Hz, OPSK, 15 Hzl) SG NR FRI TDD 8.02 ± 56 10771 AAD SG NR (CP-OPGM, 1188, 200 Hz, OPSK, 15 Hzl) SG NR FRI TDD 8.02 ± 56 10773 AAD SG NR (CP-OPGM, 1188, 200 Hz, OPSK, 15 Hzl) SG NR FRI TDD 8.02 ± 36 10774 AAD SG NR (CP-OPGM, 1188, 200 Hz, QPSK, 15 Hzl) SG NR FRI TDD 8.30 1.86 10774 AAD SG NR (CP-OPGM, 188, 200 Hz, QPSK, 15 Hzl) SG NR FRI TDD 8.30 1.86 10775 AAD SG NR (CP-OPGM, 200 KR, SG NR, 200 KS, Hzl) SG NR FRI TDD 8.30 1.86 10776 AAD SG NR (10762	AAC		WLAN	8.49	±9.6
10765 ACC IEEE 82.11 kt (160 MHz, MOS1), 980 duty cycle) WLAN 8.54 9.66 10767 ACC IEEE 82.11 kt (160 MHz, MOS1), 980 duty cycle) WLAN 8.51 266 10768 ACD SG NR (CP-OPGN, 11 RB, 10Hz, CPSK, 15 KHz) SG NR FPI TOD 8.01 256 10768 ADD SG NR (CP-OPGN, 11 RB, 10Hz, CPSK, 15 KHz) SG NR FPI TOD 8.01 236 10777 ADD SG NR (CP-OPGN, 11 RB, 20Hz, CPSK, 15 KHz) SG NR FPI TOD 8.02 2.956 10777 ADD SG NR (CP-OPGN, 11 RB, 20Hz, CPSK, 15 KHz) SG NR FPI TOD 8.03 2.856 10774 ADD SG NR (CP-OPGN, 11 RB, 20Hz, CPSK, 15 KHz) SG NR FPI TOD 8.03 2.856 10774 ADD SG NR (CP-OPGN, 595K, 85, MHz, CPSK, 15 KHz) SG NR FPI TOD 8.30 4.86 10776 ADD SG NR (CP-OPGN, 595K, 85, MHz, CPSK, 15 KHz) SG NR FPI TOD 8.30 4.86 10777 ADD SG NR (CP-OPGN, 595K, 85, MHz, CPSK, 15 KHz) SG NR FPI TOD 8.30 4.86 10778 ADD SG		AAC		WLAN	8.53	±9.6
10767 AAC LEE Back 11 wt 100 MHz, MOSTI, 98pc dug volue) VILAN 8.51 2.95 10767 AAC 55 NR (CP-OPEM, 11 R8, 54Mz, CPSK, 15 KHz) SG NR FRI TOD 8.01 1.956 10769 AAD 55 NR (CP-OPEM, 11 R8, 15 MHz, CPSK, 15 KHz) SG NR FRI TOD 8.01 1.956 10779 AAD 55 NR (CP-OPEM, 11 R8, 25 MHz, CPSK, 15 KHz) SG NR FRI TOD 8.02 4.956 10771 AAD 55 NR (CP-OPEM, 11 R8, 25 MHz, CPSK, 15 KHz) SG NR FRI TOD 8.02 4.956 10772 AAD 56 NR (CP-OPEM, 11 R8, 25 MHz, CPSK, 15 KHz) SG NR FRI TOD 8.03 4.956 10774 AAD 56 NR (CP-OPEM, 11 R8, 56 MHz, CPSK, 15 KHz) SG NR FRI TOD 8.33 4.966 10776 AAD 56 NR (CP-OPEM, 56 KHz, 05 KHz) SG NR FRI TOD 8.30 4.86 10777 AAD 56 NR (CP-OPEM, 56 KHz, 05 KHz) SG NR FRI TOD 8.30 4.86 10777 AAD 56 NR (CP-OPEM, 56 KHz, 05 KHz, 05 KHz) SG NR FRI TOD 8.30 4.86 10778 AAD 56 NR (CP-OP		AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
10767 ARE 5G NR (CP-OPDM, IF B, 5MHz, OPSK, 15 MHz) 5G NR PRI TOD 7.99 28.01 10768 AAD 5G NR (CP-OPDM, IF B, 15MHz, OPSK, 15 MHz) 5G NR PRI TOD 6.01 49.5 10779 AAD 5G NR (CP-OPDM, IF B, 25MHz, OPSK, 15 MHz) 5G NR PRI TOD 6.02 49.5 10771 AAD 5G NR (CP-OPDM, IF B, 25MHz, OPSK, 15 MHz) 5G NR PRI TOD 6.02 49.5 10772 AAD 5G NR (CP-OPDM, IF B, 25MHz, OPSK, 15 MHz) 5G NR PRI TOD 8.02 49.5 10774 AAD 5G NR (CP-OPDM, IF B, 30MHz, OPSK, 15 MHz) 5G NR PRI TOD 8.02 49.5 10775 AAD 5G NR (CP-OPDM, IF B, 30MHz, OPSK, 15 MHz) 5G NR PRI TOD 8.02 49.5 10776 AAD 5G NR (CP-OPDM, 69% RB, 10 MHz, OPSK, 15 MHz) 5G NR PRI TOD 8.03 49.6 10777 AAD 5G NR (CP-OPDM, 69% RB, 30MHz, OPSK, 15 MHz) 5G NR PRI TOD 8.34 49.6 10778 AAD 5G NR (CP-OPDM, 69% RB, 30MHz, OPSK, 15 MHz) 5G NR PRI TOD 8.34 49.6 10778 AAD	10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
10769 ADD 50 NR (CP-OPDM, 11 R5, 15MHz, OPSK, 15 MHz) 50 NR PR1 TDD 8.01 295 10779 ADD 50 NR (CP-OPDM, 11 R5, 15MHz, OPSK, 15 MHz) 50 NR PR1 TDD 8.02 495 10771 ADD 50 NR (CP-OPDM, 11 R5, 32MHz, OPSK, 15 MHz) 50 NR PR1 TDD 8.02 495 10772 ADD 50 NR (CP-OPDM, 11 R5, 30MHz, OPSK, 15 MHz) 50 NR NR TDD 8.02 495 10773 ADD 50 NR (CP-OPDM, 11 R5, 30MHz, OPSK, 15 MHz) 50 NR NR TDD 8.02 495 10774 ADD 50 NR (CP-OPDM, 188, 50MHz, OPSK, 15 MHz) 50 NR NR TDD 8.02 495 10776 ADD 50 NR (CP-OPDM, 50% R5, 50MHz, OPSK, 15 MHz) 50 NR NR TDD 8.30 495 10777 ADD 50 NR (CP-OPDM, 50% R5, 50MHz, OPSK, 15 MHz) 50 NR NR TDD 8.34 496 10778 ADD 50 NR (CP-OPDM, 50% R5, 50MHz, OPSK, 15 MHz) 50 NR PR1 TDD 8.34 498 10780 ADD 50 NR (CP-OPDM, 50% R5, 50 MHz, OPSK, 15 MHz) 50 NR PR1 TDD 8.34 498 10781 ADD 5				WLAN	8.51	±9.6
19769 AAD 56 NH (CP-OPDM, 1FB, 15MHz, OPSK, 15 Hzl) 56 NH FR1 TDD 8.01 9.96 10770 AAD 56 NH (CP-OPDM, 1FB, 20HLz, OPSK, 15 Hzl) 56 NH FR1 TDD 8.02 9.96 10771 AAD 56 NH (CP-OPDM, 1FB, 20HLz, OPSK, 15 Hzl) 56 NH FR1 TDD 8.02 9.96 10774 AAD 56 NH (CP-OPDM, 1FB, 30HLz, OPSK, 15 Hzl) 56 NH FR1 TDD 8.02 4.96 10776 AAD 56 NH (CP-OPDM, 1FB, 50HLz, OPSK, 15 Hzl) 56 NH FR1 TDD 8.02 4.96 10776 AAD 56 NH (CP-OPDM, 59% 56, 6MHz, OPSK, 15 Hzl) 56 NH FR1 TDD 8.02 4.96 10776 AAD 56 NH (CP-OPDM, 59% 56, 6MHz, OPSK, 15 Hzl) 56 NH FR1 TDD 8.34 4.86 10777 ACD 56 NH (CP-OPDM, 69% RB, 20HKz, OPSK, 15 Hzl) 56 NH FR1 TDD 8.34 4.86 10778 AAD 56 NH (CP-OPDM, 69% RB, 20HKz, OPSK, 15 Hzl) 56 NH FR1 TDD 8.38 4.96 10778 AAD 56 NH (CP-OPDM, 69% RB, 20HKz, OPSK, 15 Hzl) 56 NH FR1 TDD 8.38 4.96 10784 AAD		AAE		5G NR FR1 TDD	7.99	±9.6
10707 ADD 56 NR (CP-OPDM, 11 R8, 25 MHz, OPSK, 15 Hz) 56 NR FR1 TDD 8.02 ±9.6 10771 ADD 56 NR (CP-OPDM, 11 R8, 35 MHz, OPSK, 15 Hz) 56 NR FR1 TDD 8.02 ±9.6 10772 ADD 56 NR (CP-OPDM, 11 R8, 30 MHz, OPSK, 15 Hz) 56 NR FR1 TDD 8.02 ±9.6 10774 ADD 56 NR (CP-OPDM, 11 R8, 30 MHz, OPSK, 15 Hz) 56 NR FR1 TDD 8.02 ±8.6 10775 ADD 56 NR (CP-OPDM, 60% R8, 10 MHz, OPSK, 15 Hz) 56 NR FR1 TDD 8.02 ±8.6 10776 ADD 56 NR (CP-OPDM, 60% R8, 10 MHz, OPSK, 15 Hz) 56 NR FR1 TDD 8.30 ±8.6 10777 AD 56 NR (CP-OPDM, 60% R8, 10 MHz, OPSK, 15 Hz) 56 NR FR1 TDD 8.34 ±9.6 10778 AD 56 NR (CP-OPDM, 60% R8, 20 MHz, OPSK, 15 Hz) 56 NR FR1 TDD 8.34 ±9.6 10780 AD 56 NR (CP-OPDM, 60% R8, 20 MHz, OPSK, 15 Hz) 56 NR FR1 TDD 8.38 ±9.6 10782 AD 56 NR (CP-OPDM, 60% R8, 50 MHz, OPSK, 15 Hz) 56 NR FR1 TDD 8.38 ±9.6 10784 AD	10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10771 AND 5G NR 1CP-OFDM, 1 RB, 25MHz, OPSK, 15 KHz) 5G NR FP1 TDD 8.02 ±98 10774 AND 5G NR FP1 TDD 8.03 ±98 10774 AND 5G NR 1CP-OFDM, 1 RB, 3DMHz, OPSK, 15 KHz) 5G NR FP1 TDD 8.03 ±98 10774 AND 5G NR 1CP-OFDM, 1 RB, 3DMHz, OPSK, 15 KHz) 5G NR FP1 TDD 8.31 ±98 10775 AAD 5G NR 1CP-OFDM, 50%, RB, 10MHz, OPSK, 15 KHz) 5G NR FP1 TDD 8.30 ±98 10777 AAC 5G NR 1CP-OFDM, 50%, RB, 20MHz, OPSK, 15 KHz) 5G NR FP1 TDD 8.30 ±98 10778 AAD 5G NR 1CP-OFDM, 50%, RB, 20MHz, OPSK, 15 KHz) 5G NR FP1 TDD 8.34 ±98 10780 AAD 5G NR 1CP-OFDM, 50%, RB, 20MHz, OPSK, 15 KHz) 5G NR FP1 TDD 8.38 ±96 10781 AAD 5G NR 1CP-OFDM, 50%, RB, 20MHz, OPSK, 15 KHz) 5G NR FP1 TDD 8.38 ±96 10782 AAD 5G NR 1CP-OFDM, 100%, RB, 20MHz, OPSK, 15 KHz) 5G NR FP1 TDD 8.34 ±98 10784 AAO 5G NR 1CP-OFDM, 100%, RB, 20MHz, OPSK, 15 KHz) 5G NR FP1 TDD 8.34 ±98 ±98 ±98	10769	AAD		5G NR FR1 TDD	8.01	±9.6
10772 AAD SG NR ICP-OFDM, 1RB, 30MHz, OPSK, 15 kHz) SG NR FR1 TDD 8.23 195 10773 AAD SG NR (CP-OFDM, 1RB, 30MHz, OPSK, 15 kHz) SG NR FR1 TDD 8.03 1936 10774 AAD SG NR (CP-OFDM, 1RB, 50MHz, OPSK, 15 kHz) SG NR FR1 TDD 8.30 1936 10776 AAD SG NR (CP-OFDM, 50% RB, 50MHz, OPSK, 15 kHz) SG NR FR1 TDD 8.30 1936 10777 AAC SG NR (CP-OFDM, 50% RB, 50MHz, OPSK, 15 kHz) SG NR FR1 TDD 8.30 1936 10778 AAD SG NR (CP-OFDM, 50% RB, 30MHz, OPSK, 15 kHz) SG NR FR1 TDD 8.42 1958 10778 AAD SG NR (CP-OFDM, 50% RB, 30 MHz, OPSK, 15 kHz) SG NR FR1 TDD 8.38 1958 10781 AAD SG NR (CP-OFDM, 50% RB, 30 MHz, OPSK, 15 kHz) SG NR FR1 TDD 8.38 1958 10781 AAD SG NR (CP-OFDM, 100% RB, 30 MHz, OPSK, 15 kHz) SG NR FR1 TDD 8.34 1958 10782 AAD SG NR (CP-OFDM, 100% RB, 20 MHz, OPSK, 15 kHz) SG NR FR1 TDD 8.35 1958 10783 AAD<	10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10773 ADD 5G NR 1CP-OFDM, 188, 40MHz, OPSK, 15 (Hz) 5G NR FF1 TDD 8.03 -256 10774 AAD 5G NR (CP-OFDM, 188, 50MHz, OPSK, 15 (Hz) 5G NR FR1 TDD 8.31 +36 10775 AAD 5G NR (CP-OFDM, 50%, R8, 10 MHz, OPSK, 15 (Hz) 5G NR FR1 TDD 8.30 +36 10776 AAD 5G NR (CP-OFDM, 50%, R8, 10 MHz, OPSK, 15 (Hz) 5G NR FR1 TDD 8.30 +36 10777 AAC 5G NR (CP-OFDM, 50%, R8, 10 MHz, OPSK, 15 (Hz) 5G NR FR1 TDD 8.30 +36 10778 AAD 5G NR (CP-OFDM, 50%, R8, 20 MHz, OPSK, 15 (Hz) 5G NR FR1 TDD 8.34 +36 1078 AAD 5G NR (CP-OFDM, 50%, R8, 20 MHz, OPSK, 15 (Hz) 5G NR FR1 TDD 8.38 +96 10781 AAD 5G NR (CP-OFDM, 50%, R8, 20 MHz, OPSK, 15 (Hz) 5G NR FR1 TDD 8.33 +98 10782 AAD 5G NR (CP-OFDM, 100%, R8, 10 MHz, OPSK, 15 (Hz) 5G NR FR1 TDD 8.34 +98 10784 AAD 5G NR (CP-OFDM, 100%, R8, 10 MHz, OPSK, 15 (Hz) 5G NR FR1 TDD 8.34 +98 10786 AAD 5G NR (CP-OFDM, 100%, R8, 20 MHz, OPSK, 15 (Hz) 5G NR FR1 TDD 8	10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10774 AAD 6G NR (CP-OPDM, 59% RB, 50 MHz, QPSK, 15 HHz) 5G NR FRI TOD 8.02 13.6 10775 AAD SG NR (CP-OPDM, 50% RB, 10 MHz, QPSK, 15 HHz) 5G NR FRI TOD 8.30 19.6 10777 AAC SG NR (CP-OPDM, 50% RB, 10 MHz, QPSK, 15 HHz) 5G NR FRI TOD 8.30 19.6 10777 AAC SG NR (CP-OPDM, 50% RB, 25 MHz, QPSK, 15 HHz) 5G NR FRI TDD 8.42 19.8 10778 AAD SG NR (CP-OPDM, 50% RB, 25 MHz, QPSK, 15 HHz) 5G NR FRI TDD 8.42 19.8 10780 AAD SG NR (CP-OPDM, 50% RB, 20 MHz, QPSK, 15 HHz) 5G NR FRI TDD 8.43 19.8 10781 AAD SG NR (CP-OPDM, 50% RB, 20 MHz, QPSK, 15 HHz) 5G NR FRI TDD 8.43 19.8 10782 AAD SG NR (CP-OPDM, 100% RB, 5M Hz, QPSK, 15 HHz) 5G NR FRI TDD 8.43 19.8 10783 AAE SG NR (CP-OPDM, 100% RB, 50 MHz, QPSK, 15 HHz) 5G NR FRI TDD 8.44 19.8 10784 AAD SG NR (CP-OPDM, 100% RB, 50 MHz, QPSK, 15 HHz) 5G NR FRI TDD 8.44 19.8 10786 AAD SG NR (CP-OPDM, 100% RB, 50 MHz, QPSK, 15 HHz) 5G NR FRI TDD	10772	AAD		5G NR FR1 TDD	8.23	±9.6
10774 AAD 5G NR (PC-DCM), 198, 50 MHz, QPSK, 15 HHz) 5G NR FRI TDD 8.02 19.6 10776 AAD 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 HHz) 5G NR FRI TDD 8.30 19.6 10777 AAC 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 HHz) 5G NR FRI TDD 8.30 19.6 10778 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 HHz) 5G NR FRI TDD 8.42 19.6 10778 AAC 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 HHz) 5G NR FRI TDD 8.42 19.6 10780 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 HHz) 5G NR FRI TDD 8.43 19.8 10781 AAD 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 HHz) 5G NR FRI TDD 8.43 19.8 10782 AAD 5G NR (CP-OFDM, 100% RB, 5M Hz, QPSK, 15 HHz) 5G NR FRI TDD 8.44 19.8 10784 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 HHz) 5G NR FRI TDD 8.43 19.8 10786 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 HHz) 5G NR FRI TDD 8.44 19.6 10787 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 HHz) 5G NR FRI TDD		AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10776 AAD 5G NR FCP-DDM, 50% RB, 5MHz, OPSK, 15 KHz) 5G NR FCR TDD 6.30 19.6 10777 AAC 5G NR FCP-DDM, 50% RB, 15 MHz, OPSK, 15 KHz) 5G NR FCR TDD 8.30 19.6 10777 AAC 5G NR FCP-DDM, 50% RB, 20 MHz, OPSK, 15 KHz) 5G NR FCR TDD 8.34 19.6 10779 AAC 5G NR FCP-DDM, 50% RB, 20 MHz, OPSK, 15 KHz) 5G NR FCR TDD 8.34 19.6 10778 AAD 5G NR FCP-DDM, 50% RB, 20 MHz, OPSK, 15 KHz) 5G NR FCR TDD 8.38 19.8 10781 AAD 5G NR FCP-DDM, 50% RB, 50 MHz, OPSK, 15 KHz) 5G NR FCR TDD 8.43 19.8 10782 AAD 5G NR FCP-DDM, 100% RB, 50 MHz, OPSK, 15 KHz) 5G NR FCR TDD 8.43 19.8 10784 AAD 5G NR FCP-DDM, 100% RB, 50 MHz, OPSK, 15 KHz) 5G NR FCR TDD 8.43 19.6 10785 AAD 5G NR FCP-DDM, 100% RB, 50 MHz, OPSK, 15 KHz) 5G NR FCR TDD 8.43 19.6 10786 AAD 5G NR FCP-DDM, 100% RB, 50 MHz, OPSK, 15 KHz) 5G NR FCR TDD 8.35 19.6 10786 AAD 5G NR FCP-DDM, 100% RB, 50 MHz, OPSK, 15 KHz) 5G NR FCR TDD 8.3		AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	
10777 AAC 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.30 49.6 10778 AAC 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.42 49.6 10778 AAC 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.42 49.6 10781 AAD 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.43 49.6 10782 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.43 49.6 10783 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.43 49.6 10784 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.44 49.6 10786 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.44 49.6 10787 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.44 49.6 10788 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.44 49.6 10791 AAE 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 16 KHz) 5G NR FR1 TDD	10775	AAD		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 49.6 10778 AAC 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.42 49.6 10778 AAC 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.42 49.6 10781 AAD 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.43 49.6 10782 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.43 49.6 10783 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.43 49.6 10784 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.44 49.6 10786 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.44 49.6 10787 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.44 49.6 10788 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.44 49.6 10791 AAE 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 16 KHz) 5G NR FR1 TDD	10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	
10779 AAC 6G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.42 19.6 10780 AAD 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.38 19.6 10781 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.43 19.6 10782 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.43 19.6 10784 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.43 19.6 10784 AAD 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.40 19.6 10785 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.44 19.6 10786 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.39 19.6 10786 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.39 19.6 10780 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.83 19.6 10781 AAD 5G NR (CP-OFDM, 17 RB, 5MHz, QPSK, 30 KHz) 5G NR FR1 TDD	10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10780 AAD 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.38 19.6 10781 AAD 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.38 19.6 10782 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.31 19.6 10783 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.29 19.6 10784 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.40 19.6 10785 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.35 ±9.6 10787 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.39 19.6 10789 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.39 19.6 10790 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.39 19.6 10789 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 Hz) 5G NR FR1 TDD 7.82 19.6 10782 AAD 5G NR (CP-OFDM, 1RB, 10 MHz, QPSK, 30 Hz) 5G NR FR1 TDD	10778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10781 AD 5G NR (CP-OFDM, 56%, RB, 40 MHz, QPSK, 15 HHz) 5G NR FR1 TDD 8.38 19.8 10782 AAD 5G NR (CP-OFDM, 56%, RB, 50 MHz, QPSK, 15 HHz) 5G NR FR1 TDD 8.31 19.6 10783 AAE 5G NR (CP-OFDM, 100%, RB, 50 MHz, QPSK, 15 HHz) 5G NR FR1 TDD 8.29 19.6 10784 AAD 5G NR (CP-OFDM, 100%, RB, 15 MHz, QPSK, 15 HHz) 5G NR FR1 TDD 8.40 19.6 10785 AAD 5G NR (CP-OFDM, 100%, RB, 15 MHz, QPSK, 15 HHz) 5G NR FR1 TDD 8.44 19.6 10787 AAD 5G NR (CP-OFDM, 100%, RB, 20 MHz, QPSK, 15 HHz) 5G NR FR1 TDD 8.39 19.6 10787 AAD 5G NR (CP-OFDM, 100%, RB, 30 MHz, QPSK, 15 HHz) 5G NR FR1 TDD 8.39 19.6 10789 AAD 5G NR (CP-OFDM, 100%, RB, 30 MHz, QPSK, 15 HHz) 5G NR FR1 TDD 8.39 19.6 10792 AAD 5G NR (CP-OFDM, 100%, RB, 30 MHz, QPSK, 15 HHz) 5G NR FR1 TDD 7.82 19.6 10793 AAD 5G NR (CP-OFDM, 108, RB, 30 MHz, QPSK, 30 HHz) 5G NR FR1 TDD 7.82 19.6 10794 AAD 5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 30 HHz) 5G NR FR1 TD	10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	· · · · · · · · · · · · · · · · · · ·		
10782 AD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.43 29.8 10783 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.29 19.6 10784 AD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.40 19.6 10785 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.44 19.6 10787 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.39 49.6 10788 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.39 49.6 10780 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.39 49.6 10791 AAE 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.39 49.6 10792 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.92 19.6 10793 AAD 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.82 49.6 10794 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 KHz) 5G NR FR1 TDD	10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10783 AAE EG NR (CP-OFDM, 100% RB, 5MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.31 19.8 10784 AAD 5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.29 19.6 10785 AAD 5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.35 19.6 10786 AAD 5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 19.6 10787 AAD 5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.33 19.6 10788 AAD 5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.33 19.6 10789 AAD 5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.39 19.6 10792 AAD 5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.83 19.6 10793 AAD 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 19.6 10794 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 19.6 10795 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.	10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10784 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.29 ±9.8 10786 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.40 ±9.6 10787 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ±9.6 10787 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.34 ±9.6 10788 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.33 ±9.6 10789 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.33 ±9.6 10791 AAE 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.83 ±9.6 10792 AAD 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.95 ±9.6 10793 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10794 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10795 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD	10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10784 AAD 5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 15 kHz) 5G NR FF1 TDD 8.29 19.6 10786 AAD 5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FF1 TDD 8.40 19.6 10786 AAD 5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FF1 TDD 8.44 19.6 10787 AAD 5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FF1 TDD 8.33 19.6 10788 AAD 5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FF1 TDD 8.33 19.6 10789 AAD 5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FF1 TDD 8.33 19.6 10790 AAD 5G NR (CP-OFDM, 18, 15 MHz, QPSK, 30 kHz) 5G NR FF1 TDD 7.83 19.6 10792 AAD 5G NR (CP-OFDM, 1 RB, 10MHz, QPSK, 30 kHz) 5G NR FF1 TDD 7.92 19.6 10793 AAD 5G NR (CP-OFDM, 1 RB, 10MHz, QPSK, 30 kHz) 5G NR FF1 TDD 7.84 19.6 10794 AAD 5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30 kHz) 5G NR FF1 TDD 7.84 19.6 10795 AAD 5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30 kHz) 5G NR FF1 TDD 7.84	10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10786 AAD 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.40 19.6 10786 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.44 49.6 10787 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.39 49.6 10788 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.39 49.6 10780 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.39 49.6 10791 AAE 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 7.83 49.6 10792 AAD 5G NR (CP-OFDM, 118, 5MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.82 49.6 10794 AAD 5G NR (CP-OFDM, 118, 20 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.82 49.6 10794 AAD 5G NR (CP-OFDM, 118, 20 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.82 49.6 10794 AAD 5G NR (CP-OFDM, 118, 20 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.82 49.6 10795 AAD 5G NR (CP-OFDM, 118, 40 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.84 </td <td>10784</td> <td>AAD</td> <td>5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)</td> <td></td> <td>· · · ·</td> <td></td>	10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)		· · · ·	
10786 AAD 5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.35 ±9.6 10787 AAO 5G NR (CP-OFDM, 100% RB, 26MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.44 19.6 10788 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.39 ±9.6 10789 AAD 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.39 ±9.6 10791 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.32 ±9.6 10792 AAD 5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.92 ±9.6 10793 AAD 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.92 ±9.6 10793 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10794 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.84 ±9.6 10795 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.84 ±9.6 10796 <td< td=""><td>10785</td><td>AAD</td><td></td><td>· · · · · · · · · · · · · · · · · · ·</td><td></td><td></td></td<>	10785	AAD		· · · · · · · · · · · · · · · · · · ·		
10787 AAD 5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.44 ±9.6 10788 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.39 ±9.6 10789 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.39 ±9.6 10790 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 7.83 ±9.6 10791 AAE 5G NR (CP-OFDM, 18, 10 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.92 ±9.6 10793 AAD 5G NR (CP-OFDM, 18, 10 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.92 ±9.6 10794 AAD 5G NR (CP-OFDM, 18, 18, 10 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.82 ±9.6 10795 AAD 5G NR (CP-OFDM, 18, 25 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.82 ±9.6 10796 AAD 5G NR (CP-OFDM, 18, 25 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.82 ±9.6 10797 AAD 5G NR (CP-OFDM, 18, 50 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.82 ±9.6 10797 AAD 5G NR (CP-OFDM, 18, 50 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.93	10786	AAD			······	
10786 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.39 ±9.6 10780 AAD 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.39 ±9.6 10790 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 TDD 8.39 ±9.6 10791 AAE 5G NR (CP-OFDM, 10% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.83 ±9.6 10792 AAD 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.95 ±9.6 10793 AAD 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10794 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10795 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10796 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10798 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10798 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 </td <td>10787</td> <td>AAD</td> <td></td> <td></td> <td></td> <td></td>	10787	AAD				
10789 AAD 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.37 ±9.6 10790 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.83 ±9.6 10791 AAD 5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.92 ±9.6 10792 AAD 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.92 ±9.6 10794 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10795 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10796 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10797 AAD 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10798 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10799 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10801 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89	10788	AAD				
10790 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 8.39 ±9.6 10791 AAE 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.83 ±9.6 10792 AAD 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.92 ±9.6 10793 AAD 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10794 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10795 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10796 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.84 ±9.6 10797 AAD 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10798 AAD 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10801 AAD 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10802 AAD 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.87	10789	AAD				
10791 AAE 5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.83 ±9.6 10792 AAD 5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.92 ±9.6 10793 AAD 5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10794 AAD 5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10795 AAD 5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.84 ±9.6 10796 AAD 5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10797 AAD 5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.83 ±9.6 10798 AAD 5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10802 AAD 5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10803 AAD 5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10803 AAD 5G NR (CP-OFDM, 1 RB, 10MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.83 ±9.6	10790	AAD				
10792 AAD 5G NR FR1 TDD 7.92 ±9.6 10793 AAD 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.95 ±9.6 10794 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.82 ±9.6 10795 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.82 ±9.6 10796 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.82 ±9.6 10797 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.82 ±9.6 10798 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.93 ±9.6 10799 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.93 ±9.6 10801 AAD 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.89 ±9.6 10802 AAD 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.89 ±9.6 10803 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.83 ±9.6 10805	10791	AAE				
10793 AAD 5G NR FCP-OFDM, 1 RB, 15MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.95 ±9.6 10794 AAD 5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10795 AAD 5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10796 AAD 5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10797 AAD 5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10798 AAD 5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.99 ±9.6 10799 AAD 5G NR (CP-OFDM, 1 RB, 60MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.99 ±9.6 10801 AAD 5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10802 AAD 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10803 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10803 AAD 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.37	10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)			
10794 AAD 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10795 AAD 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.84 ±9.6 10796 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10797 AAD 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10798 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10799 AAD 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10801 AAD 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10802 AAD 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.87 ±9.6 10803 AAD 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10805 AAD 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10806 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34	10793	AAD		5G NR FR1 TDD		
10795 AAD 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.84 ±9.6 10796 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10797 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10798 AAD 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10799 AAD 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10801 AAD 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10802 AAD 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.87 ±9.6 10803 AAD 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.83 ±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, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10807 AAD 5G NR (CP-OFDM, 50% RB, 00 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34	10794	AAD				
10796 AAD 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.82 ±9.6 10797 AAD 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.01 ±9.6 10798 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10799 AAD 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10801 AAD 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10802 AAD 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.87 ±9.6 10803 AAD 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.87 ±9.6 10804 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10805 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10806 AAD 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10810 AAD 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 <td>10795</td> <td>AAD</td> <td>5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)</td> <td></td> <td>.</td> <td></td>	10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)		.	
10797 AAD 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.01 ±9.6 10798 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10799 AAD 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10801 AAD 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10802 AAD 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10803 AAD 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.87 ±9.6 10804 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±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, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10807 AAD 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10810 AAD 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 </td <td>10796</td> <td>AAD</td> <td>5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)</td> <td></td> <td><u> </u></td> <td></td>	10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)		<u> </u>	
10798 AAD 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10799 AAD 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10801 AAD 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10802 AAD 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.87 ±9.6 10803 AAD 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.87 ±9.6 10805 AAD 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10806 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.37 ±9.6 10806 AAD 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10809 AAD 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10810 AAD 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10817 AAE 5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 <td>10797</td> <td>AAD</td> <td>5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)</td> <td><u> </u></td> <td></td> <td></td>	10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	<u> </u>		
10799 AAD 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10801 AAD 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10802 AAD 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.87 ±9.6 10803 AAD 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10805 AAD 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10806 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 8.34 ±9.6 10807 AAD 5G NR (CP-OFDM, 50% RB, 00 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10810 AAD 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10812 AAD 5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10812 AAD 5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34<	10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)			
10801 AAD 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.89 ±9.6 10802 AAD 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.87 ±9.6 10803 AAD 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10805 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10806 AAD 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10807 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10808 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 8.34 ±9.6 10817 AAE 5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10818 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD		AAD			{	
10802 AAD 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.87 ±9.6 10803 AAD 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10805 AAD 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10806 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 8.34 ±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 8.34 ±9.6 10817 AAE 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10818 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10820					4	
10803 AAD 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 7.93 ±9.6 10805 AAD 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10806 AAD 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10806 AAD 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10809 AAD 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10810 AAD 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10812 AAD 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10817 AAE 5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10818 AAD 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10820 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD					<u></u>	
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, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±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 10812 AAD 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10817 AAE 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10818 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10820 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.30 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD		4			!	L
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 10809 AAD 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10810 AAD 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10812 AAD 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10817 AAE 5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10817 AAE 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10818 AAD 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.33 ±9.6 10819 AAD 5G NR (CP-OFDM, 100% RB, 20 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 8.41 ±9.6 10822						
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, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10812 AAD 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10817 AAE 5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10818 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10819 AAD 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.33 ±9.6 10820 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.30 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 20 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 <td></td> <td></td> <td></td> <td>- -</td> <td>i</td> <td></td>				- -	i	
10810 AAD 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10812 AAD 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10817 AAE 5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10817 AAE 5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10818 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10819 AAD 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.33 ±9.6 10820 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.30 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10823 AAD 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10824 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
10812 AAD 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10817 AAE 5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10817 AAE 5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.35 ±9.6 10818 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.34 ±9.6 10819 AAD 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.33 ±9.6 10820 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.30 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAD 5G NR (CP-OFDM, 100% RB, 00 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10824 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
10817 AAE 5G NR (CP-OFDM, 100% RB, 5MHz, 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 10818 AAD 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.33 ±9.6 10819 AAD 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.33 ±9.6 10820 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.30 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10823 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.39 ±9.6 10824 AAD 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.39 ±9.6 10825				· · · · · · · · · · · · · · · · · · ·		
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 8.33 ±9.6 10820 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.30 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10823 AAD 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.36 ±9.6 10824 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.39 ±9.6 10825 AAD 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10827 AAD 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6						
10819 AAD 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.33 ±9.6 10820 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.30 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10823 AAD 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.36 ±9.6 10824 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.39 ±9.6 10825 AAD 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10827 AAD 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6		·				
10820 AAD 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.30 ±9.6 10821 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10823 AAD 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.36 ±9.6 10824 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.36 ±9.6 10825 AAD 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±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		÷				l
10821 AAD 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10822 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10823 AAD 5G NR (CP-OFDM, 100% RB, 30 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						
10822 AAD 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10823 AAD 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.36 ±9.6 10824 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.39 ±9.6 10825 AAD 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10827 AAD 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6		÷		3		
10823 AAD 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.36 ±9.6 10824 AAD 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.39 ±9.6 10825 AAD 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.41 ±9.6 10827 AAD 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6		·				
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						
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						
10827 AAD 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 8.42 ±9.6						
				· · · · · · ·	· · · · ·	
	10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^E k = 2$
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9,6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10840	AAD AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10843	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.49	±9.6
10846	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 KHz)	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 5G NR FR1 TDD	8.41 8.34	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6 ±9.6
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9.6
10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
10871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10874 10875	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10875	AAE AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10877	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 KHz)	5G NR FR2 TDD	8.39	±9.6
10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 KHz)	5G NR FR2 TDD 5G NR FR2 TDD	8.41 8.12	±9.6 ±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
10881	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10882	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
10883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10886	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	±9.6
10889	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
10890	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6
10891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8,13	±9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10897 10898	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	AAB AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10899	AAB	5G NR (DFT-s-OFDM, T RB, 15 MHz, QPSK, 30 KHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.67 5.68	±9.6
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QFSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6 ±9.6
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	5.68	±9.6
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
				•	.

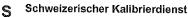
UDD Rev Communication System Name Oracle PAR2 Desc PAR2 10011 AAB SG NM R (DF1=-OFDM, SGY RB, 250 MeL, QPSK, 30 MeL) SG NM R FRT TDD 5.48 4.86 10011 AAB SG NM R (DF1=-OFDM, SGY RB, 30 MeL, QPSK, 30 MeL) SG NM R FRT TDD 5.44 4.86 10011 AAB SG NM R (DF1=-OFDM, SGY RB, 30 MeL, QPSK, 30 MeL) SG NM R FRT TDD 5.64 4.86 10011 AAB SG NM R (DF1=-OFDM, SGY RB, 30 MeL, QPSK, 30 MeL) SG NM R FRT TDD 5.64 4.86 10011 AAB SG NM R (DF1=-OFDM, SGY RB, 30 MeL, QPSK, 30 MeL) SG NM R FRT TDD 5.84 4.86 10011 AAB SG NM R (DF1=-OFDM, 1005 RB, 30 MeL, QPSK, 30 MeL) SG NM R FRT TDD 5.84 4.86 10282 AAB SG NM R (DF1=-OFDM, 1005 RB, 30 MeL, QPSK, 30 MeL) SG NM R FRT TDD 5.84 4.86 10282 AAB SG NM R (DF1=-OFDM, 1005 RB, 30 MeL, QPSK, 30 MeL) SG NM R FRT TDD 5.84 4.86 10282 AAB SG NM R (DF1=-OFDM, 1005 RB, 30 MeL, QPSK, 30 MeL) SG NM R FRT TDD 5.84 4.	UID	Rev	Communication Duston None	0	DAD (3D)	the Etc. of
16912 AAB EAN PLOTE-OFFMA. 300% FB, 300 MHz, DESK, 300		1 · · · ·				
19915 AMB EGARL OFFS-OFEM. 50% RF, 304M-2, OPSK, 304M-2 SCA MI First TDD 5.68 1.06 10915 AMB SCA MI (DFFs-OFEM. 50% RF, 504M-2, OPSK, 304M-2) SCA MR FIT TDD 5.68 1.06 10915 AMB SCA MI (DFFs-OFEM. 50% RF, 804M-2, OPSK, 304M-2) SCA MR FIT TDD 5.62 1.95 10917 AMB SCA MI (DFFs-OFEM. 50% RF, 804M-2, OPSK, 304M-2) SCA MR FIT TDD 5.64 1.96 10917 AMB SCA MI (DFFs-OFEM. 100% RF, 15MH-2, OPSK, 304H-2) SCA MR FIT TDD 5.64 4.96 10918 AMS SCA MI (DFFs-OFEM. 100% RF, 15MH-2, OPSK, 304H-2) SCA MR FIT TDD 5.64 4.96 10922 AMS SCA MI (DFFs-OFEM. 100% RF, 25MH-2, OPSK, 304H-2) SCA MR FIT TDD 5.84 4.86 10922 AMS SCA MI (DFFs-OFEM. 100% RF, 25MH-2, OPSK, 304H-2) SCA MI RFT TDD 5.84 4.85 10924 AMS SCA MI (DFFs-OFEM. 100% RF, 25MH-2, OPSK, 304H-2) SCA MI RFT TDD 5.84 4.85 10924 AMS SCA MI (DFFs-OFEM. 100% RF, 25MH-2, OPSK, 304H-2) SCA MI RFT TDD 5.84 4.85			,			
10914 AAB EG NA (DFF-OFEM, SOVER, SOVER), OPERS, SOVEQ, OPERS, SOVEQ, SOVAP, S	Luni i	1				
19915 AKE SG NR (PT = OFDM, 65N, RB, 00MHz, OPSK, 50 MHz) SG NR PFT TDD 5.83 =9.6 19917 AKE SG NR (PT = OFDM, 65N, RB, 00MHz, OPSK, 50 MHz) SG NR PFT TDD 5.84 =2.96 19918 AKE SG NR (PT = OFDM, 65N, RB, 10MHz, OPSK, 50 HHz) SG NR PFT TDD 5.86 =2.96 19918 AKE SG NR (PT = OFDM, 100N, RB, 15MHz, OPSK, 50 HHz) SG NR PFT TDD 5.86 =2.96 19918 AKE SG NR (PT = OFDM, 100N, RB, 25MHz, OPSK, 50 HHz) SG NR FFT TDD 5.84 =2.96 19928 AKE SG NR (PT = OFDM, 100N, RB, 25MHz, OPSK, 30 HHz) SG NR FFT TDD 5.84 =2.96 19928 AKE SG NR (PT = OFDM, 100N, RB, 25MHz, OPSK, 30 HHz) SG NR FFT TDD 5.84 =2.96 19928 AKE SG NR (PT = OFDM, 100N, RB, 25MHz, OPSK, 30 HHz) SG NR FFT TDD 5.84 =2.96 19928 AKE SG NR (PT = OFDM, 100N, RB, 25MHz, OPSK, 30 HHz) SG NR FFT TDD 5.84 =2.96 19928 AKE SG NR (PT = OFDM, 100N, RB, 25MHz, OPSK, 30 HHz) SG NR FFT TDD 5.81 =2.96						
10915 AAB 5G AN FFR TOD 587 206 10917 AAB 5G NN (PTs CPTM), 697-8, 700-ML, 097-8, 700						
19917 A&B 5G NR (PT=CPC M, 50% RB, 100 MHz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 50M Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 100 Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 100 Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 100 Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 100 Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 100 Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 200 Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 200 Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 200 Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 200 Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 200 Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 200 Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 200 Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 200 Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 200 Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 200 Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 200 Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 200 Hz, CPEK, 30 Hz) GG NR (PT=CPC M, 100% RB, 200 Hz, CPEK, 30 Hz) GG NR (PT=CPC ML, 100% Hz, CPEK, 30 Hz) GG NR (PT=CPC ML, 100% Hz, CPEK, 30 Hz) GG NR (PT=CPC ML, 100% Hz, CPEK, 30 Hz) GG NR (PT=CPC ML, 100% Hz, CPEK, 30 Hz) GG NR (PT=CPC ML, 100% Hz, CPEK, 30 Hz) GG NR (PT=CPC ML, 100% Hz, CPEK, 30 Hz) GG NR (PT=CPC ML, 100% Hz, CPEK, 15 Hz) GG NR (PT=CPC ML, 100% Hz, CPEK, 15 Hz) GG NR (PT=CPC ML, 100% Hz, CPEK, 15 Hz) GG NR (PT=CPC ML, 100% Hz, CPEK, 15 Hz) GG NR (PT=CPC ML, 100% Hz, CPEK, 15 Hz) GG NR (PT=CPC ML, 100% Hz, CPEK, 15 Hz) GG NR (PT=TPC D	10916	AAB				
19919 AAB 56 AN PET-CO-DM, 1005 / BB, 10/H42, CPEK, 30 H42) 56 AN PET TOD 5.86 1.96 1992 AAB 56 AN PET-CO-DM, 1005 / BB, 20/H42, CPEK, 30 H42) 56 AN FEI TOD 5.84 2.96 1992 AAB 56 AN (DT-F-CO-DM, 1005 / BB, 20/H42, CPEK, 30 H42) 56 AN FEI TOD 5.84 2.96 19924 AAB 56 AN (DT-F-CO-DM, 1005 / BB, 20/H42, CPEK, 30 H42) 56 AN FEI TOD 5.84 2.96 19924 AAB 56 AN (DT-F-CO-DM, 1005 / BB, 20/H42, CPEK, 30 H42) 56 AN FFI TOD 5.84 2.96 19926 AAB 56 AN (DT-F-CO-DM, 1005 / BB, 20/H42, CPEK, 30 H42) 56 AN FFI TOD 5.84 2.96 19928 AAC 56 AN (DT-F-CO-DM, 1005 / BB, 20/H42, CPEK, 30 H42) 56 AN FFI TOD 5.84 2.96 19928 AAC 56 AN (DT-F-CO-DM, 1005 / BB, 20/H42, CPEK, 30 H42) 56 AN FFI TOD 5.84 2.96 19928 AAC 56 AN (DT-F-CO-DM, 1005 / BB, 20/H42, CPEK, 30 H42) 56 AN FFI TOD 5.82 2.96 19938 AAC 56 AN (DT-F-CO-DM, 1005 / BB, 20/H42, CPEK, 15 H42) 56 AN FFI FDD 5.82	10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)			
10820 AAB 5G NR (DFT-GOTM, 100%, RB, 30MHz, OPSK, 30 Hz) 5G NR (PFT-GOTM, 100%, RB, 30MHz, OPSK, 30 Hz) 5G NR (PFT-GOTM, 100%, RB, 30MHz, OPSK, 30 Hz) 5G NR (PFT-GOTM, 100%, RB, 30MHz, OPSK, 30 Hz) 5G NR (PFT-GOTM, 100%, RB, 30MHz, OPSK, 30 Hz) 5G NR (PFT-GOTM, 100%, RB, 30MHz, OPSK, 30 Hz) 5G NR (PFT-GOTM, 100%, RB, 30MHz, OPSK, 30 Hz) 5G NR (PFT-GOTM, 100%, RB, 30MHz, OPSK, 30 Hz) 5G NR (PFT-GOTM, 100%, RB, 30MHz, OPSK, 30 Hz) 5G NR (PFT-GOTM, 100%, RB, 30MHz, OPSK, 30 Hz) 5G NR (PFT-GOTM, 100%, RB, 30MHz, OPSK, 30 Hz) 5G NR (PFT-GOTM, 100%, RB, 30MHz, OPSK, 30 Hz) 5G NR (PFT-GOTM, 100%, RB, 30MHz, OPSK, 30 Hz) 5G NR (PFT-GOTM, 100%, RB, 30MHz, OPSK, 30 Hz) 5G NR (PFT-GOTM, 100%, RB, 30MHz, OPSK, 30 Hz) 5G NR (PFT-GOTM, 178, 30MHz, OPSK, 15 Hz) 5G NR (PFT-GOTM, 5GN, RB, 30MHz, OPSK, 15 Hz) 5G NR (PFT-GOTM, 5GN, RB, 30MHz, OPSK, 15 Hz) 5G NR (P	10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
19921 AAB 5G NR (DFT-0CPM, 1005, RB, 20MHz, CPSK, 30 Hz) 5G NR (PFT-0DD 5.84 9.80 19924 AAB SG NR (DFT-0CPM, 1005, RB, 20MHz, CPSK, 30 Hz) SG NR (PFT-0DD 5.84 9.80 19924 AAB SG NR (DFT-0CPM, 1007, RB, 20MHz, CPSK, 30 Hz) SG NR (PFT-0DD 5.84 9.80 19924 AAB SG NR (DFT-0CPM, 1007, RB, 20MHz, CPSK, 30 Hz) SG NR (PFT-0DD 5.94 9.80 19928 AAB SG NR (DFT-0CPM, 1007, RB, 20MHz, CPSK, 30 Hz) SG NR (PFT-0DFM, 1007, RB, 20MHz, CPSK, 15 Hz) SG NR (PFT-0DFM, 178, 5MHz, CPSK, 15 Hz) SG NR (PFT-0DFM, 178, 5MHz, CPSK, 15 Hz) SG NR (PFT-0DFM, 178, 5MHz, CPSK, 15 Hz) SG NR (PFT-0DFM, 178, 20MHz, CPSK, 15 H	10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
19922 AAB 5G NR (DFT-SOFDM, 100%, RB, 30MHz, OPSK, 30 Hz) SG NR PFT TOD 5.82 #9.8 19924 AAB SG NR (DFT-SOFDM, 100%, RB, 30MHz, OPSK, 30 Hz) SG NR PFT TOD 5.84 #9.6 19925 AAB SG NR (DFT-SOFDM, 100%, RB, 40MHz, OPSK, 30 Hz) SG NR PFT TOD 5.84 #9.6 19925 AAB SG NR (DFT-SOFDM, 100%, RB, 40MHz, OPSK, 30 Hz) SG NR PFT TOD 5.84 #9.6 19927 AAB SG NR (DFT-SOFDM, 100%, RB, 40MHz, OPSK, 30 Hz) SG NR PFT TOD 5.84 #9.6 19927 AAB SG NR (DFT-SOFDM, 1788, 50 MHz, OPSK, 15 Hz) SG NR PFT FDD 5.52 #9.6 19987 AAC SG NR (DFT-SOFDM, 1788, 20 MHz, OPSK, 15 Hz) SG NR PFT FDD 5.51 #9.6 19983 AAC SG NR (DFT-SOFDM, 1788, 20 MHz, OPSK, 15 Hz) SG NR PFT FDD 5.51 #9.6 19984 AAC SG NR (DFT-SOFDM, 1788, 20 MHz, OFSK, 15 Hz) SG NR PFT FDD 5.51 #9.6 19984 AAC SG NR (DFT-SOFDM, 1788, 20 MHz, OFSK, 15 Hz) SG NR PFT FDD 5.51 #9.6 19985 <td>10920</td> <td>AAB</td> <td>5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)</td> <td>5G NR FR1 TDD</td> <td>5.87</td> <td>±9.6</td>	10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
1992 AAB 5G NR (DFF-GPCM, 100K, RB, 30MHz, QPSK, 30 Hz) SG NR (DFF-GPCM, 100K, RB, 30MHz, QPSK, 30 Hz) SG NR (DFF-GPCM, 100K, RB, 30MHz, QPSK, 30 Hz) SG NR (DFF-GPCM, 100K, RB, 30MHz, QPSK, 30 Hz) SG NR (DFF-GPCM, 100K, RB, 30MHz, QPSK, 30 Hz) SG NR (DFF-GPCM, 100K, RB, 30MHz, QPSK, 30 Hz) SG NR (DFF-GPCM, 100K, RB, 30MHz, QPSK, 30 Hz) SG NR (DFF-GPCM, 100K, RB, 30MHz, QPSK, 15 Hz) SG NR (DFF-GPCM, 178, SMHz, QPSK, 15 Hz) SG NR (DFF-GPCM, 178, 20 MHz, QPSK, 15 Hz) SG NR (DFF-GPCM, 178, 20 MHz, QPSK, 15 Hz) SG NR (DFF-GPCM, 178, 20 MHz, QPSK, 15 Hz) SG NR (DFF-GPCM, 178, 20 MHz, QPSK, 15 Hz) SG NR (DFF-GPCM, 178, 20 MHz, QPSK, 15 Hz) SG NR (DFF-GPCM, 178, 20 MHz, QPSK, 15 Hz) SG NR (DFF-GPCM, 178, 20 MHz, QPSK, 15 Hz) SG NR (DFF-GPCM, 178, 20 MHz, QPSK, 15 Hz) SG NR (DFF-GPCM, 178, 20 MHz, QPSK, 15 Hz) SG NR (DFF-GPCM, 178, 20 MHz, QPSK, 15 Hz) SG NR (DFF-GPCM, 178, 20 MHz, QPSK, 15 Hz) SG NR (DFF-GPCM, 178, 20 MHz, QPSK, 15 Hz) SG NR (DFF-GPCM, 178, 20 MHz, QPSK, 15 Hz) SG NR (DFF-GPCM, 178, 20 MHz, QPSK, 15 Hz) SG NR (DFF-GPCM, 178, 20 MHz, QPSK, 15 Hz) SG NR (PFF (DFD) 5.51 9.66 19.66 19.66 19.66 19.66 19.66 19.66 19.6	10921	AAB		5G NR FR1 TDD	5.84	±9.6
1982 AAB 5G NR (DFE-OFDM, 100% RB, 60 MH2, OPSK, 03 OH2) 5G NR FRI TDD 5.84 19.6 19825 AAB 5G NR (DFE-OFDM, 100% RB, 60 MH2, OPSK, 03 OH2) 5G NR FRI TDD 5.84 19.6 19826 AAB 5G NR (DFE-OFDM, 100% RB, 60 MH2, OPSK, 15 MH2) 5G NR FRI TDD 5.84 19.6 19828 AAC 5G NR (DFE-OFDM, 108, RB, 80 MH2, OPSK, 15 MH2) 5G NR FRI FDD 5.52 1.66 19838 AAC 5G NR (DFE-OFDM, 18B, 5MH2, OPSK, 15 HH2) 5G NR FRI FDD 5.52 1.66 19838 AAC 5G NR (DFE-OFDM, 18B, 30 MH2, OPSK, 15 HH2) 5G NR FRI FDD 5.51 1.86 19838 AAC 5G NR (DFE-OFDM, 18B, 30 MH2, OPSK, 15 HH2) 5G NR FRI FDD 5.51 1.86 19838 AAC 5G NR (DFE-OFDM, 18B, 30 MH2, OPSK, 15 HH2) 5G NR FRI FDD 5.51 1.86 19888 AAC 5G NR (DFE-OFDM, 18B, 30 MH2, OPSK, 15 HH2) 5G NR FRI FDD 5.51 1.86 19888 AAC 5G NR (DFE-OFDM, 30% RB, 30 MH2, OPSK, 15 HH2) 5G NR FRI FDD 5.51 1.86 19888			· · · · · · · · · · · · · · · · · · ·	5G NR FR1 TDD	5.82	±9.6
19282 AAB 5G NR JOPT-OPTM, 100% RB, 50 MHz, OPSK, 30 Hz) 5G NR JPT-TOD 5.96 19.87 19286 AAB 5G NR JOPT-OPTM, 100% RB, 80 MHz, OPSK, 30 Hz) 5G NR JPT TDD 5.94 19.6 19287 AAB 5G NR JOPT-OPTM, 100% RB, 80 MHz, OPSK, 15 Hz) 5G NR JPT TDD 5.52 1.86 19888 AAC 5G NR JDPT-OPDM, 1RB, 5MHz, OPSK, 15 Hz) 5G NR JPT TDD 5.52 1.86 10881 AAC 5G NR JDPT-OPDM, 1RB, 20 MHz, OPSK, 15 Hz) 5G NR JPT TDD 5.51 1.96 10982 AAC 5G NR JDPT-OPDM, IRB, 20 MHz, OPSK, 15 Hz) 5G NR JPT TDD 5.51 1.96 10983 AAC 5G NR JDPT-OPDM, IRB, 20 MHz, OPSK, 15 Hz) 5G NR JPT TDD 5.51 1.96 10984 AAC 5G NR JDPT-OPDM, IRB, 20 MHz, OPSK, 15 Hz) 5G NR JPT TDD 5.51 1.96 10985 AAC 5G NR JDPT-OPDM, SRB, 8D MHZ, OPSK, 15 Hz) 5G NR JPT TDD 5.52 1.96 10984 AAC 5G NR JDPT-OPDM, SRB, 8D MHZ, OPSK, 15 Hz) 5G NR JPT TDD 5.52 1.96 1.95 10984	J				5.84	±9.6
1982 AAB SCN NR (DFT-CPUM, 100%, RB, SOMH2, OPSK, 30 H4) SGN NR FRI TDD 5.44 49.6 1982 AAC SGN NR (DFT-CPUM, 101%, RB, SOMH2, OPSK, 15 M42) SGN NR FRI TDD 5.52 19.6 1982 AAC SGN NR (DFT-CPUM, 118, SMH2, OPSK, 15 M42) SGN NR FRI FDD 5.52 19.6 1983 AAC SGN NR (DFT-CPUM, 118, SMH2, OPSK, 15 M42) SGN NR FRI FDD 5.51 19.6 1983 AAC SGN NR (DFT-CPUM, 118, SMH2, OPSK, 15 M42) SGN NR FRI FDD 5.51 19.6 1983 AAC SGN NR (DFT-CPUM, 118, SMH2, OPSK, 15 M42) SGN NR FRI FDD 5.51 19.6 1983 AAC SGN NR (DFT-CPUM, 118, SMH2, OPSK, 15 M42) SGN NR FRI FDD 5.51 19.6 1983 AAC SGN NR (DFT-CPUM, SMR, RB, SMH2, OPSK, 15 M42) SGN NR FRI FDD 5.50 19.6 1984 AAC SGN NR (DFT-CPUM, SMR, RB, SMH2, OPSK, 15 M42) SGN NR FRI FDD 5.80 19.6 1984 AAC SGN NR (DFT-CPUM, SMR, RB, SMH2, OPSK, 15 M42) SGN NR FRI FDD 5.80 19.6 1988 <t< td=""><td>J</td><td></td><td></td><td></td><td></td><td></td></t<>	J					
19827 AAB 5G NR (DFT=-OFDM, 198, 5ML, OPSK, 15 H4b) 5G NR 1PT FDD 5.24 4.9.6 19828 AAC 5G NR (DFT=-OFDM, 188, 5MLR, OPSK, 15 H4b) 5G NR 1PT FDD 5.52 1.9.6 19820 AAC 5G NR (DFT=-OFDM, 188, 5MLR, OPSK, 15 H4b) 5G NR 1PT FDD 5.51 1.9.6 19831 AAC 5G NR (DFT=-OFDM, 188, 5MLR, OPSK, 15 H4b) 5G NR 1PT FDD 5.51 1.9.6 19832 AAC 5G NR (DFT=-OFDM, 188, 30 M4z, OPSK, 15 H4b) 5G NR 1PT FDD 5.51 1.9.6 19833 AAC 5G NR (DFT=-OFDM, 188, 30 M4z, OPSK, 15 H4b) 5G NR 1PT FDD 5.51 1.9.6 19835 AAD 5G NR (DFT=-OFDM, 5VR, 81, 5MHz, OPSK, 15 H4b) 5G NR 1PT FDD 5.51 1.9.6 19836 AAD 5G NR (DFT=-OFDM, 5VR, 81, 5MHz, OPSK, 15 H4b) 5G NR 1PT FDD 5.51 1.9.6 19837 AAC 5G NR (DFT=-OFDM, 5VR, 81, 5MHz, OPSK, 15 H4b) 5G NR FRI FDD 5.80 1.9.6 19838 AAC 5G NR (DFT=-OFDM, 5VR, 81, 5MHz, OPSK, 15 H4b) 5G NR FRI FDD 5.80 1.9.6 19848	<u>}</u>				· ·	
10928 AAC 5Q, NR, IDFF4-OFDM, 1RB, SMH2, QPSK, 15 HH2) 5G NR FR1 FDD 5.52 1.96 10929 AAC 5G NR IDFF4-OFDM, 1RB, SMH4, QPSK, 15 HH2) 5G NR FR1 FDD 5.52 1.96 10929 AAC 5G NR IDFF4-OFDM, 1RB, 20MH2, QPSK, 15 HH2) 5G NR FR1 FDD 5.52 1.96 10921 AAC 5G NR IDFF4-OFDM, 1RB, 20MH2, QPSK, 15 HH2) 5G NR FR1 FDD 5.51 4.96 10932 AAC 5G NR IDFF4-OFDM, 1RB, 20MH2, QPSK, 15 HH2) 5G NR FR1 FDD 5.51 4.96 10933 AAC 5G NR IDFF4-OFDM, 1RB, 20MH2, QPSK, 15 HH2) 5G NR FR1 FDD 5.51 4.96 10938 AAC 5G NR IDFF4-OFDM, 59% RB, 10MH2, QPSK, 15 HH2) 5G NR FR1 FDD 5.50 4.96 10938 AAC 5G NR IDFF4-OFDM, 59% RB, 20MH2, QPSK, 15 HH2) 5G NR FR1 FDD 5.50 4.96 10938 AAC 5G NR IDFF4-OFDM, 59% RB, 20MH2, QPSK, 15 HH2) 5G NR FR1 FDD 5.52 4.96 10940 AAC 5G NR IDFF4-OFDM, 59% RB, 20MH2, QPSK, 15 HH2) 5G NR FR1 FDD 5.82 4.96 1.96 1.96	L	·				
1982 AAC EGN RN [DFE-OFDM, 188, 10MHz, 0PSK, 15 kHz] EGN RF FIF DD 5.52 4.96 1983 AAC EGN RI [DFE-OFDM, 188, 20MHz, 0PSK, 15 kHz] EGN RF FIF DD 5.51 4.96 1983 AAC EGN RI [DFE-OFDM, 188, 20MHz, 0PSK, 15 kHz] EGN RF FIF DD 5.51 4.96 1983 AAC EGN RI [DFE-OFDM, 188, 20MHz, 0PSK, 15 kHz] EGN R FIF IPD 5.51 4.96 1983 AAC EGN RI [DFE-OFDM, 188, 20MHz, 0PSK, 15 kHz] EGN R FIF IPD 5.51 4.96 1983 AAC EGN RI [DFE-OFDM, 188, 20MHz, 0PSK, 15 kHz] EGN RI FIF IPD 5.51 4.96 1983 AAC EGN RI [DFE-OFDM, 50% RB, 50 MHz, 0PSK, 15 kHz] EGN RI FIF IPD 5.50 4.96 1983 AAC EGN RI [DFE-OFDM, 50% RB, 50 MHz, 0PSK, 15 kHz] EGN RI FIF IPD 5.50 4.96 1983 AAC EGN RI [DFE-OFDM, 50% RB, 50 MHz, 0PSK, 15 kHz] EGN RI FIF IPD 5.80 4.96 1984 AAC EGN RI [DFE-OFDM, 50% RB, 50 MHz, 0PSK, 15 kHz] EGN RI FIF IPD 5.88 4.96 1984						
19980 AAC 6 G NR IDFT=-OFDM, 1 RB, 30MHz, OPSK, 15 KHz) 5 G NR FR1 FDD 5.5z 1.96 19981 AAC 5 G NR [DFT=-OFDM, 1 RB, 30MHz, QPSK, 15 KHz) 5 G NR FR1 FDD 5.51 4.96 19832 AAC 5 G NR [DFT=-OFDM, 1 RB, 30MHz, QPSK, 15 KHz) 5 G NR FR1 FDD 5.51 4.96 19838 AAC 5 G NR [DFT=-OFDM, 1 RB, 40MHz, QPSK, 15 KHz) 5 G NR FR1 FDD 5.51 4.96 19986 AAC 5 G NR [DFT=-OFDM, 5 RB, 76 MHz, QPSK, 15 KHz) 5 G NR FR1 FDD 5.50 4.96 19987 AAC 5 G NR [DFT=-OFDM, 50% RB, 70 MHz, QPSK, 15 KHz) 5 G NR FR1 FDD 5.80 4.96 19988 AAC 5 G NR [DFT=-OFDM, 50% RB, 70 MHz, QPSK, 15 KHz) 5 G NR FR1 FDD 5.82 4.96 19988 AAC 5 G NR [DFT=-OFDM, 50% RB, 70 MHz, QPSK, 15 KHz) 5 G NR FR1 FDD 5.82 4.96 19988 AAC 5 G NR [DFT=-OFDM, 50% RB, 70 MHz, QPSK, 15 KHz) 5 G NR FR1 FDD 5.82 4.96 19984 AAC 5 G NR [DFT=-OFDM, 50% RB, 70 MHz, QPSK, 15 KHz) 5 G NR FR1 FDD 5.84 4.96				<u>í</u>		
1931 AAC 6 G NR IDFF5-OFDM, 18 B, 20MHz, OPSK, 15 KHz) 5 G NR FR1 FDD 5.51 4.96 1932 AAC 5 G NR [DFF5-OFDM, 1 BB, 30 MHz, OPSK, 15 KHz) 5 G NR FR1 FDD 5.51 4.96 1933 AAC 5 G NR [DFF5-OFDM, 1 BB, 30 MHz, OPSK, 15 KHz) 5 G NR FR1 FDD 5.51 4.96 19385 AAD 5 G NR [DFF5-OFDM, 1 BB, 30 MHz, OPSK, 15 KHz) 5 G NR FR1 FDD 5.51 4.96 19385 AAD 5 G NR [DFF5-OFDM, 50% RB, 5 MHz, OPSK, 15 KHz) 5 G NR FR1 FDD 5.50 4.96 19383 AAC 5 G NR [DFF5-OFDM, 50% RB, 5 MHz, OPSK, 15 KHz) 5 G NR FR1 FDD 5.80 4.96 19383 AAC 5 G NR [DFF5-OFDM, 50% RB, 5 MHz, OPSK, 15 KHz) 5 G NR FR1 FDD 5.82 4.96 19384 AAC 5 G NR [DFF5-OFDM, 50% RB, 50 MHz, OPSK, 15 KHz) 5 G NR FR1 FDD 5.88 4.96 19444 AAC 5 G NR [DFF6-OFDM, 50% RB, 50 MHz, OPSK, 15 KHz) 5 G NR FR1 FDD 5.85 4.96 19444 AAC 5 G NR [DFF6-OFDM, 50% RB, 50 MHz, OPSK, 15 KHz) 5 G NR FR1 FDD 5.85 4.96			· · · · · · · · · · · · · · · · · · ·			
10932 AAC 5G NR FPT-DCPEM, 1 BR, 25MHz, QPSK, 15 Hz) 5G NR FPT FDD 5.51 1.9.6 10933 AAC 5G NR FPT FDD 5.51 1.9.6 1.9.6 10934 AAC 5G NR FPT FDD 5.51 1.9.6 10935 AAC 5G NR FPT FDD 5.51 1.9.6 10936 AAC 5G NR (DFT-4-OFDM, 1 R8, 40MHz, QPSK, 15 Hz) 5G NR FPT FDD 5.00 1.9.6 10937 AAC 5G NR (DFT-4-OFDM, 50% R8, 10MHz, QPSK, 15 Hz) 5G NR FPT FDD 5.80 1.9.6 10938 AAC 5G NR (DFT-4-OFDM, 50% R8, 20 MHz, QPSK, 15 Hz) 5G NR FPT FDD 5.82 1.9.6 10940 AAC 5G NR (DFT-4-OFDM, 50% R8, 20 MHz, QPSK, 15 Hz) 5G NR FPT FDD 5.83 1.9.6 10941 AAC 5G NR (DFT-4-OFDM, 50% R8, 20 MHz, QPSK, 15 Hz) 5G NR FPT FDD 5.83 1.9.6 10944 AAC 5G NR (DFT-6-OFDM, 50% R8, 50 MHz, QPSK, 15 Hz) 5G NR FPT FDD 5.81 1.9.6 10944 AAC 5G NR (DFT-6-OFDM, 100% R8, 50 MHz, QPSK, 15 Hz) 5G NR (PT FDD 5.81 1			······································	}		
10333 AAC 5G NR (PFT=-OFDM, 1 RB, 30 MHz, QPSK, 15 KHz) 5G NR PR1 FDD 5.51 19.6 10334 AAC 5G NR (DFT=-OFDM, 1 RB, 30 MHz, QPSK, 15 KHz) 5G NR PR1 FDD 5.51 19.6 10385 AAC 5G NR (DFT=-OFDM, 57K, 85, 50K, 72, QPSK, 15 KHz) 5G NR PR1 FDD 5.77 19.6 10387 AAC 5G NR (PT=-OFDM, 57K, 85, 10 MHz, QPSK, 15 KHz) 5G NR PR1 FDD 5.90 19.6 10393 AAC 5G NR (DFT=-OFDM, 50%, RB, 20 MHz, QPSK, 15 KHz) 5G NR PR1 FDD 5.82 19.6 10393 AAC 5G NR (DFT=-OFDM, 50%, RB, 20 MHz, QPSK, 15 KHz) 5G NR PR1 FDD 5.83 19.6 10394 AAC 5G NR (DFT=-OFDM, 50%, RB, 20 MHz, QPSK, 15 KHz) 5G NR PR1 FDD 5.85 19.6 10344 AAC 5G NR (DFT=-OFDM, 50%, RB, 20 MHz, QPSK, 15 KHz) 5G NR PR1 FDD 5.85 19.6 10344 AAC 5G NR (DFT=-OFDM, 100%, RB, 20 MHz, QPSK, 15 KHz) 5G NR PR1 FDD 5.85 19.6 10344 AAC 5G NR (DFT=-OFDM, 100%, RB, 20 MHz, QPSK, 15 KHz) 5G NR PR1 FDD 5.87 19.6				•••••••• ••••••••••••••••••••••••••••		
10936 AAC 5G NR (PT=-OFDM, 1B, 40MHz, QPSK, 15 KHz) 5G NR FRI FDD 5.51 1.96 10936 AAC 5G NR (PT=-OFDM, 15G MHz, QPSK, 15 KHz) 5G NR FRI FDD 5.51 1.96 10937 AAC 5G NR (PT=-OFDM, 50% RB, 5MHz, QPSK, 15 KHz) 5G NR FRI FDD 5.90 4.96 10938 AAC 5G NR (PT=-OFDM, 50% RB, 15MHz, QPSK, 15 KHz) 5G NR FRI FDD 5.80 4.96 10938 AAC 5G NR (PT=-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz) 5G NR FRI FDD 5.89 4.96 10940 AAC 5G NR (PT=-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz) 5G NR FRI FDD 5.83 4.96 10941 AAC 5G NR (PT=-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz) 5G NR FRI FDD 5.83 4.96 10942 AAC 5G NR (PT=-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz) 5G NR FRI FDD 5.81 4.96 10944 AAC 5G NR (PT=-OFDM, 100% RB, 5NHz, QPSK, 15 KHz) 5G NR FRI FDD 5.81 4.96 10944 AAC 5G NR (PT=-OFDM, 100% RB, 5MHz, QPSK, 15 KHz) 5G NR FRI FDD 5.81 4.96 10944 <			· · · · · · · · · · · · · · · · · · ·			
19385 AAD 6G NR IDFT=-OFDM, 50% RB, 5MHz, OPSK, 15 kHz) 6G NR FRI FDD 5.51 4.9.6 19383 AAC 5G NR IDFT=-OFDM, 50% RB, 5MHz, OPSK, 15 kHz) 5G NR RFI FDD 5.77 4.9.6 19383 AAC 5G NR IDFT=-OFDM, 50% RB, 10 MHz, OPSK, 15 kHz) 5G NR FRI FDD 5.90 4.9.6 19389 AAC 5G NR IDT=-OFDM, 50% RB, 20 MHz, OPSK, 15 kHz) 5G NR FRI FDD 5.82 4.9.6 19404 AAC 5G NR IDT=-OFDM, 50% RB, 20 MHz, OPSK, 15 kHz) 5G NR FRI FDD 5.89 4.9.6 19414 AAC 5G NR IDT=-OFDM, 50% RB, 30 MHz, OPSK, 15 kHz) 5G NR FRI FDD 5.86 4.9.6 1942 AAC 5G NR IDT=-OFDM, 50% RB, 50 MHz, OPSK, 15 kHz) 5G NR FRI FDD 5.86 4.9.6 19434 AAC 5G NR IDT=-OFDM, 100% RB, 50 MHz, OPSK, 15 kHz) 5G NR FRI FDD 5.81 4.9.6 19444 AAC 5G NR IDT=-OFDM, 100% RB, 50 MHz, OPSK, 15 kHz) 5G NR FRI FDD 5.83 4.9.6 19454 AAC 5G NR IDT=-OFDM, 100% RB, 20 MHz, OPSK, 15 kHz) 5G NR FRI FDD 5.87 4.9.6						
10383 AAC 6G NR (DFT=-0FDM, 50%, RB, 5MHz, QPSK, 15 kHz) 5G NR (DFT=-0FDM, 50%, RB, 10MHz, QPSK, 15 kHz) 5G NR (DFT=-0FDM, 50%, RB, 10MHz, QPSK, 15 kHz) 5G NR (DFT=-0FDM, 50%, RB, 15MHz, QPSK, 15 kHz) 5G NR (DFT=-0FDM, 50%, RB, 20MHz, QPSK, 15 kHz) 5G NR (DFT=-0FDM, 50%, RB, 20MHz, QPSK, 15 kHz) 5G NR (DTT=-0FDM, 50%, RB, 20MHz, QPSK, 15 kHz) 5G NR (DTT=-0FDM, 50%, RB, 20MHz, QPSK, 15 kHz) 5G NR (DTT=-0FDM, 50%, RB, 20MHz, QPSK, 15 kHz) 5G NR (DTT=-0FDM, 50%, RB, 20MHz, QPSK, 15 kHz) 5G NR (DTT=-0FDM, 50%, RB, 20MHz, QPSK, 15 kHz) 5G NR (DTT=-0FDM, 50%, RB, 20MHz, QPSK, 15 kHz) 5G NR (DTT=-0FDM, 50%, RB, 20MHz, QPSK, 15 kHz) 5G NR (DTT=-0FDM, 50%, RB, 50MHz, QPSK, 15 kHz) 5G NR (DTT=-0FDM, 50%, RB, 50MHz, QPSK, 15 kHz) 5G NR (DTT=-0FDM, 50%, RB, 50MHz, QPSK, 15 kHz) 5G NR (DTT=-0FDM, 50%, RB, 50MHz, QPSK, 15 kHz) 5G NR (DTT=-0FDM, 50%, RB, 50MHz, QPSK, 15 kHz) 5G NR (DTT=-0FDM, 100%, RB, 20MHz, QPSK, 15 kHz) 5G NR (DTT=-0FDM, 100%, RB, 20MHz, QPSK, 15 kHz) 5G NR (DTT=-0FDM, 100%, RB, 20MHz, QPSK, 15 kHz) 5G NR (DTT=-0FDM, 100%, RB, 20MHz, QPSK, 15 kHz) 5G NR (PT = 1FDD 5.87 49.6 10949 AAC 5G NR (DTT=-0FDM, 100%, RB, 20MHz, QPSK, 15 kHz) 5G NR (PT = 1FDD 5.81 49.6 10947 AAC 5G NR (DTT=-0FDM, 100%, RB, 20MHz, QPSK, 15 kHz) 5G NR (PT = 1FDD 5.82 49.6 10948 AAC						
10937 AAC 6G NR RD FT=-0FDM, 50% RB, 10MHz, QPSK, 15 KHz) 6G NR FR1 FDD 5.77 19.6 10938 AAC 5G NR (DFT=-0FDM, 50% RB, 15 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.82 19.6 10939 AAC 5G NR (DFT=-0FDM, 50% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.89 19.6 10941 AAC 5G NR (DFT=-0FDM, 50% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.88 19.6 10942 AAC 5G NR (DFT=-0FDM, 50% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.85 19.6 10944 AAC 5G NR (DFT=-0FDM, 50% RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.85 19.6 10944 AAC 5G NR (DFT=-0FDM, 100% RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.81 19.6 10944 AAC 5G NR (DFT=-0FDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.81 19.6 10944 AAC 5G NR (DFT=-0FDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.87 19.6 10944 AAC 5G NR (DFT=-0FDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.87 19.6	I					
10383 AAC 5G NR PG1F3-OFDM, 50% RB, 16 MHz, QPSK, 15 KHz) 5G NR PG1 FDD 5.82 ±9.6 10393 AAC 5G NR (DFF3-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz) 5G NR PG1 FDD 5.82 ±9.6 10940 AAC 5G NR (DFF3-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz) 5G NR PG1 FDD 5.83 ±9.6 10941 AAC 5G NR (DFF3-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz) 5G NR PG1 FDD 5.83 ±9.6 10942 AAC 5G NR (DFF3-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz) 5G NR FG1 FDD 5.85 ±9.6 10944 AAC 5G NR (DFF3-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) 5G NR FG1 FDD 5.81 ±9.6 10944 AAC 5G NR (DFF3-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) 5G NR FG1 FDD 5.83 ±9.6 10948 AAC 5G NR (DFF3-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FG1 FDD 5.87 ±9.6 10944 AAC 5G NR (DFF3-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FG1 FDD 5.87 ±9.6 10945 AAC 5G NR (DFF3-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FG1 FDD 5.87 ±9.6						
1040 AAC 5G NR (DFT=0-FDM, 50% RB, 25 MHz, OPSK, 15 KHz) 5G NR FP1 FDD 5.89 ±9.6 10941 AAC 5G NR (DFT=0-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz) 5G NR R1 FDD 5.83 ±9.6 10942 AAC 5G NR (DFT=0-OFDM, 50% RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.85 ±9.6 10944 AAC 5G NR (DFT=0-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.85 ±9.6 10944 AAC 5G NR (DFT=0-OFDM, 100% RB, 15MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.82 ±9.6 10946 AAC 5G NR (DFT=0-OFDM, 100% RB, 15MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAC 5G NR (DFT=0-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.97 ±9.6 10948 AAC 5G NR (DFT=0-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.97 ±9.6 10945 AAC 5G NR (DFT=0-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.92 ±9.6 10950 AAC 5G NR RD L(2P-OFDM, 103%, RB, 50 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.92 ±9.6				+		
10941 AAC 5G NR (DFT->OFDM, 50% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.83 ±9.6 10942 AAC 5G NR (DFT->OFDM, 50% RB, 40 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.85 ±9.6 10944 AAC 5G NR (DFT->OFDM, 100% RB, 5MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.81 ±9.6 10944 AAC 5G NR (DFT->OFDM, 100% RB, 5MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.83 ±9.6 10946 AAC 5G NR (DFT->OFDM, 100% RB, 15 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAC 5G NR (DFT->OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.83 ±9.6 10949 AAC 5G NR (DFT->OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAC 5G NR (DFT->OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.87 ±9.6 10951 AAD 5G NR (DFT->OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.82 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 KHz) 5G NR FR1 FDD 5.82 ±9.6	10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.6
10942 AAC 5G NR (DFT=-OFDM, 50% RB, 40 MHz, OPSK, 15 KHz) 5G NR R1 FDD 5.85 ±9.6 10944 AAD 5G NR (DFT=-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) 5G NR R1 FDD 5.85 ±9.6 10944 AAC 5G NR (DFT=-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz) 5G NR R1 FDD 5.83 ±9.6 10945 AAC 5G NR (DFT=-OFDM, 100% RB, 10 MHz, QPSK, 15 KHz) 5G NR R1 FDD 5.83 ±9.6 10947 AAC 5G NR (DFT=-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR R1 FDD 5.83 ±9.6 10948 AAC 5G NR (DFT=-OFDM, 100% RB, 20 MHz, QPSK, 15 KHz) 5G NR R1 FDD 5.94 ±9.6 10949 AAC 5G NR (DFT=-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz) 5G NR R1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFT=-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) 5G NR R1 FDD 5.92 ±9.6 10951 AAD 5G NR R0 (DFT=-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz) 5G NR R1 FDD 5.92 ±9.6 10952 AAA 5G NR R1 FDD 5.92 ±9.6 10955 AAA 5G NR R1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM,	10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6
10943 AAD 5G NR (DFTs-OFDM, 50% RB, 50MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.95 ±9.6 10944 AAC 6G NR (DFTs-OFDM, 100% RB, 5MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.81 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 15MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.83 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.84 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.84 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15 KHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, QFSK, 15 KHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, QFSK, 15 KHz) 5G NR FR1 FDD 8.22 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 KHz) 5G NR	10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10944 AAC 5G NR (DFTs-OFDM, 100% RB, 5MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.81 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 10MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10951 AAA 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6	10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10945 AAC 5G NR (DFTs-OFDM, 100% RB, 10MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 10MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAC 5G NR FR1 FDD 5.87 ±9.6 10949 AAC 5G NR FR1 FDD 5.87 ±9.6 10949 AAC 5G NR FR1 FDD 5.94 ±9.6 10949 AAC 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR FR1 FDD 5.94 ±9.6 10951 AAD 5G NR FN1 FDD 5.92 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.14 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)		AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6
10946 AAC 5G NR (DFTs-OFDM, 100% RB, 15MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.44 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.41 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) <td></td> <td></td> <td></td> <td>5G NR FR1 FDD</td> <td></td> <td>±9.6</td>				5G NR FR1 FDD		±9.6
10947 AAC 5G NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAC 5G NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10949 AAC 5G NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10951 AAD 5G NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.44 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.41 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30						<u>.</u>
10948 AAC 5G NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 8.22 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.41 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30						
10949 AAC 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.44 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 1						
10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAD 5G NR FR1 FDD 5.92 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.32		1		L	1	
10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.33 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 9.32 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QA				1		
10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10950 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-		· · · · · · · · · · · · · · · · · · ·		·····		
10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 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 9.32 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz,		1				
10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 50 Hz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ±9.6 10964 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 6		4	· · · · · · · · · · · · · · · · · · ·			
10955 AAA 5G NR PL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10950 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6<						
10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QA						
10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 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, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 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, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz,					1	
10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.40 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±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, 20 MHz, 6					ł	
10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 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, 10 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 9.42 ±9.6 10972 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM	10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±9.6
10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 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, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±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 9.42 ±9.6 10972 AAB 5G NR (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, 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		AAA		5G NR FR1 FDD	8.33	±9.6
10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 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, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10972 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06 ±9.6 10974 AAB 5G NR (CP-OFDM, 1 RB, 100 MHz, 256-QAM, 30 kHz			······			
10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±9.6 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 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, TM 3.1, 100 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10974 AAB 5G NR (CP-OFDM, 1 RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 <						
10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37 ±9.6 10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 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 OL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 11.59 ±9.6 10972 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6						
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, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10972 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA BDR ULLA 1.16 ±9.6 10979 AAA ULLA HDR4 ULLA 8.58 ±9.6 10980 AAA ULLA HDR8				.1	·····	
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, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10972 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA BDR ULLA 1.16 ±9.6 10979 AAA ULLA HDR4 ULLA 8.58 ±9.6 10980 AAA ULLA HDR8 ULLA 3.19 ±9.6			<u> </u>			
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 OL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10972 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA BDR ULLA 1.16 ±9.6 10979 AAA ULLA HDR4 ULLA 8.58 ±9.6 10980 AAA ULLA HDR8 ULLA 3.19 ±9.6				1		
10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10972 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 9.06 ±9.6 10974 AAB 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA BDR ULLA 1.16 ±9.6 10979 AAA ULLA HDR4 ULLA 8.58 ±9.6 10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDR94 ULLA 3.19 ±9.6						
10972 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59 ±9.6 10973 AAB 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06 ±9.6 10974 AAB 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA BDR ULLA 1.16 ±9.6 10979 AAA ULLA HDR4 ULLA 8.58 ±9.6 10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDR94 ULLA 3.19 ±9.6						
10973 AAB 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06 ±9.6 10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA BDR ULLA 1.16 ±9.6 10979 AAA ULLA HDR4 ULLA 1.16 ±9.6 10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDR94 ULLA 3.19 ±9.6			· · · · · · · · · · · · · · · · · · ·		f	
10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28 ±9.6 10978 AAA ULLA BDR ULLA 1.16 ±9.6 10979 AAA ULLA HDR4 ULLA 1.16 ±9.6 10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDR94 ULLA 3.19 ±9.6						
10978 AAA ULLA BDR ULLA 1.16 ±9.6 10979 AAA ULLA HDR4 ULLA 8.58 ±9.6 10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDR94 ULLA 3.19 ±9.6	L			1		
10979 AAA ULLA HDR4 8.58 ±9.6 10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDR94 ULLA 3.19 ±9.6				A		
10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDRp4 ULLA 3.19 ±9.6	h	+		1		
10981 AAA ULLA HDRp4 ULLA 3.19 ±9.6						
10982 AAA ULLA HDRp8 ULLA 3.43 ±9.6				ULLA		
	10982	AAA	ULLA HDRp8	ULLA	3.43	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9,54	±9,6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6

^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





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

Accreditation No.: SCS 0108

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

PC Test Client Certificate No: D3500V2-1126 Jun21 **CALIBRATION CERTIFICATE** Object D3500V2 - SN:1126 KT 🗸 09/13/2022 Calibration procedure(s) QA CAL-22.v6 Calibration Procedure for SAR Validation Sources between 3-10 GHz Calibration date: June 09, 2021 This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate. All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%. Calibration Equipment used (M&TE critical for calibration) Primary Standards ID # Cal Date (Certificate No.) Scheduled Calibration Power meter NRP SN: 104778 09-Apr-21 (No. 217-03291/03292) Apr-22 Power sensor NRP-Z91 SN: 103244 09-Apr-21 (No. 217-03291) Apr-22 Power sensor NRP-Z91 SN: 103245 09-Apr-21 (No. 217-03292) Apr-22 Reference 20 dB Attenuator SN: BH9394 (20k) 09-Apr-21 (No. 217-03343) Apr-22 Type-N mismatch combination SN: 310982 / 06327 09-Apr-21 (No. 217-03344) Apr-22 Reference Probe EX3DV4 SN: 3503 30-Dec-20 (No. EX3-3503 Dec20) Dec-21 DAE4 SN: 601 02-Nov-20 (No. DAE4-601 Nov20) Nov-21 Secondary Standards ID # Check Date (in house) Scheduled Check Power meter E4419B SN: GB39512475 30-Oct-14 (in house check Oct-20) In house check: Oct-22 Power sensor HP 8481A SN: US37292783 07-Oct-15 (in house check Oct-20) In house check: Oct-22 Power sensor HP 8481A SN: MY41092317 07-Oct-15 (in house check Oct-20) In house check: Oct-22 RF generator R&S SMT-06 SN: 100972 15-Jun-15 (in house check Oct-20) In house check: Oct-22 Network Analyzer Agilent E8358A SN: US41080477 31-Mar-14 (in house check Oct-20) In house check: Oct-21 Name Function Signature Calibrated by: Michael Weber Laboratory Technician Approved by: Katja Pokovic Technical Manager

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

Calibration Laboratory of

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





S

Schweizerischer Kalibrierdienst

Service suisse d'étalonnage С

Servizio svizzero di taratura S

Swiss Calibration Service

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

Glossanv

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

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

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

Accreditation No.: SCS 0108

Measurement Conditions

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

DASY Version	DASY5	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	3500 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	37.9	2.91 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	37.1 ± 6 %	2.92 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		·····

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.73 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	67.0 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	na n
SAR measured	100 mW input power	2.51 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	25.0 W/kg ± 19.5 % (k=2)

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	51.3	3.31 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	51.6 ± 6 %	3.29 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C		••••••••••••••••••••••••••••••••••••••

SAR result with Body TSL

SAR averaged over 1 cm ³ (1 g) of Body TSL	Condition	
SAR measured	100 mW input power	6.34 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	63.6 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Body TSL	condition	·
SAR measured	100 mW input power	2.36 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	23.6 W/kg ± 19.5 % (k=2)

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	50.4 Ω - 1.7 jΩ
Return Loss	- 35.0 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	54.2 Ω + 0.8 jΩ
Return Loss	- 27.8 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	4.405
Lieothour Doldy (one uncouoliy)	1.135 ns

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

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

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

Additional EUT Data

Manufactured by	
	SPEAG

DASY5 Validation Report for Head TSL

Date: 09.06.2021

Test Laboratory: SPEAG, Zurich, Switzerland

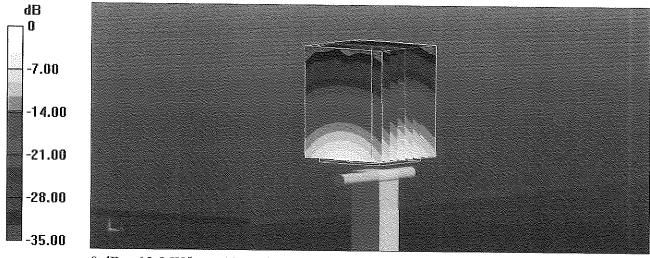
DUT: Dipole 3500 MHz; Type: D3500V2; Serial: D3500V2 - SN:1126

Communication System: UID 0 - CW; Frequency: 3500 MHz Medium parameters used: f = 3500 MHz; $\sigma = 2.92$ S/m; $\epsilon_r = 37.1$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(7.91, 7.91, 7.91) @ 3500 MHz; Calibrated: 30.12.2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 02.11.2020
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Dipole Calibration for Head Tissue/Pin=100 mW, d=10mm, f=3500MHz/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 72.49 V/m; Power Drift = 0.08 dB Peak SAR (extrapolated) = 18.3 W/kg **SAR(1 g) = 6.73 W/kg; SAR(10 g) = 2.51 W/kg** Smallest distance from peaks to all points 3 dB below = 8 mm Ratio of SAR at M2 to SAR at M1 = 73.8% Maximum value of SAR (measured) = 12.8 W/kg



0 dB = 12.8 W/kg = 11.08 dBW/kg

Impedance Measurement Plot for Head TSL

<u>File</u> Vie	ew <u>C</u> hannel	Sweep	Calibration	<u>Trace</u> <u>S</u> ca	le M <u>a</u> rker	S <u>y</u> stem	<u>Wi</u> ndow	Help			
	Ch 1 Avvg≖	20			XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		A	3.500000 26.15 3.500000	i5 pF	-1.73 17.81	122 Ω 386 Ω 2 mU 371 °
Ch1	: Start 3.30000	GHz	٠ 		······	1				Stop 3.70	000 GHz
10.00		· · ·		1					*****		
5.00	88 S11					>	1: 3	3,900000	GHz	-34.98	<u> 16 dB</u>
5.00 0.00						~		3.\$00000	GHz	-34.98	JB dB
5.00						>	1. 3	3.500000	GHz	-34.98	38 dB
5.00 0.00 -5.00						>		3.500000	GHz	-34.98	16 dB
5.00 9.00 -5.00 -10.00 -15.00 -20.00 -25.00						>		3.500000	GHz	-34.98	
5.00 0.00 -5.00 -10.00 -15.00 -20.00						>		3.500000	CHz	-34.98	
5.00 0.00 -5.00 -10.00 -15.00 -20.00 -25.00 -30.00 -35.00 -40.00	68 514	20 20 212						3.500000	GHz	-34.98	

DASY5 Validation Report for Body TSL

Date: 09.06.2021

Test Laboratory: SPEAG, Zurich, Switzerland

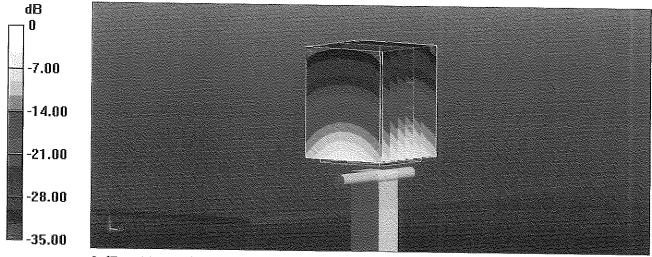
DUT: Dipole 3500 MHz; Type: D3500V2; Serial: D3500V2 - SN:1126

Communication System: UID 0 - CW; Frequency: 3500 MHz Medium parameters used: f = 3500 MHz; $\sigma = 3.29$ S/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(7.46, 7.46, 7.46) @ 3500 MHz; Calibrated: 30.12.2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 02.11.2020
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Dipole Calibration for Body Tissue/Pin=100 mW, d=10mm, f=3500MHz/Zoom Scan , dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 64.24 V/m; Power Drift = -0.02 dB Peak SAR (extrapolated) = 17.0 W/kg SAR(1 g) = 6.34 W/kg; SAR(10 g) = 2.36 W/kg Smallest distance from peaks to all points 3 dB below = 8 mm Ratio of SAR at M2 to SAR at M1 = 75.5% Maximum value of SAR (measured) = 11.9 W/kg



0 dB = 11.9 W/kg = 11.74 dBW/kg

Impedance Measurement Plot for Body TSL

Eile Viev	w <u>C</u> hannel	5w <u>e</u> ep	Calibration	<u>T</u> race <u>S</u> ca	e M <u>a</u> rker	System	<u>W</u> indow	Help				
	Ch 1 Avg =	20			X		Δ	3,50000 34.1 3.50000	10 GHz 218 pH 10 GHz	75: 40	54.154 2.44 m .532 m 9.8529	Ω NU
Ch1:	Start 3,30000	6Hz			~~~ <u>~</u>							
										Stop	3.70000 G	iHz
10.00 5.00	112330					2		3.90000	0 GHz	Stop 2		
10.00 5.00 0.00						2		3.\$0000	0 GHz			
10.00 5.00						2		3.50000	0 GHz			
19.00 5.00 0.00 -5.08 -10.00 -15.00						2		3.90000	0 GHz			
10.00 5.00 0.00 -5.00 -10.00						2		3.50000	0 GHz			
19.00 5.00 0.00 -5.08 -10.00 -15.00								3.\$0000	0 GHz			
10.00 5.00 0.00 -5.08 -10.00 -15.00 -20.00								3.50000	0 CH2			
10.00 5.00 0.00 -5.08 -10.00 -15.00 -20.00 -25.00 -30.90 -35.00									0 GHz			
10.00 5.00 0.00 -5.08 -10.00 -15.00 -20.00 -25.00 -30.80 -35.00 -40.00	Ch 1 Avg =	20								-2:	2.844 d	
10.00 5.00 0.00 -5.00 -10.00 -15.00 -20.00 -25.00 -30.90 -35.00 -40.00	GB \$11	20							0 CHz	-2:		





Certification of Calibration

Object

D3500V2 - SN: 1126

Calibration procedure(s) Procedure for Calibration Extension for SAR Dipoles.

June 9, 2022

Extended Calibration date:

Description:

SAR Validation Dipole at 3500 MHz.

Calibration Equipment used:

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Agilent	8753ES	S-Parameter Vector Network Analyzer	2/11/2022	Annual	2/11/2023	MY40003841
Agilent	N5182A	MXG Vector Signal Generator	5/6/2022	Annual	5/6/2023	MY51240479
Amplifier Research	15S1G6	Amplifier	CBT	N/A	CBT	343972
Anritsu	MA2411B	Pulse Power Sensor	3/2/2022	Annual	3/2/2023	1126066
Anritsu	MA2411B	Pulse Power Sensor	3/28/2022	Annual	3/28/2023	1339007
Anritsu	ML2495A	Power Meter	3/31/2022	Annual	3/31/2023	1138001
Control Company	4353	Long Stem Thermometer	10/28/2020	Biennial	10/28/2022	200670623
Control Company	4040	Therm./Clock/Humidity Monitor	3/12/2021	Biennial	3/12/2023	210202100
Agilent	85033E	3.5mm Standard Calibration Kit	44384	Annual	44749	MY53402352
Mini-Circuits	VLF-6000+	Low Pass Filter DC to 6000 MHz	CBT	N/A	CBT	N/A
Narda	4772-3	Attenuator (3dB)	CBT	N/A	CBT	9406
Mini-Circuits	ZHDC-16-63-S+	Coupler	CBT	N/A	CBT	F709401716
Seekonk	NC-100	Torque Wrench	7/30/2020	Biennial	7/30/2022	22217
SPEAG	DAK-3.5	Portable Dielectric Assessment Kit	10/7/2021	Annual	10/7/2022	1045
SPEAG	EX3DV4	SAR Probe	11/16/2021	Annual	11/16/2022	7639
SPEAG	EX3DV4	SAR Probe	4/22/2022	Annual	4/22/2023	7532
SPEAG	DAE4	Data Acquisition Electronics	11/11/2021	Annual	11/11/2022	1646
SPEAG	DAE4	Data Acquisition Electronics	4/13/2022	Annual	4/13/2023	501

Measurement Uncertainty = $\pm 23\%$ (k=2)

	Name	Function	Signature
Calibrated By:	Parker Jones	Department Manager	Parker Jones
Approved By:	Kaitlin O'Keefe	Managing Director	ROK

Object:	Date Issued:	Page 1 of 4
D3500V2 – SN: 1126	6/9/2022	Page 1 of 4

DIPOLE CALIBRATION EXTENSION

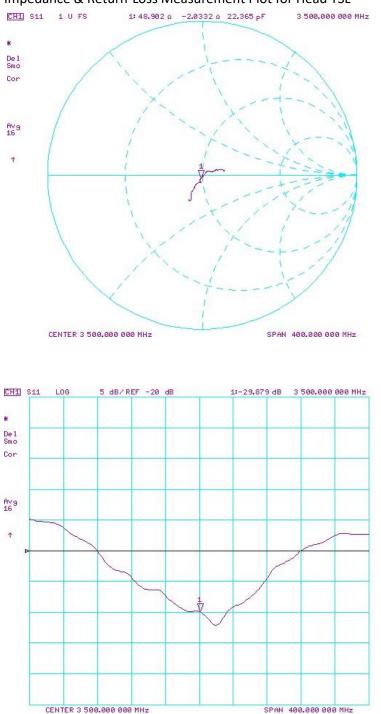
Per KDB 865664 D01, calibration intervals of up to three years may be considered for reference dipoles when it is demonstrated that the SAR target, impedance and return loss of a dipole have remained stable according to the following requirements:

- 1. The measured SAR does not deviate more than 10% from the target on the calibration certificate.
- 2. The return-loss does not deviate more than 20% from the previous measurement and meets the required 20dB minimum return-loss requirement.
- 3. The measurement of real or imaginary parts of impedance does not deviate more than 5Ω from the previous measurement.

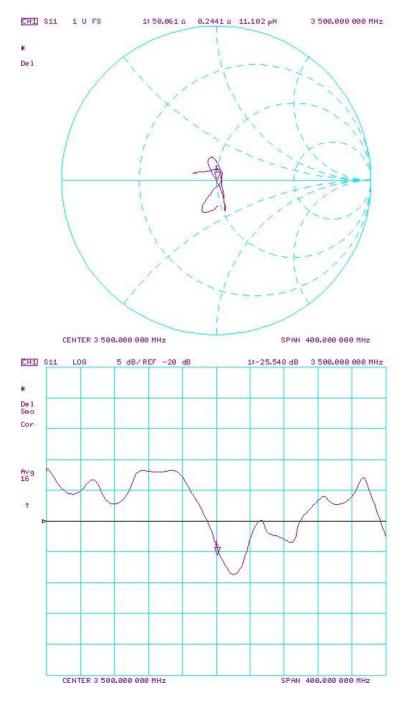
The following dipole was checked to pass the above 3 requirements to have 2-year calibration period from the calibration date:

Date	Extension Date		Head (1g) W/kg @ 20.0 dBm	W/kg @ 20.0 dBm	(%)	Head (10g) W/kg @ 20.0 dBm	(10g) W/kg @ 20.0 dBm	Deviation 10g (%)	Head (Ohm) Real	Measured Impedance Head (Ohm) Real	Difference (Ohm) Real	Certificate Impedance Head (Ohm) Imaginary	Measured Impedance Head (Ohm) Imaginary	Difference (Ohm) Imaginary	Certificate Return Loss Head (dB)	Head (dB)	Deviation (%)	
6/9/2021	6/9/2022	1.135	6.7	6.65	-0.75%	2.5	2.53	1.20%	50.4	48.9	1.5	-1.7	-2	0.3	-35	-29.9	14.60%	PASS
Date	Extension Date		Body (1g) W/kg @ 20.0 dBm	Measured Body SAR (1g) W/kg @ 20.0 dBm	(%)	Body (10g) W/kg @ 20.0 dBm	(10g) W/kg @ 20.0 dBm	Deviation 10g (%)	Body (Ohm) Real	Measured Impedance Body (Ohm) Real	Difference (Ohm) Real	Imaginary	Measured Impedance Body (Ohm) Imaginary	Difference (Ohm) Imaginary	Certificate Return Loss Body (dB)	Body (dB)	Deviation (%)	
6/9/2021	6/9/2022	1.135	6.36	6.64	4.40%	2.36	2.45	3.81%	54.2	50.1	4.1	0.8	0.2	0.6	-27.8	-25.5	8.10%	PASS

Object:	Date Issued:	Page 2 of 4
D3500V2 – SN: 1126	6/9/2022	rage 2 014



Object:	Date Issued:	Page 3 of 4
D3500V2 – SN: 1126	6/9/2022	Page 3 of 4



Impedance & Return-Loss Measurement Plot for Body TSL

Object:	Date Issued:	Page 4 of 4
D3500V2 – SN: 1126	6/9/2022	Faye 4 01 4

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



Schweizerischer Kalibrierdienst S

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

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

Certificate No: D3700V2-1097_Jun21

Accreditation No.: SCS 0108

PC Test Client

CALIBRATION	CERTIFICATE	
Object	D3700V2 - SN:1097	VATA
Calibration procedure(s)	GA CAL-22.v6 Calibration Procedure for SAR Validation Sou	10 5 botween 3-10 GH2
Calibration date:	June 09, 2021	6/9/2022

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	09-Apr-21 (No. 217-03291/03292)	Apr-22
Power sensor NRP-Z91	SN: 103244	09-Apr-21 (No. 217-03291)	Apr-22
Power sensor NRP-Z91	SN: 103245	09-Apr-21 (No. 217-03292)	Apr-22
Reference 20 dB Attenuator	SN: BH9394 (20k)	09-Apr-21 (No. 217-03343)	Apr-22
Type-N mismatch combination	SN: 310982 / 06327	09-Apr-21 (No. 217-03344)	Apr-22
Reference Probe EX3DV4	SN: 3503	30-Dec-20 (No. EX3-3503_Dec20)	Dec-21
DAE4	SN: 601	02-Nov-20 (No. DAE4-601_Nov20)	Nov-21
Secondary Standards	1D #	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-20)	in house check: Oct-22
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-20)	In house check: Oct-22
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-21
	Name	Function	Signature
Calibrated by:	Michael Weber	Laboratory Technician	Milleser
Approved by:	Katja Pokovic	Technical Manager	JURG
			Issued: June 10, 2021

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

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

Glossary:

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

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

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

Accreditation No.: SCS 0108

Measurement Conditions

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

DASY Version	DASY5	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	3700 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	37.7	3.12 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	36.9 ± 6 %	3.08 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition		
SAR measured	100 mW input power	6.82 W/kg	
SAR for nominal Head TSL parameters	normalized to 1W	68.1 W/kg ± 19.9 % (k=2	
SAR averaged over 10 cm^3 (10 g) of Head TSI	condition		
SAR averaged over 10 cm ³ (10 g) of Head TSL SAR measured	condition 100 mW input power	2.46 W/kg	

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	51.0	3.55 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	51.3 ± 6 %	3.50 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C		

SAR result with Body TSL

SAR averaged over 1 cm ³ (1 g) of Body TSL	Condition	
SAR measured	100 mW input power	6.20 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	62.3 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Body TSL	condition	
SAR measured	100 mW input power	2.22 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	22.2 W/kg ± 19.5 % (k=2)

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	47.3 Ω + 0.9 jΩ
Return Loss	- 30.6 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	45.6 Ω + 1.8 jΩ
Return Loss	- 26.1 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.132 ns
	1.152 fts

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

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

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

Additional EUT Data

Manufactured by	SPEAG
	JFEAG

DASY5 Validation Report for Head TSL

Date: 09.06.2021

Test Laboratory: SPEAG, Zurich, Switzerland

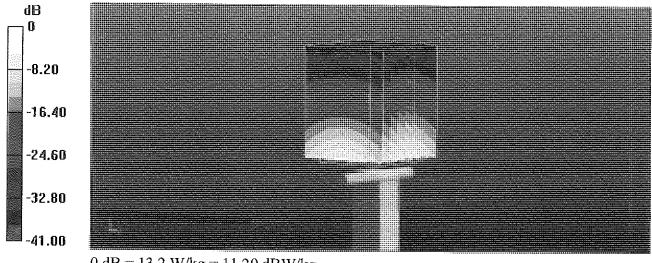
DUT: Dipole 3700 MHz; Type: D3700V2; Serial: D3700V2 - SN:1097

Communication System: UID 0 - CW; Frequency: 3700 MHz Medium parameters used: f = 3700 MHz; $\sigma = 3.08$ S/m; $\epsilon_r = 36.9$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(7.73, 7.73, 7.73) @ 3700 MHz; Calibrated: 30.12.2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 02.11.2020
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Dipole Calibration for Head Tissue/Pin=100 mW, d=10mm, f=3700MHz/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 72.08 V/m; Power Drift = 0.06 dB Peak SAR (extrapolated) = 19.5 W/kg SAR(1 g) = 6.82 W/kg; SAR(10 g) = 2.46 W/kg Smallest distance from peaks to all points 3 dB below = 8 mm Ratio of SAR at M2 to SAR at M1 = 73.7% Maximum value of SAR (measured) = 13.2 W/kg



0 dB = 13.2 W/kg = 11.20 dBW/kg

File	⊻ìew	⊆hannel	Sw <u>e</u> ep	Calibration	<u>T</u> race <u>S</u> cale	Marker	System	. <u>₩</u> indow	Help				
	Ch1: Sta	Ch 1 Avg ≃ nt 3.50000 i	20 GHz		<u> </u>				37	100 GH 1.086 pl 100 GH	-1 86 z 29	47.275 Ω 2.16 mΩ 1.386 mU 161.94 °	
	ហ [រី	B \$11	1				T	.1					
5.0	0						>		3.7000	<u>00 GH</u>	z -3	0.637 dB	
0.0													
-5.0 -10.													-
-15.													
-20.			······································	The second second									
-25.	00 -				·····							1000-00-000 Mar	
-30.	00 -								<u>~</u>				
-35.	1	Ch 1 Avg =	20		+								
40.	00 L. Ch1: Sta	<u>ca i Avg</u> = rt 3.50000 (GHz	~							Stop) 3.90000 GHz	
		neenisteeristeinisteeristeeriste	an a	Management and Anna a									

DASY5 Validation Report for Body TSL

Date: 09.06.2021

Test Laboratory: SPEAG, Zurich, Switzerland

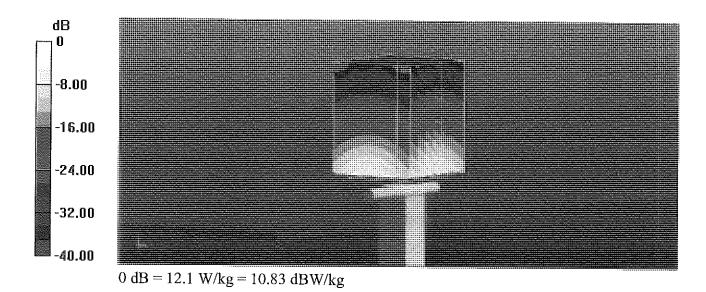
DUT: Dipole 3700 MHz; Type: D3700V2; Serial: D3700V2 - SN: 1097

Communication System: UID 0 - CW; Frequency: 3700 MHz Medium parameters used: f = 3700 MHz; $\sigma = 3.5$ S/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(7.31, 7.31, 7.31) @ 3700 MHz; Calibrated: 30.12.2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 02.11.2020
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Dipole Calibration for Body Tissue/Pin=100 mW, d=10mm, f=3700MHz/Zoom Scan , dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 64.18 V/m; Power Drift = 0.00 dB Peak SAR (extrapolated) = 17.1 W/kg SAR(1 g) = 6.2 W/kg; SAR(10 g) = 2.22 W/kg Smallest distance from peaks to all points 3 dB below = 8 mm Ratio of SAR at M2 to SAR at M1 = 74.7% Maximum value of SAR (measured) = 12.1 W/kg



Impedance Measurement Plot for Body TSL

Eile	⊻iew	⊆hannel	Sweep	Calibration	Trace	Scale	M <u>a</u> rker	System	<u>W</u> indow	Help		
		Ch 1 Avg =	20						A	3.700000 G 77.284 3.700000 G	pH `	15.616 Ω 1.7967 Ω .539 mU 156.64 °
	Ch1: Sta	nt 3.50000 G	iHz				~~~~ <u>~</u>		·		Stop	3.90000 GHz .
10.0 5.00) -	IB STI						>	- version	3.700000 C	Hz -21	8.101 dB
-5.0	0 -											
-15.0		"elananana"	·									
-20.0	00 ∗↓			100 day 100 constant								
-20.0 -25.0 -30.0	00 -			an a	•							
-25.0 -30.0 -35.0 -40.0)0	<u>Ch 1 Avg</u> ≈ rt 3.50000 G	20 Hz					· · · · · · · · · · · · · · · · · · ·			Stee	3.90000 GHz



Element Materials Technology Morgan Hill 18855 Adams Ct, Morgan Hill, CA 95037 USA Tel. +1.410.290.6652 / Fax +1.410.290.6654 http://www.element.com



Certification of Calibration

Object

D3700V2 - SN: 1097

Calibration procedure(s) Procedure for Calibration Extension for SAR Dipoles.

June 09, 2022

Extended Calibration date:

Description: SAR Validation Dipole at 3700 MHz.

Calibration Equipment used:

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Agilent	8753ES	S-Parameter Vector Network Analyzer	12/17/2021	Annual	12/17/2022	MY40000670
Agilent	E4438C	ESG Vector Signal Generator	3/24/2022	Annual	3/24/2023	MY45093678
Amplifier Research	15S1G6	Amplifier	CBT	N/A	CBT	343972
Anritsu	ML2495A	Power Meter	3/17/2022	Annual	3/17/2023	0941001
Anritsu	MA2411B	Pulse Power Sensor	3/2/2022	Annual	3/2/2023	1126066
Anritsu	MA2411B	Pulse Power Sensor	3/28/2022	Annual	3/28/2023	1339007
Traceable	4040 90080-06	Therm./ Clock/ Humidity Monitor	5/11/2022	Biennial	5/11/2024	221514974
Control Company	4353	Long Stem Thermometer		Biennial	10/28/2022	200670633
Agilent	85033E	3.5mm Standard Calibration Kit		Annual	7/7/2022	MY53402352
Mini-Circuits	VLF-6000+	Low Pass Filter DC to 6000 MHz		N/A	CBT	N/A
Narda	4772-3	Attenuator (3dB)	CBT	N/A	CBT	9406
Mini-Circuits	ZHDC-16-63-S+	50-6000MHz Bidirectional Coupler	CBT	N/A	CBT	N/A
Pasternack	NC-100	Torque Wrench	3/19/2022	Annual	3/19/2023	N/A
SPEAG	DAK-3.5	Dielectric Assessment Kit	10/7/2021	Annual	10/7/2022	1045
SPEAG	EX3DV4	SAR Probe	11/16/2021	Annual	11/16/2022	7639
SPEAG	EX3DV4	SAR Probe	4/22/2022	Annual	4/22/2023	7532
SPEAG	DAE4	Dasy Data Acquisition Electronics	11/11/2021	Annual	11/11/2022	1646
SPEAG	DAE4	Dasy Data Acquisition Electronics	4/13/2022	Annual	4/13/2023	501

Measurement Uncertainty = $\pm 23\%$ (k=2)

	Name	Function	Signature
Calibrated By:	Parker Jones	Department Manager	Parker Jones
Approved By:	Kaitlin O'Keefe	Managing Director	ROK

DIPOLE CALIBRATION EXTENSION

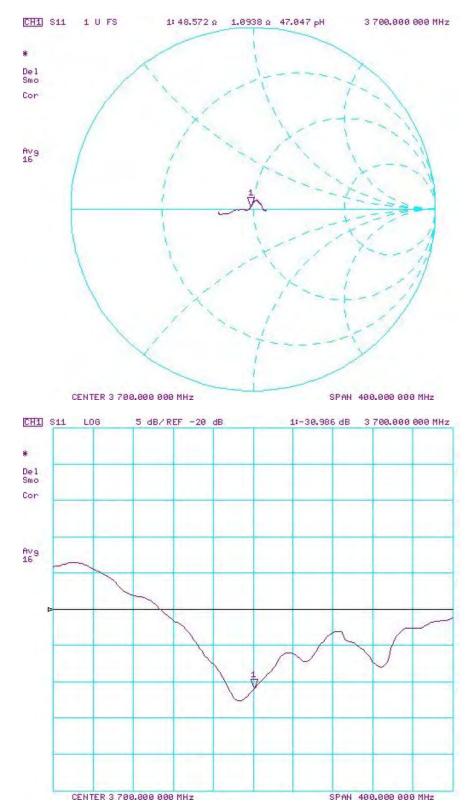
Per KDB 865664 D01, calibration intervals of up to three years may be considered for reference dipoles when it is demonstrated that the SAR target, impedance and return loss of a dipole have remained stable according to the following requirements:

- 1. The measured SAR does not deviate more than 10% from the target on the calibration certificate.
- 2. The return-loss does not deviate more than 20% from the previous measurement and meets the required 20dB minimum return-loss requirement.
- 3. The measurement of real or imaginary parts of impedance does not deviate more than 5Ω from the previous measurement.

The following dipole was checked to pass the above 3 requirements to have 2-year calibration period from the calibration date:

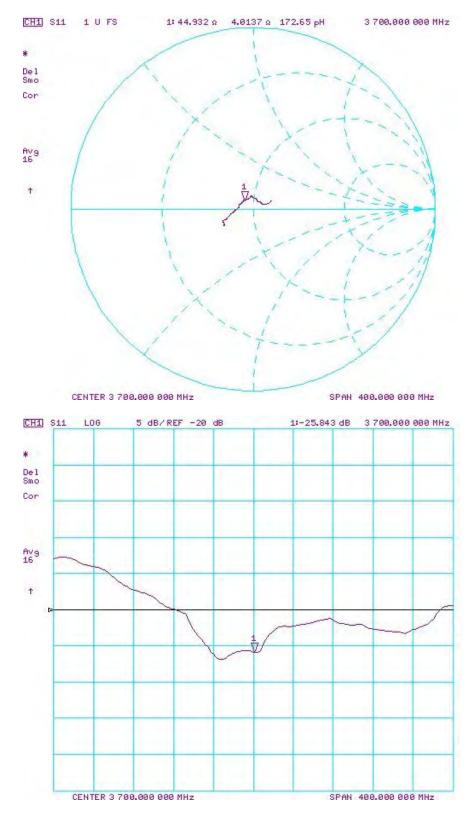
Calibration Date	Extension Date	Certificate Electrical Delay (ns)	Certificate SAR Target Head (1g) W/kg @ 20.0 dBm	Measured Head SAR (1g) W/kg @ 20.0 dBm	Deviation 1g (%)	Certificate SAR Target Head (10g) W/kg @ 20.0 dBm	Measured Head SAR (10g) W/kg @ 20.0 dBm	Deviation 10g (%)	Certificate Impedance Head (Ohm) Real			Certificate Impedance Head (Ohm) Imaginary	Measured Impedance Head (Ohm) Imaginary	Difference (Ohm) Imaginary	Certificate Return Loss Head (dB)			PASS/FAIL
6/9/2021	6/9/2022	1.132	6.81	6.54	-3.96%	2.45	2.4	-2.04%	47.3	48.6	1.3	0.9	1.1	0.2	-30.6	-31	-1.30%	PASS
Calibration Date	Extension Date	Certificate Electrical Delay (ns)	Certificate SAR Target Body (1g) W/kg @ 20.0 dBm	Measured Body SAR (1g) W/kg @ 20.0 dBm	Deviation 1g (%)	Certificate SAR Target Body (10g) W/kg @ 20.0 dBm	Measured Body SAR (10g) W/kg @ 20.0 dBm	Deviation 10g (%)	Certificate Impedance Body (Ohm) Real	Measured Impedance Body (Ohm) Real	Difference (Ohm) Real	Certificate Impedance Body (Ohm) Imaginary	Measured Impedance Body (Ohm) Imaginary	Difference (Ohm) Imaginary	Certificate Return Loss Body (dB)			PASS/FAIL
6/9/2021	6/9/2022	1.132	6.23	6.57	5.46%	2.22	2.37	6.76%	45.6	44.9	0.7	1.8	4	2.2	-26.1	-25.8	1.10%	PASS

Object:	Date Issued:	Page 2 of 4
D3700V2 – SN: 1097	06/09/2022	Page 2 of 4



Impedance & Return-Loss Measurement Plot for Head TSL

Object:	Date Issued:	Daga 2 of 4	
D3700V2 – SN: 1097	06/09/2022	Page 3 of 4	



Impedance & Return-Loss Measurement Plot for Body TSL

Object:	Date Issued:	Page 4 of 4	
D3700V2 – SN: 1097	06/09/2022	Page 4 of 4	