

Appendix G. – Probe Calibration Data

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Calibration Laboratory of Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kalibrierdienst
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S Swiss Calibration Service

Accreditation No.: SCS 0108

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Client

HCT

Gyeonggi-do, Republic of Korea

Cortificate No.

EX-7679_Aug24

CALIBRATION C	ERTIFICATE	곝	당 당 자	마인지
Object	EX3DV4 - SN:7679	741 441/22 31 4	5h /444	CS King
Calibration procedure(s)	QA CAL-01.v10, QA CAL- QA CAL-25.v8 Calibration procedure for o			CAL-23.v6,
Calibration date	August 22, 2024			
	cuments the traceability to national stand incertainties with confidence probability a			
All calibrations have been co	nducted in the closed laboratory facility:	erwironment temp	perature (22 ± 3) °C ar	d humidity < 70%.

Primary Standards	-ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	26 Mar 24 (No. 217-04036/04037)	Mar-25
Power sensor NRP-Z91	SN: 103244	26-Mar-24 (No. 217-04036)	Mar-25
OCP DAK-3.5 (weighted)	SN: 1249	05-Oct-23 (OCP-DAK3.5-1249_Oct23)	Oct-24
OCP DAK-12	SN: 1016	88-Oct-23 (OCP-DAK12-1016_Oct23)	Oct-24
Reference 20 dB Attenuator	SN: CC2552 (20x)	26-Mar-24 (No. 217-04046)	Mar-25
DAE4	SN: 660	23-Feb-24 (No. DAE4-860_Feb24)	Feb-25
Reference Probe EX3DV4	SN: 7349	03-Jun-24 (No. EX3-7349 Jun24)	Jun-25

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
RF generator HP 86480	SN: US3642U01700	04-Aug-99 (in house check Jun-24)	in house check: Jun-26
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

	Name	Function	Signature
Sulfbrated by	Joanna Lleshaj	Laboratory Technician	Heller
Approved by	Sven Kühn	Technical Manager	5-12
			Issued: August 22, 2024

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Glossary

TSL tissue simulating liquid NORMx,y.z sensitivity in free space ConvF sensitivity in TSL / NORMx,y.z DCP diode compression point

CF crest factor (1/duty_cycle) of the RF signal A, B, C, D modulation dependent linearization parameters

Polarization & w rotation around probe axis

Polarization $\hat{\sigma} = \hat{\sigma}$ rotation around an exist hat is in the plane normal to probe exis (at measurement center), i.e., $\hat{\sigma} = 0$ 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 \(\theta = 0\) (f \(\xi \) 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 CorvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- . PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z; A, B, C, D are numerical linearization parameters assessed based on the data of
 power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum
 calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NDRMx,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 NORIMx (no uncertainty required).

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August 22, 2024 EX3DV4 - SN:7679

Parameters of Probe: EX3DV4 - SN:7679

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (µV/(V/m) ²) A	0.66	0.51	0.67	±10.1%
DCP (mV) B	105.9	105.6	102.6	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A dB	dB√μV	С	D dB	WR mV	Max dev.	Max Unc ^E k = 2
0.	CW	X	0.00	0.00	1.00	0:00	142.2	±3.2%	±4.7%
		Y	0.00	0.00	1.00		130.2		
		Z	0.00	0.00	1.00		139.0		
10352	Pulse Waveform (200Hz, 10%)	X	1.43	60.16	6.15	10.00	60.0	±2.9%	±9.6%
		Y	1.58	60.92	6.52		60.0		
		Z	1.50	60.59	6.48		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	0.82	60.00	4.96	6.99	80.0	+2.3%	±9.6%
	11/200000000000000000000000000000000000	Y	0.82	60.00	4.97	355	80.0	100000	
		Z	0.77	60.00	4.97		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.05	123.83	0.26	3.98	95.0	±2.6%	±9.6%
1		Y	24.00	72.00	7.00		95.0	95.0	SSVIDIC
		Z	0.01	121.73	2.37		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	0.53	60.00	2.57	2.22	120.0	±1.5%	±9.6%
		Y	11.26	155.45	11.45		120.0		
		Z	0.64	157.20	1.03				
10387	QPSK Waveform, 1 MHz	X	0.58	61.72	10.83	1.00	150.0	±4.1%	±9.6%
		Y	0.56	62.82	11.68		150.0		
		Z	0.72	62.65	11.42		150.0		
10388	QPSK Waveform, 10 MHz	X	1.28	63.69	12.80	0.00	150.0	±1.4%	±9.6%
		Y	1.32	65.00	13.43		150.0		
		2	1.39	63.95	13.12		150.0		
10396	64-QAM Waveform, 100 kHz	X	1.57	62.98	14.97	3.01	150.0	±1:4%	±9.6%
The second	I TO A DESCRIPTION OF THE PROPERTY OF THE PROP	Y	1.68	64.13	15.49	10000	150.0	100000	
		Z	1.53	62.44	14.99		150.0	t	
10399	54-QAM Waveform, 40 MHz	X	2.77	65.21	14,40	0.00	150.0	±2.0%	±9.6%
	THE PARTY OF THE P	Y	2.82	65.93	14.83	Notice !	150.0	2000000	
		Z	2.88	65.26	14.54		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz.	X	3.83	65.03	14.74	0.00	150.0	±3.5%	±9.6%
		Y	3.83	65.66	15.06	2000	150.0	= 117.65	
		Z	3.99	65.05	14.88		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%

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A The uncertainties of Norm X,Y,2 do not effect the E²-field uncertainty inside TSL (see Pages 5 and 6),
b Linearization parameter uncertainty for maximum specified field strength.
E Uncertainty is determined using the max, deviation from linear response applying rectangular distribution and is expressed for the square of the field value.



Parameters of Probe: EX3DV4 - SN:7679

Sensor Model Parameters

	C1 fF	C2 fF	α V-1	T1 ms V ⁻²	T2 ms V ⁻¹	T3 ms	T4 V-2	T5 V-1	Т6
x	12.3	88.68	33.01	3.48	0.00	4.90	0.28	0.00	1.00
v I	10.5	75.44	33.06	3.66	0.00	4.90	0.48	0.00	1.00
ž l	14.3	105.54	34.62	1.00	0.00	4.90	0.00	0.00	1.01

Other Probe Parameters

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Sensor Arrangement	Triangular
Connector Angle	52.0"
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	t mm
Recommended Measurement Distance from Surface	1,4 mm

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

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Parameters of Probe: EX3DV4 - SN:7679

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity [#] (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ⁰	Depth ^G (mm)	Unc ^H (k = 2)
750	41,9	0.89	9.71	9,03	9.52	0.35	1,27	±11.0%
835	41.5	0.90	9.44	8.78	9.25	0.35	1.27	±11.0%
900	41.5	0.97	9.33	8.68	9.15	0.35	1.27	±11.0%
1640	40.2	1.31	8.54	7.94	8.37	0.35	1.27	±11.0%
1750	40.1	1.37	8.47	7.87	8.30	0.35	1.27	±11.0%
1900	40.0	1.40	8.13	7.56	7.97	0.35	1.27	±11.0%
2300	39.5	1.67	7.77	7.23	7.61	0.35	1.27	±11.0%
2450	39.2	1,80	7.50	6.97	7.35	0.35	1.27	±11.0%
2600	39.0	1.96	7.35	6.84	7.20	0.35	1.27	±11.0%
3300	38.2	2.71	7.07	6.58	6.93	0.35	1.27	±13.1%
3500	37.9	2.91	7.02	6.53	6.88	0.35	1.27	±13.19
3700	37.7	3.12	6.86	6.38	6.72	0.35	1.27	±13.19
3900	37.5	3.32	6.81	6.33	6.67	0.35	1.27	±13.19
4100	37.2	3.53	6.61	6.14	6.47	0.35	1.27	±13.1%
5250	35.9	4.71	5.87	5:46	5.75	0.31	1.27	±13.19
5600	35.5	5.07	5.36	4.99	5.26	0.28	1.27	±13.19
5750	35.4	5.22	5.33	4.95	5.22	0,27	1,27	±13.19
5800	35.3	5.27	5.36	4,99	5,26	0.26	1.27	±13.15

Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is matriced 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 assessed at 6 MHz is 4-6 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

The probes are calibrated using flows a simulating faculty (FSU) that deviate for a and at by less than ±5% from the larged values (typically better than ±3%) and are valid for TSL with deviations of up to ±10% if SAR correction is applied.

Aphib Depth are determined during calibration. SPEAR warmants that the remaining convision due to the boundary effect after companisation is always less than ±1% for frequencies between 3-6 GHz at any distance larger than half the probe tip diamater from the boundary.

Table 9 of IEG/IEEE 82209-1528-2500.

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August 22, 2024 EX3DV4 - SN:7679

Parameters of Probe: EX3DV4 - SN:7679

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 [©]	Depth ^G (mm)	Unc ^H (k = 2)
6500	34.5	6.07	5,75	5.35	5.63	0.20	1.27	±18.6%

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[©] Frequency validity at 8.5 GHz is =8601+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

The probles are calibrated using status simulating figures (TSL) that deviate for a and or by less than ±10% from the target values (typically better than ±6%) and are valued for TSL. With deviations of up to ±10%.

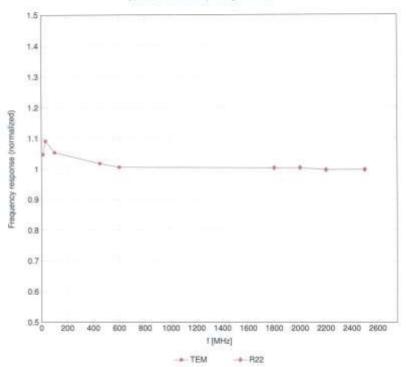
Alpha/Depth are determined during calibration. SPEAG watches that the remaining deviation due to the boundary effect after compensation is always less than ±1% for insquencies between 5-6 GHz and below ±4% for frequencies between 6-10 GHz at any distance images than fall the probe to plasmate from the boundary.

The stated uncertainty is the total calibration uncertainty (X = 2) of Norm Cooxif. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC/IECE 82509-1508:2000.



Frequency Response of E-Field

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



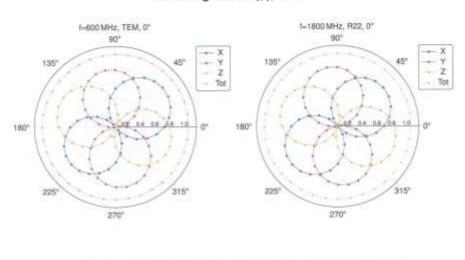
Uncertainty of Frequency Response of E-field: ±6.3% (k+2)

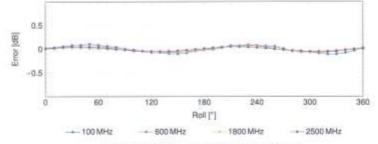
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Receiving Pattern (ϕ), $\theta = 0^{\circ}$





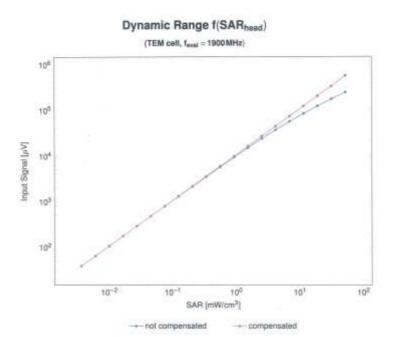
Uncertainty of Axial Isotropy Assessment: ±0.5% (k=2)

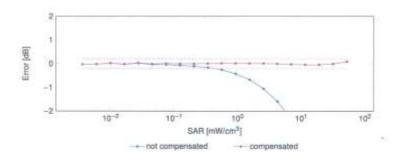
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Uncertainty of Linearity Assessment: ±0.6% (k=2)

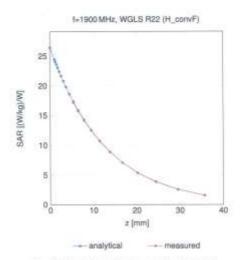
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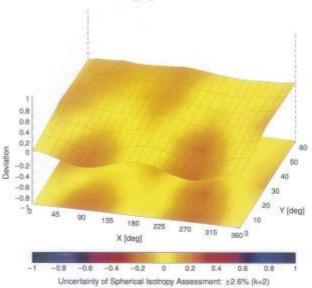


Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (ϕ, θ) , f = 900 MHz



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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Ung [®] k = 3
0		CW	CW	0.00	14.7
0070	CAB	SAR Validation (Square, 100ms, 10ms)	Test	10.00	±9.6
0011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	39.6
0012	CAB	IEEE 802,110 WIFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.0
0013	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
0010	DAG	GSM-FDD (TDMA, GMSK)	GSM	9.39	19.6
0023	DAC	GPRS-FDD (TOMA, GMSK, TN 0)	GSM	9.57	19.0
D024	DAC	GPRS-FDD (TOMA, GMSK, TN 0-1)	GSM	8.58	±9.8
0025	DAC	EDGE-FOD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
and the second	DAC	EDGE-FOD (TOMA, 8PSK, TN 0-1)	GBM	9.55	±9.8
0026			GBM	4.80	±9.5
0027	DAG	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	3.55	19.6
0028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	THE PARTY OF THE P	7.78	£9.6
0.029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	5.30	19.6
0000	CAA	IEEE 802:15.1 Bluetooth (GFSK, DH1)	Bluetooth:	The State of the S	
0001	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH9)	Bluetooth	1.87	±9.0
0.035	CAA	IEEE 802.15.1 Bluelouti (GFSK, DH5)	Bluetooth	1.16	±9.6
0.033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
0.034	CAA	IEEE 802.15.1 Bluetooth (Pt/4-DQPSK, DH3)	Bluetooth	4.53	±8.6
0.035	CAA	IEEE 802, 15.1 Bluetooth (PV4-DQPSK, DH5)	Bluetooth	3.83	±9.8
0.036	CAA	(EEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	19.5
0037	CAA	IEEE 802.15.1 Buetooth (8-DPSK, DHS)	Muetooth	4.77	1,9,6
0.038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
0.039	CAB	CDMA2000 (1xRTT, RC1)	GDMA2000	4.67	±9.6
0042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PU4-DQPSK, Halfrate)	AMPS	7.75	±8,6
10044	CAA	IS-91/EW/TIA-563 FDD (FDMA, FM)	AMPS	0.00	±9.6
0048	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	19.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	19.6
10058	DAG	EDGE-FOO (TOMA, 8PSK, TN 0-1-2-3)	GSM	0.52	±0.6
0059	CAB	EEF 802 116 WFI 2.4 GHz (DSSS, 2Mbps)	WLAN	2.12	±9.6
10060	CAB	EEE 802 115 WFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE BOS 11b WIFI Z.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	29.6
10062	CAE	SEE 902 11a/h WFI 5 GHz (OPDM, 6 Mbps)	WLAN	8.68	19.6
-	1000		WLAN	8.83	49.6
10063	CAE	IEEE BOS 11a/h WIFI 5 GHz (OFDM, 9 Mbps)		8.09	
10064	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps)	WLAN	9.00	#B.6
10065	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps)	WLAN		
10066	CAE	(EEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAE	IEEE 802,11a/h WIFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 800.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CA8	IEEE 802.11g WIF: Z.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFOM, 18 Mbps)	WLAN	9.94	19.6
10074	CAB	IEEE 802.11g WIF- 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	19.6
10078	CAB	IEEE BD2.11g WIF-2.4 GHz (DSSS/DFDM, 36 Mbps)	WLAN	10.77	±9.5
10076	CAB	IEEE 802,11g WIFI 2.4 GHz (DSSS/DFDM, 48 Mbps)	WLAN	10.94	±9.6
0077	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
18001	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
0.082	CAB	IS-64 / IS-136 FOD (TDMA/FDM; PI/4-DQPSK; Fulkate)	AMPS	4.77	±9.6
0.090	DAC	GPRS-FOD (TDMA, GMSK, TN 0-4)	GSM	6.56	19.6
10007	CAC	LIMTS FDD (HSDPA)	WCDMA	3.98	19.6
0000	CAC	UMTS-FDD (HSUPA, Sultient 2)	WCDMA	3.98	19.6
0099		EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	19.6
0100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FOD	5.67	19.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	19.6
	CAF	LTE-FOD (SC-FOMA, 100% RB, 20 MHz, 64-QAM)	LTE-FOD	8.60	±9.6
10100	CAH		LTE-TOD	9.29	
7.00	4.000	LTE-TOD (SC-FOMA, 100% RB, 20 MHz, QPSK)			19.5
10104	CAH	LTE-TOD (9C-FDMA, 100% RB, 28 MHz, 16-QAM)	LTE-100	9.97	±9.6
10105	CAH	LTE-TOD (SC-FOMA, 100% RB, 20 MHz, 64-QAM)	LTE-TOD	10.01	±9.5
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTEFDO	5,80	19,6
10109	CAH	LTE-FOD (SC-FOMA, 100% RB, 10 MHz, 16-QAM)	LTE-FOD	6.43	±9.6
10110	CAH	LTE-FDD (SC-FDWA, 100% RB, 5MHz, QPSK)	LTE-FOD	5.75	±9.6
10111	CAH	LTE-F00 (8C-F0MA, 100% RB, 5MHz, 16-QAM)	LTE-FOO	0.44	±9.6

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UID	Herr	Communication System Name	Group	PAR (dB)	Ung ^b k ~
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FOD	6.59	49.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-F0D	6.62	±9.6
0114	CAE	IEEE 802,11n (HT Greenfeld, 13.5Mbps, BPSK)	WLAN	8.10	±8.6
0115	CAE	IEEE 882.11n (HT Greenfield, 61 Mbps, 16-QAM)	WLAN	8.46	±9.6
0116	CAE	IEEE 802.11n (HT Greenfield, 135 Mbps. 64 QAM)	WLAN	8.15	±9.6
0117	CAE	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9,6
0118	CAE	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WCAN	8.59	±9.6
0119	CAE	IEEE 802 1 In (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
B140	CAF	LTE-FDD (9C-FDMA, 100% RB, 15 MHz, 18-QAM)	LTE-F00	6.49	±8,6
0141	CAF	LTE-FOD (9C-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-F00	6.53	29.6
0142	CAF	LTE-FOD (SC-FDMA, 100% RB, 3MHz, QPSK)	LYE-FOO	5.73	±9.6
0143	CAF	LTE-F00 (SC-F0MA, 100% RB, 3MHz, 16 QAM)	LYE-FOO	6.35	±9.6
B144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, 84-QAM)	LTE-F00	8.65	±9.6
0145	CAG	LTE-FDD (SC-FDMA, 100% R8, 1.4 MHz, QPSK)	LTE-F00	5.76	±9.6
0146	CAG	LTE-FDD (SC FDMA, 100% RB, 1.4MHz, 16-QAM)	LTE-F00	6.41	19.6
0147	CAG	LTE-FDD (SC FDMA, 100% RB. 1.4 MHz, 64-QAM)	LTE-PDO	6.72	±9.6
0.149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 19 QAM)	LTE-FDD	8.42	±9.6
0150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 84-QAM)	LTE-FD0	6.60	±9.6
0.151	CAH	LTE-TOO (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
0162	CAH	LTE TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
0158	CAH	LTE-TOO (SC FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10:06	±9.6
0154	CAH	LTE FDD (SC FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	#9.6
0155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
0156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, QPSK)	LTE-FOD	5.79	19.8
0157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 16-QAM)	LTE-FOD	5.40	±9.6
0158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-GAM)	TLE-LOD	8.62	±9.6
10159	CAH	LTE-FDD (SC-FOMA, 50% RB, 5MHz, 64-QAM)	LTE-FOD	6.50	±9.6
10100	CAF	LTE-FOD (SC-FOMA, 50% RB, 15 MHz, QPSK)	LTE-FOD	5.82	±9,6
10161	CAF	LTE-F00 (SC-F0MA, 50% RB, 15MHz, 16-QAM)	LTE FOO	6.43	±9.5
10162	CAF	LTE-FOD (SC-FDMA, 50% RBL 15 MHz, 64-QAM)	LTE-PDD	6.58	±9:6
10166	CAG	LTE FOD (SC-FOMA, 50% RB, 1.4 MHz, QPSK)	LTE-FOD	5.46	±9.8
10.167	CAB	LTE-FD0 (SC-F0MA, 50% RB, 1.4 MHz, 16-QAM)	LTE-F00	8.21	£9.8
10168	CAG	LTE-F00 (SC-F0MA, 50% RB. 1.4 MHz, 64-QAM)	LYE-FOO	3.79	±9.6
10199	CAF	LTE-FDD (SC-FDMA, 1 RB. 20 MHz, QPSK)	LTE-F00	5.73	±9.6
10170	CAF	LTE-F00 (SC-F0MA, 1 RB, 20 MHz, 16-QAM)	LTE-F00	6.52	±9.6
10.171	AAF	LTE-FDD (BC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-F00	6.49	±9.6
10172	CAH	LTE-TOD (SC-FDMA, 1 R8, 20 MHz, QPSK)	LTE-100	9.21	±9,6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 18-GAM)	LTE-TOO	9.48	±9.6
10174	CAH	LTE-T00 (SC-F0MA, 1 RB, 20 MHz, 64-QAM)	LTE-TD0	10.25	#9.9
10175	CAH	LTE-F00 (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-F00	5.72	±9.6
10176	CAN	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-F00	8.52	±9.0
10377	CAJ	LTE-F00 (SC-F0MA, 1 RB, 5 MHz, QPSK)	LYE-FOO	6.79	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-F00	55.0	±9.6
10 179	CAH	LTE-FDD (BC-FDMA, 1 RB, 10 MHz, 64 QAM)	LTE-FD0	6.50	±9.6
10180	CAH	LTE-FDO (SG-FDMA, 1 RB, 5MHz, 64-QAM)	LTE F00	6.50	±9.6
10181	CAF	LTE-FD0 (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE FDQ	9.72	#9.8
10:182	CAF	LTE-FDD (BC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-FD0	6,52	19.6
10.183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 64-QAM)	LTE-FD0	6.50	g9.fi
10 184	CAF	LTE-FDG (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FD0	5.70	±9.6
0.185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDQ	6.51	±9.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-GAM)	LTE-FDD	8.50	±9.6
0.187	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, 1.4MHz, 16-QAM)	LTE-FDD	6.52	±9.6
0189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	6.50	±9.6
0193	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	#9.6
0194	CAE	IEEE 802,11n (HT Greenfeld, 38 Mbps, 16-QAM)	WLAN	8.12	19.6
0195	CAE	IEEE 802.11n (HT Greenfeld, 65 Mbps, 64-QAM)	WLAN	8.21	19.6
0196	CAE	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	(8.6
10197	CAE	IEEE 802,11n (HT Mixed, 39 Mbps, 16 QAM)	WLAN	8.13	19.6
0198	CAE	IEEE 802:11n (HT Mixed, 95 Mbps, 64-QAM)	WLAN	8.27	±9.6
10219		IEEE 902.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.00	±0.6
10220	CAE	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10221	CAE	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
10222	CAE	IEEE 802,11n (HT Moed, 15 Mbps, 8PSK)	WLAN	8.06	±9.6
10223	CAE	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	#9.6
10/224	CAE	IEEE 802,11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	+0.6

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10225	CAD	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10.226	CAC	LTE-TOD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDO	9.49	±9.6
0227	CAC	LTE TDO (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TOO	10.26	±9.6
0.228	CAC	LTE-TDD (SC-FDMA, 1 RIII, 1.4 MHz, QPSK)	LTE-TDD	9,22	#9.8
0229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	8:48	19.6
0230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 54-GAM)	LTE-TDD	10.25	±9.0
0.231	CAE	LTE-TOD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
0.232	CAH	LTE-TOD (SC-FDMA: 1 RB, 5MHz, 16-QAM)	LTE-TDD	9.48	±9.6
0233	CAH	LTE-TOD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10234	CAH	LTE-TOD (SC-FDMA, 1 FB), 5MHz, QPSK)	LTE-TOD	9.21	±9.6
10235	CAH	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TOD	9.48	10.6
10336	CAH	LTE-TOD (SC-FDMA, 1 RB, 10MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10237	CAH	LTE-TOD (SC-FDMA, 1 RB, 16 MHz, QPSK)	LTE-TDD	9.81	±9.0
10238	CAG	LTE-TOD (SC-FOMA, 1 RB, 15MHz, 16-GAM)	LTE-TOD	9.48	±9.6
0239	CAG	LTE-TOD (9C-FDMA, 1 RB, 15MHz, 54-QAM)	LTE-TOD	10.25	19.6
10240	CAG	LTE-TOD (SC-FDMA, 1 RB, 16 MHz, QPSK)	LTE-TOO.	8.21	29.6
10241	CAG	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, 16-GAM)	LTE-TOO	9.82	±9.6
10242	CAC	LTE-TOD (SC-FDMA, 50% RB. 1.4 MHz, 64-QAM)	LTE-TOO	9.86	±9,6
10243	CAC	LTE-TOD (SC-FDMA, 50%, RB, 1.4 MHz, QPSK)	LTE-TOO	9,46	19.6
10244	CAE	LTE-TOD (SC-FDMA, 50% RB, 3 MHz, 18-QAM)	LTE-TOO	10.06	£9.8
10245	CAE	LTE-TDD (SC-FDMA, SDN, RB, 3 MHz, 64-QAM)	LTE-TOO	1000	±9.8
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TOO	9.30 8.91	±9.5
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-GAM)	LTE TOO	10.09	±9.6
10248	CAH	LTE-TDD (SC FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TD0	9.29	±9.6
10/249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDO	9.81	±9.6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-GAM)		10.17	
10251	CAH	LTE-TOD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TOD	9.24	±9.6
10252	CAG	LTE-TOD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TOD	9.90	±9.5
10283		LTE-TOD (SC-FOMA, 50% RB, 15 MHz, 16-QAM)	LTE-TOD	10.14	±9.6
10254	CAG	LTE-TOD (SC-FOMA, 50% RB, 15MHz, 64-QAM)	LTE-TOD	9.20	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 18-QAM)	LTE-TOD	9.96	19.6
10256	CAC	LTE-TOD (SC-FOMA, 100% RB, 1.4MHz, 16-GAM)	LTE-TOD	10.08	±9.6
10257	GAC	LTE-TOD (SC-FOMA, 100% RB, 1,4MHz, 0F-GAM)	LTE-TOD	9.34	19.6
10259	CAE	LTE-TOD (9C-FOMA, 100% RB, 3MHz, 16-QAM)	LTE-TOD	9.98	19.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 84-GAM)	LTE-TOD	0.97	19.6
10261	CAE	LTE-TOD (SC-FDMA, 100% RB, SMHz, QPSK)	LTE-TOD	9.24	±9.5
10262	CAH	LTE-TDD (SC-FOMA, 100% RB, 5MHz, 14-QAM)	LTE-TOD	9.83	±9.6
10263	CAH		LTE-TOD	10.16	±9.6
10264	CAH		LTE-TOD	9.23	±9.6
10265	CAH	LTE-TOD (SC-FOMA, 100% RB, 10 MHz, 16-QAM)	LTE-TOD	9.92	19.6
10266	CAH	LTE-TOD (SC-FOMA, 100% RB, 18 MHz, 64-QAM)	LTE-TOD	10.07	19.6
10267	CAH	LTE-TOD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TOD	9.30	±9.6
10266	CAG	LTE-TOD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TOD	10.00	±9.6
10269	CAG		LTE-TOD	10.13	±9.6
10270	CAG	LTE-TOD (SC-FOMA, 100% RIB. 15 MHz, QPSK)	LTE-TOO	9.56	±8,6
10274	CAC	UMTS-F0D (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.07	±9.6
10275	CAC	UMTS-F00 (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
10277	CAA	PHS (QPSK)	PHS	11.81	19.6
10278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	19.6
10276	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10290	AAB	CDMA2000, RC1, SO56, Full Rate	CDMA2000	3.91	±9.5
10291	BAA	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292	AAB	CDMA2000, RC3, SO32, Full Rate	C0MA2000	3.39	±9.6
10293	AAB	CDMA0000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	AAB	COMA2000, RC1, SO0, 1/89 Rate 25 h.	COMA2000	12.49	±9.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FD0	5.81	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE FDD	5.72	19.6
10299	AAE	LTE-FDD (SC-FDMA, 50% AB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6
10300	AAE	LTE-FDD (SC-FDMA, 60% RB, 3 MHz, 84-QAM)	LTE-FDO	9.60	±9.6
10301	AAA.	EEE 800.16e WMAX (29:18, 5ms, 10 MHz, QPSK, PUSC)	WMAX	12.00	±9.6
10302	AAA	IEEE 802.15e WIMAX (29:18, 5ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WIMAX	12.57	#9.6
10303	AAA	EEE 802 (60 WMAX (31.15, 5ms, 10 MHz, 64QAM, PUSC)	WMAX	12.52	±9.0
10304	AAA	EEE 802 16e WMAX (2918, 5ms, 10 MHz, 64QAM, PUSC)	WWWX	11.86	±9.6
10305	AAA	IEEE 802.16e WIMAX (31.15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WMAX	15.24	±9.6
10306	AAA		WIMAX	14.67	±9.6

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0307	AAA	EEE 802 16e WIMAX (29:18, 10 ms. 10 MHz, QPSK, PUSC, 16 symbols)	WIMAX	14.49	±9.8
0308	AAA	IEEE 802,19e WMAX (29.18, 10 ms, 10 MHz, 16QAM, PUSC)	WIMAX	14,48	±9.6
0000	AAA	EEE 802,15e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WIMAX	14,58	±9.6
0310	AAA	EEE 802.18e WMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WMAX	14.57	±9.6
0311	AAE	LTE-FDD (BC-FDMA, 100% RB, 15MHz, QPSK)	LTE-FOD	6.06	19.6
0313	AAA	DEN 1:3	IDEN	10.51	±9,8
0314	AAA	DEN 1.6	DEN	13.48	19.8
0315	AAB	IEEE 802.115 WIF 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN.	1,25	±9.6
0316	AAB	IEEE 802.11g WFi 2.4 GHz (ERP-OFOM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.8
10317	AAE	IEEE 802.11a WiFi 5 Ciriz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.35	±9.0
10352	AAA	Pulse Wavelorm (200Hz, 10%)	Generic	10,00	±9.6
0353	AAA	Pulse Wavetorm (200Hz, 20%)	Generic	6.99	±9,6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9,6
0356	AAA	Pulse Waveform (200Hz, 60%)	Generio	2.22	19.6
10356	AAA	Pulse Waveform (2000Hz, 80%)	Generic	0.97	±9.6
10387	AAA	QPSK Waveform, 1 MHz	Generic:	5.10	±9.6
10388	AAA	QPSK Wavetorm, 10 MHz	Generic	5.22	29.6
10396	AAA	84-QAM Wayelorm, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAF	#EEE 802.11ac WIF1 (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAF	IEEE 802.11ac WIFI (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAF	SEEE BOX.11ac WiF1 (BD MHz, 64-QAM, 95pc duty cycle)	WLAN	8.53	±9.6
10402	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	#9.6
10404	AAB	COMAZODO (1xEV-DO, Renx A)	C/DMA2000	3.77	±9.6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	COMARGO	5.22	±9.6
10410	HAA	LTE TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, U. Subframe=2.3,4,7.8,9, Subframe Conf=4)	LTE-TDD	7,82	±9.6
10414	AAA	WLAN CODE 64-GAM, 40 MHz	Generic	8.54	±9.5
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 WIF) 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
30417	AAD	IEEE 802.11a/h WFI 5 GHz (DFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 6 Mops, 98pc duty cycle, Long preambule)	WLAN.	8.14	19.6
10419	-	IEEE 602.11g WFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	W.AN	8.19	±9.6
10422	AAD	IEEE 802.11n (HT Greenfalt), 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423		IEEE 802 (1n (HT Greenfeld, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	-	IEEE 802 11n (HT Greenfield, 72 2 Mbps, 64-QAM)	WLAN	8.40	±9.8
10425		EEE 802 1 in IHT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10425		EEE 802 11n (HT Greenfield, 90 Mbps, 16-GAM)	WLAN	8.45	19.6
10427		EEE 802 110 (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	19.6
10430		LTE-FDD (OFDMA, SMHz, E-TM 0.1)	LYE-FDO	8.28	#9.6
10431	AAE	LTE-FOO (OFDMA, 10MHz, E-TM 3.1)	LTE-FDG	0.38	±9.0
10432		LTE-FOD (OFDMA, 15MHz, E-TM-3.1)	LTE-FOO	8.34	19.6
10433		LTE-FDD (OFDMA, 20MHz, E-TM 3.1)	LTE FDO	8.34	±9.0
10434	-	W-COMA (BS Teel Model 1, 64 OPCH)	WCDMA	8.60	19.6
10435	-	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Subhames 2.3.4.7.8.9)	LTE-TDO	7.82	19.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Cigning 44%)	LTE-FD0	7.56	19.6
10448	-	LTE-FDD (DFDMA, 10MHz, E-TM S.1, Clippin 44%)	LTE-FD0	7.58	#9.6
10449	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1, Cliping 44%)	LTE-FDO	7.51	19.6
10450	the females and	LTE-FDD (OFDMA, 20 MHz, E-TM 3 1, Cloping 44%)	LTE-FDD	7.48	29.6
10450	100000	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCOM	7.59	19.6
10461		Validation (Square, 10 ms, 1 ms)	Test	10:00	29.6
10458		IEEE 802,11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	19.5
10455	AAB	LIMTS-FDD (DC-HSDPA)	WCDMA	6,62	±9.6
10457	And in case of the last	COMA2000 (1xEV-DQ, Rev. B. 2 carriers)	CDMA2000	8.55	19.6
	-	COMA2000 (1xEV-DO, Rev. B. 3 camers)	COMA2000	8.25	
10459				2.39	19.6
10460	AAG	LIMTS-FDD (WCDMA, AMR) LTE-TDD (SC-FDMA, 1 RR, 1.4MHu, CPSK, UL Subhames 2.3.4.7.8.9)	LTE-TDD	7.82	+0.0
10461	-		LTE-TOD	8.00	±0.0
	12375	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 18-QAM, UL Subtrame=2.3.4,7.8.9)	LTE-TOD		±0.0
10463	AAC	LTE-TOD (SC-FDMA, 1 RB, 1 4MHz, 64-QAM, UL Sutteme-2.3.4,7 8.9)		8.56	±9.0
10464		LTII-TDD (SC-FDMA, 1 RB, 3 MHu, QPSK, UL Subhame=2,3.4,7,8.9)	LTE-TOD	7.82	±9.0
10465	CONTRACTOR OF THE PARTY OF THE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-GAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
10466		LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM, UL Subharre=2.3.4,7.8.9)	LTE-TOD	8.57	±9.6
10.667		LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10468		LTE-TOD (SC-FDMA, 1 RB, 5MHz, 16-QAM, UL Subharre=2,3,4,7,8,8)	LTE-TOD	8.32	±9.6
10468		LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.56	±9.6
10470		LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe+2,3,4.7.8,9)	LTE-TOD	7.82	19.6
10471	AAG	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, 18-QAM, UL Subframe=2.3,4.7.8,9)	LTE-TOD	8.32	±9.6

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0472	AAG	LTE-TOD (SC-FDMA, 1 RB, 10MHz, 64-QAM, UI, Subhames 2,3,4,7,8.8)	LTE-TOD	8.57	±9.6
0473	AAF	LTE-TOO (SC-FDMA, 1 RB, 15MHz, GPSK, UL Subrame-2,3,4,7,8,9)	LTE-TD0	7.82	29.6
0474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 16-QAM, UL Subframe=2.3.4,7.8.9)	LTE-TD0	8.32	g9.6
0475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TD0	8.57	±9.6
0477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TD0	8.32	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subhame+2.3,4,7.8,8)	LTE-TDD	8,57	±9.0
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, OPSK, UL Subframes 2.3,4,7,8,9)	LTE-TOD	7.74	±9.6
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.18	±8.6
10481	AAC	LTE-TDD (9C-FDMA, 50% RB, 1.4MHz, 64-QAM, U. Subframe=2.3,4.7.8,9)	LTE-TOD	8.45	19.6
10.482	AAD	LTE TDD (SC-FDMA, 50% RB, 3MHz, GPSK, UL Subframe=2.3.4,7.8,9)	LTE-TOD	7.21	±9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RIII, 3MHz, 16-QAM, UL Subhame=2.3,4,7.8,9)	LTE-TOD	8.39	±9.6
10484	AAD	LTE-TOD (SC-FDMA, 50%, RB, 3MHz, 64-QAM, UL Subtrames/2.3,4,7,8,9)	LTE-TOD	8.47	±9.6
10485	AAG	LYE-TOD (SC-FDMA, 50% RB, 6MHz, QPSK, UL Subtrame=2.3,4,7.8,9)	LTE-TOD	7.50	±9:6
10486	AAG	LTE-TOD (SC FOMA, 50% RB, 5MHz, 16-QAM, UL Subtrame-2.3,4,7.8,9)	LTE-TOD	8.38	19.8
10487	AAG	LTE-TOO (SC-FOMA, 50% RB, 5 MHz, 64 QAM, UL Subtrame+2.3,4.7.8.9)	LTE-TOD	8.60	±9.6
10486	AAG	LTE-TDD (SC-PDMA, 50% RB, 10MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOO	7.70	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 1DMHs, 16-QAM, UL Subtrame=2.3,4,7,8,9)	LTE-TOO	8.31	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% R8, 10MHz, 64-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TOO	8.54	±9.6
10491	AAF	LTE-TDD (5C-FDMA, 50% RB, 15 MHz, QPSK, UL Subhamev2.3,4,7.8,9)	LTE-TOO	7.74	#9.6
10482	AAF	LTE-TOO (SC-FDMA, 50% RB, 15MHz, 16-QAM, UL Subheme=2,3,4,7,8,9)	LTE-TD0	0.41	49.6
10499	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subhame=2.3.4.7.8.9)	LTE-TD0	8.56	±9.8
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2.3.4.7.8.9)	LTE-TD0	7.74	49.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TDD	6.37	±9.6
10498	AAB	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% RR, 1.4 MHz, QPSK, UL Subframe+2,3,4,7,8,9)	LTE-TOD	7.67	±9.6
10498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subharres 2,3.4,7.8.9)	LTE-TOD	8-40	19.6
10499	AAC	LTE TDD (SC FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3.4,7,8,9)	LTE-TOD	8.68	10.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subrames 2,3,4,7,8,8)	LTE-TOD	7.67	±9.6
10801	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM, UL Subframe=2,3.4,7,6.9)	LTE-TOD	8.44	±9.6
10502	AAD	LTE-TOD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe+2,3.4,7,8.9)	LTE-TOD	8.52	±8.6
10503	AAG	LTE-TOD (SC-FDMA, 100% RB, 5MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOO	7.72	±9.6
10504	AAG	LTE-TOD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subhame=2,3,4,7,9.9)	LTE-TOD	8.91	193
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM, UL Subhame=2.3,4,7,8,9)	LTE-TOO	8.54	±9.4
1050E	AAG	LTE-T00 (SC-FDMA, 100% RB, 10MHz, QPSK, UL Subtrame+2,3,4,7,8,9)	LTE-TDD	7.74	±0.0
10507	AAG	LTE-TDD (SC-FDMA, 100% HB, 10 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDO	H.36	±9.0
10506	AAG	LTE-TOD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe+2,3.4,7,8.9)	LTE-TDO	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 Subhama-2,3,4,7,8.9)	LTE-TD0	8.49	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subhame=2,3.4,7,8.9)	LTE-TDD	8.51	+9.6
10512	AAG	LTE-TD0 (SC-FDMA, 100% RB, 20MHz, QPSK, UL Subframe=2,3.4,7,8.9)	LTE-TDD	7.74	#9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM, UL Subframe+2,3.4,7,8.9)	LTE-TOD	8.42	±9.6
10514	AAS	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM, UL Subhame+2.3.4.7,8.9)	LTE-TDD	8.45	19.5
10515	AAA	IEEE 802,11b WIF 2,4 GHz (OSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	±9.0
10516	AAA	IEEE 802.11b WiFi 2.4GHz (DSSS, 5.5Mbps, 89pc duty cycle)	WLAN	1.57	±9.0
10517	AAA	IEEE 802.11b WIFI 2.4 GHz (OSSS, 11 Mbps, 99pc duty cycle)	WLAN	1,58	±9.6
19518	AAD	IEEE 802.11a/n WFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.8
10519	CAA	IEEE 802,11 wh WFI 5 GHz (OFDM, 12 Mbps, 98pc duty cycle)	WLAN	8.39	±9.6
10520	AAD	IEEE 802,11a/h WiFi 8-GHz (OFDM, 18 Mbps, 9Rpc duty cycle)	WLAN	8.12	#9.6
10521	AAD.	IEEE 802.11s/h WIFI 9 GHz (OFOM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAD	IEEE 802.11 a/h WIFI 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.1
10523	AAD	IEEE 802 11a/h WIFI 5 GHz (OFDM, 48 Mbps, 89pc duty cycle)	WLAN	8.06	±9.6
10524	CIAA	IEEE 802.11ah WIFI 5 GHz (OFDM, 54 Mbps, 99pc duty byole)	WLAN	8.27	±9.6
10525	AAD	IEEE 802,11ac WIFI (20MHz, WCS0, 99pc duty cycle)	WLAN	8.96	±9.6
10520	AAD	IEEE 802.11ac WFI (20MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±83
10527	AAD	IEEE 802.11ac WIFI (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10508	AAD	IEEE 802,11as WFI (20MHz, MCS3, 98pc duty cycle)	WLAN	8.36	193
10529	AAD	IEEE 802.11ac WFI (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.36	±9)
10531	AAD	IEEE 802.11ac WFI (20 MHz, MCS8, 98pc duty cycle)	WLAN	8.43	197
10532	AAD	IEEE 802.11ac WFI (20 MHz, MCS7, Mpc duty cycle)	WLAN	8.29	±9.
10533	-نىلىدىنىك	IEEE 802.11ac WFI (20 MHz, MCS8, 99pc duty cycle)	WLAN	5.38	193
10534		IEEE 802.11ac WVI (40 MHz, MCS0, 99pc duty cycle)	WLAN:	8.45	±9.
10535	AAD	IEEE 802.11ac WIFI (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10535	AAD	IEEE 802.11ac WIF (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.
10537	AAD	IEEE 802.11ac WIFI (40 MHz, MC53, 99pc duty cycle)	WLAN	8.44	±9.0
10538		IEEE 802.11ac WIFI (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	19.0
		IEEE 802.11ac WiFl (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.39	±9.6

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0641	AAD	WIEE 802.11au WIFI (40 MHz, MCS7, 99pc duty cycle)	WLAN	8,46	±9.6
0542	AAD	IEEE 802,11ac WiFi (40 MHz, MCB8, 99pc duty cycle)	WLAN	8,65	19.6
0543	AAD	IEEE 902.11ag WIFI (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±0.6
0544	AAD	IEEE 802,11ac WIFI (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
0545	AAD	IEEE 802.11ac WiFi (B0 MHz, MCB1, 99po duty cycle)	WLAN	8.55	38.6
0548	AAD	IEEE 802 11ac WIFI (80 MHz, MCS2, 98pc duty cycle)	WLAN	8.35	±9.6
0547	AAD	IEEE B02.11sc WIF (80 MHz, MCS3, 98pc duty cycle)	WLAN	8.49	±9.6
0548	AAD	IEEE 802,11ac WiFI (80 MHz, MCS4, 98pc duty cycle)	WLAN	8.37	±9.6
0550	AAD	IEEE 802.11ac WIF) (80 MHz, MC56, 99pc duty cycle)	WLAN	8.38	±9.8
0551	AAD	IEEE 802.11ac WFI (80 MHz, MCS7, 98pc duty cycle)	WLAN	8.50	±9.0
0552	CAA	If EE 802.11ac WFI (B0 MHz, WCS8, 99pc duty cycle)	WLAN	8.42	±9.6
0553	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	19.6
0554	AAE	IEEE 802,11sc WiFi (160 MHz, MGS0, 98pc duty cycle)	WLAN	8.48	19.6
0.656	AAE	IEEE 802.11ac WFI (160 MHz, MCS1, Rigos duty cycle)	WLAN	8.47	3.61
0558	AAE	IEEE 802,11ac WFI (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
0857	AAE	IEEE 802.11ac WIFI (160 MHz, MGS3, 99pc duty cycle)	WLAN	8.62	±0,6
0658	AAE	IEEE 802.11ac WIFI (180 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
0560	AAE	#EEE 808.11ac WIFI (160 MHz. MCS6, 98pc duty cycle)	WLAN	8.73	±9.6
0581	AAE	#(HE BOX 11ac WFT (160 MHz, MCS7, 99po duty cycle)	WLAN	8.56	±9.6
0562	AAE	EEE 802.11ac WF (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.00	g B B
0563	AAE	SEE 800 11ac Will (180 MHz, MCSB, 98pc duty cycle)	WLAN	38.77	±8.6
0564	AAA	IEEE 800.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 86pc duty cycle)	WLAN	8.25	±8.6
0.565	AAA	IEEE 802:11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN .	8.45	±9.6
10588	AAA	IEEE 802.11g WIFI 2.4 GHz (OSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8,13	±9.6
0567	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mops, 99pc duty cycle)	WLAN	8.00	±9.6
10566	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	49.6
10568	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
0.570	AAA	IEEE 802 11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
0571	.AAA	IEEE 802:115 WIFI 2.4 GHz (OSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
0572	AAA	IEEE 802.11b WIFI-2.4 GHz (DSSS, 2 Mbps, 90pc duty cyclii)	WLAN	1.99	±9.6
0572	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mops, 90pc duty cycle)	WLAN	1,98	±9.6
0574	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1,98	±9.6
10575	AAA	IEEE 802.11g WIF: 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10.576	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	19.6
10577	AAA	IEEE 802.11g WIF: 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	19.6
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, 80pc 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	8.95	±9.6
10082	AAA	IEEE 802.11g WFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	19.6
10583	GAA	HEEE 802.11a/h WIFI 5 OHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10564	AAD	IEEE 802.11a/n WIFI 5 GHz (OFDM, 9 Mbps, 80pc duty cycle)	WLAN	8.80	19.8
10585	AAD	IEEE 802 11a/h WIFI 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WEAN	8.70	±9.6
10585	AAD	IEEE 802 11a/h WIFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10087	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.5
10588	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.75	±9,6
10589	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10690	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54Mbps, 90pc duty cycle)	WEAM	8.67	±9,6
10591	MAD	IEEE 802,11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WEAN	8.63	19.6
10592	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WEAN	8.79	±9.6
10593	AAD	IEEE 802.11/r (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAD	IEEE 802 11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9-6
0396	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	W.AN	8.71	±9,6
0597	AAD	III II 602 11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9,6
0598	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WUM	8.50	19.6
0599	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
0600	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	9.88	±9.6
10601	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	#9.6
0602	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	49.6
10603	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10604	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.78	±9.6
10605	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS8, 90pc duty cycle)	WLAN	8.97	±9.6
10606	GAA	EEE 802,116 (HT Mood, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10/007	AAD	IEEE 802.11ac WIF- (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6
10608	AAD	IEEE 802 T1ac WIFI (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6

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0609	AAD	EEE 802.11ac WIFI (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±8-6
0610	AAD	EEE 802 11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.79	19.6
0611	AAD	IEEE 802 11ac WiFI (20 MHz, MCS4, 90pc duty cycle)	WLAN	0.70	19.6
0613	AAD	IEEE 802.11ac WIFI (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	1.0.6
0613	AAD	EEE B02.11ac WIFI (35 MHz. MCS6, 90pc duty cycle)	WLAN	8.94	±9.8
0614	AAD	IEEE 802 (1ac WF (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.0
16615	AAD	IEEE 802 11st WF (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	19.6
10616	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	19.6
10617	AAD	IEEE 802.11 as WIF1 (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10818	AAD	IEEE 802-11 ao WIFI (40 MHz. MCS2, 90pc (futy cycle)	WLAN	8.58	19.6
10519	AAD	IEEE 802 11ac WFI (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	19.5
10820	AAD	IEEE 802 (1ac WE) (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10821	AAD	IEEE d02.11ac WFi (40 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAD	IEEE 802 11ap WIFI (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	19.6
10623	AAD	IEEE 802 11ac WIFI (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAD	(EEE 802 11ac WIFI (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.8
10625	AAD	EEE 802.1140 WIFI (40 MHz, MGS9, R0pc duty cycle)	WLAN	8.96	±9.6
10626	AAD	IEEE 802.11ac WIFI (80 MHz, MCS0, 90pc duty cycle)	WLAN	8,83	29.8
10627	AAD	IEEE 802.11ac WF (80 MHz, MCS1, 80pc duty cycle)	WLAN	8.88	19.0
10638	AAD	III II II III II III II II II II II II	WLAN	8.71	10.6
10629	AAD	HEEF 802 11ac WFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	10.6
10830	AAD	IEEE 802 11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.0
10631	AAD	IEEE 802,11ac WiFi (80 MHz, MCSS, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAD	IEEE 802 1 fac WIFI (80 MHz, MCS6, 90pc duty cycle)	WI.AN	8.74	±9,6
10633	AAD	IEEE 802.11ac WIF1 (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAD	IEEE 802.11ac WFI (80 MHz, MC58, 90pc duty cycle)	WLAN	8.80	1.9.5
10635	AAD	IEEE 802.11ac WIFI (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAE	(EEE 802.11ac WFI (180 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	19.6
10637	AAE	IEEE 802.11ac WIFI (160 MHz, MCS1, 90pc duty cycle)	WLAN-	8.79	±9.6
10635	AAE	IEEE 802.11ac WIFI (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.8
10639	AAE	EEE 802 11ac WIFI (160 MHz, WCS3, 90pc duty cycle)	WLAN	8.85	±9.0
10640	AAE	EEE 800,11ac WIFI (160 MHz, MCS4, 90po duty cycle)	WLAN	8.98	±9.8
10641	AAE	#EEE 802 11sc WFI (160 MHz, MCSS, 90pc duty cycle)	WLAN	9.06	19.5
10842	AAE	EEE 802 11ac WIF (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	19.6
10.643	AAE	IEEE 802 11ac WIFI (180 MHz, MCS7, 90pc duty cycle)	WLAN	0.89	g9.6
10644	AAE	IEEE 802,11ac WIFI (180 MHz, MCS8, 90pc duty cycle)	WLAN	9.06	39.6
10645	AAE	IEEE 802 11ac WIFI [160 MHz, MCS9, 90pc duty cycle]	WLAN	9:11	±9.6
10648	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe-2,7)	LTE-TOD	11.96	39.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	29.6
10848	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	19.6
10652	AAF	LTE-TOD (OFDMA, SMHz, E-TM 3.1, Clipping 44%)	LTE-TOD	6.01	10.6
10653	AAF	LTE-TOD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7,42	10.6
10654	AAE	LTE-TOD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	0.96	±9.6
10655	AAF	LTE-TOD (OFDMA, 20MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7.21	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10,00	±9.6
10659	AAB	Pulse Wavelorm (200Hz, 20%)	Test	6.99	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.0
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10668	AAB	Pulse Waveform (20094z, 80%)	Test	0.97	19.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10671	AAC	IEEE 802,11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	193
10672	AAC	IEEE 802,11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.5
10673	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	W.AN	8.78	±9.0
10674	AAG	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.
10675	AAC	JEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9
10676	MAC	IEEE 802.11ax (20 MHz, MCSS, 90pc duty cycle)	WCAN	B.77	±9.
10677	AAG	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	19
10678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.0
10679	AAC	IEEE 602.11ax (20 MHz. MCS8, 90pc duty cycle)	WLAN	8.89	±93
10680	AAC	IEEE 802 11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAC	EEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.3
10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.0
106B3	AAC	IEEE 802,11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10684	AAC	IEEE 802 11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±91
10685	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	H.33	±9.
10686	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	+91

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc [®] k =
0687	AAC	# E E 802.11ax (20 MHz; MCS4, 99pc duty cycle)	WLAN	8,45	±9.6
0688	AAG	EEE 802,11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	6.29	±8.6
0689	AAC	IEEE 800, 11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.55	±9.6
0.690	AAC	IEEE 80E 11ax (20 MHz. MCS7, 99pc duty cycle)	WLAN	8.29	±9.8
0681	AAC	EEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.8
0682	AAC	#IEEE 802 11ax (20 MHz. MCS8, 99pc duty cycle)	WAN	8.29	±9.0
0683	AAC	WEE 802 11ex (20 MHz, MCS10, 98pc duty cycle)	WIAN	8.25	±9.8
0664	AAC	EEE 802.11ax (20 MHz, MCS11, 98pc duty cycle)	WIAN	8.57	±9.6
0695	AAG	IEEE 802,11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	0.78	#9.6
	AAC	EEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WAN	8.91	±9.6
0695	127.17.		WLAN	8.61	±9.6
0697	AAC	EEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.89	±9.0
0688	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)		8.82	19.6
0.899	AAC	HEEF 802.11ex (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.73	19.6
0700	AAC	IEEE 802,11ax (40 MHz, MCSS, 90pc duty cycle)	WLAN		
6701	AAC	(EEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	19.6
0.702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
0.703	AAC	IEEE 802.11 px (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.停
0.704	AAC	IEEE 802,114x (40 MHz, MCSB, 90pc duty cycle)	WLAN	8.56	19.6
0.705	AAC	HEEE 802.11sx (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.60	±9,6
0706	AAC	(EEE 802.11gs (40 MHz, MCS11, 90pc duty cycle)	WLAN :	8.66	19.6
6707	AAC	IEEE 802 11ax (40 MHz, MCS0, 89pc duty cycle)	WLAN	8.32	±9.6
0708	AAC	IEEE 802 11ax (40 MHz. MCS1, Wipc duty cycle)	WLAN	8.55	±9.6
0709	MAG	IEEE 902.11ax (40 MHz. MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
0710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
0711	AAC	IEEE B02.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCSS, 99pc duty cycle)	WLAN	8.67	19.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.53	#9.6
0714	AAC	IEEE B02.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	19.6
0715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duly cycle)	WLAN	8.45	19.6
			WLAN	8.30	19.6
0716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)		8.48	
10717	AAC	IEEE 802.11 sx (40 MHz, MCS10, 99pc duty cycle)	WLAN	Total International	±9.6
10718	AAC	IEEE 800.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10718	AAC	HEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11sx (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802,11 ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
10722	AAC	JEEE 802,11 ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	19.6
10728	AAC	IEEE 802,11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11au (80 MHz, MCS5, 90pc duty cycle)	WLAN :	8.90	±9.6
10725	AAC	IEEE 802.11au (80 MHz; MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	JEEE 802.11 (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
10.728	AAC	IEEE 802.11gs (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.85	±9.6
0729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	19.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	69.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10733	AAG	IEEE 802.11ax (80 MHz, MCS2, 98pc duty cycle)	WLAN	8.40	±9.5
10734	AAC	IEEE 802.11ax (90 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10735	AAC	IEEE 808.11ax (80 MHz, MGS4, 95pc duty cycle)	WLAN	8.33	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	19.6
10737	AAC	IEEE 802 11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	19.6
	AAC	IEEE 802 1 fax (80 MHz, MC86, 99pc duty cycle)			
10735	AAC	The second secon	WLAN	8.42	19.6
10739		IEEE 802.11ax (80 MHz, MC88, 99pc duty cycle)	WLAN	8.29	194
0740	AAG	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WEAN	8.48	±9.6
10741	AAC	IEEE 802 11ax (60 MHz, MGS10, 99pc duty cycle)	WiAN	8.40	±9.6
0742	AAC	IEEE 802,11ax (80 MHz, MCS11, Ripc duly cycle)	WLAN	8.43	±9.6
10743	AAC	IEEE 802:11ax (160 MHz, MCS0, 90pc duty cycle)	WEAN	0.94	±9.6
10744	AAC	IEEE 802 11ax (160 MHz, MGS1, 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	19.6
10748	AAC	IEEE 802 11ax (160 MHz, MCSS, 90pc duty cycle)	WEAN	8.93	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	19.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
	AAC	IEEE 802 11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	19.5

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0753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
0764	AAC	EEE 802 11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	29.6
0755	AAC	IEIEE 602.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.84	19.6
0758	AAC.	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	29.6
0767	AAC	IEEE 802.11ax (160 MHz, MCS2, 98pc duty cycle)	WLAN	8.77	±9.6
0758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	3,0.6
0758	AAG	IEEE 802.11ax (160 MHz, MCS4, 98pc duty cycle)	WLAN	8.58	±9.6
0790	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.48	±9.0
0761	AAC	WEEL BOX.11ax (180 MHz, MCS8, 99pc duty cycle)	WLAN	8,58	±9.6
0762	AAC	IEEE 802 11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	18.6
0763	AAC	IEEE B02.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	19.6
2764	AAC	IEEE 802.11ax (190 MHz, MCSB, 99pc duty cycle)	WLAN	8.54	±9.ft
2765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
0766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duly cycle)	WLAN	8.51	19.6
0767	AAG	5G NR (CP-OFOM, 1 RB, 5MHz, QPSK, 15KHz)	5G NR FR1 TDD	7.99	±9.6
0768	AAE	5G NR (CP-OF0M, 1 RB, 10 MHz, QPSK, 15 kHz)	9G NR FR1 TOD	8.01	19.6
0769	AAD	SG NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FRI TOD	8.01	±9.5
0770	AAE	SG NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	50 NR FRI TDD	8.02	19.6
0771	AAD	SG NR (CP-OFDM, 1 RB, 28 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9/6
0772	AAE	SG NR (CP-OFDM, 1 R8, 30 MHz, QPSK, 15 MHz)	5G NR FRI TDD	8.23	±9.6
0773	AAF	50 NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 KHz)	SG NR FRE TOO	0.03	±0.6
0774	AAE	5G NR (CP-OFOM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FRI TDO	8.02	±9.6
-	AAF	5G NR (CP-OFDM, 50% RB, 5MHz, QPSK, 15KHz)	5G NR FR1 TDD	8.31	±9.6
0775	AAE	SG NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	29.6
0776	AAG	SG NR (CP-OFOM, 50% RB, 15 MHz, GPSK, 15 MHz)	SQ NR FR1 TDD	8.30	±8.0
	AAE	SG NR (CP-OFOM, 50% RB, 20 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.34	±9.6
0778	AAC	5G NR (CP-OFOM, 50% RB, 25 MHz, GPSK, 15 MHz)	5G NR FR1 TDD	8.42	19.6
07780	AAE	SG NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz)	5G NR FRI TOD	8.38	±9.6
	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, GPSK, 15 kHz)	56 NR FRI TOO	8.38	±9.8
0781	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	SG NR FR1 TOD	8.43	±9.6
0783	AAG	SG NR (CP-OFDM, 100% RB, SMHz, GPSK, 15kHz)	5G NFI FRI TOD	8.21	±9.6
10784	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	SG NR FRI TOD	8.29	±9.0
0785	AAD	50 NR (CP-OFDM, 100% RB, 15 MHz, GPSK, 15 kHz)	SG NR FRI TOO	8.40	±9.6
0785	AAE	50 NR (CP-OFDM, 150% RB, 20 MHz, QPSK, 15 kHz)	SQ NR FRI TOD	8.35	±9.6
0.787	AAD	50 NR (CP-OFDM, 100% RB, 25 MHz, OPSK, 154Hz)	SQ NR FRI TOO	8.44	19.8
0.788	AAE	50 NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz)	SQ NR FRI TOD	8.39	±9.6
10789	AAF	50 NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	SG NA FRI TOO	8.37	±9.0
0.790	AAE	50 NR (CP-OFDM, 100N RB, 50 MHz, GPSK, 15kHz)	SG NR FRI TOO	8.39	±9.6
	AAG	50 NR (CP-OFDM, 1 RB, 5MHz, CPSK, 30 kHz)	SG NR FRI TOO	7.83	±9.0
0791	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	SG NR FRI TOO	7.92	19.6
10793	AAD	SG NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	SG NR FRI TOO	7.95	19.6
10794	AAE	SG NR (CP OFDM, 1 AB, 20 MHz, QPSK, 30 kHz)	SG NR FRI TOO	7.82	19.6
0795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	SQ NR FRI TOO	7.64	10.0
079E	AAF	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 KHz)	5G NR FRI TDO	7.82	±9.6
10797	AAF	SG NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 KHz)	SQ NA FR1 TOD	8.01	±9.6
10798	AAE	SG NR ICP-OFDM, I RB. SOMHE, QPSK, 30kHz)	SG NA FRI TOO	7.89	±9.6
10795	AAF	SG NR (CP-CFDM, 1 RB, 80 MHz, GPSK, 30 kHz)	SG NA FRI TOD	7.93	±9.6
0.801	AAF	5G NR (CP-CFDM, 1 RB. 80 MHz, GPSK, 30 kHz)	SG NR FR1 TDD	7.88	19.0
danz	AAE	SG NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	7.87	19.6
10803	AAF	50 NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	SG NR FRI TDO	7.93	#9.6
0805	AAE	5G NR (CP-CFDM, 51% RB, 10 MHz, CPSK, 30 kHz)	5G NR FR1 TDD	8.34	19.6
Cene	AAD	SG NR (CP-CFOM, 50% RB, 15 MHz, CPSK, 30 kHz)	5G NR FR1 TDD	8.37	19.6
10809	AAE	SG NR (CP-OFDM, 50% RB, 30 MHz, CPSK, 30 MHz)	SG NR FR1 TDD	8.34	±9.6
0810	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, GPSK, 30 MHz)	5G NR FRI TOD	8.34	±9.6
0812	AAF	SG NR (CP-CFDM, 50% RB, 60 MHz, CPSK, 30 kHz)	5G NR FRI TDD	8.35	±9.6
0817	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FRI TDD	8.35	±9.6
0815	AAE	5G NR (CP-OFDM, 100% RB, 10MHz, GPSK, 30 kHz)	5G NA FRI TOD	8.34	±9.6
0819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, GPSK, 30 kHz)	5G NR FRI TOD	8.33	19.6
0830	AAF	5G NR (CP-OFDM, 100% RB, 20 MHz, GPSK, 30 kHz)	5G NR FRI TOD	8.30	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 30MHz)	SG NR FR1 TDD	8.41	±9.6
10822	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	8.41	19.6
10823	AAF	9G NR (CP-OFDM, 100% RB, 40MHz, QPSK, 30%Hz)	5G NR FR1 TDD	8.36	+9.6
	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.39	-
10000			5G NR FR1 TDD	8.41	19.6
10824	4.45				
10824 10825 10827	AAF	50 NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30%Hz) 50 NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30%Hz)	SQ NR FRI TOD	8.42	±9.5

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10822	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 38 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAE	SQ NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TD0	7,63	±9.6
0831	AAD	SG NA (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDO	7.73	±9.6
0832	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	7.74	±9.6
0833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 NHz)	5G NR FRI TDD	7,70	±9.8
0834	AAE	SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TD0	7,79	±9.6
0835	AAF	SG NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.8
0436	AAE	5G NR (CP OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6
0637	AAF	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NA FA1 TDD	7.68	1,9.6
0839	AAF	50 NR (CP-OFDM, 1 RB, 80 MHz, GPSK, 68 kHz)	5G NR FR1 TDD	7.70	#9.6
0840	AAE	5Q NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	56 NR FR1 TDD	7,67	#9.6
0841	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 80 KHz)	5G NR FR1 TDD	7,71	19.6
0843	AAD	SG NR (CP-OFOM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	19.0
0.644	AAE	5G NR (CP OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.8
0646	AAE	SG NR (CP OFDM, 50% RB, 36 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	8.61
0854	AAE	5G NR (CP-OFDM, 100% RB, 10MHz, GPSK, 60kHz)	5G NA FRI TOD	8.54	±9.6
0.858	AAD	50 NR (CP-OFDM, 100% RB, 15MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
0.856	AAE	5G NR (CP-OFOM, 100% RB, 20MHz, GPSK, 60KHz)	SO NR FR1 TOD	8.37	19.6
0857	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 60 kHz)	53 NR FR1 TOD	8.35	±9.8
0858	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 68 kHz)	SG NR FR1 TDD	8.36	3.05
0859	AAF	5G NR (CP-OFDM, 100% RB, 48 MHz, QPSK, 80 kHz)	SG NA FA1 TOD	8.34	19.6
0880	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, OPSK, 60 kHz)	SG NR FR1 TOD	8.41	±9.6
0851	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	SG NR FR1 TOD	8,40	±9.6
0863	AAF	6G NR (CP-OFDM, 100N RB, 86 MHz, QPSK, 60 kHz)	50 NR FR1 TDD	8.41	±9.6
0864	AAE	5G, NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	SG NR FR1 TDO	8.37	±9,6
0.665	NAF	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 50 kHz)	5G NR FR1 TDO	B.41	£9.8
0860	AAF	50 NR (DFT+-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 T00	5.88	13.6
6990	AAF	5G NR (DFT+-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.80	±9.6
0.665	AAE	5G NR (DFT-e-OFDM, 1 RB, 150 MHz, QPSK, 120 kHz)	SG NR FR2 TDD	5.75	±9.6
0870	AAE	SG NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	SG NR FR2 TDD	5.86	±9.6
0871	AAE	5G NR (DFT+c-OFDM, 1 RB, 100 MHz, 16QAM, 120 WHz)	5G NR FR2 TDD	5.75	±9.6
10872	AAE	5G NR (DFT-s-CFDM, 100% RB, 100 MHz, 18QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
0.873	ANE	5G-NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	50 NR FR2 TDD	8.61	#9.6
0.874	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 180 kHz)	5G NR FR2 TDD	6.65	19.6
0.875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	50 NR FFG TDD	7.78	19.6
0876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	50.NR FR2 TOD	8.39	19.6
0.877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	50 NR FR2 TDD	7.95	±9.6
0.578	AAE	9G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TOD	E-41	±9.6
0.879	AAE	5G NR (CP OFDM, 1 RB, 100 MHz, 64GAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
0880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	SG NR FR2 TDD	8.38	±9.6
10881	AAE	5G NR (DFT-s-OFDM, 1 RB, 50MHz, QPSK, 120kHz)	5G NR FR2 TDD	5.75	±9.6
0882	AAE	5G NR (DFT-6-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FRZ TDD	5.96	±9.6
0.883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	50 NR FR2 TDD	8.57	19.6
0884	AAE	5G NR (DFT-s-OFDM, 100% RB, 55 MHz, 16QAM, 120 kHz)	5G NR FRETDD	0.53	±9.6
0885	AAE	5G NR (DFT-6-OFDM, 1 RB, 50MHz, 64QAM, 1204Hz)	5G NR FRZ TDD	70.8	±9.6
0886	AAE	5G NR (DFT-e-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	0.65	±9.6
0887	AAE	5G NR (GP-OFDM, 1 RR, 50 MHz, OPSK, 120 kHz)	5G NR FRZ TDD	7,78	±9.6
9880	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 MHz)	5G NR FR2 TDD	8,35	±9.6
0.889	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 HHz)	5G NR FR2 TDD	8.02	±9.6
0890	AVE	5G NR (CP-OFOM, 100% RB, 50 MHz, 18QAM, 120 kHz)	50 NR FR2 TDD	8.40	19.6
0891	AAE	5G NR (CP-OFDM, 1 RB, 50MHz, 64QAM, 120MHz)	5G NR FR2 TDD	6.13	19.6
0.892	AAE	5G NR (CP-OFDM, 100% RB, 50MHz, 84QAM, 120MHz)	5G NR FR2 TDD	8.41	±9.6
0897	AAE	SG NR (DFT & OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
0.898	AAC	5G NR (DFT-6-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
0899	AAB	53 NR (DFT-e-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FRI TDD	5.67	±9.6
0.000	AAC	SG NR (DFT+ OFDM, 1 RB, 20 MHz, GPSK, 30 kHz)	5G NA FR1 TOD	5.68	±9.6
0101	AAB	SG NR (DFT+-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NA FAI TOD	5.68	±9.6
0.000	AAC	SG NR (DFT-6-OFDM, 1 RB, 30 MHz, QPSK, 30 MHz)	SG NA FAI TOD	5.68	±9,6
0.903	CAAC	50 NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NA FRI TOD	5.68	±9.6
0904	AAC	5G NR (OFT-6-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.68	±9.6
0905	AAD	6G NR (DFT6-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	19.6
0.000	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	50 NR FR1 TOD	5.88	±9.6
0907	AAE	5G NR (DFT-6-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	50 NR FR1 TOD	5.78	±9.6
0.908	AAC	5G NR (DFT-s-OFDM: 50% RB, 10 MHz, QPSK, 30 KHz)	50 NR FR1 TOD	5.03	±9.5
10909	AAB	5G NR (DFTs-OFOM, 50% RB, 15 MHz, QPSK, 36 kHz)	50 NR FR1 TOD	5.96	±9,5
10910	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	50 NR FR1 TOD	£.83	±9.6

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UID	Hev	Communication System Name	Group	PAR (dB)	Unc [®] k = 2
10911	AAB	5G NR (DFTs-OFDM, 50% RB, 25 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	5.90	±9.6
0912	AAC	5G NR (DFT-s-OFDM, 56% RB, 30 MHz, QPSK, 30 kHz)	5G NA FR1 TDD	9.84	±8.6
0913	AAD	5G NR (DFT-e-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	5.84	±0.6
0914	AAC	5G NR (0FT-6-0FDM, 50% RB, 50 MHz, QPSK, 30 NHz)	5G NR FR1 TDD	0.85	10.6
0915	AAD	SG NR (DFT+-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.63	±9.6
9110	AAD	9G NR (OFT-s-OFOM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.0
0917	AAD	5G NR (DFT's OFOM, 50% RB, 100 MHz, QPSK, 30 kHz)	6G NR FR1 TOD	5.54	±9.6
0918	AAE	SG NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
0919	AAC	5G NR (DFT a OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FRY TDD	5.86	±8.6
0880	AAB	5G NR (DFT a-OFDM, 100% RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
1980	AAC	5G NR (DFT-e-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	19.6
0922	AAB	SG NR (DET e-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
0923	AAG	SG NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	56 NA FRI TDO	5.84	±9.0
0924	AAD	SG NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	5.84	49.8
0925	AAC	SG NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G MR FR1 TDO	5.95	19.6
0.00%	AAD	SG NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 30 HHz)	9G MR FR1 TD0	5.84	±9.6
0927	AAD	SG NR (DFT+-DFDM, 100% RB, 80 MHz, QPSK, 30 KHz)	5G NR FR1 TDO	5.94	±9.6
2222		5G NR (DFT+-CFDM, 1005 ND, SUWEL, GFSK 374NZ)	50 NR FR1 FD0	5.52	19.6
8880	AAD		BG NR FR1 FD0	5.52	±9.6
8929	AAD	5G NR (DFT-s-OFDM, 1 R8, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDO	5.52	19.6
0930	ANG	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FRI FDD	5.51	19.6
0931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15kHz)		5.51	
0.932	AVC	SG NR (DFTs-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD		10.6
0933	AAC	5G NR (DFT-s-OFDM, 1 RB. 30 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	±9.6
0934	AAC	5G NR (DFT a OFDM, 1 RB, 40MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	±9.6
01035	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	9G NR FR1 FDD	5.51	±8.6
0936	AAD	5G NR (OFT-6-OFOM, 50% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5,90	±9.6
0937	DAA	5G NR (OFT-6-OFDM, 50% RB, 10 MHz, QPSK, 15 NHz)	50 NR FR1 FDD	5.77	19.6
0838	AAG	50 NR (DFT-e-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
0839	AAC	50 NR (DFT-e-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.8
0940	AAC	SG NR (DFT-e-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	9G NR FR1 FUD	5.89	±9.0
0941	AAC	SG NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
0942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	SG NR FR1 FOD	5.85	±9/6
0943	AAD	SG NR (DFTs-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	SO NR FRI FOD	5.95	49,6
0944	AAD	SG NR (DFTs-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	50 NR FR1 F00	5.81	19.6
0945	AAD	50 MR (DFT's OFDM, 100% RB, 10 MHz, QPSK, 15 MHz)	SG NR FRI FDD	5.85	±9.6
0946	AAC	SG NR (DFTs-DFDM, 100% RB, 18 MHz, QPSK, 18 kHz)	SQ NR FR1 F00	5.83	18.6
0947	AAC	5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FRI FDO	5.87	±9.6
0948	AAC	SG NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FRI FOO	5.94	±9.6
0949	AAG	5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.87	±9.6
0990	AAC	SG NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 16 kHz)	5G NA FRI FDD	5.94	±9.6
0951	AAD	50 NR (DFT4-OFDM, 180% RB, 50 MHz, QPSK, 15 KHz)	SG NR FRI FDD	5.92	±9.6
0962	AAA	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15NHz)	5G NR FR1 FD0	8.25	19.6
0953	AAA	50 NR DL (CP-GFDM: TM 3.1, 10 MHz, 64-GAM, 15 NHz)	50 NR FR1 FD0	8.15	±9.6
0954	AAA	SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	50 NR FR1 FD0	8.23	±9.6
0955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	SG NR FRI FDD	8.42	49.6
0956	AAA	SG NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz)	SG NR FR1 FDD	8.14	±9.6
0957	AAA	SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G MR FR1 FDD	8.31	±9.6
0958	AAA	SG NR DL (CP-OFDM, TM S.1, 16 MHz, 64-GAM, 30 HHz)	SG NR FRI FDD	8.61	29.0
0909	AAA	SG NR DL (CP-OFDM, TM 3-1, 10 MHz, 64-QAM, 30 HHz)	SG NR FR1 FDD	8.33	19.6
0990	AAE	SG NR DL (CP-OFDM, TM 3.1, 50 MHz, 84-QAM, 15 KHz)	SG NR FR1 TDD	9.32	19.6
0961	AAC	5G NR DL (CP-GFDM, 7M 3.1, 5MHz, 64-QAM, 15KHz)	SG NR FRI TDO	9.36	
0962	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 MHz)	50 NR FR1 TD0	9.36	±9.6
0963	AAC			9.40	±9.6
0963	AAE	SG NR DL (CP-OFDM, TM 3.1, 20 MHz; 84-QAM, 15kHz) SG NR DL (CP-OFDM, TM 3.1, 5MHz; 84-QAM, 30 kHz)	50 NR FR1 TD0 50 NR FR1 TD0	9.55	±9.6
	15, 40, 156		CONTRACTOR AND ADDRESS OF THE PARTY OF THE P		±9.6
0965	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 HHz)	5G NR FR1 TDD	9.37	±9.6
9900	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NA FAS TOO	8.56	±9.6
0967	AAC	SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 HHz)	\$G NR FR1 TOD	9.42	±9.6
2968	AAD	SG NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TOD	9.48	±9.6
0978	AAC	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 15KHz)	5G NR FR1 TDD	11,59	±9.6
0973	AAD	5G NR (DFT-6-OFDM, 1 RB. 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
0974	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	19.6
0978	AAA	ULLA BOR	ULLA	1.16	#9.6
0978	AAA	ULLA HDR4	DELA	8.58	±9.6
0980	AAA	ULLA HOR8	LILLA	10.32	±9.6
0981	AAA	ULLA HDRp4	ULLA	3.19	±9.6
0982	AAA	ULLA HDRo8	ULLA	3.43	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unch k = 2
10983	AAC	50 NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	56 NR FR1 TD0	9.31	g9.6
10984	AAB	50 NR DL (CP-DFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	SG NR FR1 TDD	9.42	±9.6
10085	AAC	5G MR DL (CP-QFDM, TM 3.1, 46 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10088	AAB	5G NR Dt. (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 MHz)	5G NR FRI TDO	9.50	±9.6
10087	AAC	5G NR DL (CP-OFDM, TM 3.1, (0 MHz, 84-QAM, 30 kHz)	5G NR FR1 TDO	9.53	±9.6
10988	BAA	50 NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 95 kHz)	50 NR FRI TDO	9.38	±9.6
10989	AAC	5Q NR DL (CP-OFDM: TM 3.1; 80 MHz; 64-QAM; 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAB	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 90 kHz)	5G NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NA FA1 TOD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz. 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR DL (CP OFOM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	59 NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR OL (CP-OFOM, TM 3.1, 40 MHz, 84 QAM, 15 kHz)	59 NR FR1 FOD	8,46	±9.0
11008	AAA	5G NR DL /CP-OFOM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NA FA1 FOD	8.51	19.6
11009	AAA	5G NR OL (CP-OFOM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	50 NR FR1 F00	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	SG NR FR1 FD0	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 84-QAM, 30 kHz)	5G NR FRI FDD	8.96	±9:6
11012	AAA	9G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	SG NR FRI FDO	8.66	±9.8
11013	AAB	IEEE 802 11be (320 MHz, MCS1, 99pc duty dycle)	WLAN	8.47	±9.6
11014	AAB	IEEE 802 T1be (320 MHz, MCS2, 90pc duty cycle)	WLAN	8.45	±9.6
11015	AAB	(EEE 802,11be (320 MHz, MCS3, 99pc duty cycle)	WLAN:	8.44	±9.6
11016	AAB	IEEE 802 11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAB	IEEE 802 11be (320 MHz, MC\$5, 99pc duty cycle)	WLAN	8.41	#9.6
11018	AAB	IEEE 802,11be (320 MHz, MCS6, 99pc duty cycle)	WLAN -	8.40	±9.6
11019	AAB	IEEE 802.11be (320 MHz, MCS7, 99po duty cycle)	WLAN	0.29	±9.6
11020	AAB	IEEE 802.11be (\$20 MHz, MCSR, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAB	IEEE 802.11be (320 MHz, MCS9, 98pc duty cycle)	WLAN	8.46	±9.6
11022	AAB	IEEE 802 115e (300 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAB	IEEE 802.11be (320 MHz, MCS11, 90pc duty cycle)	WLAN	8.09	£9.8
11024	AAB	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAB	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAB	JEEE 802.11be (320 MHz, MOS0, 99pc duty cycle)	WLAN	8.39	±9.5

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

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Calibration Laboratory of Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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

Accreditation No.: SCS 0108

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

Client

HCT Gyeonggi-do, Republic of Korea Certificate No.

EX-7309_Jun24

CALIBRATION CERTIFICATE

Coxect EX3DV4 - SN:7309

Calibration procedure(s)

Calibration procedure(s)

Calibration procedure(s)

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. As calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3) °C and humidity < 70%. Calibration Equipment used (MATE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	26-Mar-24 (No. 217-04036/04037)	Mar-25
Power sensor NRP-291	SN: 103244	26-Mar-24 (No. 217-04036)	Mar-25
GCP DAK-3.5 (weighted)	SN: 1249	05-Oct-23 (OCP-DAK3.5-1249_Oct23)	Oct-24
OCP DAK-12	SN: 1016	05-Oct-23 (OCP-DAK12-1016_Oct23)	Oct-24
Reference 20 dB Attenuator	SN: CC2552 (20x)	26-Mar-24 (No. 217-04046)	Mar-25
DAE4	SN: 660	23-Feb-24 (No. DAE4-680_Feb24)	Feb-25
Reference Probe EX3DV4	SN: 7349	63-Nov-23 (No. EX3-7349 Nov29)	Nov-24

Secondary Standards	ID:	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Agr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498087	66-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	66-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 E8356A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

	Name	Function	Signature
Calibrated by	Jonna Deshaj	Laboratory Technician	Milley
Approved by	Swim Köhin	Technical Manager	1. Abolk
This calibration certifical	te shall not be reproduced except in	full without written approval of the labo	Issued: June 19, 2024 ratory.

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Calibration Laboratory of Schmid & Partner

Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland

Accredited by the Swiss Accreditation Service (SAS)





8 Schweizerischer Kalibrierdienat Service suisse d'étalonnage C Servizio svizzero di taratura S Swiss Calibration Service

Accreditation No.: SCS 0108

Glossary

TSI tissue simulating liquid NORMx;y,z sensitivity in free space ConvF sensitivity in TSL / NORMx,y,z DCP diode compression point

crest factor (1/duty_cycle) of the RF signal CE A. B. C. D modulation decendent linearization parameters

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

Polarization φ ψ rotation around probe axis

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

normal to probe sxis

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 4MHz to 10 GHz)", October 2020.
- b) KDB 865684, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization ∂ = 0 (f ≤ 900MHz in TEM-cell; f > 1800MHz; R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E2-field uncertainty inside TSL (see below ConvF).
- NORMI/Ix,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 = 600MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * CorvF 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 exis). No tolerance required.
- . Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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Parameters of Probe: EX3DV4 - SN:7309

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (μV/(V/m) ²) A	0.53	0.58	0.66	±10.1%
DCP (mV) SI	102.2	103.6	106.2	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A dB	$dB\sqrt{\mu V}$	С	D dB	WR mV	Max dev.	Max Unc ^E k = 2	
0	CW	X	0.00	0.00	1.00	0.00	124.6	±0.9%	±4.7%	
		Y	0.00	0.00	1.00		147.9			
		Z	0.00	0.00	1.00		118.6	a between 12		
10352	Pulse Waveform (200Hz, 10%)	X	20.00	87,51	18.63	10.00	60.0	±2.7%	±9.6%	
	The first output of the first o	Y	1,41	60.00	5.79	STARTER.	60.0	250,000,000		
		Z	1.54	60.66	6.34		60.0			
10353	Pulse Waveform (200Hz, 20%)	X	20.00	88.80	18.35	6.99	0.08	±2.1%	±9.6%	
		Y	0.78	60.00	4.48	8	80.0	= ILEDIANTY		
		Z	0.83	60:00	4.91		80.0			
10354	Pulse Waveform (200Hz, 40%)	X	20.00	94.36	19.96	3.98	3.98	95.0 95.0	±1.7%	+9.6%
		Y	0.08	130.62	0.70				- AMM	
		Z	0.47	60.00	3.66		95.0			
10355	Pulse Waveform (200Hz, 50%)	X	20.00	108.66	25.51	2.22	120.0	±1.5%	±9.6%	
		Y	0.09	157.41	3.65		120.0			
		Z	8.92	82.78	0.25	100	120.0			
10387	QPSK Waveform, 1 MHz	X	2.10	70.07	17.70	1.00	150.0	±3.5%	±9.65	
		Y	1.93	81.34	20.30		150.0			
		Z	0.70	66.98	14.36		150.0			
10388	QPSK Waveform, 10 MHz	X	3.00	73.47	18.67	0.00	150.0	±1.2%	+9.69	
		Y	1.89	71.19	17.20	110000	150.0			
	A STATE OF THE STA	Z	1.50	67.59	15.03	Lambert 1	150.0	- principalisi		
10396	54-QAM Waveform, 100 kHz	X	3.95	77.23	22.01	3.01	150.0	±0.9%	±9.69	
		Y	1.72	65.83	17.08		150.0	50,000		
		Z	1.73	65.11	16.12	E.	150.0			
10399	64-QAM Waveform, 40 MHz	X	3.85	69.11	17.01	0.00	150.0	±1.6%	±9.69	
	The control of the second of t	Y	3.11	67.83	16.23	554577	150.0	energy (A)	5,0150	
		Z	2.91	66.63	15.45		150.0	1		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.95	66.04	15.89	0.00	150.0	+2.9%	±9.69	
75019		Y	4.13	66.80	16.04	120,000	150.0		-28/15	
		Z	3.88	66.22	15.46		150.0	1		

Note: For details on UID parameters see Appendix

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

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A The uncentainties of Norm X,Y,Z do not affect the E[®]-field uncertainty inside TSL (see Page 5).

© Linearization parameter uncertainty for maximum specified field strongth.

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



EX3DV4 - SN:7399 June 19, 2024

Parameters of Probe: EX3DV4 - SN:7309

Sensor Model Parameters

	C1 fF	C2 fF	ν ^π	T1 msV ⁻²	T2 ms V ⁻¹	T3 ms	T4 V-2	T5 V ⁻¹	T6
Х	52.7	381.52	33,99	18.24	0.00	5.05	1.95	0.09	1.01
У	12.2	89.18	34.14	1.40	0.00	4,90	0.38	0.00	1:00
Z	10.3	73.44	32.53	3.87	0.00	4.90	0.57	.0.00	1,00

Other Probe Parameters

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Sensor Arrangement	Triangular
Connector Angle	-22.3*
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

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Parameters of Probe: EX3DV4 - SN:7309

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 ^H (k = 2)
3300	38.2	2.71	8.58	6.03	6.96	0.36	1.27	±13.1%
3500	37.9	2.91	6.68	6.12	7.06	0.37	1.27	±13.1%
3700	37.7	3.12	6.63	6:07	7.01	0.37	1.27	±13.1%
3900	37.5	3.32	6,50	5,95	6.87	0.37	1,27	±13,1%
4100	37.2	3,53	6.42	5,88	6.79	0.37	1.27	±13.1%
5250	35.9	4.71	5.54	5,07	5.86	0.33	1.27	±13,1%
5600	35.5	5.07	5.04	4,62	5.33	0.29	1.27	±13.1%
5750	35.4	5.22	5.04	4.62	5,33	0.28	1.27	±13.1%
5800	35.3	5.27	5.05	4.62	5.34	0.27	1.27	±13.1%

Frequency validity above 300 MHz of ±100 MHz only applies for DASY v8.4 and higher (see Page 2), who it is restricted to ±50 MHz. The uncertainty is the RSS of the Cash-Funcentiality at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 55 and 70 MHz by Cash-Fissessment at 30, 54, 128, 150 and 200 MHz respectively. Validity of Convil assessed at 5 MHz is 4-9 MHz, and Convil assessed at 15 MHz is 5-19 MHz. Allow 5 SHz frequency validity can be extended to ±110 MHz.

The probes are calibrated using Sales shrulating liquide (TSL) that deviate for z and or by less than ±5% from the larget values (typically before than ±3%) and are valid for TSL with deviations of up to ±10% if SAR convexion is applied.

Alpha/Depth and determined during calibration. SPEAS searants that the remaining deviation due to the boundary effect after companisation is always fees than ±1% for frequencies believe 3 SHz and below ±2% for frequencies between 3-6 GHz at any distance larger than fall the probe by diameter from the boundary.

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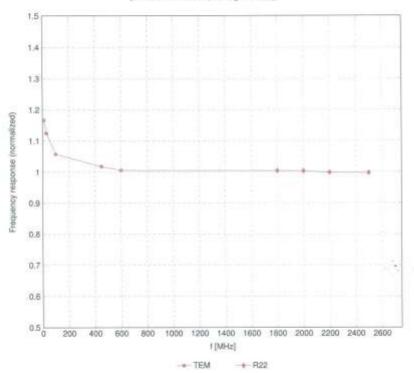
¹¹ The stated uncertainty is the total calibration uncertainty (8 - 2) of Norm-Con/F. Therefore, The uncertainty stated is equivalent to the uncertainty companent with the symbol OF in Table 8 of IEC/IEEE 52209-1528:2020.



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Frequency Response of E-Field

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



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

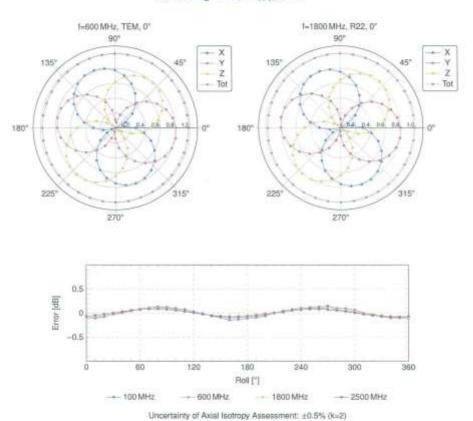
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Receiving Pattern (ϕ), $\theta = 0^{\circ}$



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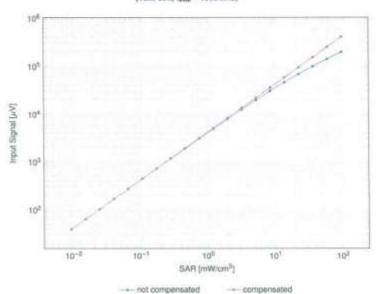
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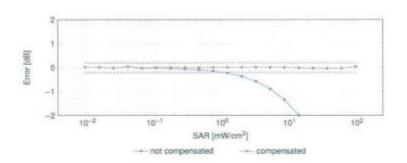


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Dynamic Range f(SAR_{head})

(TEM cell, f_{evel} = 1900 MHz)





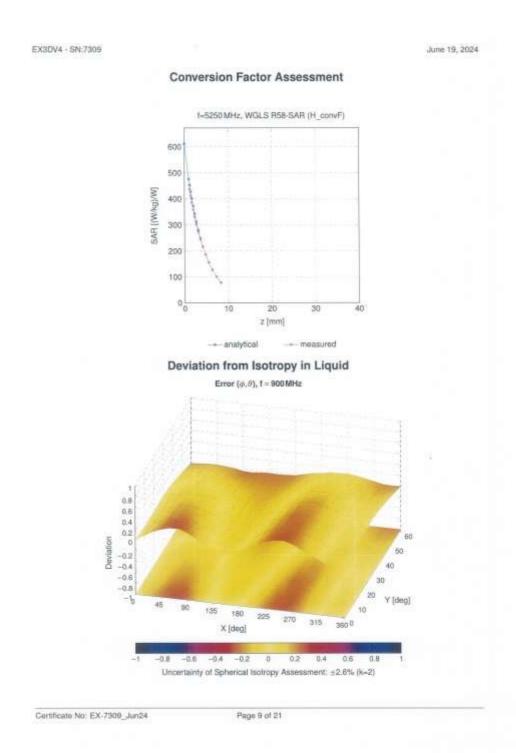
Uncertainty of Linearity Assessment: ±0.6% (k=2)

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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E h = 2
.0		CW	OW	0.00	±4.7
0010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
1100	CAC	UMTS-FDD (WCDMA)	WGQMA	2.91	±9.6
0012	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
0013	CAB	IEEE 902,11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
1800	DAC	GSM-FDD (TDMA, QMSK)	GSM	9.39	±9.6
0023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	8.67	+9.6
0024	DAG	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.58	±9.6
0025	DAG	EDGE-FDD (TOMA, 8PSK, TN ti)	GSM	12.62	±9.8
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4,80	±9.6
10 02B	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	19.0
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-25	GSM	7,78	±9.6
10030	CAA	IEEE 802.15.1 Bluerooth (GFSK, DH1)	Bluetooth	5.30	±8.0
10031	CAA	(EEE 802.15.1 Bluetooth (GFSK, DH0)	Bluetooth	1.87	19.6
10032	CAA	(EEE 802.15.1 Bluetooth (GFSK, DHS)	Hauetooth	1.16	15.6
10033	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH1)	Bluetooth	7.74	19.6
10034	CAA	IEEE 800.10.1 Bluetoots (PV4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10036	CAA	EEE 802 15.1 Bluetooth (PV4-DQPSK, DHS)	Bluetooth	3.83	±9.6
10036	CAA	EEE BOX 15.1 Bluetooth (B-DPSK, DH1)	Biuesoon	8.01	19.6
0037	CAA	EEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	+9.6
10037	CAA	EEE 802,15.1 Bluetooth (8-DPSK DHS)	Bluetooth	6.10	±9.6
10039	CAB	COMAZODO (1xRTT, RC1)	CDMA2000	4.57	±8.0
10042	CAB	15-54 / IS-136 POD (TDMA/FDM, PV4-DQPSK, Halfrala)	AMPS	7.78	19.6
10044	CAA	IS-91/EJA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	+9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	19.6
10.049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±0.0
			TD-SCDMA	11,01	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	GSM	6.52	±9.6
10,058		EDGE-FDO (TDMA, &PSK, TN 0-1-2-3)	WLAN	2.12	19.6
10059	CAB	IEEE 802.116 WIFI 2.4 GHz (DSSS, 2 Mops)	WLAN	2.83	19.8
10060	CAS	IEEE 802.11b WIFI 2,4 GHz (DSSS, 5.5 Mbps)		3.60	_
10081	CAB	IEEE 802.116 WIFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	The second secon	1.02
10062	CAE	IEEE 002,11a/h W/FI S GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.0
10063	CAE	EEE 802,11 sh WFI 5 GHz (OFDM, 9 Mbps)	WLAN	9.09	19.6
10064	CAE	IEEE 802,11ah WIFI 5 GHz (OFDM, 12 Mbps)	WLAN		-
10065	CAE	IEEE 802,11ah WIFI 5 GHz (DFDM, 18 Mbps)	WLAN	9.00	19.6
10066	CAE	IEEE 802,11a/t WFI 5 GHz (OFDM, 24 Mbps)	WI,AN	9.38	±9.6
10067	CAE	IEEE 802.11ah WIFI 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAE	IEEE 802,11ah WFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±8.6
10069	CAE	IEEE 802.11ah WIFI 5 GHz (OFDM, 54 Mbps)	WLAN	18.58	±8.6
10071	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WIFI 2.4 GHz (D585/OFDM, 12Mbps)	WLAN	9,62	±9.6
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9,94	±9.6
10074	CAB	HEEE 802.11g WiFi 2.4 GHz (DSSS/OFGM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WEAN	10.77	±9.6
10078	CAB	IEEE 802.1 (g WIFI 2.4 GHz (DSSS/DFDM, 48 Mbps)	WLAN	10,94	1,9,6
10:077	CAB	(EEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	19.6
10081	CAB	CDMA2000 (5xRTT, RC3)	CDMA2000	3.97	1.0.0
10:082	CAB	IS-54 / IS-156 FDO (TDMA/FDM; PI4-DQPSX, Fulliate)	AMPS	4.77	19.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6,56	±8.6
10097	CAC	UMTS-FDD (HSDPA)	WGDMA	3.98	19.8
10098	DAG	UMTS-FDD (HSUPA, Subtret 2)	WCDMA	3.98	19.0
10000	DAG	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	F8.0
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FD0	5.67	18.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 18-QAM)	13E-FDD	6.42	£9.8
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	2,9,0
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	19.6
10104	CAH	LTE-TDD (SC-FDMA, 100N, RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	19.8
10105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LYE-YOD	10.01	±9.0
10108	CAH	LTE-FDB (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	19.6
10109	CAH	LTE-FDD (8C-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-FDD	5.75	3.81
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	0.44	+9.0

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URD	Rev	Communication System Name	Group	PAR (dB)	Une h =
0112	CAH	LTE-FDD (BC-FDMA, 100% RB, 10MHz, 64-GAM)	UE FOO	0.59	±9.6
0113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-FDD	6.62	#9.6
0114	CAE	IEEE 802.11n (HT Greenfield, 13.5 Mops, BPSK)	WLAN	8.10	#9.6
3115	CAE	IEEE 802,11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±0.0
1116	CAE	IEEE 802.11n (HT Greenfield, 135 Mbps. 64-QAM)	WLAN	8.15	±9.6
1117	CAE	IEEE 802.11n (HT Mixed, 13,5 Mbps, BPSK)	WLAN	8.07	±9.6
23.18	CAE	IEEE 802.11n (HT Mixed, 81 Mops, 16-GAM)	WLAN	8.59	19.6
1119	CAE	IEEE 802,11# (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
0.140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 16-GAM)	LTE-FDD	6.49	±9.6
0141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-GAM)	LTE-FOO	0.53	±9:8
0142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-FOO	5.73	±9.6
0143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-F00	6.35	±9.5
0144	CAF.	LTE-FDD (SC-FDMA, 100% RB, 3MHz, 64-QAM)	LTE-F00	6.65	19.6
0145	CAG	LTE-F00 (SC-F0MA, 100% RB, 1.4 MHz, QPSK)	LTE-F00	5.76	10.6
0146	CAG	LTE-FDD (SC-FDMA, 100% RE, 1.4 MHz, 10-GAM)	LTE+00	6.41	±9.0
8147	CAG	LTE FDD (SC FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDO	6.72	±9.6
0149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
0150	CAF.	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.8
0151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.38	±9.6
0152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TOD	0.92	±9.6
10 153	CAH	LTE-TOD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TOD	10.06	49.0
0.154	CAH	LTE-FDD (SC-FDMA, 50% RIB. 16 MHz, QPSK)	LTE-F00	5,75	±9.6
10:155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-F00	6,43	±9,6
10:158	CAH	LTE FDD (SC-FDMA, 50% PB, 5 MHz, QPSK)	LTE-FOD	5.79	±9.6
0.157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 16-QAM)	LTIL-FDD	8.49	197
0158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE#00	6.62	±9,1
10 150	CAH	LTE-FDD (SC-FDMA, 50% R8, 5 MHz, 64-QAM)	LTE-FOO	0.56	±9.6
10166	CAF	LTE-F00 (SC-F0MA, 50% RB), 15 MHz, QPSK)	LTE-FDO	5,82	#9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 18-GAM)	LTE-FDD	6,43	19.6
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 64-QAM)	LTE-F00	6.58	±9.0
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FD0	5,46	±9.0
10167	CAG	LYE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM)	LTE FDO	5.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 59% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, QPSR)	LTE-F00	5.73	331.0
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	CTE-FOD	0.52	±9.0
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 2DMHz, 64-GAM)	LTE-FDD	6.49	±9.6
10172	CAH	LTE-TOD (SC-FDMA, 1 R8, 20 MHz, QPSK)	LTE-700	9.21	19.6
10:573	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TOD	9.48	±0.0
10174	CAH	LTE-TDD (BC-FDMA, 1 RB, 20 MHz, 64-GAM)	LTE-TOD	10.25	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FOD:	15.72	8.975
10.176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-GAM)	LTE-FOO	6.52	±9.6
10177	CAL	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QP5K)	LTE-FDD	5.73	5.9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±0.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 84-QAM)	LTE-FDD	6.50	+93
10190	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-FDD	6.50	19.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FD0	5.72	1,9.1
10.152	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LYE-FDD	6.52	±9.1
10183	AAE	LTE-FD0 (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FD0	6,50	1.9.1
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-FD0	5.73	19.
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, SMHz, 18-QAM)	LTE-FD0	5.51	19.5
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	CTE-FDO	6,50	1,0,1
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, QPSK)	LTE-FD0	5.73	19
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1 AMHU, 18-QAM)	LTE-FDD	6.52	193
10189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FD0	8.50	69.
10193	CAE	EEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±0.0
10104	CAE	EEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±0.0
10195	CAE	EEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.
10100	CAE	IEEE 802.11n (HT Missel, 6.5 Mbgsr, BPSK)	WLAN	8.10	89.
10197	CAL	IEEE 80E 11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	6.13	#9.
10198	CAE	EEE 802.11n (HT Mosd, 65 Mbps, 64-GAM)	WLAN	8.27	a 9.
10219	CAE	EEE 802.11n (HT Mixed, 7.2 Mbps, SPSK)	WLAN	0.00	±9.
10220	CAE	IEEE 802.11n (HT Mixed, 45.3 Mbps, 16-QAM)	WLAN	8.13	±8.0
10221	CAE	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
10222	CAE	IEEE 802.11n (HT Mixed, 15 Mops, 8PSK)	WLAN	8.06	#9.5
10223	CAE	IEEE 802.11rr (HT Mixed, 90 Mbps, 16-GAM)	WLAN	0.48	697
10224	CAE	IEEE 802.11n (HT Mixed, 150 Mbps, 84-QAM)	WLAN	8.08	+9.0

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UMTS-FOD (ISPA-) LTE-TOD (SC-FDMA, 1 RB, 1,4 MHz, 16-QAM) LTE-TOD (SC-FDMA, 1 RB, 1,4 MHz, 64-QAM) LTE-TOD (SC-FDMA, 1 RB, 1,4 MHz, 64-QAM) LTE-TOD (SC-FDMA, 1 RB, 2 MHz, 14-QAM) LTE-TOD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-TOD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-TOD (SC-FDMA, 1 RB, 5 MHz, 18-QAM) LTE-TOD (SC-FDMA, 1 RB, 5 MHz, 18-QAM) LTE-TOD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-TOD (SC-FDMA, 1 RB, 10 MHz, 18-QAM) LTE-TOD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-TOD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-TOD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-TOD (SC-FDMA, 1 RB, 16 MHz, 64-QAM) LTE-TOD (SC-FDMA, 1 RB, 16 MHz, 64-QAM) LTE-TOD (SC-FDMA, 50% RB, 1 4 MHz, 84-QAM) LTE-TOD (SC-FDMA, 50% RB, 1 4 MHz, 84-QAM)	WCOMA LTE-TOD	9.49 9.49 10.26 9.48 10.25 9.48 10.25 9.48 10.25 9.48 10.25	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.8 ±9.8 ±9.8
LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, QFSK) LTE-TDD (SC-FDMA, 1 RB, 2 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50-SR, 1, 4 MHz, 18-QAM) LTE-TDD (SC-FDMA, 50-SR, 1, 4 MHz, 18-QAM) LTE-TDD (SC-FDMA, 50-SR, 1, 4 MHz, 18-QAM)	LTE-TOO	10,26 9,22 9,48 10,25 9,19 9,48 10,25 9,21 9,48 10,25 9,21 9,48 10,25 8,21 9,48	19.6 19.6 19.6 19.6 19.6 19.8 19.8 19.8 19.8 19.8
LTE-TDD (SC-FDMA, 1 RB, 1,4MHz, GPSK) LTE-TDD (SC-FDMA, 1 RB, 3MHz, 1e-CAM) LTE-TDD (SC-FDMA, 1 RB, 3MHz, 1e-CAM) LTE-TDD (SC-FDMA, 1 RB, 5MHz, GPSK) LTE-TDD (SC-FDMA, 1 RB, 10MHz, 64-CAM) LTE-TDD (SC-FDMA, 1 RB, 15MHz, GPSK) LTE-TDD (SC-FDMA, 1 RB, 1 MHz, GPSK) LTE-TDD (SC-FDMA, 5 RB, 1 MHz, 4 GAM)	LTE-TOO	9,48 10,25 9,19 9,48 10,25 9,21 9,48 10,25 9,21 9,48 10,25 9,21	±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.8 ±9.8
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 16 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 16 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 16 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 16 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 18 MHz, 18-QAM) LTE-TDD (SC-FDMA, 10-RB, 1 A MHz, 18-QAM) LTE-TDD (SC-FDMA, 50-RB, 1 A MHz, 18-QAM) LTE-TDD (SC-FDMA, 50-RB, 1 A MHz, 18-QAM)	LTE-TDD	9,48 10,25 9,19 9,46 10,25 9,21 9,46 10,25 8,21	±9.5 ±9.5 ±9.6 ±9.8 ±9.6 ±9.6
LTE-TDD (SC-FDMA, 1 RB, 0 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0 PSK) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 15-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 15-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 15-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 15-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 15-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-TDD (SC-FDMA, 5 ML, 1 MHz, 0 PSK) LTE-TDD (SC-FDMA, 5 ML, 1 MHz, 1 RD QAM) LTE-TDD (SC-FDMA, 5 ML, 1 MHz, 1 RD QAM) LTE-TDD (SC-FDMA, 5 ML, 1 MHz, 1 RD QAM)	LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD	10.25 9.19 9.46 10.25 9.21 9.48 10.25 8.21	±9.5 ±9.6 ±9.6 ±9.6 ±9.6
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 18-CAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-CAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-CAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 18-CAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-CAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-CAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-CAM) LTE-TDD (SC-FDMA, 5 RB, 1,4 MHz, 84-CAM) LTE-TDD (SC-FDMA, 5 RB, 1,4 MHz, 84-CAM) LTE-TDD (SC-FDMA, 5 RB, 1,4 MHz, 84-CAM)	LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD	9.19 9.46 10.25 9.21 9.46 10.25 8.21	±9.6 ±9.8 ±9.6 ±5.6
LTE-TDD (SC-FDMA, 1 RB, 5MHz, 18-QAM) LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 5MHz, GPSK) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 18-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 15MHz, 18-QAM) LTE-TDD (SC-FDMA, 1 RB, 15MHz, 18-QAM) LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 64-QAM) LTE-TDD (SC-FDMA, 5 RB, 1 MHz, 18-QAM)	LTE-TOO LTE-TOO LTE-TOO LTE-TOO LTE-TOO LTE-TOO LTE-TOO	9,48 10,25 9,21 9,46 10,25 8,21	±9.6 ±9.6 ±9.6 ±9.6
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 6PSK) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 15-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 15-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM)	LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD	10.25 9.21 9.45 10.25 9.21	±9.5 ±5.6 ±9.6
LTE-TDD (SC-FDMA, 1 RB, 5MHz, GPSK) LTE-TDD (SC-FDMA, 1 RB, 10MHz, 18-GAW) LTE-TDD (SC-FDMA, 1 RB, 10MHz, 64-GAW) LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-GAW) LTE-TDD (SC-FDMA, 50% RB, 1,4MHz, 18-GAW) LTE-TDD (SC-FDMA, 50% RB, 1,4MHz, 18-GAW) LTE-TDD (SC-FDMA, 50% RB, 1,4MHz, 18-GAW)	LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD	9.21 9.46 10.25 9.21	±9.6
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 18-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QFSK) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 18-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-TDD (SC-FDMA, 50 RB, 1,4 MHz, 18-QAM) LTE-TDD (SC-FDMA, 50 RB, 1,4 MHz, 84-QAM)	LTE-TOD LTE-TOD LTE-TOD LTE-TOD	9.48 10.25 9.21	±9.6
LTE-TDD (SC-FDMA, 1 RB, 16 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 16 MHz, QFSK) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 15-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 16 MHz, QFSK) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM)	LTE-TOD LTE-TOD	10.25 9.21	
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, GPSK) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0 PSK) LTE-TDD (SC-FDMA, 50% RB, 1,4 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 1,4 MHz, 84-QAM)	LTE-TOD LTE-TOD	9.21	+9.6
LTE-TDD (SC-FDMA, 1 RB, 15MHz, 16-QAM) UE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM) LTE-TDD (SC-FDMA, 50% RB, 1,4 MHz, 16-QAM) LTE-TDD (SC-FDMA, 50% RB, 1,4 MHz, 84-QAM)	LTE-TOD		
LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-OAM) LTE-TDD (SC-FDMA, 1 RB, 16MHz, 0FSK) LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 18-QAM) LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 84-QAM)		0.48	±9.6
LTE-TDD (SC-FDMA, 1-RB, 16 MHz, CPSK) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 18-DAM) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 84-QAM)	LTE-TOD		19.6
LTE-TDD (SC-FDMA, 50% FIB, 1,4 MHz, 18-QAM) LTE-TDD (SC-FDMA, 50% FIB, 1,4 MHz, 84-QAM)		10.25	±9.6
LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TOO	9,21	3.8±
	LTE-TOD	9.82	±9.6
THE THOUGH BRAIN TON DR 1 AMM - CHEN	LTE-TOO	9.86	±9.6
LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TOO	9.46	±9,6
LTE-TOD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-TOO	10.06	±9.0
LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-TD0	10.06	19.6
LTE-TOD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-100	9.30	19.6
LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-GAM)	LTE-TD0	9.91	19.6
LTE-TDO (SC-FDMA, 50% RB, SMHz, 64-QAM)	LYE-TOO	10.09	8,9,8
LTE-TDG (SC-FDMA, 50% RB, 5MHz, QPSK)	LTE-TDD	9.29	±9.0
LTE-TDD (SC-FDMA, 50% RB, 10MHz, 16-QAM)	LTE-TDD	9.81	19.6
LTE-TDD (SC-PDMA, 50% PB, 10MHz, 64-QAM)	LTE-TOD	10.17	±9.6
LTE-TDD (SC-FDMA, 50% RB, 10MHz, QPSK)	LTE-TOD	0.24	±9.6
LTE-TOD (SC-FDMA, 50% RB, 15MHz, 16-QAM)	LTE-TOD	9.90	±9.0
LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM)	LTE-TOD	10,14	±9.6
LTE-TDD (SC-FDMA, 50% R8, 15 MHz, QPSK)	LTE-TOD	9,20	19.6
LTE-TDD (SC-FDMA, 100%-RB, 1.4MHz, 16-QAM)	LTE-TDD	9.96	49.6
LTE-TOD (SC-FOMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TOD	10.08	±8.6
LTE-TDD (SC-FOMA, 109% RB, 1.4 MHz, QPSK)	LTE-TOD	9.34	19.6
LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-GAM)	LTE-TOO	9.58	±9.6
LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TOO	9,97	±9.6
LTE-TOD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDO	9.24	±9.6
LTE-TDD (SC-FDMA, 100% RB, 5 MHz. 16-GAM)	LTE-TDD	9.83	1.0.6
LTE-TDD (SC-FDMA, 180% RB, 6MHz, 64-GAM)	LTE-TDO	10.16	3,9,B
LTE-TOD (SC-FDMA, 100% RB, 9 MHz, QPSK)	LTE-TDO	9.23	±9.6
LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM)	LTE-TD0	9.92	±9.0
LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TD0	10.07	1:0.6
LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TOD LTE-TOD	9.30	1/9.R
LTE-TDD (SC-FDMA, 100% RB, 16 MHz, 16-GAM)		10.00	±9.0
LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 84-QAM)	LTE-TOD	9.58	±8.6 ±9.6
LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TOD WGDMA	4.87	
UMTS-FDD (HSUPA, Subsect 5, 3GPP Rel6.10)	WCDMA	-	99.6
UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) PHS (GPSK)	PHS	3.96	±8.6
	PHS	11.81	19.6
PHS (CPSK, IIW 804 MHz, Ratioff 0.5)	PHS	12.18	19.6
PHS (GPSK, 8W 884MHz, Rolloff 0.38) COMA2000, RC1, SOSS, Full Rate	COMA2080	3.91	±0.6
COMA2000, RCJ, SOSS, Full Halls.	CDMA2000	3.46	19.6
COMA2000, PiC3, SCI35, Full Patie	CDMA2000	3.38	19.6
COMA2000, RC3, SC32, Full Pate COMA2000, RC3, SC32, Full Rate	CDMA2000	3.50	19.0
			±0.6
	The second secon	The second second second	±9.6
			19.6
			49.6
THE ETIT OF STREET SING THE TERMS TO CLASS.	0.000		±8.6
	A TANK TO SEE THE SECOND SECON	A CONTRACTOR ASSOCIATION OF	±8.6
LTE-FDD (SC-FCMA, 50% RB, 3MHz, 64-QAM)			±9.6
LTE-FDD (SC-FCMA, 50% RB, 3 MHz, 64-QAM) IEEE 802:166 WIMAX (29:18, 5ms, 10 MHz, QPSK, PUSC)			
LTE-FOD (SC-FCMA, 50% RB, 3MHz, 64-QAM) IEEE 802.166 WIMAX (29:18, 5ms, 10 MHz, QPSK, PUSC) IEEE 802.166 WIMAX (29:18, 5ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)			19.6
LTE-FDD (SC-FCMA, 50% RB, 3MHz; 64-QAM) IEEE 802:166 WMAX (25:18, 5ms; 10 MHz; QPSK, PUSC) IEEE 802:166 WMAX (25:18, 5ms; 10 MHz; QPSK, PUSC; 3 CTRL symbols) IEEE 802:166 WMAX (31:15, 5ms; 10 MHz; 64QAM, PUSC)			A CONTRACTOR OF THE PARTY OF TH
LTE-FDD (SC-FCMA, 50% RB, 3MHz, 64-QAM) EEE 802-15e WMAX (25-18, 5ms, 10 MHz, QPSK, PUSC) EEE 802-16e WMAX (25-18, 5ms, 10 MHz, QPSK, PUSC, 3-CTRL symbols) EEE 802-16e WMAX (3115, 5ms, 10 MHz, 84-QAM, PUSC) IEEE 802-16e WMAX (3115, 5ms, 10 MHz, 84-QAM, PUSC)		15.24	19.6
1	COMADDO, RC1, SO3, 1/8th Rain (25 h), TE-FDD (SC-FOMA, SO%, RB, 20 MHz, QPSK) TE-FDD (SC-FOMA, SO%, RB, 3 MHz, QPSK) TE-FDD (SC-FOMA, SO%, RB, 3 MHz, 16-QAM) TE-FDD (SC-FOMA, SO%, RB, 3 MHz, 64-QAM) EEE 802, 166 WMAX (25-18, 5-ms, 10 MHz, QPSK, PUSC) EEE 802, 166 WMAX (25-18, 5-ms, 10 MHz, QPSK, PUSC) EEE 802, 166 WMAX (25-18, 5-ms, 10 MHz, GPGM, PUSC) EEE 802, 166 WMAX (25-18, 5-ms, 10 MHz, S4QAM, PUSC) EEE 802, 166 WMAX (25-18, 5-ms, 10 MHz, S4QAM, PUSC)	CDMA2500, RC1, SO3, 1:8m Rate 25 h; CDMA25000 CTE-FDD (SC-FDMA, 50%, RB, 20MHz, OPSK) CTE-FDD (SC-FDMA, 50%, RB, 20MHz, OPSK) CTE-FDD (SC-FDMA, 50%, RB, 3MHz, 16-GAM) CTE-FDD (SC-FDMA, 50%, RB, 3MHz, 16-GAM) CTE-FDD (SC-FDMA, 50%, RB, 3MHz, 64-GAM) CTE-FDD (SC-FDMA, SD%, RB, 50%, RDMA2, CTE-FDD (SC-FDMA, SD%, RB, 3MHz, 64-GAM) CTE-FDD (SC-FDMA, SD%, RB, 3MHz, SD%, RDMA2, STEEL SD%, RDMA2, SD%	COMAZDOO, RC1, SO3, 1:8th Rate 25 ft. COMAZDOO 12.49 TE-FDD (SC-FDMA, SO'S, RB, 20MHz, OPSK) LTE-FDD 5.81 TE-FDD (SC-FDMA, SO'S, RB, 3MHz, OPSK) LTE-FDD 5.81 TE-FDD (SC-FDMA, SO'S, RB, 3MHz, 16-GAM) LTE-FDD 6.39 TE-FDD (SC-FDMA, SO'S, RB, 3MHz, 56-GAM) LTE-FDD 6.39 TE-FDD (SC-FDMA, SO'S, RB, 3MHz, 56-GAM) LTE-FDD 6.80 TE-FDD (SC-FDMA, SO'S, RB, 3MHz, 56-GAM) LTE-FDD 6.80 TE-FDD (SC-FDMA, SO'S, RB, 3MHz, 56-GAM) LTE-FDD COMMAX 12.51 TE-FDD (SC-FDMA, SO'S, RB, 3MHz, 50-GAM) UNIVERSITY WIMAX 12.51 TE-FDD (SC-FDMA, SO'S, RB, 3MHz, 50-GAM, PUSC) WIMAX 12.51 TE-FDD (SC-FDMA, SO'S, RB, 10 MHz, 64-GAM, PUSC) WIMAX 12.51 TE-FDD (SC-FDMA, SO'S, RB, 10 MHz, 64-GAM, PUSC) WIMAX 13.81 TE-FDD (SC-FDMA, SO'S, RB, 10 MHz, 64-GAM, PUSC) WIMAX 13.81 TE-FDD (SC-FDMA, SO'S, RB, 20 MMX (SC-RB, SO'S, RB, 10 MHz, 64-GAM, PUSC) WIMAX 13.81 TE-FDD (SC-FDMA, SO'S, RB, 20 MMX (SC-RB, SO'S, RB, 20 MMZ, SC-RB, SC-RB, 20 MMZ,

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E R ~ 2
10307	AAA	IEEE 882,16e WIMAX (29.18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WIMAX	14.49	±9.0
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 (20:18, 10 ms, 10 MHz, 16 QAM, AMC 2x3, 18 symbols)	WMAX	14.58	±9.6
10310	AAA	IEEE 802.16e WIMAX (29:16, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WMAX	14.57	19.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-FDD	5.06	1.0.8
10313	AAA	IDEN 1.3	IDEN	10,01	±9.6
10914	AAA	IDEN 1:6	IDEN	13.48	±9.6
10315	AAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WEAN	1,71	19.6
10316	AAB	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN.	8.36	±9.6
10317	AAE	IEEE 802.11a WiFi 5 GHz (OFGM, 8 Mbps, 98pc duty cycle)	WLAN	8.36	19.6
10352	AAA.	Pulse Waveform (200Hz, 10%)	Generic	10.00	19.6
10353	AAA	Pulse Weveturn (200Hz, 20%)	Generic	6.99	±9.0
10354	AAA	Pulsa Waveform (200Hz, 40%)	Generic	3.98	±9.0
10355	AAA	Pulse Waveform (200Hz, 60%)	Garrenic	2.22	±9.6
10356	AAA	Pulse Waveform (200Hz, 88%)	Generic:	0.97	±9.6
10387	AAA	QPSK Wawterm, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 19 MHz	Generic	5.22	±9.6
10396	AAA	54-QAM Waveform, 100 kHz	Generic	6.27	±9.€
10399	AAA	64-QAM Wswelorm, 40 MHz	Generic	6.27	±9,6
10400	AAF	IEEE 802.11ac W/F (20 MHz, 64-QAM, 19pc duty cycle)	WLAN	8.37	1.9.6
10401	AAF	IEEE 802.11ac WIFI (40 MHz, 64-QAM, 95pc duty cycle)	WLAN	8.60	±9.8
10402	AAF	IEEE 802.11ac WIFI (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8,53	±9.8
10400	AAB	CDMA2006 (1xEV-DC, Rev. 9)	CDMA2000	3.76	±9.fi
10.404	AAB	CDMA2000 (1xEV-DO, Rex. A)	CDMA2000	3.77	1:9.6
10.408	AAB	CDMA2000, RG3, SG92, SCH0, Full Rate	COMA2000	5.27	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subtrame+2,3,4,7,8,9, Subtrame Corti-4)	LTE-TOD	7.82	19.6
10414	AAA	WLAN CCOF, 64-QAM, 40 MHz	Generic	8.54	19.6
10415	AAA	EEE 802 11b WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	19.6
10416	AAA	EEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	0.23	±9.6
10417	AAD	IEEE 802.11a/h WIFI 5 GHz OFDM, 6 Mbps, 98pc duty cycle)	WLAN	8.21	±9.6
10.418	AAA	IEEE 802,11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps. 99pc duty cycle, Long preambule)	WLAN	8.14	#8.6
10419	AAA	EEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 89pc duty cycle, Short presmbule)	WLAN	8.10	£0.0
10422	AAD	IEEE 802.11n (HT Greenfield, 7.2Mbps, BPSK)	WLAN	8.32	±8.6
10423	AAD	IEEE 800.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8,47	19.6
10424	AAD	IEEE 802,11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	19.6
10425	AAD	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9,6
1042fi	AAD	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-GAM)	WLAN	8.40	19.0
10427	AAD	IEEE 802.11n (HT Greenfield, 150Mbps, 84-GAM)	WLAN	8,41	£9.6
10430	AAE	LTE-FDD (OFDMA, 6 MHz, E-7M 9.1)	LTE-FDD	8.28	19.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LYE-FOO	The second second	±9.6
10432	AAD	LTE-FOD (OFDMA, 15MHz, E-TM 3.1)	LTE-FOO	8,34	±9.0
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	£9.fi
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	MCOWA	8.60 7.62	19.6
10435	AAG	LTE-TOO (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2.3.4,7.8.9)	LTE-TOO	7.56	£9.0 £9.6
-	AAE	LTE-FDD (DFDMA, 5MHz, E-TM 3.1, Clipping 44%)		1000000	_
10448	AAE	LTE-FDD (OFDMA, 16 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10448	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1, Cliping 44%)	LTE-FOD	7.51	5.9.6 5.9.6
10450	AAB	LTE-FD0 (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) W-CDMA (9S Test Model 1, 64 DPCH, Clipping 44%)	WCOMA	7.59	29.6
	AAE	LONG TO A DO BUT A LONG TO A DO SUNTE CONTROL OF THE SUNTE CONTROL OF TH	Test	10.00	29.6 29.6
10453	LAAD	Validation (Square, 10 ms, 1 ms) IEEE 802,11ac WFi (180 MHz, 64-QAM, 38pc duty cycle)	WLAN	8.63	29.6 29.6
	4		WCDMA	-	-
10457	BAA	UMTS-FDD (DC-HBDPA) CDMA2000 (1xEV-DD, Rev. B, 2 carriers)	COMA2000	6.62	19.6
10450	AAA		CDMA2000	8.25	19.6
	AAB	COMA2000 (1xEV-DO, Rev. B, 3 carriers)	WCDMA	2.39	
10461	AAG	UMTS-FDD (WCDMA, AMR) UTS-TDD (SC-FDMA, 1 RB, 1-4MHz, QPSK, UL Subframe=2.3.4.7.6.8)	LTE-TOD	7.82	±0.8
1046E	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4.7 8,9)	LTE-TOD	8.30	19.6
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 19-GAM, UL Subhame-2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 84-GAM, UL Subhame-2,3,4,7,8,9)	LTE-TOD	8.30	19.6
	111111	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK, UL Subhame=2,3,4,7,8,9)	LTE-TOD	7.82	±0.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM, UL Subriame=2.3.4.7.8.9)	LTE-TOD	8.32	+9.6
10465	AAD	LTE-TDD (SC-F0MA, 1 RB, 3 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
	AAG		LTE-TOD	7.82	
10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GFSK, UL Subtrame=2.3.4,7.8.9)	LTE-TOD	B.32	±9.6
	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subhama-2,3,4,7,8,9)	LTE-TOD	8.50	±9.6
	or Physical Control of the Phy	ALEST LOW DAVIE WHIN, T. THE, 2 SET U., 199-LAND. LEE DODGETHER LOCAL, C. (1990)	1-1-12-12-12-12	0.70	20.0
10469	ediction to rein	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subtrame=2,3.4,7,8,8)	LTE-TOD	7.82	19.6

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10472	AAG	LYE-TOD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subhame-2,3,4,7,8,9)	176-100	8.57	±9.6
10473	AAF	LTE-TD0 (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subhame=2.3,4,7.8.9)	LTE-TD0	7.82	19.6
10474	AAF	LTE-TDO (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sabhame=2.3,4,7,8,9)	LTE-T00	6.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subhame=2,5.4,7.6.9)	LTE-TOD	8.57	19.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-GAM, UL Sutthame=2.3.4.7.8.9)	LTE-YDD	8.32	+9.6
10 478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 54-QAM, UL Subhame=2.3.4.7.8.9)	LTE-TOD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB. 1.4 MHz, QPSK, UL Subhame-2.3.4,7.8.9)	LTE-TOD	7.74	±9.6
10480	AAC	LTE-TDD (SG-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe-2.0.4.7.8.9)	LTE-TOD	8.18	19.6
10481	AAC	LTE TDD (SC FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2.3.4.7.6.9)	LTE-TOD	8.45	±9.6
10482	AAD	LTE-TD0 (SC-FDMA, 50% RB, 3MHz, QPSK, UL Subtrame-(2.3.4.7.8.9)	LTE-TOD	7,71	±9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subhama-2.3.4,7 f.5)	LTE-TDD	8.29	±9.6
10454	AAD	LTE-TDD (SC FDMA, 50% RB, 3 MHz, 64-QAM, UL Subtrame=2.3.4,7.8.6)	LTE-TOD	8.47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subhame-2.3,4,7,8,9)	LTG-TDD	7,59	±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM, UL Subhame-2,3.4,7.8,9)	LTE-TOD	H.38	±9.6
18467	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe-2.3.4.7.8.8)	LTE-TOD	8.60	+9.6
10488	AAG	LTE-TOD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sutrhame-Z.3.4,7 8.9)	LTE-TOO	7.70	19.6
10-489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-GAM, UL Subtrame=2.3.4.7.8.9)	LTE-TOD	8.31	+9.6
10490	AAG	LYE-TOD (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 Subhame-2.3.4.7.8.9)	LTE-TDO	7.74	19.6
10492	AAF	LTE-TOD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Submine-2,3:4.7.8.9)	17E-100	8.41	19.0
10493	AAF	LTE-TOD SC-FDMA, 50% RB, 15MHz, 64-QAM, UL Subhane-2,3,4,7,8,9)	LTE-TDD	8.95	19.6
10494	AAG	LTE-TOD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subtrame-2,3,4,7.8.9)	LTE-TDD	7.74	19.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-QAM, U. Subframe=2,3.4,7.6.9)	LTE-TOO	8.37	19.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 64-QAM, U., Subhame-2.3.4.7.8.9)	LTE-TOD	8.54	1.0.0
10.497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subhame=2.3.4.7.8.9)	LTE-TOD	7.87	±9.0
10498	AAC	LTE-TDD (SC-FDMA, 100% RE. 1.4 MHz, 16-QAM, UL Subhame=2.3.4.7.8,9)	LTE-TOD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% R6, 1.4 MHz, 64-QAM, UI, Subframe=2.3.4.7.8,II)	LTE-TOD	8.68	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subhame=2.3.4.7.8.9)	LTE-TOD	7.67	10.0
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TOD	8,44	+9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subhame-2,3,4,7,8,9)	LTE-TDD	8.52	+9.6
10503	AAG	LTE-TDD (BC-FDMA, 100% RB, 8MHz, QPSK, UL Subtrame=2.3.4,7.8.9)	LTE-TOD	7.72	19.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3.4.7.6.9)	LTE-TDO	8.31	+0.0
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-GAM, UL Subtrame=2,3,4.7.8.9)	LTE-TDD	8.54	19.0
10508	AAG	LTU-TDD (SC-FDMA, 100% RB, 10 MHz, OPSK, UL Subhame-2.3.4,7.8.9)	LTE-TDO	7.74	19.6
10507	AAG	LTE-TOD (SC-FDMA, 100% RB, 10 MHz, 16-GAM, UL Subframe=2.2.4,7.8.9)	LTE-TOO	8.36	15.6
10,508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz; 64-QAM, UL Subtrame=2,3.4.7.8.9)	LTE-TD0	8.55	12.5
10509	AAF	LTE-TOD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Subhame=2.3.4,7.6.9)	LTE-TDD	7.99	1.0.8
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subtrame=2,3.4.7.8.9)	LTE-TOD	0.49	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 84-QAM, UL Subhame=2.3.4.7.8.9)	LYE-TOD	8.51	1.9.6
TOSTE	AAG	LTE-TDD (SC-FOMA, 100% HB, 20 MHz, QPSK, UL Subhame-2.3,4,7,8,9)	L7E-TDD	7.74	19.8
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-GAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.42	1/2.6
19514	AAG	LTE-TDD (BC-FDMA, 180% RB, 20MHz, 64-QAM, UL Subhame-2.3,4,7.8.W)	LTE-TOD	8.45	69.8
10515	AAA	IEEE BIOL116 WIFI 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	+9.6
10516	AAA	IEEE 802.116 WFi 2.4 GHz (DSSS, 6.5 Mbox, 99cc duty cycle)	WLAN	1.97	19.6
10517	AAA	EEE 802,116 WIF 2.4 GHz (DSSS, 11 Mbps, 69pc duty cycle)	WLAN	1.58	19.6
10518	AAD	EEE 902.11ah WFI 5 GHz (OFDM: 9 Mbps: 98pc duty cycle)	WLAN	8.20	19.6
10519	AAD	EEE 802.11ah WFI 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±0.0
10520	AAD	I EEE 802,11ah WFI 5 GHz (OFOM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	18.6
10521	AAD	IEEE 802,11ah WIFI 5 CH2 (CFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.57	18.6
10'522	AAD	IEEE 802.11ah WIFI S GHz (CFDM, 36 Mbps, 98pc duty cycle)	WLAN	8.45	69.6
10523	AAD	IEEE 802.11a/h WIF 5 GHz (CFOM, 48 Mbps, 9990 duty cycle)	WLAN	8,08	19.0
10524	AAD	IEEE 802.11am WiFt 5 Circ (DFOM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	19.6
10525	AAD	TEEE 802,11ac WFI (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	48.6
10/525	AAD	IEEE BOZ.11ac WIF1 (20 MHz. MCS1, 98pc duty cycle)	WLAN	6.42	49.6
10/527	AAD	IEEE 802.11ac WH1 (20 MHz, MCSZ, 98pc duty cycle)	WLAN	8.21	49.6
10/528	AAD	IEEE 802.11ac WIFI (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	49.6
10/529	AAD	IEEE 800.11as WFI (20 MHz, MCS4, 9fipo duty cycle)	WLAN	8.06	49.6
10531	AAD	IEEE 802.11ac WiFi (20 MHz, MCSI), Higo duty pycie)	WLAN	8.43	69.6
10532	AAD	IEEE 802,11ac WFI (20 MHz, MCS7, 98pc ducy cycle)	WLAN	8.29	49.6
10.533	AAD	IEEE 802,11ac WFI (20 MHz, MCS8, 98pc duty (yelle)	WEAN	8.38	19.0
10534	AAD	IEEE 802 11ac WIFI (40 MHz, MCS0, 98pc duty cycle)	WLAN	8.45	±0.0
10535	AAD	IEEE 802,11ac WH1 (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	19.6
10.538	AAD	IEEE 802.11ar WFI (40 MHz, MCS2, 99pc duty cycle)	WLAN	6.32	49.6
100,000	AAD	IEEE 802,11ac WFI (40 MHz, MCS3, 98pc duty cycle)	WLAN	8.44	49.6
10637					
10537	AAD	IEEE 802 1 fac WIF (40 MHz, MCS4, 98pc duty sycle)	WLAN	0.54	19.8

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0541	GAA	IEEE 802,11ac WIF (40 MHz, MC57, 99pc duty cycle)	WLAN	8.40	±9.6
0.542	AAD	IEEE 802.11ac WIFI (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
0643	AAD	EEE 802,11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	19.6
0544	AAD	IEEE 802.11ac WIFI (80 MHz, MCS0, 98pc duty cycle)	WLAN	8.47	80.6
1545	AAD	IEEE 802.11ac WIFI (80 MHz, MCS1, 99pc duty sydle)	WLAN	8.55	=0.0
546	AAD	IEEE 802.11ac WFI (80 MHz, MCS2, 98pc duty cycle)	WLAN	8.35	+9.0
1547	AAD	JEEE 902 11ac WIFI (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	#9.6
1548	AAD	IEEE 802.11ac WIFI (80 MHz, MCS4, 95pc duty cycle)	WLAN	8.37	g9.6
0860	AAD	H F II 602 11ac WIFI (60 MHz. MCS6, 95pc duty cycle)	WLAN	8.38	±0.0
0551	AAD	IEEE 802.11ac WiFI (80 MHz, MC57, 99pc duty cycle)	WLAN	8.50	19.6
	AAD	IEEE 802.11ac WiFt (80 MHz, MCS8, 99pc duty cycle)	WLAN	H.42	19.6
0552			WLAN	8,45	+9.6
0555	AAD	IEEE 802.11ac WIF (80 MHz, MCS9, 98pc duty cycle)	WLAN	8,40	±9.6
0554	AAE	IEEE 902.11ac WIFI [160 MHz; MCS0, 99pc duty cycle]	WLAN	8,47	19.6
0555	AAE	EEE 802.11ac WIFI (160 MHz. MCS1, 98pc duty cycle)		8.50	
0556	AAE	IEEE 800,11ac WIFI (160 MHz, MGS2, 99pc duzy cycle)	WLAN		19.6
0557	AAE	EEE 802.11ac WIFI (180 MHz, MCS3, 98pc duty cycle)	WLAN	8.52	±5.6
0.988	AAE	EEE 802.11sc WFI (160 MHz, MCS4, 98pc duty cycle)	WLAN	8.61	±9.6
5500	AAE	EEE 802.11ac WIFI (190 MHz, MCS6. 99pc duty cycle)	WLAN	8.73	±9.6
0961	AAE	EEE 802.11au WE1 (160 MHz, MCS7, 99pc duty cycle)	WLAN	8,56	19.6
0.0955	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, Mipc duty cycle)	WLAN	8.69	±9.6
0563	AAE	REEE 802 T1ac WIFT (100 MHz, MCSII, 98pc duty cycle)	WLAN	8.77	±9.6
9564	AAA.	IEEE 802.11g WIFI Z.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	19.8
10585	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
0566	AAA	HEEE 602,11g WIFI 2.4 GHz (DSSS-CIFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	19.6
0.567	AAA	IEEE 602,11g WiFi 2.4 GHz (DSSS-OFOM, 24 Maps, 99pc duty cycle)	WLAN	8.00	±9.6
10.588	AAA	EEE 802.11g WiFt 2.4 GHz (DSSS-OFOM, 36 Mbps, 8tipc duty cycle)	WLAN	8.37	±9,6
10:500	AAA	IEEE 802,11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8,10	
10570	AAA	IEEE 802,11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbgs, 99pc duty cycle)	WEAN	8.30	±9.6
10571	AAA	EEE 802,116 WiFi 2.4 GHz (DSSS, 1 Mbps, 90ps duty cycle)	WLAN	1.99	±9.0
10572	AAA	EEE 802.11b WH 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	+9.6
10573	AAA	SEEE 802.11b WIFI 2.4 GHz (DISSS, 5.5 Mbgs, 90pp duty cycle)	WLAN	1.98	+9.0
10574	AAA	IEEE B02.11b WFi 2.4 GHz (DSSS, 11 Mbps, Ripc duty cycle)	WLAN	1.08	+9.0
10570	AAA	(EEE 802 11g WFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±8.0
18576	AAA	REEE BOZ 11g WIFLE 4 GHz (DISSE-OFDM, 9 Mbps, 90pc may cycle)	WLAN	8.60	19.6
10577	AAA	IEEE 802,11g WIFI 2.4 GHz (DGSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	19.6
10578	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFOM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	19.6
10578	AAA	IEEE 800.11g WIFI 2.4 DHz (DSSE-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.34	19.6
10580	AAA	If EE, 800,11g Wiff 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.7E	19.6
10581	AAA	IEEE 802.11g WW1 2.4 GHz (DSSS-OFDM, 46 Mbps, 90pc duty cycle)	WLAN	8.35	19.6
10/582	AAA	IEEE 802.11g WFI Z.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	10.6
			WLAN	8.59	19.6
10583	CIAA	IEEE 802.11a/h WIFI 5 DHz (OFDM, 6 Mbps, 90pc duty cycle)		8.60	19.0
10584	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 90pc stuty cycle)	WLAN	9.70	+9.6
10.585	AAD	IEEE 800.11a/h WFLSGHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN		
10586	CIAA	IEEE 800.11 wh WIFLS GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	19.6
10887	MAD	IEEE BIG. I twh WIFI S GHz (OFDM; 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10.588	AAD	IEEE BOD.11wh WIFLS GHz (DFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	3.9.0
10589	CAA	EEE 802.11a/h WFI 5 GHz (OFDM, 48 Mbps, 95pc duty sycle)	WLAN	8.35	±0.6
10990	AAD	EEE BOZ 11a/h WIFI 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8,67	±9,8
10591	CAA	IEEE 802,11n (HT Mixed, 20 MHz, MCS0, Wood duty cycle)	WLAN	8,63	19.5
10592	AAD	EEEE 802.11n (HT Mixed: 20 MHz, MCG1, 90pc duty cycle)	WLAN	8.29	6/0.8
10903	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, Mope duty cycle)	WLAN	8.64	±9.0
10554	AAD	IEEE 802,11n (HT Mixed, 20 MHz, MCSS, 90pc stuty cycle)	WLAN	8,74	19.6
10395	AAD	IEEE 802,11n (riT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	#8.6
10586	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MC55, 80pc duty cycle)	WLAN	8.71	19.6
10597	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.0
10598	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	+9.8
10599	AAD	IEEE 802,11n (HT Mood, 40 MHz, MCSS, 80pc duty cycle)	WLAN	9.79	±9.6
10600	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MC61, 80pc duty cycle)	WLAN	8.88	+9.6
10-E01	AAD	IEEE 802.11n (HT Mixed, #0MHz, MCS2, 90pc duty cycle)	WLAN	8.82	18.6
10602	AAD	IEEE 802.11c (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10603	AAD	IEEE 802.11n (HT Mixed, 45 MHz, MCS4, 90pc duty cycle)	WLAN	9.00	±9.6
10804	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCSS, 90pc duty cycle)	WLAN	8.76	±8.6
10 605	AAD	HEEF 800,11= IHT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	#8.6
10606	AAD	IEEE 800,11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.60	49.6
10 667	AAD	IEEE 802.11ac WF (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	1.0.0
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6090	AAD	IEEE 802.11se WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
0610	AAD	IEEE 802.11ac WIFI (20 MHz, MCS3, (topc duty cycle)	WLAN	8.78	±9.6
1611	AAD	IEEE 802.11ac WIFI (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
1612	AAD	IEEE 802.11ac WiFi (20 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	±9.6
613	AAD	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.94	±9.6
1814	AAD	IEEE 802,11 pc WIFI (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
615	AAD	IEEE 802.11 sc WIFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	19.6
0616	CAA	IEEE 802, 11ac WFI (40 MHz, MCS0, 90pc duty eyew)	WLAN	8.82	±9.6
0617	AAD	IEEE 802.11as WIFI (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	19.6
0618	AAD	IEEE 802,11ac WFT (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	+9.6
D619	AAD	IEEE 800,11ac WFI (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	+9.6
0620	AAD	IEEE 802.1 (ac WIFI (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.07	±9.6
0821	AAD	IEEE 802.11ab WFF (40 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	#0.0
0822	AAD	IEEE 802.11ab WHF (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.66	19.6
	AAD		WLAN	8.82	19.6
0683		IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.96	+9.6
0624	AAD	IEEE 802.11ac WIFI (40 MHz, MCSt. ROpc duty cycle)	WLAN	8.96	±9.6
0625	AAD	IEEE 802.11ac WIFI (40 MHz, MC59, 90pc duty cycle)			
0456	AAD	IEEE 802.11ea WIFI (80 MHz, MCSD, 90pc duty cycle)	WLAN	8.83	±9.6
0627	AAD	IEEE 802.11ac WIFI (80 MHz, MCS1, 90pc duty cycle)	WLAN	88.8	±9.6
0628	AAD	IEEE B02.11ac Wiff (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.8
0629	AAD	IEEE 802,11ac WIFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.5
0 630	CAA	IEEE 802.11ac WIFI (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±5.6
0831	DAA.	IEEE 802,11 as WIFI (80 MHz, MCSS, 90pc duty cycle)	WLAN	8.81	±9.6
0.635	AAD	IEEE 802,11 ac WF1 (80 MHz, MCS8, 90pc duty cycle)	WLAN	8,74	±9.6
0.633	AAD	IEEE 802.11ac WIF1 (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10.034	AAD:	IEEE 802,11ac WIFI (80 MHz, WCS8, 90pc duty cycle)	WLAN	8,80	±9,6
10635	AAD	IEEE 802.11ac WiFi (80 MHz, MCSB, 90pc duty cycle)	WLAN	8,81	19.6
10636	AAE	IEEE 802.11ac WiFi (160 MHz. MCS0, 90pc duty cycle)	WLAN	8.83	
10637	AAE	IEEE 802.11ac WIFI (160 MHz, MCS1, 90pc duty cycle)	WLAN	8,79	±9,6
18638	AAE	IEEE 802.11ac WIFI (160 MHz, WCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10639	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	19.6
10640	AAE	IEEE 902,31ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
10841	AAE	IEEE 902,11ac WIFI (160 MHz, MCS5, 90pc duty cyclw)	WLAN	9.06	±8.0
10642	AAE	IEEE 802,11 ac WIFI (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.0
10643	AAE	EEE 802.11ac WIFI (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	19.6
10644	AAE	IEEE 802,11ac WIFI (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10845	AAE	EEE 002,11ac WiFi (100 MHz, MCS0, 90pc duty cycle)	WLAN	9.11	±0.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, LA, Subframe=2,7)	LTE-TD0	11.96	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 26 MHz, QPSK, Ut. Subtrane=2.7)	LTE-T00	11.98	±9.6
10048	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10685	AAF	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Glipping 44%)	LTE-TDD	6.91	±9.6
10653	AAF	LTE-TOD (OFOMA, 10 MHz, E-TM 3.1, Gloping 44%)	LTE-TOD	7.42	±9.0
	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	F1E-100	8.96	±9.6
10654			LTE-TOD	7.21	19.6
10455	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	Test	10.00	19.6
10.658	AAB	Pulse Wevelorin (200Hz, 10%)		5.99	
10059	AAII	Pulse Waveform (200Hz, 20%)	Test		49.0
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3,98	±9.0
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	19.6
10682	AAB	Pulse Wayeform (200Hz, 80%)	Test	0.97	19.6
10670	AAA	Bustooth Low Energy	Mueloan	2,19	1.0,6
19671	AAC	HEEE 802,11 ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	194
10672	AAC	IEEE 902.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.5
10573	AAC	IEEE 802,11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	191
10674	AAC	IEEE 882;11 ux (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	5,0.1
10675	AAC	IEEE 802.11ax (20 MHz, MG54, 90pc duty cycle)	WLAN	8.10	+9.1
10676	AAG	IEEE 902.11as (20 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	+9.1
10,677	AAC	IEEE 802,11m (20 MHz, MCS6, 90pc duty cycle)	WLAN	P.73	±9.6
10678	AAC	IEEE 802.1 Tax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	#9.1
10879	AAC	IEEE 802.1 tax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8,80	29.6
10680	AAC	IEEE 882.1 fax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±0.0
10681	AAG	IÉÉÉ 802,11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	9.92	±8.0
	AAC	IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)	WLAN	6.83	±8.6
10682	100	IEEE 882.11ax (20MHz, MCS0, 99pc duty cycle)	WEAN	8.42	#9.6
10682	MAG				
10683	_	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.28	510.0
the state of the later is not	AAC	IEEE 802.11ax (20MHz, MCS1, 99pc duty cycle) IEEE 802.11ax (20MHz, MCS2, 99pc duty cycle)	WLAN	8.28	±9.6

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0687	AND	IEEE 802.11ax (20MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.0
688	AAC:	IEEE 802.11ax (20 MHz, MCSS, 99pc duty cycle)	WLAN	8.29	±9.6
685	AAC	IEEE 802.11ax (20MHz, MCS8, IRpc duty cycle)	WLAN	6.55	19.6
690	AAC :	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	W.AN	8.29	±0.6
1691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±0.6
2692	AAC	IEEE 802.11ax (20 MHz, MCBB, 99pc duty cycle)	WLAN	8.29	±9.0
0693	AAC	(EEE 802, 11 ax (20 MHz, MC510, 99pc duty sycle)	WLAN	6.25	+9.6
GB94	AAC	IEEE 802.11ax (20 MHz, MOS11, 99pc duty cycle)	WLAN	9.57	#8.6
0895	AAC	EEE 802,11ax (40 MHz, MCSG, 90pc duty cycle)	WLAN	8.78	±0.6
0696	AAC	#EEE 802.11ax (40 MHz, MG51, 90pc duty cycle)	WLAN .	8.91	±9,6
0.697.	AAC	IEEE 802.11gx (40 MHz, MGS2, 90pc duty cycle)	WLAN	9.61	±9.6
B080	AAC	IEEE 862:11ex (40 MHz, MCS3, 90pc duty cycle)	WLAN	0.09	49.6
D000	AAC .	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	19.6
0790	AAC	HEEE 802,11ax (40 MHz, MCSS, 90pc-duty cycle)	WLAN	8,73	±9.6
0701	AAC-	IEEE 802,11ax (40 MHz, MCS6, I/Opc duty cycle)	WLAN	8.86	±9.5
0702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
0703	AAC	IEEE 802 11ax (40 MHz. MCS8, 90pc duty cycle)	WLAN	8.82	19.6
0704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN.	8.56	±9.6
0705	ARC	IEEE 802 11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
0706	AAC	IEEE 802,11ax (40 MHz, MGS11, 90pc duty cycle)	WLAN	8.66	±9.8
0787	AAC	IEEE 802.11ax (40 MHz; MCS0, 99pc duty cycle)	WLAN	8.32	19.6
0.708	AAC	IEEE 802.11ax (40 MHz, MCS1, I/lood duty cycle)	WLAN	8.55	±0.6
6.709	AAC	IEEE 802.11ax (40 MHz. MICS2, 99pc duty cycle)	WLAN	8.33	±9,6
0710	ANC	EEE 600.11ax (40 MHz, MCS3, 98pc duty cycle)	WLAN	11.29	±9.6
0711	AAC	EEE 902.11ax (40 MHz, MCS4, 19pc duty cycle)	WLAN	8.39	±9.6
0712	AAC	EEE 802,11ux (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
0713	AAC	IEEE 802,11 av (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.0
0714	AAC	RELEBURY TEAC (40 MHz, MCS7, Wipc duty cycle)	WLAN	8.26	±9.6
0715	AAC	IEEE 80Z 11ax (40 MHz, MC58, IRIpc duty cycle)	WLAN	8.45	±9.6
0718	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	10.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	W.AN	5.48	+9.6
0718	AAD	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WAN	8.24	19.0
0.718	AAC	IEEE 802.11as (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.0
10720	AAC	IEEE 800.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.0
10721	AAC	IEEE 802,11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	19.6
0722	AAC	IEEE BOX,11ax (80 MHz, MCS3, B0pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	EEE 902.11ax (90 MHz, MC54, 90pc duty cycle)	WILAN	8.70	19.6
10724	AAG	EEE 802.11ax (80 MHz, MCSS, 90pc duty cycle)	WLAN	8.90	+9.4
10725	AAC	IEEE 802.11 as (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	19.0
10726	AAC	EEE 802,11as (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	1,9.6
10727	AAC	EEE BOZ.11as (BOMHz, MCS8, 50pc duty cycle)	WLAN	8.86	+0.6
10.728	AAG	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.05	10.0
10.729	AAC	IEEE 802,11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	+31.0
increase and the	AAC	IEEE 802.11as (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.67	+9.6
10730	AAC	EEE 802.11ax (90 MHz, MCS0, R8pc duty cycle)	WLAN	8.42	19.6
10732	AAC	IEEE 802.11ax (90 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	19.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	19.6
			WLAN	8.25	29.6
10734	AAC	IEEE 802.11ax (80MHz, MCB3, 96pc duty cycle) HEEE 802.11ax (80MHz, MCB4, 99pc duty cycle)	WEAR	8.33	19.6
100,000,000,000			WLAN	8.27	±9.6
10796	AAC	If EE 802.11ax (80MHz, MCSS, 98pc duty cycle) IEEE 802.11ax (80MHz, MCSB, 98pc duty cycle)	WLAN	8.36	19.5
10707	and the same	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle) EEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	19.5
_	AAC	A CONTROL OF THE PROPERTY OF T	WLAN	8.29	19.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	2.48	29.6
-		IEEE 800.11 ax (80 MHz, MCSH, 98pc duty cycle)	WLAN	8.40	20.6
0.741	AAC	HEEE 800,11 ax (90 MHz, MCS10, 80pc duty cycle)		8.43	
0742	AAC	IEEE NOC.11ax (ROMH); MCS11, Rilpic duty cycle)	WLAN WLAN	8.43	29.6 28.6
0743	AAC	EEE 802.11sx (160 MHz, MCS0, 90pc duty cycle)			#9.5
10744	AAC	SEEE 800.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9,16	
10.745	AAC	SEEE BOD. 11 ax (160 MHz, MGSR, 160pc duty cycle)	WLAN	8.90	49.6
10746	AAC	IEEE 802,11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9,11	+9.1
10.747	AAC	EEE 802.11ax (160 MHz, MGS4, 90pc duty cycle)	WLAN	9.54	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MGSS, 95pc duty cycle)	WLAN	8.90	1.01
10.749	AAC	IEEE 802.11ax (160.MHz, MCS6, 90pc duty cycle)	WLAH	8.30	±9.6
10750	AAC	IEEE 802,11ax (160 MHz, MCS7, V0pc duzy cycle)	WLAN.	8.79	10.8
10751	AAG	(EEE 802.11ax (160 MHz, MGS8, 90pc duty cycle)	WLAN	8.52	±9.0
10752	AAG	IEEE 802.11ax (160 MHz, MGS9, 90pc duty cycle)	WLAN	8.81	£9.6

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0750	AAC	IEEE 802,11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	8.00	49.0
0754	AAC	IEEE 802.11av (160 MHz, MGS11, 90pc duty cycle)	WLAN	8.94	±9.5
0755.	AAC	IEEE 802,11ax (160MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.0
0.756	AAC	IEEE 802,11ax (160 MHz, MCS1, 99pc duty sycle)	WLAN	8.77	49.6
1757	AAC	IEEE 802.11ax [168 MHz, MCB2, 99pc duty cycle)	WLAN	8.77	±9.0
758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
0759	AAC	IEEE 802,11ax (160 MHz, MCS4, 98pc duty cycle)	WLAN	8.50	±9.6
0760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	19.6
0.761	AAC	IEEE 802 11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	19.6
0762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	19.6
10763	AAC	TEEE 802,11ax (100 MHz, MCSR, 99pc duty cycle)	WLAN	8.53	±9.8
10764	AAC	IEEE 802.11ax (160 MHz. MCSS, 99pc duty cycle)	WLAN	8.54	#9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 98pc duty cycle)	WLAN	8.54	#9.6
10768	AAC	IEEE 802.11ax (160 MHz, MCS11, 99ps duty cycle)	WLAN	8.51	
0767	AAG	SG NR (CIP-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TOD	7.99	±0.0
10.76E	AAE.	SG NR (CP-OFOM, 1 RB, 10 MHz, GPSK, 15 kHz)	5G NR FR1 TOD	8.01	±9,6
10769	AAD	SG NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.01	±9.6
10.770	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, GPSK, 15 kHz)	5G NR FR1 TDD	8.02	19.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	3G NR FR1 TDD	8.02	19.6
10772	AAE	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 15kHz)	5G NR FR1 TD0	8.23	±9.6
10773	AAF	SG NR (CP-OFDM, 1 RB, 40 MHz, GPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAE	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 15kHz)	50 NR FR1 TDD	8.02	19.6
10775	AAF	50 NR (CP-0FDM, 50% RB, 5MHz, QPSK, 15HHz)	5G NR FR1 TDD	8.31	19.6
10776	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 MHz)	5G NR FR1 TOD	8.30	±9.6
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	5.30	±9,6
10778	ARE	SG NR ICP-OFDM, 50% RB. 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
16379	AAC	SG NR (CP-OFDM, 50%, RB, 85 MHz, QPSK, 15 MHz)	50 NR FR1 TOD	8.42	#9.6
10780	AAE	SG NR (CP-OFOM, 50%, RB, 30 MHz, OPSK, 15 kHz)	50 NR FR1 TOD	6.38	±9.6
10:781	AAF	5G NR (CP-OFDM, 50% RR, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.43	±9.6
10783	A/VG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	50 NR FR1 TDO	8.31	±0.6
10784	AAE	5G NR (CP-OFDM, 100% RB. 10 MHz, QPSK, 15 kHz)	50 NR FR1 TD0	8.29	±9.8
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, OPSK, 15 NHz)	56 NR FR1 TOO	8.40	±9.€
10786	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.35	1.9.6
10787	AAD	50 NR (CP-0FDM, 100% RB, 25 MHz, QPSK, 15 NHz)	5G NR FR1 TDD	8.44	±0.0
10788	AAE	5G NR (CP-DFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9:6
10799	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	SG NA FRI TOD	8.37	±9.0
10790		5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G MR FR1 TDD	8.39	±9.6
10791	AAG	SG NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	90 NB FR1 TDD	7.83	±9.6
10.792	AAE	SG NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 NHz)	5G NR FR1 TOD	7.92	±9.6
10793	CAA	SG NR (CP-CFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	SG NR FR1 TOD	7.85	±9.6
10794	AAE	SG NR (CP-OFDM, 1 RB, 26MHz, CPSK, 364Hz)	5G NR FR1 TDD	7.82	±8,6
10795	AAD	SG NR (CP-OFDM, 1 RB, 25 MHz, CPSK, 30 kHz)	SG NR FR1 TDD	7.84	±9.6
10796	AAE	SQ NR (CP-OFDM, LRB, 30 MHz, QPSK, 30 MHz)	5G NR FR1 TDD	7.82	49.0
10797	AAF	56 NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 NHz)	5G NR PR1 TDD	8.01	89.6
10798	AAE	SQ NR (CP-OFDM, 1 RB, S0MHz, CPSK, 304Hz)	5G NR FR1 TDD	7.88	A9.0
10799	AAF	5G NR (CP-OFOM, 1 RB, 60 MHz, QPSK; 30 kHz)	5G NR FR1 TOO	7.80	±9.6
10801	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	7.89	±8.6
10902	AAE	SG NR (CP-OFDM,) RB, 90 MHz, GPSK, 30 kHz)	5G NR FR1 TOD	7,87	±9,6
10800	AAF	5G NR (CP-OFDM, 1 RB. 100 MHz. QPSK, 30 kHz)	50 NR FR1 TOO	7.93	19.6
10805	AAE	SG NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 KHz)	50 NR FR1 T00		49,6
10800		56: NR (CP-OFDM, 50% RB, 15 MHz, QPSK; 30 kHz)	50 NR FR1 T00	8.37	49.6
10809	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 NHz)	5G NR FRI TOO	8.34	±0.0
10810	and the contract of the	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 KHz)	5G NR FR1 TDO	8.34	±0.6
10812	AAF	SG NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10817	ANG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	90 NR FR1 T00	8.35	19.6
10818		5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 90 kHz)	50 NR FR1 TDD	8.34	6.076
10010	AAD	SG NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 90 kHz)	50 NR FRI TDD	8.33	±9.0
10820	AAE	50 NR (CP-0FDM, 100% RB, 20 MHz, GPSK, 30 kHz)	5G NR FRY TOO	8.30	±9.6
10821	AAD	50 NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.5
10822	AAE	50 NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	1,0.5
10823	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	9,36	±9.6
10824		5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FRI TOD	8.39	1.9.6
10825		5G NR (CP-QFDM, 100% RB, 66 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	8,41	1,9.6
10827	-	5G NR (CP-CFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	SQ NR FRETDO	8.42	19.6
	AAE	5G NR (CP-CFDM, 100% RB, 90 MHz; QPSK, 30 kHz)	SG NR FRI TOD		19.6

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10829	AAF	5G NR (CP-CFOM, 100% RB, 100MHz, CPSK, 303Hz)	SG NR FR1 TDD	#.40	±9.6
10833	AAE	56 NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 HHz)	5G NR FR1 TDD	7,63	±0.0
10831	AAD	50. NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 80 kHz)	SG NR FR1 TOD	7.73	±9.6
0.835	AAE	5G NR (CP-OFDM, 1 RB, 29 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	≡9.6
0833	AAD:	5G NR (CP-OFDM, 1 RB, 25 MHz, GPSK, 90 kHz)	SQ NR FR1 TDD	7.70	±9.6
0834	AAE	5G NR (CP-OFDM, 1 RB. 30 MHz, GPSK, 60 kHz)	5G NR FRI TOD	7.75	=0.0
0835	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 80 kHz)	5G NR-FR1 TDD	7.70	≡9.6
0836	AAE	SG NR (CP OFDM: 1 RB, 50 MHz, QPSK, 60 kHz)	50 NR FR1 T00	7.66	#8.6
0837	AAF	6G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FRI TDD	7.00	±9.0
0.839	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPBK, 60 kHz)	5G NR FR1 T00	7,70	±9.6
0840	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G WR FRI TDO	7.67	±9,6
8841	AAF	9G NR (CP-OFDM, 1 RB. 100 MHz. QPSK, 60 kHz)	5G NR FR1 TD0	7.71	+9.6
0843	AAD	SG NR (CP-DFDM, S8% RB, 15 MHz, GPSK, 60 kHz)	5G.MR.FRI TDD	8.49	19.5
0846	AAE	SG NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 NHz)	SG MR FR1 TDD	8.34	±9.6
0.846	AAE	SG NR (CP-OFDM, 60% RB, 30 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8.41	±9.8
0.854	AAE	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 604Hz)	5G NR FR1 TDD	8.34	±9.6
0656	AAD	SG NR (GP-CFDM, 100% RB, 15MHz, QPSK, 60 kHz)	SG NR FRI TDD	8.36	±9.6
9856	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.37	±9.6
0857	AAD	SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8.35	19.6
0868	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TD0	8.06	±9.6
edeo	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	50 NR FR1 TDD	8.34	±9.6
0880	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	56 NR FR1 TD0	8.41	±0.6
0961	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDO	11.40	+9.6
10863	AAF	50 NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	SG NR FRI TDO	8.41	±9.6
10864	AAE	5G NR (CP-OFDM, 100% RB, 00 MHz, QPSK, 60 kHz)	9G NR FR1 TD0	8.37	±9.6
10865	AAF	5G NR (CP-DFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8,41	±9.€
10888	AAF	5G NR (DFT-s-OFDM, 1 R8, 100 MHz, GPSK, 30 kHz)	50 MR FR1 TDD	- 5.88	±9.0
10868	AAF	5G NR (DFTs-OFDM, 100% RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.89	±9.0
10860	AAE	5G NR (DFTs-DFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G.NR.FR2.TDD	5,75	±9.6
10,870	AAE	5G NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 120 MHz)	SQ NR FR2 TOD	5.86	±9.6
10871	AAE	5G NR (DFTs-DFDM, 1 RB, 100MHz, 16QAM, 120kHz)	5G NR FRU TOD	5.75	±9.6
10872	AAE	5G NR (DFT-s-CFDM, 100% RB, 100MHz, 16QAM, 120KHz)	DOT SHE PA DE	6.52	±9.0
10873	AAE	5G NR (DFT-s-CFDM, 1 RB, 100MHz, 84QAM, 120kHz)	SG NR FR2 TOD	6.61	19.6
10874	AAE	SG NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	50 NR FR2 TDD	6.65	19.6
10875	AAE	SG NR (CP-OFDM, 1 RB, 100 MHz, OPSK, 120 kHz)	5G NR FR2 TDD	7,78	#9.6
10876	AAE	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 120kHz)	50 NR FR2 TDD	8.29	±0.0
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	9G NR FR2 TOO	7.95	±9.6
10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	SG NR FR2 TOD	8.41	1:8.6
10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64GAM, 120 kHz)	50 NR FR2 TDD	8,12	19.6
10880	AAE	5G NR (CP-OFOM, 100% RB, 100 MHz, 64QAM, 120 HHz)	5G NR FRZ TUU	8.38	±9.6
10881	AAE	5G NR (OFT-s-OFDM, 1 RB, 50MHz, QPSK, 120kHz)	50 NR FR2 T00	5.75	±9.6
10582	AAE	50 NR (DFT+6-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TD0	5.96	±9.6
10883	AAE	5G NR (DFFs-OFDM, 1 RB, 50MHz, 16QAM, 120HHz)	50 NR FRI TDO	6.57	±9,6
10884	AAE	5G NR (DFFs-OFDM, 100% RB, 50 MHz, 16QAM, 120 HHz)	5G NR FR2 T00	6.53	4.0.0
10885	AAE	50 NR (DFTs-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	SG NR FR2 T00	6.81	±8.6
10.686	AAE	5G NR (DFF4-GFDM, 100% RB, S0MHz, 64QAM, 120kHz)	SG NA FR2 TDD	6.65	±9.5
10887	AAE	5G NR (CP-OFDM, 1 RB, 56 MHz, CPSK, 120 kHz)	SO NR FRO TOO	7.78	±9.6
10,888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 130 kHz)	5G NR FR2 TDD	8.35	19.6
10889	AAE	SG NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 KHz)	SG NA FRE TOO	8,02	±9,6
10890	AAE	50 NR (CP-OFDM, 100% RB, 50MHz, 16QAM, 120KHz)	SG NR FR2 TOD	8.40	±9.6
10831	AAE	SG NR (CP-CFDM, 1 RB, S0 MHz, 64QAM, 120 kHz)	SG-NR FRE TOD	E13	±9.6
10892	AAE	SG NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FRD TDD	8.41	1.0.6
10997	AAE	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5,65	±9.8
10898	AAC	5G NR (DFT4-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	SG NR FRI TOD	5,67	±9.8
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5,67	1.9.6
10900	AAG	SG NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.68	194
10901	AAB	SG MR (DFT-s-GFDM, 1 RB, 25 MHz, QPSK, 30kHz)	1G NR FR1 TDD	5.68	±9.6
10900	AAC	SG NR (DFT4-OFDM, 1 RB, 30 MHz, QPSK, 30 NHz)	SG NR FR1 TDD	5.68	18.5
10903	AAD	50 NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.68	1.9.5
10804	AAC	5G NR (DFT-e-OFDM, 1 RB, 56 MHz, QPSK, 36 kHz)	SG NR FR1 TDD	5.65	10.6
10905	AAD	SG NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 YDD	5.88	49.6
10906	AAD	SG NR (DFT-e-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FRY TOD	5.68	1.9.5
10907	AAE	SG NR (DFT-6-OFDM, 50%, RB, 5MHz, QPSK, 30 kHz)	5G NR FRI TOO	5,78	±9.0
10008	MAC	SG NR (DFT-s-OFDM, 50% RB, 10MHz, QPSK, 30 kHz)	SG NR FR1 TOD	9.93	1.9.f
10909	AAB	5G NR (DFT-e-OFDM, 50% RE, 15MHz, QPSK, 30 kHz)	50 NR FR1 TOO	5.96	1.2.0
10910	AAC	5G NR (DFT-s-OFDM: 50% RB, 20MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.63	±9.6

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10911	AAB:	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30kHz)	SG NR FR1 TDD	5,93	±9,8
10912	AAC	SG NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.84	±9.6
10913	AAD	SG NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSX, 30 kHz)	5G NR FRI TOD	5,84	±9.6
10914	AAC	SG NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,85	±5.6
10915	AAD	50 NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30%Hz)	SG NR FR1 TDD	5.83	±9.6
10916	AAD	SG NA (DFT-s-OFDM, 50% AB, 80 MHz, QPSK, 30 kHz)	56 NR FR1 TDD	5.87	19.6
10917	AAD	SG NR (DFT/a-GFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAE	SQ NR (DFT+-OFDM, 100%-RB, SMHz; QPSK, 30%Hz)	SG NR FR1 TDD	5.86	±9.6
10919	AAC	5G NR (DFT-e-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	19.6
10820	AAJS	SG NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G/NR FR1 TDD	5.87	±9.6
10921	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10922	AAB	5G NR (DFT-II-OFDM, 100% RB; 25 MHz; QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10924	CAA	55 NR (DFT-e-OFDM, 100% RB, 40 MHz; QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAC	56 NR (DFT-6-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
10926	AAD	56 NR (DFT-6-OFDM, 100% RB, 60 MHz; QPSK, 30 NHz)	50 NR FR1 TDD	5.84	±9.6
10927	AAD.	5G NR (OFT-e-OFDM, 100% RB, 80MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	19.6
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 184Hz)	5G NR FR1 FD0	5,52	±9.6
10929	AAD	5G NR (DFT-e-OFDM, 1 RB, 10MHz, QPSK, 15AHz)	5G NR FR1 FD0	1.52	±8.6
10000	AAC	5G NR (DFT-s-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	SG NA FRI FDD	6.52	±9.6
10881	AAC	5G NR (DFT-s-OFDM, 1 RB, 26 MHz, QPSK, 15 HHz)	5G NR FR1 FDD	5.51	±9.6
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FRI FDD	5.51	19.6
10933	AAC	50 NR (DFT+-OFDM, 1 RB, 30 MHz, QPSK, 15kHz)	SG NR FR1 FDD	5.51	±8.6
10934	AAC	50 NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.51	19.8
10835	AAD	50 NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.51	19.0
10936	AAD	SG NR (DFT-s-CFDM, 50% RB, 5MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.0
10937	CAA	SB NR (DFT-s-OFDM, 50% RB, 10MHz, QPSK, 15 kHz)	3G NR FR1 FDD	5.77	±9.6
10938	AAC	50 NR (DFTs-OFDM, 50% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.90	19.6
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.82	±9.6
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	+9.6
10941	AAC	SG NR (DFT-6-OFDM, 50% RB, 30MHz, QPSK, 15kHz)	SG NR FR1 FDD	5.83	±9.6
10942	AAC	5G NR (DFT 6-OFDM, 50% RB, 40 MHz, GPSK, 15 kHz)	5G NR FR1 FDD	5.85	19.6
10943	AAD	5G NR (DFT-6-OFDM, 50% RB, 50MHz, GPSK, 154Hz)	SQ NR FR1 FOD	5.95	19.6
10.944	AAD	SG NIN (OFT-s-OFDM, 100% RB, 5MHz, QPSK, 15 kHz)	5G NR FR1 F00	5.81	
10945	AAD	SG NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 MHz)	5G NR FR1 FD0	5.85	±0.6 ±8.6
10945	AAC	SG NR (DFT+) OFDM: 100% RB, 15MHz, QPSK, 15MHz)	5G NR FR1 FOD	5.83	10.0
10947	MAG	5G NR (DFT 6-OFDM, 100% RB, 20 MHz, QPSK, 15 HHz)	9G NR FR1 FDD	5.87	19.6
10948	AAC	56 NR (DFT+-OFDM, 100% RB, 25MHz, QPSK, 15WHz)	SG NR FR1 FDD	5.94	19.8
10949	AAG	5G NR (DFT-e-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.87	
10950	AAC	5G NR (DFT-e-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FRI FOO	5.94	±9.6
10951	AAD	5G NR (DFT 6-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.92	19.6
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz)	BG NR FR1 FD0	8.25	19.6
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 19MHz, 64-QAM, 15WHz)	50 NR FR1 FD0	8.15	49.6
10954	AAA	5G NR DL (CP-GFDM, TM 3.1, 15MHz, 64-QAM, 15HHz)	5G NR FR1 FD0	8.15	+8.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 15+Hz)	5G NR FR1 FD0	8.42	±8.6
10968	AAA	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 35KHz)	50 NR FRI FDO	8.14	19.6
10967	AAA	5G NR DL (CP-OFDM, TM 3.1, 10MHz, 84-QAM, 30 kHz)	5G NR FR1 FD0	8.31	±9.6
10968	AAA	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 38 kHz)	5G NR FRI FDO	8.61	±9.6
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 25MHz, 64-QAM, 30 kHz)	5G NR FRI FDD	8.33	±9.6
10965	AAE	5G NR DL (CP-OFDM, TM 3.1, SMHz, 64-QAM, 15kHz)	5G NR FRI TOO	9.32	19.6
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15KHz)	SG NR FRI TDO	9.36	19.6
10962	AAB	5G NR DL (CP-GFDM, TM 3.1, 15MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	1.9.6
10963	AAC	9G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 15 kHz)	50 NR FRI TDD	9.55	19.6
10964	AAE	5G NR DL (CP-OFDM, TM 3.1, 8 MHz, 54-GAM, 30 KHz)	50 MR FRI TDO	9.00	19.6
10965	AAC	5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30KHz)	5G NR FRI TDD	9.25	19.0
10996	AAB	93 NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 90 kHz)	5G MR FRI TDD	9.55	19.5
10967	AAC	5G NR DL (CP-OFDM, TM 3.1, 19MHz, 64-QAM, 30 kHz)	50 NR FR1 TD0	9.50	
10968	AAD	5G NR DL (CP-OFDM, TM 3.1, 2014Fb, 64-QAM, 3014Fb)	5G NR FRI TOD	9.49	±9.6
10.972	AAC	5G NR (CP-OFDM, 1 RB, 20MHz, OPSK, 10 kHz)	SG NR FRI TOO	11.59	
	-	5G NR (DFTs-OFDM, 1 RB, 100MHz, GPSK, 308Hz)	56 NR FRI TDO		±9.6
10973		5G NR (CP OFDM, 100% RB, 100 MHz, QPSK, 30 KHz)	SG NA FRI TDO	9.06	19.0
10974	AAA	ULLA BOR	ULLA ULLA	1,10	
10979	AAA	ULLA HOR4			±9.8
414797-038	AAA	ULLA HDR8	ULLA	8.58	土兒店
		LANCE TRAIN	ULLA	10.32	±9.6
10980	AAA	ULLA HDRp4	ULLA	3.19	19.6

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June 19, 2024

UID	Bev	Communication System Name	Group	PAR (dB)	Unce A - 2
10903	AAC	5G NR DL (CP-DEDM, TM 3.1, 40 MHz, 64-GAM, 154Hz)	SG NR FR1 TOD	0.31	19.6
10084	AAB	SG NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 HHz)	5G NR FR1 TDD	9.42	±0.6
10995	AAC.	98 NR BL (CP-OFDM, TM 3.1, 40 MHz, 64-GAM, 30 NHz)	50 NR FR1 TD0	0.54	±0.6
10986	AAB	5G NR DL (OP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDO	H.50	±9,6
10987	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	50 NR FR1 TDO	H.53	±9.6
10988	AAB	SG NR DL (CP-CFDM, TM 3.1, 70 MHz, 64-GAM, 30 HHz)	SG NR FR1 TDO	9.38	19.6
10-989	AAD	SG NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-GAM, 30 HHz)	5G NR FR1 TDD	9.03	±9.6
10990	HAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDO	9.52	±9.6
11003	AAA	58 NA DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15HHz)	5G NR FR1 TDO	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 HHz)	90 NR FR1 TD0	10.79	19,6
11006	AAA	SG NR DL (CP-OFOM, TM 3.1, 25 MHz, 64-GAM, 15 kHz)	90 NR FR1 FD0	8.70	±9.6
11008	AAA	50 NR DL (CP-OFOM, TM 3.1, 30 MHz, 64-QAM, 15kHz)	9G NA FR1 FD0	11.55	±9,€
11007	AAA	SS NR DL (CP-OFDM, TM 3.1, 40 MHz, 64 GAM, 16 HHz)	5G NR FRI FDO	8.46	±9/8
11000	AAA	9G NR DL (CR-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	8.51	±9.6
11000	AAA	5G NR DL (CP-OFONL TM 3.1, 25 MHz, 64-GAM, 30 kHz)	SQ NR FR1 FDD	8.76	19.6
11010	AAA	5G NR DL (CP-DFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	50 NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8,96	±9.0
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 84-QAM, 30 kHz)	SG NR FR1 FDD	8.68	±9.6
11.013	AAB	IEEE 802.11be (320 MHz, MCS1, 89pc duty cycle)	WLAN	8.47	±9.€
11014	AAB	IEEE 802,11be (320 MHz, MCS2, 99pc duty (yole)	WLAN	8.45	19.6
11015	AAB	IEEE 802.11be (320 MHz, MCS3, 98pc duty cycle)	WLAN	8.44	±8.6
11016	AAB	IEEE 802.11be (320 MHz, MCS4, Itipc duty cycle)	WLAN	8.44	±9.6
11017	AAB	IEEE 802,11be (320 MHz, MCSS, 38pc duty cycle)	WLAN	8,41	±9.6
11018	AAB	IEEE 802.11be (200 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	19.6
11019	AAB	IEEE 800,11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	9.29	49:0
11020	BAA	IEEE 802.11be (320 MHz, MCS8, Hipo duty cycle)	WLAN	8.27	19.6
11021	BAA	IEEE 802.11be (320 MHz, MCSS, 98pc duty cycle)	9VLAN	8.40	6.9.6
11022	AAB	EEE 802.11be (320 MHz, MCS10, 95pc duty cycle)	WIAN	8.36	±9.0
11023	BAA	ÆEE 802,110e (320 MHz, MCS11, 98pc duty cycle)	WLAN	8.09	29.6
11024	AAB	IEEE 802.11be (320 MHz, MCS12, 98pc duty syste)	WLAN	9.42	89.6
11025	AAB	IEEE 802.11bs (320 MHz, MCS13, 99pc duty cycle)	WLAN	5.37	±9.6
11026	AAB	IEEE 802.11ba (320 MHz. MCSO, 99pc duty cycle)	WLAN	8.39	19.6

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

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Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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

Accreditation No.: SCS 0108

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

Client

HCT

Gyeonggi-do, Republic of Korea

Certificate No

EX-3768_Oct24

CALIBRATION CERTIFICATE		A Market	* 8 A
Object	EX3DV4 - SN:3768	गताश्वय इक्ष । मुन्तुस् । वय २०२५ / कि.म)	2024 1 10.1
Calibration procedure(s)	QA CAL-01.v10, QA CAL QA CAL-25.v8	-12.v10, QA CAL-14.v7, QA CAL-23	.v6,
	1 TOO 10 1 TOO 1 TO 10 P TO 10	dosimetric E-field probes	

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) $^{\circ}$ C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	26-Mar-24 (No. 217-04036/04037)	Mar-25
Power sensor NRP-Z91	SN: 103244	26-Mar-24 (No. 217-04036)	Mar 25
DCP DAK-3.5 (weighted)	SN: 1249	05-Oct-23 (OCP-DAK3.5-1249_Oct23)	Oct-24
OCP DAK-12	SN: 1016	05-Oct-23 (OCP-DAK12-1016 Gct23)	Oct-24
Reference 20 dB Attenuator	SN: CC2552 (20x)	26-Mar-24 (No. 217-04046)	Mar-25
DAE4	SN: 660	23-Feb-24 (No. DAE4-680_Feb24)	Feb-25
Reference Probe EX3DV4	SN: 7948	03-Jun-24 (No. EX3-7349 Jun24)	Jun-25

Secondary Standards	ID .	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-24)	In house check: Jun-26.
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-24)	In house check: Jun-26
RF generator HP 8648C	SN: US3642U01700	84-Aug-99 (in house check Jun-24)	In house check: Jun-26
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Sep-24)	In house check: Sep-26

	Name	Function	Signature
Calibrated by	Joanna Lieshej	Laboratory Technician	Stylling
Approved by	Sven Köhn	Technical Manager	520
		tull without written approval of the lab	Issued: October 07, 2024

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Calibration Laboratory of

Schmid & Partner Engineering AG

Zeuchsusstrasse 43, 8004 Zurich, Switzerland





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

Accreditation No.: SCS 0108

Appredited by the Swiss Appreditation Service (SAS)

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

Glossary

tissue simulating liquid TSL NORMx,y,z sensitivity in free space sensitivity in TSL / NORMx,y,z ConvE diode compression point DCP

crest factor (1/duty_cycle) of the RF signal CF A, B, C, D modulation dependent linearization parameters

e rotation around probe axis Polarization w

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

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 4MHz to 10 GHz)*, October 2020.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization # = 0 (f ≤ 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(t)x,y,x=NORMx,y,x " 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 ConvE
- 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.
- . FAR: 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; VRx,y,z; VRx,y,z; A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- · ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for t ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for t > 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).
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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October 07, 2024 EX3DV4 - SN:3768

Parameters of Probe: EX3DV4 - SN:3768

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (µV/(V/m)²) A	0.49	0.51	0.53	±10.1%
DCP (mV) B	107.1	105.1	106.6	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB√μV	С	dB	WR mV	Max dev.	Max Unc ^E k = 2		
0	CW	X	0.00	0.00	1.00	0.00	120.5	±1.9%	±4.7%		
	500	Y	0.00	0.00	1.00		130.7				
		Z	0.00	0.00	1.00		126.9				
10352	Pulse Waveform (200Hz, 10%)	X	1.39	60.00	6.09	10.00	60.0	±2.8%	±9.6%		
		Y	1.71	61.64	7.22		60.0				
		Z	1.46	60.38	6,24		60.0		500cma*		
10353	Pulse Waveform (200Hz, 20%)	X	0.82	60.00	4,95	6.99	80.0	±2.4%	±9.69		
	410222	Y	0.79	60.00	5.33		80.0				
		2	0.84	60.00	5.02	lance service	80.0				
10354	Pulse Waveform (200Hz, 40%)	X	0.05	127.26	0.27	3.98	95.0	±2.8%	±9.69		
	Control o- Colonial C	Y	0.01	122.34	2.48	Company	95.0				
		Z	2.00	64.00	5.00		95.0				
10355	Pulse Waveform (200Hz, 60%)	X	7.97	159.27	25.13	2.22	120.0		±1.7%	±1.7%	±9.69
		Y	9.80	148.18	17.59		120.0				
		Z	11.29	155.15	10.20		120.0				
10387	QPSK Waveform, 1 MHz	X	0.47	63.57	12.61	1.00	150.0 ±4	±4.2%	±9.65		
		Y	0.58	61.95	11.16		150.0	120000			
		7	0.51	62.48	11.70		150.0				
10388	QPSK Waveform, 10 MHz	X	1,24	66.35	13.54	0.00	150.0	±1.4%	±9.69		
		Y	1.29	63.95	13.03		150.0				
		2	1.27	65.03	13.40		150.0				
10396	64-QAM Waveform, 100 kHz	X	1.73	65.09	16.09	3.01	150.0	±1.0%	±9.69		
		1.6.	1.62	63.38	15.33		150.0				
	CONTROL OF THE PARTY OF THE PAR	Z	1.61	83.76	15.54		150.0	LANGE OF THE PARTY			
10399	64-QAM Waveform, 40 MHz	X	2.76	66.80	15.21	0.00	150.0	±1.7%	±9.61		
	and the second s	Y	2.77	65.29	14.52	10001000	150.0				
		2	2.76	65.94	14.83		150.0				
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.63	66.49	15.26	0.00	150.0	±3.2%	±9.65		
	With the second of the second	Y	4,01	65.89	15.22	Dieselection	150.0	S. A. C. S. S.	1000000		
		Z	3.72	65.65	15.02		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%.

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A The uncertainties of Norm X,Y,Z do not effect the E²-field uncertainty inside TSL (see Page 6).

8 Linearization parameter uncertainty for maximum specified field strength.

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



October 07, 2024

Parameters of Probe: EX3DV4 - SN:3768

Sensor Model Parameters

	C1 fF	C2 (F	ν-1	T1 msV ⁻²	T2 msV ⁻¹	T3 ms	T4 V-2	T5 V=1	T6
X.	7.1	50.72	32.40	3.16	0.00	4.90	0.47	0.00	1.00
V.	12.0	86.76	33.43	2.64	0.00	4.93	0.36	0.00	1.00
2	9.5	68.06	32.58	4.60	0.00	4.90	0.29	0.00	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	30.8*
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

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October 07, 2024 EX30V4 - BN:3768

Parameters of Probe: EX3DV4 - SN:3768

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc*(k = 2)
750	41.9	0.89	9.16	9.45	9.24	0.33	1.27	±11.0%
835	41.5	0.90	8.83	9.11	8.90	0.33	1.27	±11,0%
900	41.5	0.97	8.68	8.95	8.75	0.32	1.27	±11.0%
1750	40.1	1.37	7.59	7.83	7.65	0.31	1,27	±11.0%
1900	40.0	1.40	7.34	7.57	7,40	0.31	1.27	±11,0%
2300	39.5	1.67	7.07	7.29	7.13	0.31	1.27	±11.0%
2450	39.2	1.80	6.86	7.07	6.91	0.31	1.27	±11.0%
2600	39.0	1.96	6.76	6.97	8.82	0.30	1.27	±11.0%

G Prequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±80 MHz. The uncertainty is the RSS of the ConvP uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 30 and 200 MHz respectively. Validity of ConvP assessed at 6 MHz is 4-9 MHz, and ConvP assessed at 3 MHz is 9-19 MHz. Above 5 GHz frequency validity on the extended to ±10 MHz.

The proteer are calibrated using teams simulating liquids (TSL) that deviate for a and or by less than ±9% from the target values (typically better than ±3%) and are valid for TSL with deviations of up to ±10% if SAR correction is applied.

AlphaCeight are determined during collibration. SPEAG warmsts that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below ±2% for frequencies between 3-6 GHz at any distance larger than that the probe tip diameter from the boundary.

**The stated uncertainty is the total calibration uncertainty (k = 2) of Norm ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of ECREEE 60006-1526-2000.

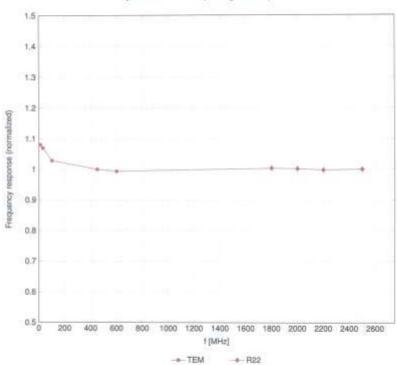
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Frequency Response of E-Field

(TEM-Celi:Iff110 EXX, Waveguide:R22)



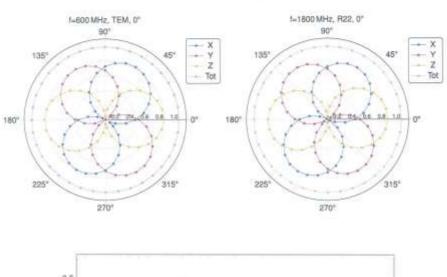
Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

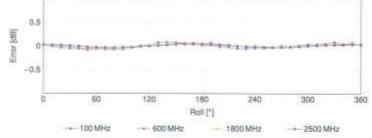
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Receiving Pattern (ϕ), $\theta = 0^{\circ}$





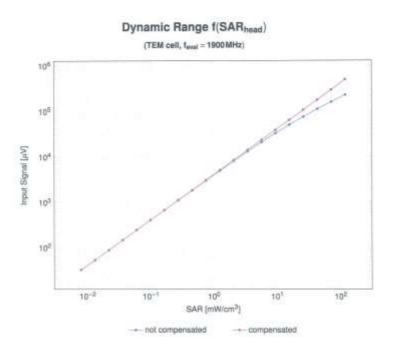
Uncertainty of Axiai Isotropy Assessment: ±0.5% (k=2)

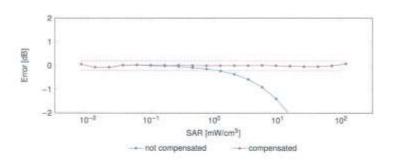
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Uncertainty of Linearity Assessment: ±0.6% (k=2)

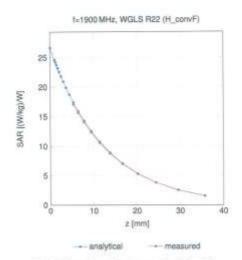
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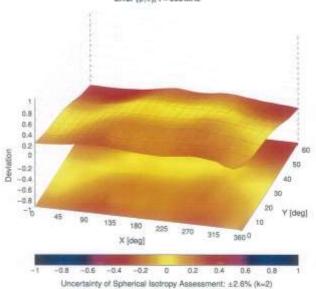
October 07, 2024 EX3DV4 - SN:3768

Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (ϕ, θ) , t = 900 MHz



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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	
. 0		CW	CW	0.00	±4.7
0010	CAB	EAR Validation (Square, 100ms, 10 ms)	Test	10.00	±9.6
0011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±9:6
0012	CAB	IEEE 802 11b WF: 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
0013	CAB	IEEE 802.11g WFi 2.4 GHz (DSSS-OFOM, 6 Mbps)	WLAN	8.46	±9.6
1500	DAC	GSM-FDD (TDMA, GMEK)	GSM	9.30	19.6
0023	DAC	GPRS/FOD (TOMA, OMSK, TN 0)	GSM	9.57	±9.6
0024	DAC	GPRS-FOD (TDMA, GMSK, TN 0-1)	GSM	8.56	±9.8
0025	DAG	EDGE FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAG	QPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
1002B	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10028	DAC	EDGE-FDD (TDMA, BPSK, TN 0-1-2)	GBM	7.78	±8.6
0000	CAA	IEEE 802 15.1 Bluetooth (GFSK, DH1)	Blustooth	5.30	±8.6
10030	CAA	IEEE 802.15.1 Bluetoolh (GFSK, DH0)	Buetooth	1.87	±9.6
	CAA	IEEE 802.15.1 Bluetoath (GFSK, DHS)	Bluetooth	1.18	18.6
10032			Bluetoath	7.74	19.6
10033	CAA	(EEE 802.15.1 Bluetooth (PV4-DQPSK, OH1)	Bluetooth	4.53	±9.6
10034	CAA	IEEE 802.15.1 Bluelooth (PN4-DQPSK, DH3)	Bluetooth	3.83	19.6
10036	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH6)		The state of the state of the state of	
0.036	CAA	IEEE 802.15.1 Bluetooth (B-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluitooth (8-DPSK, DH3)	Bluetooth	4.77	#9.6
0.038	CAA	IEEE 802.15.1 Bluetouth (8-DPSK, DHS)	Bluetooth	4,10	±9.6
10039	CAB	GDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB		AMPS	7.78	±9.0
10044	CAA	IS-91/EIA/TIA-563 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.8
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Stot, 12)	DECT	10,79	±9.6
10.056	CAA	UMTS-TDO (TD-SCOMA, 1.28Mcps)	TD-SCDMA	11.01	19.6
10058	DAG	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	QSM :	0.52	±9.6
10059	CAB	EEE 802.11b WFI 2.4 GHz (DSSS, 2Mbps)	WLAN	2.12	±0.6
10060	CAB	IEEE 802.11b WIFI 2.4 GHz (DBSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	EEEE 800,11b WFI 2.4 GHz (DBSS, 11 Mbps)	WLAN	3.60	+9.6
10062	CAE	IEEE 802.11a/h WFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAE	IEEE BOX 11wh WIFI 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAE	IEEE 802.11a/h WIFLS GHZ (OFDM, 12 Mbps)	WLAN	9.09	£9.6
10065	CAE	IEEE 802,11a/h WIF/ 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±0.6
10066	CAE	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps)	WLAN	9.58	±9.0
10067	CAE	IEEE 802,11a/h WIFI S GHz (OFOM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAE	IEEE 802.11a/n WIFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAE	IEEE 802.11ah WFI EGHz (OFDM, 54 Mbps)	WLAN	10.56	19.6
10071	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/DFDM, 9 Mbps)	WLAN	9.83	±8.6
10072	CAB	IEEE 802.11g WIF 2.4 GHz (DGSS/DFDM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/DFDM, 18 Mbps)	WLAN	9.94	19.6
10074	CAB		WLAN	10.30	
10075	CAB	IEEE 802:11g WIFI 2.4 GHz (DSSS/DFDM, 24 Mbps) IEEE 802:11g WIFI 2.4 GHz (DSSS/DFDM, 36 Mbps)	WLAN	10.77	19.6
	CAB		WLAN		19:6
10076		(EEE 802.11g WIFI 2.4 GHz (DGSS/OFDM, 48 Mbps)	The state of the s	10.94	±9.5
10077	CAR	IEEE 802.11g WIFI 2.4 GHz (DSSS/DFDM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1±RTT, RC9)	GDMA2000	3.97	±9.0
10082	CAR	IS-54 / IS-136 FOD (TOMA/FOM, PH4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TOMA, GMSK, TN 0-4)	GSM	6.96	19.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	19.6
10098	CAC	UMTS-FDD (HSUPA, Subtlest 2)	WCDMA	3.88	±9.6
10,096	DAC	EDGE-FOD (TDMA, BPSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE FDD (9C-FDMA, 100% RB, 20MHz, QPSK)	LTE-FDD	5.87	69.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	8.42	19.0
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 84-QAM)	LTE-FDD	6.60	±9.6
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TOD	9.29	±9.6
10104	CAH	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TOD	9.97	±9.6
10105	CAH	LTE-TOD (SC-FOMA, 100% RB, 30 MHz, 64-QAM)	LTE-TOD	10.01	±9.6
10108	CAH	LTE-FDD (SC-FOMA, 100% RB, 10 MHz, QPSK)	LTE-FOD	5.80	±9.6
10109	CAH	LTE-FDD (SC-FOMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10110	CAH	LTE-FOD (SC-FOMA, 100% RR, 5MHz, QPSK)	LTE-F00	5.75	19.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-F00	8.44	1,9.0

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0112	CAH	LTE FDD (SG FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FD0	6.50	±9.6
0113	CAH	LTE-FDD (SC FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FD0	6.62	±9.8
0114	CAE	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±8.8
0115	CAL	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.48	±9.6
0116	CAE	IEEE 802 T1n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	19.6
0117	CAE	IEEE 802 FIn (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	39.6
0118	CAE	IEEE 802 f In (HT Mixed, 81 Mbps, 16-GAM)	WLAN	8.59	±9.0
0110	CAE	IEEE 802 t In (HT Mixed, 135Mbps, 64-QAM)	WLAN	8.13	±9.6
0140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-GAM)	LTE-FD0	6,48	#9.6
0141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-GAM)	LTE-FD0	6.63	±9.6
0142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LYE-FOO	5.79	#9.8
0143	CAF	LTE-F00 (SC-F0MA, 100% RB. 3 MHz, 16-QAM)	LTE-FDO	6.35	±9.6
0184	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FD0	6.60	±9.6
0145	CAB	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDO	9.78	±9.6
0.146	CAS	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDO	6.41	19.6
0147	CAB	LTE-FDO (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.77	±0.6
0149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 18-QAM)	LTE-FDD	6.42	±9.6
0.150	CAF	LTE-FDO (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6,50	±9.6
0151	CAH	LTE-TDD (SC-FDMA, 50% All), 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
0.152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
0150	CAH	LTE-TOD (SC FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TOD	10.05	±9.6
0.154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-PDD	5.75	±9.6
0155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6,43	±8.6
0158	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, QPSK)	LTE-FDD	5,79	±9.6
0157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 16-QAM)	LTE-FDD	6.49	±9.6
0158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
0158	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-FDD	6.56	±9.6
0160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FD0	5.82	±9.4
0161	CAF	LTE-FOD (SC-FDMA, 50% RB, 18 MHz, 16-QAM)	LTE-FDD	5.43	±9.6
0162	CAF.	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 54-QAM)	LTE-FDD	6.58	±8,6
0.166	CAG	LTE-FOD (SC-FDMA, 50% RB. 1.4 MHz, QPSK)	LTE-FDD	5.48	±9.6
0167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM)	LTE-FOD	6.21	€9.6
0.168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1,4MHz, 64-QAM)	LTE-FDD	6.79	±9.6
0168	CAF	LTE-FOD (SC-FOMA, 1 RB, 26 MHz, QPSK)	LTE-FD0	5.73	±9.4
0170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHJ, 18-QAM)	LTE-FD0	6,52	±9.6
0.171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FOD	6.49	±9.6
0172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	19.6
0173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 16-QAM)	LTE-TOD	9.48	±0.6
0174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 64-QAM)	LTE-TDD	10.25	±9.0
0175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10MHz, QPSK)	LTE-FDD	5.72	±9.6
0176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
0177	GAJ	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	5,73	±9.6
0.178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	6.52	19.6
0179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6,50	±9.6
Clab	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-PDD	6.50	#9.6
0181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-FDD	5.70	19.0
0.182	CAF	LTE FDD (SC FDMA, 1 RB, 15MHz, 16-QAM)	LTE-FDD	6.52	10.0
0183	AVE	LTE-FDD (SC-FDMA, 1 RB, 15MHy, 64-QAM)	LTE-FDD	6.50	±9.0
0.184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
0 185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6,51	19.6
0188	AAF	LTE-FDD (SC-FDMA, 1 RIII, 8 MHz, 64-QAM)	LTE-FOD	6.50	±8.6
0.187	CAG	LTE-FD0 (SC-FDMA, 1 RB, 1,4 MHz, QPSK)	LTE-FDD	5.73	#9.6
0188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16 GAM)	LTE-FDD	6.52	10.0
0.189	CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	±0.6
		IEEE 800, 11n (HT Greenfold, 6.5Mbps, BPSK)	WLAN	8.00	19.6
3194	CAL	III II E 802 11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.0
0195		BELE 802 TIN (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.6
0196	CAL	EEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.8
		IEEE 802 1 In (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
0198	CAE	IEEE 802 11n JHT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6
0219	CAE	IEEE 802 11n (HT Mixed, 7.2 Mbps, BPSK)	WEAN	8.00	±9.6
0220	CAE	IEEE 802 FIn (HT Mixed, 43:3 Mbps, 18-QAM)	WLAN	.0.13	±9.6
0221	CAE	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	29.8
	CAE	IEEE 802 11n (HT Mixed, 15 Mbps, IIPSK)	WLAN	8.08	2,9.8
0223	CAE	IEEE 802.11n (HT Mised, 90 Mbps, 16-QAM) IEEE 802.11n (HT Mised, 150 Mbps, 64-QAM)	WLAN	8.48	19.6
0224	CAE		WEAN	8.08	+9-5

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0225	CAC	LIMTS-FDD (HBPA+)	WCDMA	5,97	±9.6
0226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-TOD	9.49	±9.6
0227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-TOD	10,26	±9.6
0228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MH), QPSK)	LTE-TDD	9.22	±9.6
0228	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHu, 16-QAM)	LTE-TOD	9.48	19.6
0230	CAE	LTE-TDD (SC-FDMA, 1 RB; 3 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
0231	CAL	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TOD	9.19	±9.6
0232	CAH	LTE-TOD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-TDD	9.48	±9.6
0239	CAH.	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-TOD	10.25	3.03
0234	CAH	LTE-TOD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TOD	9.21	±9.6
0235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
0236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
0237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TOD	9.21	±9.6
0238	CAG	LTE-TOD (SC-FOMA, 1 RB, 15 MHz, 16-QAM)	LTE-TOD	9.48	±9.6
0239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-GAM)	LTE-TOD	10.25	±9.6
0240	CAG	LTE-TDD (SC-FOMA, 1 RB, 15 MHz, QPSK)	LTE-TOD	0.21	±0.6
0241	CAC	LTE-TOD (SC-FOMA, 50% RIII, 1.4 MHz, 16-QAM)	LTE-TOO	9.82	29.6
0242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDO	9.86	±9.8
0243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1,4 MHz, QPSK)	LTE-TD0	9.46	±9.6
0244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE:TDD	10.06	±9.0
0245	CAL	LTE-TDD (9C-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TD0	10.08	±9.6
0246	CAE	LTE-YOO (SC-FDMA, 50% RB, 3 MHz, QPSIQ)	LTE-TDD	9.30	8.61
0247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM)	LTE-TDD	9.91	±9.6
0248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-TDD	10.09	±9.6
0248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK)	LTE-TOD	9.29	±9.6
0258	CAH	LTE-TDD (SC-FDMA, 60%, RB. 10 MHz, 18-GAM)	LTE-TOD	9.81	±9.6
0251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
0252	CAH	LTE-TDD (SC-FDMA, 50%-RB, 10 MHz, QPSK)	LTE-TOD	0.24	19.6
0253	CAG	LTE-TOD (SC-FDMA, 50% RB, 15MHz, 16-QAM)	LTE-TOD	9.90	19.6
0254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM)	LTE-YOD	10.14	±9.6
0255	CAG	LTE-TOD (SC-FOMA, 50% RB. 15 MHz, QPSK)	LTE-TOD	9.20	+9.6
0256	CAC	LTE-TOD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.90	±9.6
0257	CAC	LTE-TOD (SC-FOMA, 100% RB, 1.4 MHz, 84-QAM)	LTE-TOD	10.08	±9.6
0258	CAC	LTE-TDD (SC-FOMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±9.6
0259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-TDD	9.98	±9.6
0.260	CAE	LTE-TOD (9C-FOMA, 100% RB, 3 MHz, 64-QAM)	LTE-TOO	9.97	±9.6
0261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-TOO	9.24	±9.6
0262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-TOO	9.85	±9.6
0.263	DAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-TOO	10.16	±9.6
0264	DAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-TOD	9.23	±9.0
0265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
0286	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TOO	10.67	±9.8
0287	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TOO	9.30	1.9.6
0268	CAG	LTE-TDD (BC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TOD	10.06	89.6
0269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	19.5
0270	CAG	LTE-TDD (SC-FDMA, 100% RIR, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
0274	CAC	UMTS-F00 (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.0
0275	CAC	UMTS-F00 (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	19.6
0277	CAA	PHS (QPSK)	PHS	11.81	19.6
0278	CAA	PHS (QPSK, BW 884MHz, Rollott 0.5)	PHS	11.81	59.8
0278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	±9.6
0290	AAB	CDMA2000, RC1, S055, Full Rate	CDMA2000	3.91	±9.5
0291	AAB	CDMA2000, RC3, SO55, Full Rate	COMAZ000	3.46	±9.6
0292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.0
0293	AAB	COMAZO20, RC3, SC3, Full Relie	COMAZIDO	3.50	±9.6
0295	AAB	CDMA2000, RC1; SO3, 1/8th Ratio 25 h.	COMAZ000	12.48	±9.6
0297	AAE	LTE FDID (SC-FDMA, 50% RB, 20MHz, QPBK)	LTE-FDO	5.61	±9.6
0298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	6.72	19.6
0.299	AAE	LTE-FDD (BC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-PDD	6.38	±9.6
0300	AAE	LTE-FDD (BC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDO	8.60	±9.6
10301	AAA	IEEE 802.18e WWAX (29.18, 5ms, 10 MHz, OPSK, PUSC)	WWAX	12.03	19.6
10302	AAA	IEEE 802.16a WIMAX (29.18, 5ms, 10 MHz, GPSK, PUSC, 3 CTRL symbols)	WMAX	12.57	(0.6
0303	AAA	IEEE 802.16e WMAX (31.15, 5 ms, 10 MHz, 64QAM, PUSC)	WWWX	12.52	±9.8
10304	AAA	IEEE 802 16e WMAX (29 18, 5 ms, 10 MHz, 64QAM, PUSC)	WMAX	11.86	29.0
	AAA	EEE 802.16e WMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WMAX	16.24	±9.6
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10307	AAA	IEEE 802 16e WIMAX (29 18, 10 ms. 10 MHz, QPSK, PUSC, 16 symbols)	WIMAX	14.49	±9.0
10308	AAA	IEEE 802 166 WIMAX (29:18, 10 ms. 10 MHz, 16QAM, PUSC)	WMAX	14,48	±9.6
10309	AAA	IEEE 802 18e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WMAX	14.58	±9.6
0310	AAA	IEEE 802 16e WMAX (29:18, 10 ms. 10 MHz, QPSK, AMC 2x3, 18 symbols)	WIMAX	14.57	3,9.8
0311	AAE	LTE-FDD (SC-FDMA, 100% RB, 18 MHz, QPSK)	LTE-FDO	6.06	±9.8
0313	AAA	IDEN 1/3	IDEN	10.51	±9.6
0314	AAA	IDEN 1:8	IDEN	13,48	±9.6
10315	AAH	IEEE 802.11b WFF 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, 56pc duty cycle)	WLAN	8.36	#9.6
10317	AAII	#EEE 802.11a WVFI 5 GHz (OFDM, 6 Mbps. 98pc duty cycle)	WLAN	8.36	±9.6
10362	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
0383	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±8.6
0354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±8.6
10365	AAA	Putse Waveform (200Hz, 80%)	Generic	2.22	#9.6
10356	AAA	Putse Waveform (200Hz, 80%)	General	0.97	39.6
10:367	AAA	GPSK Waveform, 1 MHz	Generic	5,10	±8.0
10388	AAA.	QPSK Wavelorm, 10 MHz	Generio	5.22	±9.8
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	19.6
10399	AAA.	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAF	IEEE 802,114c WIFI (20 MHz, 64-QAM, 89pc duty cycle)	WLAN	8.37	±9.0
10401	AAF	IEEE 802.11ac WIFI (40 MHz, 64-GAM, 98pc duty cycle)	WLAN	8.60	±9.6
0402	AAF	IEEE 802.11ac WF; (80 MHz; 64-QAM, 99pc duty cycle)	WLAN	8,53	19.6
10403	AAB	COMA2000 (1xEV-DO, Rev. 0)	COMA2000	3,76	±8.6
0404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	BAA.	COMAZODO, RCS, SCOZ, SCHO, Full Rate	CDMA2000	5.22	±9.6
10418	AAH.	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, Ut. Subframe=2,3,4,7,8,9, Subframe Cont=4)	LTE-TOD	7.82	±9.0
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
0415	AAA	IEEE 802.11b WiFi 2.4 GHz (OSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
0416	AAA	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	19.6
0417	AAD:	IEEE 802,11a/h WIFI 5 GHz (OFOM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	3.9.6
10418	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 98pc duty cycle, Long preembule)	WLAN	8.14	±9.6
10419	AAA.	IEEE 802.11g WIFI 2.4 SHz (DSSS-OFDM, 6 Mbpe, 98pc duty cycle, Short preembule)	WLAN	8.19	±9.6
10422	AAD	IEEE 802,11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	5.32	±9.6
10423	AAD	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAD	IEEE 802.11n (HT Greenfield, 73.2 Mbps, 64-QAM)	WLAN	6.40	±9.6
10425	AAD	IEEE 802.11n (HT Greenfield, 15 Maps, BPSK)	WLAN	8,61	19.6
10426	AAD	IEEE 802.11n (HT Greenheld, 90 Mbps, 16-QAM)	WLAN	8.45	10.6
10427	AAD.	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	#9.6
10430	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	6.38	±9.0
10432	AAD	LTE-FOD (OFDMA: 16-MHz, E-TM 3.1)	LTE-FDD	8.34	±9.0
10433	AAD	LTE-FDD (OFDMA, 26 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434	AAII	W-COMA (B5 Test Model 1, 64 GPCH)	MCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subtrame=2.3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447	WVE	LTE-FDD (DFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7,56	±9.6
10448	AAE	LTE-FDD (DFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.50	±9.0
10449	AAD	LTE FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE FDD	7,51	士界市
0450	AAD	LTE-FDO (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD:	7.48	±9.6
10.451	AAB	W-COMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
10468	AAE	Validation (Square, 10 ms, 1 ms)	Test	10,00	29.6
10456	AAD	IEEE 802.11ac Wiff (180MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
0457	AAB	UMTS-FOD (DC-HSDPA)	WCDMA	6.62	#9.8
0458	AAA	COMAZU00 (1xEV-DO, Rev. B, 2 namers)	COMA2000	8.56	19.6
0459	AAA	COMA2000 (1xEV-DC, Rev. B, 3 carriers)	CDWV5000	8.25	±9.6
0460	AAB	UMTS-FDD (WCDMA, AMR)	WCGMA	2.39	60.0
0461	AAC	LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subhame=2,3.4.7,6.9)	LTE-TDD	7.80	±9.0
0462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subhame=2,3.4,7.8.9)	LTE-TDD	8.30	±9.6
0.463	AAC	LTE-TD0 (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subharre=2,3,4,7,8,9)	LTE-TDD	8.56	±8.6
0464	AAD	LTE-TDD (SG-FDMA, 1 R8, 3 MHz, QPSK, U. Subframe=2,3,4,7,8,9)	LTE-TDO	7.82	±9.6
0465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 18-QAM, UL Subframe=2,3,4,7,8,9)	TAE-ADD	8.32	#9.6
0486	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LYE-TOO	8.57	#9.6
0467	AAG	LTE-TDD (SO-FDMA, 1 RB, 6 MHz, QPSK, Ut. Subframe=2,3,4,7,8,9)	LTE-TDO	7.82	±9.8
0468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subhame-2,3,4,7,8,9)	LTE-TDO	8.32	89.6
10469	AAG	LTE-TDD (SC-FDMA, 1 RR, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.56	19.8
0470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, UL Subhame=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10471	AAG	LTE-TDD (SC-FDMA, 1 RS, 10MHz, 16-QAM, UL Subframe-2, 3.4.7,6.9)	LTE-TDO	8.32	+9.6

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1047E	AAG	LTE-TDD (SC-FDMA, 1 RR, 10 MHz, 64-QAM, UL Subframes 2.3,4,7,8,9)	LTE-TD0	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, GPSK, UL Subhame=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 16-QAM, UL Subframe=2.3,4,7,8,9)	LTE TOD	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TDD	8,67	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 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-TOD	8.57	±9.6
10478	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, QPSK, UL Subframes 2.3.4,7.8,9)	LTE-TDD	7.24	±9,€
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM, U. Subframe-2.3,4,7,6,9)	LTE-TOD	8.18	18.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe-2,3,4.7.8.9)	LTE-TOD	8.45	±9.6
10482	AAD	LTE-TOD (SC-FDMA, 50% RB, 3MHz, QPSK, UL Subhame=2.3.4.7.6.9)	LTE-TOD	7.71	±9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TOD	8.39	±9.6
10484	AAD	LTE-TDD (SC FDMA, 50% RB, 3MHz, 64-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TOD	8,47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% R8, 5MHz, QPSK, UL Subharne-8,3,4,7,8,9)	LTE-TOD	7.99	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM, UL Subheme=2.3.4,7.8,0)	LTE-TOO	6.36	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 50% RS, 5MHz, 64-QAM, UL Subtrane=2.3,4,7,8,9)	LTE-TOD	8.60	±9.6
10488	AAG	LTE-TOD (SC-FDMA, 50% RB, 10MHz, QPSK, UL Subframe=2,3.4,7.8.9)	LTE-TDO	7.70	±9.6
10489	AAG	LTE-TOD (SC-F0MA, 50% RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.31	#9.8
10490	AAG	LTE-TDD (SC FDMA, 50% RB, 10 MHz, 64-QAM, UL Subhama-2,3,4,7,8,9)	LTE-TDO	8.54	±9.8
10491	AAF	LTE-TOD (SC-FOMA, 50% RB, 15 MHz, QPSK, UL Subharm=2,3.4,7.8.9)	LTE-TDD	7.74	±9.6
10.492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-QAM, UL Subframe=8.3.4,7.8.9)	LTE-TDO	8.41	±9.8
0.483	AAF	LTE-TOD (SC-FDMA, 50% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDO	8.56	19.6
10494	AAG	LTE-TOD (SC-FOMA, 50% RB, 20MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TDO	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 18-QAM, UL Subframe=2.3,4,7.8.9)	LTE-TOO	8.37	±9.6
10498	MAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 64-QAM, UL Subharna+2.3,4,7,8,9)	LTE-TDD	8.54	±9.6
10487	ANG	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	MC	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-TOD	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	19.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 18-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.44	19.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8.9)	LTE-TOD	8.52	±9.6
10503	AAO	LTE-TDD (SC-FDMA, 100% RB, SMHz, QPSK, UL Subframe+2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, SMHz, 16-QAM, UL Subframe+2,3.4,7,8,9)	LTE-TOD	8.31	±9.6
10506	DAA	[.TE-TDD (SC-FDMA, 100% RB, SMHz, 64-QAM, UL Bubhame+2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10506	AAG	LTE-TOD (SC-FOMA, 100% RB, 10MHz, QPSK, UL Subframe=2.3,4,7,8,6)	LTE-TOD	7.74	±9.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM, LB, Subfreme=2,3,4,7,8,9)	LTE-TDD	6.36	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TOD	8.85	±9.6
10509	AAF	LTE-TDD (SC-FOMA, 100% RB, 15 MHz, QPSK, LA. Subframe=2,3,4,7,8,9)	LTE-TOO	7.99	±9.6
10510	AAF	LTE-TDD (SC-FOMA, 100% RB, 15 MHz, 15-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TOD	8.49	±9.6
10511	AAF	LTE-TOD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.51	±9.6
10512		LTE-TOD (SC-FOMA, 100% RB, 20 MHz, QPSK, UL Subtraine=2,3,4,7,8,9)	LTE-TOO	2.74	±8/6
10513		LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE:TOD	8.42	±9.6
10514		LTE-TOD (SC-FDMA, 100% RB, 26 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.45	19.6
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 (DSSB, 5.5 Mbps, 98pc duty cycle)	WLAN	1.57	±9.5
10917	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.4
10518	AAD	IEEE 802.11ah WIFI 5 GHz (OFOM, 9 Mbps, 99pc duty cycle)	WLAN	6.23	±9:0
10519	AAD	IEEE 802.11a/h W/FI 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAD	IEEE 802.11a/h WIFI 5 OHr (OFOM, 18 Mbps, 88pc duty cycle)	WLAN	8.12	±9.6
10521	AAD	IEEE 802.11a/h WIFI-5 GHz (OFDM, 24 Mbps, 98pc duty cycle)	WLAN	7.97	19.6
10522	AAD	IEEE 802.11a/h WIFI 5 GHz (OFOM, 35 Mbps, 98pc duty cycle)	WLAN	8.45	±9.6
10523	AAD	IEEE 802,11ah WFI 5 GHz (OFOM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	19.6
10524	AAD	IEEE 802,11a/n WIFLS GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.5
10,525	AAD	IEEE 802.11ac WFI (28 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9-0
10526		IEEE 802.11ac W/Fi (20 MHz, MCS1, 98pc duty cycle)	WLAN	8.42	±8/fi
10527	AAD	IEEE 802.11ac W/FI (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.21	±9.6
0528	DAA	IEEE 802.11ac WIFI (20 MHz, MCS3, 98pc duty cycle)	WLAN	8.36	19.6
0529		IEEE 802.11ac WFI (20 MHz, MCS4, 80pc duty cycle)	WLAN	8.36	±9.6
0531	AAD	IEEE 802,11ac WIFI (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.5
10532	AAD	IEEE 802,11ac WIFI (20 MHz, MCS7, 98pc duty cycle)	WLAN	8.29	±9.9
10533		IEEE 802.11ac WFI (20MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.8
10534		IEEE 802.11ac WIFI (40 MHz, MCS0, 98pc duty cycle)	WLAN	8.45	±9.6
10535		IEEE 802.11ac WIFI (40 MHz, MCS1, 99pc duty cycle)	WEAN	8.45	3,9.8
10538		IEEE 802.11sc WIFI (40 MHz, MCS2, 98pc duty cycle)	WLAN	8.32	±9.0
10537	AAD	IEEE 802.11sc Will (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
10538	AAD	IEEE 802.11ec WiFI (40MHz, MCS4, 98pc duty cycle)	WLAN	8.54	±9.6
10540	(JAA)	IEEE 802.1 fac WIFI (40 MHz, MCS8, 99pc duty pycle)	WLAN	8.39	±9.8

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10541	AAD	IEEE 802.11ac WIPI (40 MHz, WCS7, 99pc-duty cycle)	WLAN	8.46	±9.6
0542	AAD	IEEE 802,11ac WIFI (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
0543	AAD	IEEE 802.11ac WIFI (40 MHz, MCS9, 99pc duty cycle)	WLAN	8,65	±9.6
0544	AAD	IEEE 802,11ac WIFI (80 MHz, MCS0, 98pc duty cycle)	WLAN.	8.47	±9.6
0545	AAD	IEEE 802.11sc WIFI (80MHz, MICS1, S9pc duty cycle)	WLAN	8,55	±8.6
0548	CAA	IEEE 802.11ac WIFI (88 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9,5
0547	CAA	IEEE 802,11ac WiFi (80 MHz, MCS3, 99po duty cycle)	WLAN	8.40	±9.6
0548	AAD	IEEE 802 11ap WIF (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	19.6
D550	DAA	IEEE 802 11ac WFI (80 MHz, MCS8, 90pc duty cycle)	WLAN	8,36	±9.6
10551	AAD	IEEE 802.11ac WIFI (80 MHz, MCS7, Rigor duty cycle)	WLAN	8.50	±9.6
10552	AAD	IEEE 802.11ac WIFI (80 MHz, MCS8, 99pc duty cycle)	WLAN.	8.42	±9.6
10553	AAD	IEEE 802.11ac WF (80 MHz, MCSS, 95pc duty cycle)	WLAN	8.45	#9.6
10554	AAE	IEEE 802.11ac WFI (160 MHz, MCS0, 98pc duty cycle)	WLAN	8.48	±9.6
10565	AAE	IEEE BQ2,11ac WiFI (160 MHz, MCS1, 99pc duty cycle)	WLAN	8,47	±9.6
10556	AAE	IEEE B02.11ac W/FI (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAE	IEEE 802.11ac WIFI (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
0558	AAE	IEEE 800.11ag WIFI (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
0550	AAE	IEEE B02.11ac WiFi (180 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAE	HEEE 802,11sc WIFI (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.4
10562	AAE	IEEE 802.11ac WiFi (180 MHz, MCSB, 99pc duty cycle)	WLAN	8.89	±9.6
0.963	AAE	IEEE 802,11ac WiFi (160 MHz, MCS8, 98pc duty cycle)	WLAN	8.77	19.6
0564	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
10965	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbgs. 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbgss, 99pc duty cycle)	WLAN	8.13	±9.€
10987	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN.	8.00	±9.6
1006B	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WEAN	8.37	±9.0
10569	AAA	IEEE 802.11g WFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WFL2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.116 WF 2.4 GHz (DBSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WIF) 2.4 GHz (OBSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	EEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mops, 90pc duty cycle)	WLAN	1.98	±9.0
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, 8 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	19.6
10579	AAA	IEEE 902.11g WiFl 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 duly cycle)	WLAN	6.35	±9.6
10582	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10583	AAD	IEEE 802.11 WIFI 5 GHz (OFOM, 8 Mbps, 90pc duty cycle)	WLAN	8.59	±8.6
10584	AAD	IEEE 802:11wh WIFI 5 GHz (OFDM, 0 Mbps, 80pc duty cycle)	WLAN	8.60	±9,6
10580	AACI	IEEE 802.11ah WIFI 5 GHz (OFOM, 12 Mops, 90pc duty cycle)	WLAN	6.70	±9.6
10586	AAD	IEEE 802.11shh WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10567	AACI	IEEE 802.11a/h WIFI 5 GHz (OFCM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	19.6
10588	AAD	IEEE 802.11ah WIFI 8 GHz (OFDM, 38 Mbps, 80pc duty cycle)	WLAN	8.76	±9.6
10988	AAD	IEEE 802, I ta/h WIFI 6 GHz (OFOM, 48 Mops, 90pc duty cycle)	WLAN	0.35	±9.6
10590	AAD	IEEE 802.11a/h WIFI 5 GHz (DFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±8.6
10591	AAD	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9,6
10592	AAD	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAD	IEEE 802,11n (HT Mixed, 2DMHz, MCS2, 90pc duty cycle)	WLAN	6.64	±9.6
10594	AAD	IEEE 802,11n (HT Mixed, 20MHz, MCS3, (l0pc duty cycle)	WLAN	8.74	±9.6
10595	AAD	IEEE 802.11n (HT Wixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9,6
0596	AAD	IEEE 802.11n (HT Missd, 20MHz, MCS5, 90pc duty cycle)	WLAN	6.71	±9:0
10597	AAO	IEEE 802.11n (HT Mixed, 20 MHz, MCS8, 90pc duty cycle)	WLAN	8.72	±9.0
0598	AAC	IEEE 802.11n (HT Mised, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.0
0.599	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCSC, 90pc duty cycle)	WLAN	8.79	±9.6
0800	AAG	IEEE 802 11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9,6
10601	AAG	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
10605	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	39.6
10603	AND	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	29.0
10604	MAG		WLAN	8.76	±9.6
10605	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MC58, 90pc duty cycle)	WLW	8.97	3.2.6
10608	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.8
10607	AAD	IEEE 802.11sc WIFI (20 MHz, MG80, 90pc duty cycle)	WLAN	8.64	±8.ff
10805	AAD	IEEE 802.11ac WIFI (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	+9.6

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UID	Rev	Communication System Name	Group	PAR (dll)	Unc ^E k =
10609	AAD	IEEE 802.11ac WIF (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAD	IEEE 802,11ac WFI (20 MHz, MCS3, 90pc duty cycle)	WLAN	6.78	±8.6
0611	AAD	IEEE IIO2.11ac WIFI (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	19.6
0612	AAD	IEEE 802.11sc Wiff (20 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	±0.6
0613	AAD	IEEE 802,11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
G614	AAD	IEEE 802.11ac WIFI (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
0615	AAD	IEEE 800.11ac WIFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±8.6
0616	AAD	IEEE 802.11ac WF (40 MHz, MCS0, 90pc duty cycle)	WILAN	8.82	19.6
0917	AAD	IEEE 802.11ac WFI (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
061B	AAD	IEEE 802,11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
0619	AAD	IEEE 802.11ac WF1(40 MHz, MCSO, 90pc duty cycle)	WLAN	0.86	±9.6
0.650	AAD	IEEE 802.11ac WIFI (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
0621	AAD	IEEE 802.11ac WIFI (40 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	±9.6
0822	AAD	IEEE 802.11ac WFi (40 MHz, MCS6, 80pc duty cycle)	WLAN	8.68	±9.6
6539	AACI	IEEE 802.11ac WIFI (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.8
0624	AAD	IEEE 802.1 fac WIF1 (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.8
0625	AAO	IEEE 802 1 fac WIFI (40 MHz, MCS9, 90pc duty cycle)	WEAN	8.96	±9.6
0626	AAD	IEEE 802 f fac WIFI (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
0827	AAD	IEEE 802.11ac WIFI (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	#9.6
0.658	AAD	IEEE 802.11ac WFI (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	69.6
0658	AAD	IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.65	±9.0
0630	AAD	IEEE 802.11ac WIFI (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
0631	AAD	IEEE 802.11sc WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	18.8	±8.6
0632	AAD	IEEE 802 11sp WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
0633	AAD	IEEE 802.11ac WIFI (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	19.6
0634	AAD	IEEE 802,11ac WIFI (80 MHz, MCSB, 90pc duty cycle)	WLAN	8.80	±9.6
0.635	AAD	IEEE 802,11ac WIFI (80 MHz, MCSB, 90pc duty cycle)	WLAN	8.81	±0.0
0636	AAE	IEEE 802.11ap WIFI (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
0637	AAE	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	19.6
10638	AAE	IEEE 802.11ac WFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
0439	AAE	IEEE 852,11sc WIFI (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	19.6
10641	AAE	IEEE 802.11xc WIF (160 MHz, MCSS, 90pc duty cycle)	WLAN	9.06	±0.0
10542	AAI	IEEE 802,11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9:00	±9.0
10643	AAE	IEEE 802.11sc WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.09	±9.0
10544	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±0.6
10645	AAE	IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±8,6
10946	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TOD	11.96	#9.6
0,647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.98	#9.8
0648	AAA	CDMA2800 (1x Advanced)	CDMA2000	3.45	19.6
0852	AAF	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Glipping 44%)	LTE-TDD	6.91	£9.6
0853	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±8.0
0854	AAE	LTE-TDD (OFOMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
0855	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7,21	±9.6
0858	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
0859	AAB	Pulse Wereform (200Hz, 20%)	Test	0.99	±9.8
0980	BAA	Pulse Waveform (200Hz, 40%)	Test	3.98	£9.6
10001	AAB	Pulse Waveform (200Hz, 90%)	Tost	2.22	6.9.6
0.062	AAB	Pulse Waveform (200Hz, 80%)	Tost	0.97	19.6
0870	AAA	Bluetooth Low Energy	Bluelpoth	2.10	±9.6
0671	AAC	IEEE 802, 11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
0.672	AAC	IEEE 802,11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
0673	AAC	IEEE 802 11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	5.76	±9.6
0874	AAC	IEEE 902.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8,74	±8.6
0875	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	£9.8
0876	AAC	IEEE 802.11ax (20 MHz, MCSS, liGpc duty cycle)	WLAN	8,77	£9.8
0877	AAC	IEEE 802.11au (20 MHz, MCS8, 90pc duty cycle)	WLAN	8,73	1,9.6
0878	AAC	IEEE 802.11 ax (I/0 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	19.6
0579	AAC	IEEE 802,11 ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	19.6
0.680	AAC	IEEE 802,11ax (20 MHz, MCIS9, 90pc duty cycle)	WLAN	8.80	±0.6
10881	AAC	IEEE 800.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±8.0
10682	AAC	IEEE 807.11ax (20MHz, MCS11, 90pc duty cycle)	WLAN	8.93	±9.6
0.683	AAC	IEEE 802,11 ex (20 MHz, MCS0, 99pc duty cycle)	WLAN	5.42	18.6
0684	AAC	IEEE 802,11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
0.985	AAC	IEEE 808.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	19.6
0886	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	+9.6

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UID	Rev	Communication System Name	Group P	AR (dB)	Unc [®] k =
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 98pc duty cycle)	WLAN	8.45	±9.6
0688	AAC	IEEE 802.11ax (20 MHz, MCSS, 99pc duty cycle)	WLAN	8.29	±9.8
0880	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.35	±9.6
0690	AAC	IEEE 802.11gx (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
0.681	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	+9.6
0682	AAC	IEEE 802 11ax (20 MHz, MCS9, 98pc duty cycle)	WLAN	B.20	±9.6
0893	AAC	IEEE B02.11gs (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	19.6
0894	AAC	IEEE 802,11px (20 MHz, MCS11, 98pc duty cycle)	WAN	6.57	±9.6
_	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	6.78	±9.6
0895	AAC	IEEE 802,11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
0.694		IEEE 802,11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	19.6
0897	AAC		WLAN	8.89	19.6
0.696	AAC	IEEE 802 11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.82	3,9.0
0888	AAC	IEEE 802.11ex (40 MHz, MCS4, 90pc outy cycle)	WLAN	8.73	±9.6
0700	AAC	IEEE 802.11ax (46 MHz, MCSS, 90pc duty cycle)			
0701	AAC	IEEE 802,11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	19.6
0702	AAG	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	89.6
0.703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.5
0.704		IEEE 802.11ax (40 MHz, MCS8; 90pc duty cycle)	WLAN	8.56	±9.fi
0705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.0
0706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
0.707	AAC	IEEE B02.11ax (40 MHz, MCS0, 98pc duty cycle)	WLAN	8:32	±0.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 98pc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.0
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 802,11 ax (40 MHz, MCSS, 99pc duty cycle)	WLAN	8.67	#9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCSd, 99pc duty cycle)	WLAN	8.33	10.6
10714		IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.20	±9.0
10715		IEEE 802, 11ax (40 MHz, MCS8, 88pc duty cycle)	WLAN	8.45	±8.6
10716		IEEE B03.11ax (40 MHz, MCSB, 99pc duty cycle)	WLAN	8.30	±8.6
10717		IEEE 802 11ax (40 MHz, MCS10, 95pc duty cycle)	WLAN	8.48	+9.6
10718		IEEE 802,11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10718		IEEE 802 11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10720		IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WEAN	8.87	10.6
10721	-	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.70	±9.0
10722		IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±8.6
10725	AAC	IEEE 802,11ax (80 MHz, MCSH, 90pc duty cycle)	WLAN	8.70	±8.6
10724		IEEE 802.11 ax (80 MHz, MCSS, 90pc duty cycle)	WLAN	8.90	+9.6
10725	AAC	IEEE 800.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	6.74	
10726			WLAN	8.72	±9.6
		IEEE 800, 11ax (80 MHz, MCS7, 90pc duty cycle)			8.03
10727		IEEE 802.11 ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.0
10728		IEEE 802,11 tox (80 MHz, MC99, 90pc duty cycle)	WLAN	6.65	±9.0
10729		IEEE 800.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±8.6
10.730		IEEE 902,11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±8.6
10731	AAC	IEEE 802,11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	6.42	±9.6
10732		IEEE 802.11ax (80 MHz, MCS1, 100pc duty cycle)	WLAN	8.46	±9.6
10733		IEEE 802.11ax (80 MHz, MGS2, 99pc duty cycle)	WLAN	5.40	8.63
10734		IEEE 802.11ax (80 MHz, MCSS, 99pc duty cycle)	WILAN	8,25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	8.83
10736		IEEE 802,11 as (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±0.0
10737		IEEE 800.11 ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10738		IEEE 802,11ax (80 MHz; MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10739		IEEE 802.11ax (80 MHz, MC/58, 99pc duty sycle)	WLAN	5.29	±9.0
10740	AAC	IEEE 802.11ax (80 MHz, MCSS, S9pc duty cycle)	WLAN	5.48	±9.6
10741	AAC	IEEE 800,11 ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±8.6
10742	AAC	IEEE 802,11 ex (80 MHz, MCS11, 98pc duty cycle)	WLAN	8.43	±0.6
10743	AAC	(EEE B02.11ax (160 MHz, MCS0, B0pc duty cycle)	WLAN	8.94	+0.6
10744	AAC	IEEE B08.114x (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	19.0
10745		IEEE 802 11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	19.6
10746	AAC	IEEE 802 11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.6
10747	AAC	IEEE 802 11an (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.0
10748	MAG	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	-
10749	AAC	IEEE 802 11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9,6
10758	MC	IEEE 802.11ax (100 MHz, MCS7, 90pc duty cycle)	WLAN		±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.79	±9.6
10752	AACI	BITT 802.11ax (160 MHz, MCSR, 90pc duty cycle)	The state of the s	8.82	±9.6
147aE	nnu	where executer continuests winds and and charge	WLAN	8.81	±9.6

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10753	AAC	IEEE 800.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
10.754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty tryole)	WLAN	8,94	±9.6
10755	AAG	EEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
10796	AAC	IEEE B02.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	#.77	±9.6
10757	AAC	IEEE 802.11ax (150 MHz, MGS2, 89pc duty cycle)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10.75#	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10790	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
10791	AAC	EEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	11.58	#9.8
10762	AAC	IEEE 802.11ax (160 MHz, MC87, Milps duty cycle)	WLAN	8.49	±9.6
10783	AAC	IEEE 802.11ax (150 MHz, MCS8, ligps duty cycle)	WLAN	11.53	±9.6
10764	A4C	IEEE 802.11ax (180 MHz, MC99, 99pc duty cycle)	WLAN	8.54	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 98pc duty zydle)	WLAN	8.54	±9.6
0.766	AAC	IEEE 802.11ax (160 MHz, MC511, 99pc duty cycle)	WLAN	8.51	±9.6
0.767	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAE	5G.NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8,01	±9.6
10769	AAD	SG NR (CP-OFOM, 1 RB, 15 MHz, GPSK, 15 kHz)	5G NR FR1 TOD	8.01	±9.6
10770	AAE	5G NR (CP-OFOM, 1 RB, 20 MHz, QPSK, 15 kHz)	SQ NR FR1 TDD	8.02	18.6
10771	AAD	50 NR (CP-OFOM, 1 RB, 25 MHz, QPSK, 15 kHz)	50 NR FR1 TOD	8.02	19.6
10772	AAE	5G NR (CP-OFOM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	5.23	±9.6
0773	AAF	5G NR (CP-OFOM, 1 RE, 40 MHz, QPSK, 15 kHz)	93 NR FRI TOD	8.03	±9.6
0774	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	50 NR FR1 TOO	8.02	±9.6
0775	AAF	5G NR (CP-CIFOM, 50% RB, 5MHz, CPSK, 15%Hz)	50 NR FR1 T00	8.31	±9.6
0776	AAE	9G NR (CP-OFOM, 90% RB, 10 MHz, QPSK, 15 kHz)	50 NR FR1 TOD	8.30	±9.6
0777	AAC	9G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	50 NR FR1 T00	8.30	±9.6
0.778	AAE	9G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.34	±9.0
0779	AAC	9G NR (CP-OFDM, 50% RB, 25MHz, QPSK, 15MHz)	SG NR FRI TOO	8.42	±9.6
0750	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	SG NR FR1 TOO	8.38	±9.6
0781	AAF	50 NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TD0	8.38	25.6
0782	AAE	5G NR (CP-OFDM, 50% RB, 50MHz, QPSK, 15KHz)	50 NR FR1 TD0	8.45	19.6
0.780	AAG	50 NR (CP-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	50 NR FR1 TD0	8.91	±9.6
0784	AAE	50 NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	50 NR FR1 T00	8.29	±9.6
0.785	CAA	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TD0	B.40	±9.6
0780	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	SG NR FRI TOO	8.35	±9.6
0767	AAO	5G NR (CP-OF0M, 100% RB, 25 MHz, QPSK, 15 kHz)	SG NR FRI TDD	8.44	±9.6
0.788	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 T00	8.39	±9.6
0.789	AAF	SG NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TD0	8.97	±9.6
0790	AAE	9G NR (CP-OFDM, 100% RB, 50 MHz, QPBK, 15 NHz)	50 NR FRI TOO	8.39	±9.4
0791	AAG	93 NR (CP-OFOM, 1 RB, 5MHz, QPSK, 30 kHz)	50 NR FR1 TD0	7.83	±9.6
0792	AAE	9G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	50 NR FRI TOD	7.92	±9.6
0793	AAD	53 NR (CP-QF0M, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FRI TOO	7.95	±9.6
0794	AAE	SG NR (CP-OFDM, 1 RB, 20 MHJ, QPSK, 30 kHz)	5G NR FRI TDD	7.82	19.6
0795	AAD	56 NR (CP-OFOM, 1 RB, 25 MHz, QPSK, 30 MHz)	6G NR FR1 TDD	7.84	19.6
0796	AAE	5G NR (CP-OFOM, 1 RB, 30 MHz, QPSK, 30 KHz)	SG NR FR1 TOO	7.82	±9.6
0797	AAF	5G NR (CP-QF0M, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	8.01	±9.6
0708	AAE	50 NR (CP-OFOM, 1 RB, 50 MHz, QPSK, 30 kHz)	SO NR FRI TOD	7.89	±9.6
0798	AAF	5G NR (CP-CIFOM, 1 RB, 66 MHz, GPSK, 30 kHz)	50 NR FRI TOO	7.93	±9.6
0801	AAF	5G NR (CP-OFOM, 1 RB, 80 MHz, QPSK, 30 kHz)	50 NR FRI TOD	7.89	±9.6
0802	AAE	5G NR (CP-OFDM, 1 RB, 96 MHz, QPSK, 30 kHz)	SQ NR FRI TOD	7.87	±9.6
0.803	AAF	5G NR (CP-OFOM, 1 RB, 100MHz, GPSK, 30NHz)	50 NR FRI TOD	7.93	19.6
0806	AAE	5G NR (CP-OFOM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.34	19.6
0806	AAD	5G NR (CP-OFOM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FRI TOD	8.37	±9.6
0809	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.34	±9.6
0910	AAF	50 NR (CP-OFOM, 50% RB, 40 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	8.34	±9.6
0812	AAF	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	50 NR FR1 TOD	8.35	±9.6
0817	AAG	5G NR (CP-OFOM, 100% RB, 5 MHz, QPSK, 30 kHz)	50 NR FR1 TOD	8.35	19.6
DB18	AAE	5G NR (CP-QFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	50 NR FR1 TOD	8.34	19.6
0810	AAD	5G NR (CP-OFOM, 100% RB, 15 MHz, QPSK, 30 HHz)	50 NR FR1 TOD	8.33	±9.6
0820	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	SG NR FR1 TOD	8.30	±9.6
0821	AAD	50 NR (CP-OFOM, 100% RB, 25 MHz, QPSK, 30 KHz)	50 NR FRI TOD	8.41	+9.6
0822	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	19.6
0823	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FRI TOD	8.36	19.6
0824	AAE	5G NR (CP-CFOM, 100% RB, 50 MHz, CPSK, 38 kHz)	5G NR FRI TOD	8.39	±9.6
	AAF	5G NR (CP-OFDM, 100% RB, BOMHZ, CPSK, 30kHz)	5G NR FRI TOD	8.41	±0.6
0826		The state of the s	SAT PER COLUMN	0.91	工机.0
082fi 0827	AAF	5G NR (CP-OFDM, 100% R8, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6

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UID	Bay	Communication System Name	Group	PAR (dB)	Unc [®] k =
10929	AAF	5G NR (CP OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	8.40	±9.6
0.630	AAE	50 NR (CP-OFDM, 1 RB, 10 MHz, OPSK, (ID kHz)	5G NR FR1 TDD	7.63	±9.6
0831	AAD	50 NR (CP-OFDM, 1 RB, 15MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.73	#9.6
0832	AAE	50 NR (CP-OFDM, 1 RB, 20 MHz, GPSK, 60 kHz)	5G NR FR1 TOD	7,74	±9.6
0833	CAA	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 60AHz)	5G NR FR1 TDD	7,70	±9.6
0834	AAE	5G NR (CP-OFDM, 1 R8, 30 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.75	19.6
0835	AAF	5G NR (CP-OFOM, 1 RB, 40 MHz, QPSK, 60 kHz)	SQ NR FR1 TDD	:7.70	±9.6
0836	AAE	50 NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6
0837	AAF	SG NR (CP-OFDM, † RB, 60 MHz, QPSK, 60 kHz)	50 NR FRI TOD	7.88	±9.6
0B39	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FRI TOD	7,70	±9.6
DB40	AAE	5G NR (CP-OFDM, 1 AB, 90 MHz, QPSK, 50 kHz)	50 NR FR1 TOD	7.67	±9.6
0841	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
0843	AAD	53 NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	SG NR FR1 TOD	8.49	±9.6
0644	AAE	50 NR (CP-OFDM, 50% R8, 20 MHz, GPSK, 60 kHz)	SG NR FR1 TOO	8.34	19.6
0846	AAE	5G NA (CP-OFDM, 50% R8, 30 MHz, GPSK, 60 kHz)	56 NR FRI TOO	8.41	±9.6
0854	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, CPSK, 50 kHz)	50 NR FR1 T00	8.34	±9.5
0855	AAD	5G NR (CP-OFDM, 100% RB, 18 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
0.850	AAE	SG NR (CP-DFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	SG NR FR1 TDO	8.37	19.9
0857	AAD	SG NR (CP-QFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
0858	AAE	90 NA (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 KHz)	50 NR FR1 TDD	8.36	±9.6
1859	AAF	SQ NA (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	50 NR FR1 TD0	8,34	±9.6
0860	AAE	50 NR (CP-OFDM, 100% RB, 50MHz, QPSK, 60KHz)	5G NR FR1 TDD	8.41	#9.6
0861	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	50 NR FR1 TDD	8.40	±8.6
0860	AAF	5G NR (GP-OFDM, 100% RB, 80MHz, QPSK, 60NHz)	5G NR FR1 TDD	8.41	19.6
0884	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
0865	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 KHz)	5G NR FR1 TOD	8.41	±9.6
0886	AAF	9G NR (DFT-s-OFDM, 1 RB, 100MHz, QPSK, 30kHz)	59 NR FR1 TDD	5,68	±9.6
0868	AAF	5G NR (DFT-s-OFOM, 100% RB, 100 MHz, GPSK, 30 kHz)	SG NR FR1 TDD	5.89	±9.6
0.869	AAE	5G NR (DFT's-OFDM, 1 RB, 100 MHz, QPSK, 120 MHz)	SO NR FR2 TDO	5.75	±9.6
0870	AAE	50 NR (DFT-s-OFDM, 100% RB, 100MHz, QPSK, 120kHz)	50 NR FR2 TD0	5.86	89.6
0871	AAE	50 NR (DFT4-DFDM, 1 RB, 100MHz, 18QAM, 120KHz)	5G NR FR2 TOO	5.75	±9.6
0872	AAE	50 NR (DFT-s-OFDM, 100% RB, 100MHz, 16QAM, 120kHz)	8G NR FRE TOO	6.82	±9.6
0873	AAE	50 NR (DFT-s-OFDM, 1 RB, 100MHz, 84QAM, 120kHz)	6G NR FR2 TD0	6.61	±9.6
0874	AAI	SG NR (DFT-s-OFDM, 100% RB, 100 MHz, 84GAM, 120 kHz)	5G NR FR2 TD0	6.65	±9.6
0876	AAE	BG NR (CP-OFDM, 1 RB, 100 MHz, GPSK, 120 kHz)	SG NR FR2 TDD	7.78	±9.6
0876	AAE	8G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	50 NR FR2 TD0	8.39	±9.6
0877	AAE	5G NR (CP-OFDM, 1 AB, 100 MHz, 16QAM, 120 MHz)	50 NR FR2 700	7.95	±9.6
0978	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 KHz)	5G NR FR2 T00	E.41	±9.6
0879	AAE	5G NR (OP-OFDM, 1 R8, 100 MHz, 64QAM, 120 kHz)	5G NR FRE TOO	8.12	±9.6
0880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64GAM, 120 NHz)	5G NR FR2 TOO	8.36	±9.6
1880	AAE	50 NR (DFTs-DFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FRE TOO	6.75	±9,6
0882	AAE	5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK; 120 kHz)	6G NR FR2 TD0	5,96	±9.6
0883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 hHz)	5G NR FR2 TDO	8.57	±9.6
0884	AAE	5G NR (DFT-s-DFDM, 100% RB, 50 MHz, 16QAM, 120 XHz)	SG NR FR2 TD0	6.53	±9.6
0885	AAE	SG NR (DFT-a-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TD0	8.61	±9.6
0887	AAE	SG NR (DFT-e-OFDM, 100% RR, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TD0 5G NR FR2 TD0	8.65 7.78	±9.6
	and the second	SG NR (CP-OFDM, 1 RB, 50 MHz, GPSK, 120 HHz) SG NR (CP-OFDM, 100% RB, 50 MHz, GPSK, 120 HHz)	The state of the s		±9.6
0888	AAE	Early March Control of the Control o	5G NR FRE TOO	8.35	±9.6
0889	AAE	SG NR (CP-OFDM, 1 RB, 50MHz, 16QAM, 120kHz)	5G NR FR2 TDD	8.02	
	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 MHz)	A CONTRACTOR OF THE CONTRACTOR		19.6
0891	AAE	SG NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) SG NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
0897	AAE	5G NR (DFT-6-DFDM, 1 RB, 5MHz, QPSK, 30MHz)	50 NR FR1 TDD	5.66	_
0.899	AAC	50 NR (DFT-6-CPUM, 1 RB, 5 WHZ, CPSK, 30 kHz)	50 NR FR1 TDD	5.67	±9.6
0899	AAB	SG NR (DFT-s-OFDM, 1 RB, 15MHz, CPSK, 30kHz)	50 NR FR1 TDD	5.67	±9.0
0900	AAC	50 NR (DFT»-OFOM, 1 RB, 20MHz, QPSK, 30NHz)	5G NR FRI TDD	5.68	±9.0
0900	AAB	50 NR (DFT-6-OFDM, 1 R8, 25MHz, QPSK, 30NHz)	5G NR FR1 TDD	5.60	±9.6
0902	AAC	50 NR (DFT-e-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5.68	±9.6
0905	AAD	5G NR (DFT4-OFDM, 1 RE, 40 MHz, OPSK, 30 MHz)	5G NR FR1 TDD	5.68	±9.6
0904	AAC	5G NR (0FT-s-OFOM, 1 RB, 50MHz, QPSK, 30kHz)	5G NR FRI TOD	5.68	±9.6
0905	AAD	5G NR (DFT-e-OFDM, 1 RB, 60MHz, QPSK, 304Hz)	5G NR FRI TOD	5.68	19.6
0906	AAD	5G NR (DFT-s-OFDM, 1 RB, 80MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.68	19.6
0907	AAE	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QFSK, 30KHz)	5G NR FR1 TDD	6.78	19.6
	AAC	5G NR (DFT-s-OFGM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
INDOM:		and the fact of the country of the fill the end of the country	pa ne cet tuu	m.ord	30.0
0906	AAB	5G NR (DFT-s-OFDM, 50% RB, 19 MHz, QPSK, 30 kHz)	53 NR FR1 TDD	5.96	±0.6

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10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	9G NR FR1 TOD	0.93	±9.8
10912	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	SG NR FR1 TOD	5.84	19.6
0913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.64	±9.0
0914	AAD.	5G NR (DFT a-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	50 NR PR1 TDD	5.85	±9,6
0915	AAD	5G NA (DFT-e-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NA FA1 TOD	5.83	±9/6
0916	AAD	SG NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.87	±9/6
0917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FRE TOO	5.94	19.6
0918	AAE	SG NR (DFTs-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	5.88	±9.6
0919	AAC	50 NR (DFTs-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	SG NA FRI TOO	5.86	主9.8
0880	AAB	50 NR (DFT+-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	SG NR FR1 TDO	5.87	±9.6
0921	AAC:	5G N/II (DFT+-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	5.84	±9.6
0922	AAB	SG NR (DFT+-OFDM, 100% RB, 25MHz, QPSK, 30KHz)	5G NA FR1 TDD	5.82	19.6
0023	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	5.84	#9.6
10924	AAD	58 NR (DFT-s-OFDM, 100% RIII, 46 MHz, QPSK, 30 KHz)	5Q NR FR1 TDD	5.54	±9.6
10925	AAC	50 NR (DFT4-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.95	±9.6
10626	AAD	5G NR (DFT+-QFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,84	±9.6
0927	AAD	5G NR (DFT-e-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10028	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	10.0
10929	AAD	5G NR (OFT-6-OFOM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FOD	5.52	±9.6
10930	AAC	5G NR (DFT a-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	50 NA FR1 FDD	5.52	±9.6
10831	AAC	SG NR (DFT a OFOM, 1 RB, 20 MHz, QPSK, 15 kHz)	90 NR FR1 FDD	5.51	±9/6
10832	AAC	50 NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	80 NR FR1 F00	5.51	±9.6
0.833	AAC	5G NR (DFT a-OFDM, 1 RB, 30 MHz, GPSK, 15 kHz)	8G NR FR1 FD0	5.51	±6.6
10994	AAC	50 NR (DFT-e-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	SG NR FR1 FD0	5.51	±9.6
10935	AAD	50 NR (DFT-4-DFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	SG NR FR1 FD0	5.51	±9.6
10936	AAD	5G MR (DFT+-OFDM, 50% RB, 5MHz, QPSK, 15KHz)	5G NR FR1 FDD	5.90	±9.6
10937	AAD	50 NR (DFT4-DFDM, 50% RB, 10MHz, QPSK, 15KHz)	5G NR FR1 FDD	5.77	±9.6
10938	MC	5G NR (DFT+ OFDM, 50% RB, 15MHz, QPSK, 15NHz)	50 NR FR1 FDD	5.90	±9.6
10935	AAC	SG NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.82	19.6
10940	AAC	SG NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.89	±9.6
10941	AAC	50 NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FOD	5.83	±9.6
10942	AAC	50 NR (DFT s-OFDM, 50% RB, 40 MHz, GPSK, 15 kHz)	5G NR FR1 FOD	5.85	±9,6
10943	CIAA	SG NR (DFTs-OFDM, 50% RB, 50MHz, QPSK, 15 kHz)	5G NR FR1 FOD	5.95	±9.6
10944	AAD	5G NR (DFTs-OFDM, 100% RB, SMHz, QPSK, 15kHz)	5G NR FR1 FOD	5.81	±9.6
10945	CAA	50 NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 16 kHz)	5G NR FR1 F0D	5.85	±9.6
10946	AAC	5G NR (DFTs-OFDM, 100% RB, 15MHz, QPSK, 16kHz)	50 NR FR1 FDD	5.83	±9.5
10947	AAC	50 NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	SG NR FR1 FD0	5.87	±9.6
10948	AAC	5G NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	50 NR FR1 F00	5.94	±9.6
10949	AAC	5G NR (DFT a-OFDM, 100% RB, 30 MHz, QPSK, 15 MHz)	5G NR FR1 FDO	5.87	#9.6
10850	AAC	1G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPBK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10651	AAD	8G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR PR1 FDD	5.92	59.0
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 158Hz)	56 NR FRI FDD	8.25	±9.6
10953	AAA	5G NR DL (CP-GFDM, TM 3,1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FD0	8.15	±9.6
10954	AAA	5G NR DL ICP-OFDM, TM 3.1, 16 MHz, 64-QAM, 15 NHz)	5G NR FR1 FDD	8.23	19.6
10955	AAA	SG NR Dt. (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	50 NR FR1 FD0	8.42	±9.6
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	≡9.6
10957	AAA	5G NR DL (CP-CFDM, TM 9.1, 10 MHz, 64-GAM, 30 KHz)	5G NR FR1 FDD	8.31	19.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30KHz)	5G-NR FR1 FDD	8.61	±9.6
10989	AAA	50 NR DL (CP-OFDM, TM 3.1, 20MHs, 84-QAM, 30NHz)	5G NR FR1 FDD	8.33	±9.6
10960	AAE	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 154Hz)	50 NR FR1 TDD	9.32	±9.6
10961	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	19.6
10962	AAB	5G NR DL (CP-CFDM, TM 3-1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	19.6
10963	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	+9.6
10964	AAE	9G NR DL (CF OFDM, TM 3.1, B MHz, 64-QAM, 30 kHz)	5G NR FR1 TOD	9.29	195
10966	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	SG NR FR1 TOD	9.37	±0.6
10966	AAB	9G NR OL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 4Hz)	SG NR FRI TOO	9.55	+9.0
10967	AAC	53 NR DL (CF OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	SG NR FAT TOO	9.42	±0.0
10968		5G NR DL (CP-OFOM, TM 8.1, 100 MHz, 64-QAM, 30 kHz)	DG NR FRI TOO	9.49	±9.6
10972		53 NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FRI TOO	11.88	±9.4
10973	AAD	50 NR (DFTs-OFDM, 1 RB, 100 MHz, QPBK, 30 KHz)	SG NR FRI TDO	9.06	±9.6
10974	AAD	50 NR (CP-0FDM, 100% RB, 100MHz, 0F6K, 30MHz)	SG NR FRI TOO	10.28	±9/
10976	AAA	ULLA BOR	ULLA	1.16	±9.6
10979	AAA	ULLA HDR4	ULLA	8.58	±9.6
	AAA	ULLA HDR8	ULLA	10.32	19.6
	1, 1950				
10960	AAA	ULLA HDRp4	ULLA	3.19	±9.6

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0.983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 54-QAM, 15 kHz)	SO NR FR1 TDO	9.31	±9.6
0984	AAB	SG NR DL (CP-OFDM, TM 3.1, S0 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±8.8
10985	AAC	5B NR DL (CP-OFDM, TM 3.1, 40 MHz, 54-QAM, 30 NHz)	5G NR FR1 TDD	8.54	±9.6
10986	AAB	50 NR DL (CP-OFDM, TM 3-1, 50 MHz, 64-QAM, 90 KHz)	5G NR FRI TDD	9.50	±9.6
10987	AAC	SQ NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 KHz)	5G NR FRY TDD	9.53	#9.6
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 54-GAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAC	SG NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-GAM, 30 kHz)	50 NR FR1 TDD	8.33	±0.6
10990	AAB	SG NR DL (CP-CYDM, TM 3.1, 90 MHz, 64-GAM, 30 kHz)	50 NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OPDM, TM 3.1, 30 MHz, 64-QAM, 15 KHz)	59 NR FRI TOD	10.24	±9.6
11004	AAA	50 NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 38 kHz)	5G NR FR1 TDD	10.73	±9.6
11006	AAA	8G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR OL (CP-OFOM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±9,6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	50 NR FR1 FDD	8.46	±9.6
11008	AAA	9G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 18 kHz)	SG NR FR1 F00	8.51	±9,6
11000	AAA	5G NR DL (CP-CIFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G MR FRI FOO	8.76	±9.6
11010	AAA	50 NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	19.6
11011	AAA	50 NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	SG NR FR1 FD0	8.96	±9.8
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 NHz, 64-QAM, 30 NHz)	5G NR FR1 FDD	8.68	±9.6
11013	AAB	IEEE 802,11he (320 MHz, MCS1, 98pc duty cycle)	WLAN	8.47	±9.6
11014	AAB	IEEE 802 11be (320 MHz, MCS2, 95pc duty cycle)	WLAN	8.45	#8.6
11015	AAB	IEEE 802 11be (300 MHz. MCS3, 99pc duty cycle)	WLAN	8.44	#9.6
11016	AAB	IEEE 802 (10e (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	18.6
11017	AAB	IEEE 802.11 be (320 MHz, MCSS, 89pc duty cycle)	WLAN	8.41	±9.6
11018	AAB	IEEE 802,11be (320 MHz, MC96, 99pc duty cycle)	WLAN	8.40	±9.6
11018	AAB	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN:	8.29	±9.6
11020	AAB	IEEE 802.11be (320 MHz, MCS8, 99pc duly cycle)	WLAN	8.27	±9.6
11821	AAB	IEEE 802 11be (320 MHz, MGS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAB	IEEE 802.11be (320 MHz, MCS10, 96pc duty cycle)	WLAN	8.36	±9.8
11023	2.15.00.	IEEE 802 11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.8
11024		IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025		IEEE 802,11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11028		IEEE 802,11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9.6

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

Certificate No: EX-3768_Oct24

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Appendix F. – Dipole Calibration Data

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

ilac MRA



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Servizio svizzero di taratura
S wiss Calibration Service

Accreditation No.: SCS 0108

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Multilateral Agreement for the recognition of calibration certificates

Client HCT Certificate No. D750V3-1014_May24

Gyeonggl-do, Republic of Korea

CALIBRATION CERTIFICATE D750V3 - SN:1014 Object C3 131921 202406 05 2024 06.05 QA CAL-05.V12 Calibration procedure(s) Calibration Procedure for SAR Validation Sources between 0.7-3 GHz Calibration date: May 20, 2024 This calibration certificate documents the traceability to national standards, which resize the physical units of measurements (\$1). The messurements 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) Cal Date (Certificate No.) Primary Standards ID W Scheduled Calibration Power meter NRP2 SN: 104778 26-Mar-24 (No. 217-04036/04037) Mar-25 Power sensor NRP-Z91 SN: 103244 26-Mar-24 (No. 217-04036) Mar-25 Power sensor NRP-Z91 SN: 103245 26-Mar-24 (No. 217-04037) Mar-25 Reference 20 dB Attenuator SN: BH9394 (20k) 26-Mar-24 (No. 217-04046) Mar-25 SN: 310982 / 06327 26-Mar-24 (No. 217-04047) Type-N mismatch combination Mar-25 Reference Probe EX3DV4 SN: 7349 03-Nov-23 (No. EX3-7349 Nov23) Nov-24 DAE4 SN: 781 16-Fev-24 (No. DAE4-781_Fev24) Fev-25 Secondary Standards 10# Check Date (in house) Scheduled Check 30-Oct-14 (in house check Oct-22) Power meter E4419B SN: GB39512475 In house-check: Oct-24 Power sensor HP 8481A SN: US37292783 07-Oct-15 (in house check Oct-22) In house check: Oct-24 Power sensor HP 8481A SN: MY41093315 07-Oct-15 (in house check Oct-22) In house check: Oct-24 RF generator R&S SMT-06 SN: 100972 In house check: Oct-24 15-Jun-15 (in house check Oct-22) SN: US41080477 Network Analyzer Agilent E8358A 31-Mar-14 (in house check Oct-22) In house check: Oct-24 Name Function Calibrated by: Paulo Pina Laboratory Technician Sven Kühn Technical Manager Approved by: Issued: May 20, 2024 This calibration certificate shall not be reproduced except in full without written approval of the laboratory

Certificate No: D750V3-1014_May24

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Glossary:

TSL

tissue simulating liquid

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end
 of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss: This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. No uncertainty required.
- · SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

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

Certificate No: D750V3-1014_May24

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Measurement Conditions

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

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	15 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	750 MHz ± 1 MHz	

Head TSL parameters
The following parameters and calculations were applied

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	41.9	0.89 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	43.2 ± 6 %	0.88 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		****

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	2.09 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	8.50 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	1.37 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	5.54 W/kg ± 16.5 % (k=2)



Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	$53.6 \Omega + 2.7 J\Omega$	
Return Loss	- 27.3 dB	

General Antenna Parameters and Design

Electrical Delay (one direction)	1.037 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

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Manufactured by	SPEAG

Certificate No: D750V3-1014_May24

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DASY5 Validation Report for Head TSL

Date: 20.05.2024

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1014

Communication System: UID 0 - CW; Frequency: 750 MHz

Medium parameters used: f = 750 MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 43.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY52 Configuration:

- Probe: EX3DV4 SN7349; ConvF(10.11, 10.11, 10.11) @ 750 MHz; Calibrated: 03.11.2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn781; Calibrated: 16.02.2024
- Phantom: Flat Phantom 4.9 (front); Type: QD 00L P49 AA; Serial: 1001
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

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

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

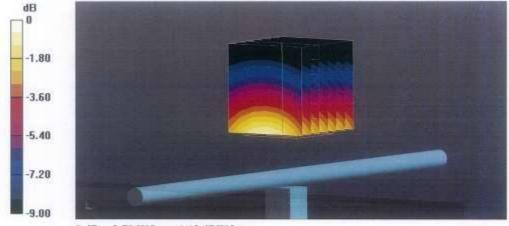
Reference Value = 59.58 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.13 W/kg

SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.37 W/kg

Smallest distance from peaks to all points 3 dB below = 24.1 mm

Ratio of SAR at M2 to SAR at M1 = 66.4% Maximum value of SAR (measured) = 2.79 W/kg



0 dB = 2.79 W/kg = 4.45 dBW/kg

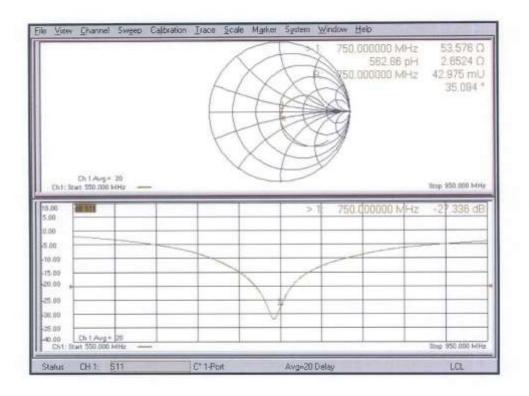
Certificate No: D750V3-1014_May24

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Impedance Measurement Plot for Head TSL



Certificate No: D750V3-1014_May24

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CALIBRATION CERTIFICATE

Multilateral Agreement for the recognition of calibration certificates

Client HCT Certificate No. D835V2-441_Apr24
Gyeonggi-do, Republic of Korea

Object	D835V2 - SN:441	20 7 2	1 Di
		44/49 Sw /7	112 / 18874
Calibration procedure(s)	QA CAL-05.v12	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	र विभागः र
	Calibration Proce	dure for SAR Validation Sources	between 0,7-3 GHz
Calibration date:	April 18, 2024		
partiti appert autori	, pin 10, 2027		
This self-self-se southeads does as seen	to the tenenchille to self-	and standards arbital scales the shortest and	to of annual control (CD)
		onal standards, which realize the physical unit obability are given on the following pages an	
All calibrations have been conducte	ed in the closed laborator	y 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 NRP2	SN: 104778	26-Mar-24 (No. 217-04036/04037)	Mar-25
Power sensor NRP-Z91	SN: 103244	26-Mar-24 (No. 217-04036)	Mar-25
Power sensor NRP-Z91	SN: 103245	26-Mar-24 (No. 217-04037)	Mar-25
Reference 20 dB Attenuator	SN: BH9394 (20k)	26-Mar-24 (No. 217-04046)	Mar-25
Type-N mismatch combination	SN: 310962 / 06327	26-Mar-24 (No. 217-04047)	Mar-25
Reference Probe EX3DV4	SN: 7349	03-Nov-23 (No. EX3-7349 Nov23)	Nov-24
	SN: 601	30-Jan-24 (No. DAE4-601_Jan24)	Jan-25
DAE4	The state of the s		
	ID#	Check Date (in house)	Scheduled Check
DAE4 Secondary Standards Power meter E4419B	Mistageane Mistagea	Check Date (in house) 30-Oct-14 (in house check Oct-22)	Scheduled Check In house check: Oct-24
Secondary Standards Power meter E4419B	ID#	7.7.1	
Secondary Standards	ID # SN: GB39512475 SN: US37292783	30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22)	In house check: Oct-24 In house check: Oct-24
Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A	ID # SN: GB39512475 SN: US37292783 SN: MY41093315	30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 07-Oct-15 (in house check Oct-22)	In house check: Oct-24 In house check: Oct-24 In house check: Oct-24
Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06	ID # SN: GB39512475 SN: US37292783	30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22)	In house check: Oct-24 In house check: Oct-24
Secondary Standards Power meter E4419B Power sensor HP 8481A	ID # SN: GB39512475 SN: US37292783 SN: MY41093315 SN: 100972	30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 15-Jun-15 (in house check Oct-22)	In house check: Oct-24 In house check: Oct-24 In house check: Oct-24 In house check: Oct-24 In house check: Oct-24
Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Aglient E8356A	ID # SN: GB39512475 SN: US37292783 SN: MY41093315 SN: 100972 SN: US41080477 Name	30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 15-Jun-15 (in house check Oct-22) 31-Mar-14 (in house check Oct-22)	In house check: Oct-24 In house check: Oct-24 In house check: Oct-24 In house check: Oct-24
Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Aglient E8356A	ID # SN: GB39512475 SN: US37292783 SN: MY41093315 SN: 100972 SN: US41080477	30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 15-Jun-15 (in house check Oct-22) 31-Mar-14 (in house check Oct-22)	In house check: Oct-24 In house check: Oct-24 In house check: Oct-24 In house check: Oct-24 In house check: Oct-24
Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Aglient E8356A Calibrated by:	ID # SN: GB39512475 SN: US37292783 SN: MY41093315 SN: 100972 SN: US41080477 Name Paulo Pina	30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 15-Jun-15 (in house check Oct-22) 31-Mar-14 (in house check Oct-22) Function Eaboratory Technician	In house check: Oct-24 In house check: Oct-24 In house check: Oct-24 In house check: Oct-24 In house check: Oct-24
Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Aglient E8356A	ID # SN: GB39512475 SN: US37292783 SN: MY41093315 SN: 100972 SN: US41080477 Name	30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 15-Jun-15 (in house check Oct-22) 31-Mar-14 (in house check Oct-22)	In house check: Oct-24 In house check: Oct-24 In house check: Oct-24 In house check: Oct-24 In house check: Oct-24
Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Aglient E8356A Calibrated by:	ID # SN: GB39512475 SN: US37292783 SN: MY41093315 SN: 100972 SN: US41080477 Name Paulo Pina	30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 15-Jun-15 (in house check Oct-22) 31-Mar-14 (in house check Oct-22) Function Eaboratory Technician	In house check: Oct-24 In house check: Oct-24 In house check: Oct-24 In house check: Oct-24 In house check: Oct-24

Certificate No: D835V2-441_Apr24

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Accreditation No.: SCS 0108

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Glossary:

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end
 of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss: This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. No uncertainty required.
- SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

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

Certificate No: D835V2-441_Apr24 Page 2 of 6



Measurement Conditions

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

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	15 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	835 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	41.5	0.90 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	42.6 ± 6 %	0.93 mha/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	200	Estuary .

SAR result with Head TSL

SAR averaged over 1 cm3 (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	2.48 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	9.73 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	1.62 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	6.37 W/kg ± 16.5 % (k=2)



Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	49.5 Ω - 2.5 jΩ
Return Loss	- 31.7 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.374 ns

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

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

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

Additional EUT Data

Manufactured by	SPEAG

Certificate No: D835V2-441_Apr24

Page 4 of 6



DASY5 Validation Report for Head TSL

Date: 18.04.2024

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:441

Communication System: UID 0 - CW; Frequency: 835 MHz

Medium parameters used: f = 835 MHz; $\sigma = 0.93$ S/m; $\epsilon_c = 42.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY52 Configuration:

- Probe: EX3DV4 SN7349; ConvF(9.69, 9.69, 9.69) @ 835 MHz; Calibrated: 03.11.2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 30.01.2024
- Phantom: Flat Phantom 4.9 (front); Type: QD 00L P49 AA; Serial: 1001
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration for Head Tissue/Pin=250 mW, d=15mm/Zoom Scan (8x8x7)/Cube 0:

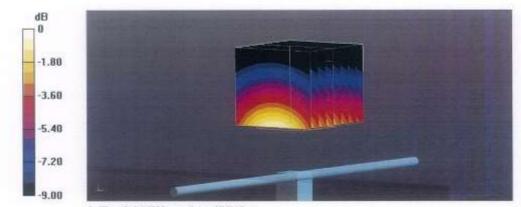
Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 63.37 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.71 W/kg

SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.62 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 66.8% Maximum value of SAR (measured) = 3.26 W/kg



0 dB = 3.26 W/kg = 5.14 dBW/kg

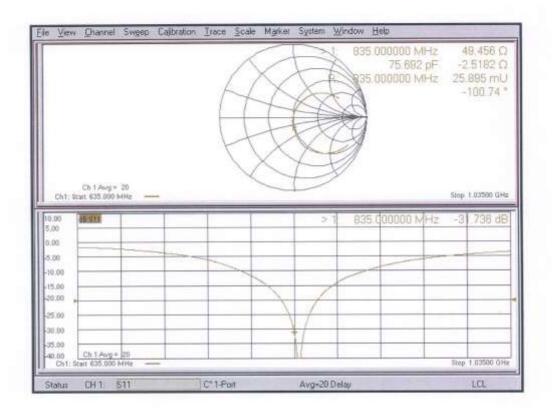
Certificate No: D835V2-441_Apr24

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Impedance Measurement Plot for Head TSL



Certificate No: D835V2-441_Apr24

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Accreditation No.: SCS 0108

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Client HCT

Certificate No. D1640V2-345_Jul23

July 12, 2023	dure for SAR Validation Sources	between 0.7-3 GHz
the traceability to nation		
nties with confidence pr	onal standards, which realize the physical uni obability are given on the following pages an y facility; environment temperature (22 ± 3)°C	d are part of the certificate.
ID W	Cal Date (Certificate No.)	Scheduled Calibration
		Mar-24
SN: 103244		Mar-24
Part of the Delical		Mar-24
		Mar-24
		Mar-24
		Jan-24
SN: 601	19-Dec-22 (No. DAE-4-601_Dec22)	Dec-23
ID#	Check Date (in house)	Scheduled Check
SN: GB39512475	30-Oct-14 (in house check Oct-22)	In house check: Oct-24
SN: US37292783	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
SN: MY41093315	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
SN: 100972	15-Jun-15 (in house check Oct-22)	In house check: Oct-24
SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24
Name	Function	Signature
Michael Weber	Laboratory Technician	MINEST
Sven Kühn	Technical Manager	
	ID W SN: 104778 SN: 103244 SN: 103245 SN: 103245 SN: 310982 / 06327 SN: 310982 / 06327 SN: 601 ID # SN: GB39512475 SN: US37292783 SN: MY41083315 SN: 100972 SN: US41080477 Name Michael Weiber	D W Cal Date (Certificate No.)

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Calibration Laboratory of Schmid & Partner

Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland





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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Multilateral Agreement for the recognition of calibration certificates

Glossary:

TSL ConvF N/A tissue simulating liquid

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end
 of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss: This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. No uncertainty required.
- · SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

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

Certificate No: D1640V2-345_Jul23

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Measurement Conditions

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

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	1640 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	40.2	1.31 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	40.1 ± 6 %	1.28 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		****

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	8.34 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	33.8 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm3 (10 g) of Head TSL	condition	
SAR measured	250 mW input power	4.52 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	18.3 W/kg ± 16.5 % (k=2)



Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	50.0 Ω + 6.9 jΩ
Return Loss	- 23.3 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.232 ns
The state of the s	A CANADA

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

- 34		
	Manufactured by	SPEAG

Certificate No: D1640V2-345_Jul23

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DASY5 Validation Report for Head TSL

Date: 12.07.2023

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 1640 MHz; Type: D1640V2; Serial: D1640V2 - SN:345

Communication System: UID 0 - CW; Frequency: 1640 MHz

Medium parameters used: f = 1640 MHz; $\sigma = 1.28$ S/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY52 Configuration:

- Probe: EX3DV4 SN7349; ConvF(8.68, 8.68, 8.68) @ 1640 MHz; Calibrated: 10.01.2023
- · Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 19.12.2022
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

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

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

Reference Value = 105.0 V/m; Power Drift = -0.07 dB

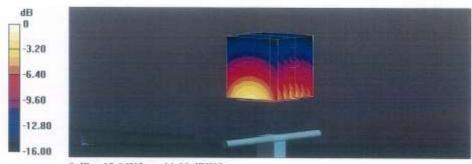
Peak SAR (extrapolated) = 15.0 W/kg

SAR(1 g) = 8.34 W/kg; SAR(10 g) = 4.52 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 56.1%

Maximum value of SAR (measured) = 12.6 W/kg



0 dB = 12.6 W/kg = 11.00 dBW/kg

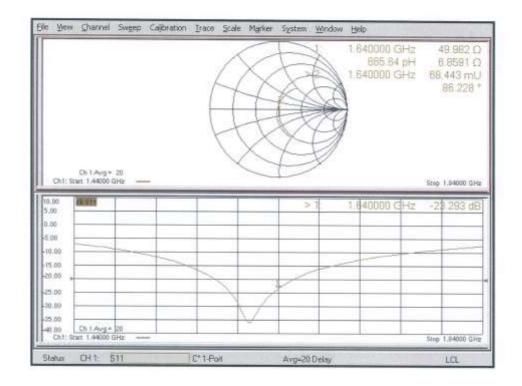
Certificate No: D1640V2-345_Jul23

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Impedance Measurement Plot for Head TSL



Certificate No: D1640V2-345_Jul23

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Certification of Calibration

Object D1640V2 – SN:345

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

Extended Calibration date Jul.12, 2025

Description SAR Validation Dipole at 1640 MHz

Note: Calibrated Before Testing. Prior to testing, the measurement paths containing a cable, amplifier, attenuator, coupler or filter were connected to a calibrated source (i.e. signal generator) to determine the losses of the measurement path.

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Dipole Calibration Extension

Per HDB 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:

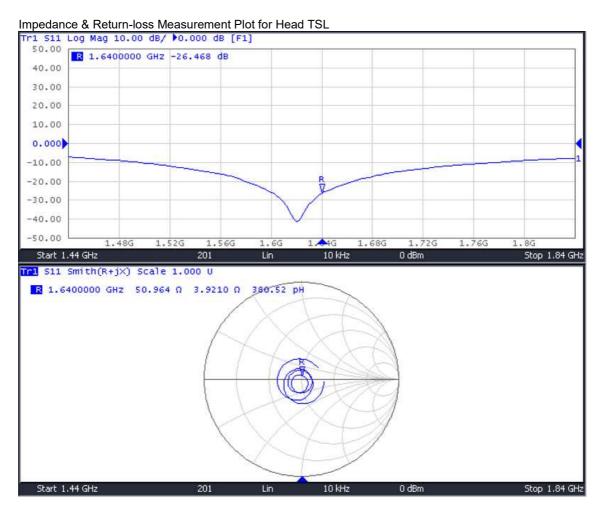
- The measured SAR does not deviate more than 10% from the target on the calibration certificate.
- 2. The return-loss does not deviate more than 20% from the previous measurement and meets the required 20dB minimum return-loss requirement.
- 3. The measurement of real or imaginary parts of impedance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

Calib D		enstion	Electrical	Certificate SAR Target Head(1g) W/kg@17.0dBm	SAR(1g)	Deviation 1e(%)	Certificate SAR Target Head(10g) W/kg@17.0dBm	SAR(10g)	Deviation 10a(%)	Certificate Impedance Head(Ohm) Real	Impedance	Difference (Ohm) Real	Certificate Impedance Head(Ohm) Imaginary		Difference (Ohm) Imaginary	Certificate ReturnLoss Head(dB)	Measured ReturnLoss Head(dB)	Deviation(%)	PASS/FAIL
07/12	/2024 07/12	2/2025	1.232	1.69	1.61	-4.73	0.915	0.863	-5.68	50.0	50.964	-0.964	6.9	3.921	2.979	-23.3	-26.468	13.60	PASS

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Result

Calibration Date	Extenstion Date	Electrical	Certificate SAR Target Head(1g) W/kg@17.0dBm	SAR(1g)	Deviation	Certificate SAR Target Head(10g) W/kg@17.0dBm	SAR(10g)	Deviation 10a(%)	Certificate Impedance Head(Ohm) Real			Certificate Impedance Head(Ohm) Imaginary	Impedance	Difference (Ohm) Imaginary	Certificate ReturnLoss Head(dB)	Measured ReturnLoss Head(dB)	Deviation(%)	PASS/FAIL
07/12/2024	07/12/2025	1.232	1.69	1.61	-4.73	0.915	0.863	-5.68	50.0	50.964	-0.964	6.9	3.921	2.979	-23.3	-26.468	13.60	PASS

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



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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Multilateral Agreement for the recognition of calibration certificates

Client HCT
Gyeonggi-do, Republic of Korea

Certificate No. D1800V2-2d007_Apr24

MLIDRATION	ERTIFICATE	有一年	有 和 生 对
		7/ 21	5 1/4.
Object	D1800V2 - SN:20	007	- //
		THE SW P	
		1 % Lelf.78.0	3 524:02:03
Calibration procedure(s)	QA CAL-05.v12		
	Calibration Proce	dure for SAR Validation Sources	between 0.7-3 GHz
Calibration date:	April 15, 2024		
calidration date.	April 10, 2024		
		mal standards, which realize the physical unit	
The measurements and the uncertainty	enties with confidence pr	obability are given on the following pages are	d are part of the certificate.
All calibrations have been conducte	d in the closed laborator	y facility: environment temperature (22 ± 3)°C	and humidity < 70%.
	reconstitutive and addition	e ander se an aban transation and a tree section of the section of	PRINCIPAL CONTRACTOR CONTRACTOR
Calibration Equipment used (M&TE	critical for calibration)		
Control of the State of the Sta	William		
Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	26-Mar-24 (No. 217-04038/04037)	Mar-25
Power sensor NRP-Z91	SN: 103244	26-Mar-24 (No. 217-04036)	Mar-25
Power sensor NRP-Z91	SN: 103245	26-Mar-24 (No. 217-04037)	Mar-25
Reference 20 dB Attenuator	SN: BH9394 (20k)	26-Mar-24 (No. 217-04046)	Mar-25
Type-N mismatch combination	SN: 310962 / 06327	26-Mar-24 (No. 217-04047)	Mar-25
	SN: 7349	03-Nov-23 (No. EX3-7349_Nov23)	Nov-24
Reference Probe EX3DV4	F25.01107.17T	30-Jan-24 (No. DAE4-601, Jan24)	Jan-25
Reference Probe EX30V4 DAE4	SN: 601	30-Jan 24 (No. UMC4-001, Jan 24)	J86-25
DAE4	SN: 601		Scheduled Check
	AERCA	Check Date (in house)	
DAE4 Secondary Standards	ID # SN: GB39512475	Check Date (in house) 30-Oct-14 (in house check Oct-22)	Scheduled Check In house check: Oct-24
DAE4 Secondary Standards Power meter E44198 Power sensor HP 8481A	ID W SN: GB39512475 SN: US37292783	Check Date (in house) 30-Oct-14 (in house check Oct-22) 97-Oct-15 (in house check Oct-22)	Scheduled Check In house check: Oct-24 In house check: Oct-24
DAE4 Secondary Standards Power meter E44198 Power sensor HP 8481A Power sensor HP 8481A	ID # SN: GB39512475 SN: US37292783 SN: MY41093315	Check Date (in house) 30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 07-Oct-15 (in house check Oct-22)	Scheduled Check In house check: Oct-24 In house check: Oct-24 In house check: Oct-24
DAE4 Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06	ID W SN: GB39512475 SN: US37292783 SN: MY41093315 SN: 100972	Check Date (in house) 30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 15-Jun-15 (in house check Oct-22)	Scheduled Check In house check: Oct-24 In house check: Oct-24 In house check: Oct-24 In house check: Oct-24
DAE4 Secondary Standards Power meter E44198 Power sensor HP 8481A	ID # SN: GB39512475 SN: US37292783 SN: MY41093315	Check Date (in house) 30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 07-Oct-15 (in house check Oct-22)	Scheduled Check In house check: Oct-24 In house check: Oct-24 In house check: Oct-24
DAE4 Secondary Standards Power meter E44198 Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Agilent E8358A	JD W SN: GB38512475 SN: US37292783 SN: MY41080315 SN: 100972 SN: US41080477 Name	Check Date (in house) 30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 15-Jun-15 (in house check Oct-22) 31-Mar-14 (in house check Oct-22) Function	Scheduled Check In house check: Oct-24 In house check: Oct-24 In house check: Oct-24 In house check: Oct-24
DAE4 Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06	JD W SN: GB38512475 SN: US37292783 SN: MY41083315 SN: 100972 SN: US41080477	Check Date (in house) 30-Oct-14 (in house check Oct-22) D7-Oct-15 (in house check Oct-22) D7-Oct-15 (in house check Oct-22) 15-Jun-15 (in house check Oct-22) 31-Mar-14 (in house check Oct-22)	Scheduled Check In house check: Oct-24 Signature
DAE4 Secondary Standards Power meter E44198 Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Agilent E8358A	JD W SN: GB38512475 SN: US37292783 SN: MY41080315 SN: 100972 SN: US41080477 Name	Check Date (in house) 30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 15-Jun-15 (in house check Oct-22) 31-Mar-14 (in house check Oct-22) Function	Scheduled Check In house check: Oct-24
DAE4 Secondary Standards Power meter E44198 Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Agilent E8358A Calibrated by:	ID W SN: GB39512475 SN: US37292783 SN: MY41093315 SN: 100972 SN: US41080477 Name Paulo Pina	Check Date (in house) 30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 15-Jun-15 (in house check Oct-22) 31-Mar-14 (in house check Oct-22) Function Laboratory Technician	Scheduled Check In house check: Oct-24 Signature
DAE4 Secondary Standards Power meter E44198 Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Agilent E8358A	JD W SN: GB38512475 SN: US37292783 SN: MY41080315 SN: 100972 SN: US41080477 Name	Check Date (in house) 30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 15-Jun-15 (in house check Oct-22) 31-Mar-14 (in house check Oct-22) Function	Scheduled Check In house check: Oct-24 Signature
DAE4 Secondary Standards Power meter E44198 Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Agilent E8358A Calibrated by:	ID W SN: GB39512475 SN: US37292783 SN: MY41093315 SN: 100972 SN: US41080477 Name Paulo Pina	Check Date (in house) 30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 15-Jun-15 (in house check Oct-22) 31-Mar-14 (in house check Oct-22) Function Laboratory Technician	Scheduled Check In house check: Oct-24 Signature
DAE4 Secondary Standards Power meter E44198 Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Agilent E8358A Calibrated by:	ID W SN: GB39512475 SN: US37292783 SN: MY41093315 SN: 100972 SN: US41080477 Name Paulo Pina	Check Date (in house) 30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 07-Oct-15 (in house check Oct-22) 15-Jun-15 (in house check Oct-22) 31-Mar-14 (in house check Oct-22) Function Laboratory Technician	Scheduled Check In house check: Oct-24 Signature

Certificate No: D1800V2-2d007_Apr24

Page 1 of 6



Calibration Laboratory of

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





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

Accreditation No.: SCS 0108

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

Glossary:

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss: This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. No uncertainty required.
- SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

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

Certificate No: D1800V2-2d007 Apr24

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Measurement Conditions

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

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	1800 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	40:0	1.40 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	40.8 ± 6 %	1.39 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	-	

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	9.67 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	39.0 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	5.08 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	20.4 W/kg ± 16.5 % (k=2)



Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	45.9 Ω - 7.0 jΩ		
Return Loss	~ 21.5 dB		

General Antenna Parameters and Design

Electrical Delay (one direction)	1.203 ns]
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After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

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

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

Additional EUT Data

Manufactured by	SPEAG

Certificate No: D1800V2-2d007_Apr24

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DASY5 Validation Report for Head TSL

Date: 15.04,2024

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d007

Communication System: UID 0 - CW; Frequency: 1800 MHz

Medium parameters used: f = 1800 MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY52 Configuration:

- Probe: EX3DV4 SN7349; ConvF(8.63, 8.63, 8.63) @ 1800 MHz; Calibrated: 03.11.2023
- · Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 30.01.2024
- Phantom: Flat Phantom 5.0 (front); Type: QD000P50AA; Serial: 1001
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

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

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

Reference Value = 109.6 V/m; Power Drift = 0.05 dB

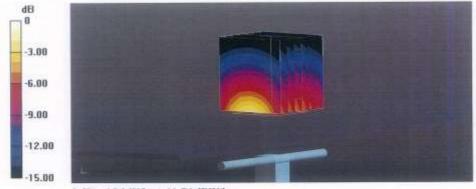
Peak SAR (extrapolated) = 17.9 W/kg

SAR(1 g) = 9.67 W/kg; SAR(10 g) = 5.08 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 54.5%

Maximum value of SAR (measured) = 15.0 W/kg



0 dB = 15.0 W/kg = 11.76 dBW/kg

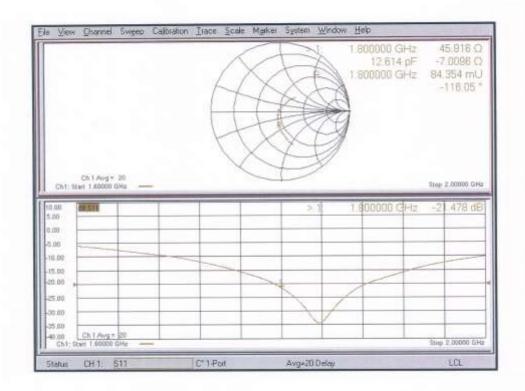
Certificate No: D1800V2-2d007_Apr24

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Impedance Measurement Plot for Head TSL



Certificate No: D1800V2-2d007_Apr24

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Accreditation No.: SCS 0108

Client HCT

Gyeonggi-do, Republic of Korea

Certificate No. D1900V2-5d032 Jan24

CALIBRATION CERTIFICATE D1900V2 - SN:5d032 Object QA CAL-05.v12 Calibration procedure(s) Calibration Procedure for SAR Validation Sources between 0.7-3 GHz Calibration date: January 18, 2024 5W. 2024. 52.07 This calibration certificate documents the traceability to rutional 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 NRP2 SN: 104778 30-Mar-23 (No. 217-03804/03805) Mar-24 Power sensor NRP-Z91 SN: 103244 30-Mar-23 (No. 217-03804) Mar-24 Power sensor NRP-Z91 SN: 103245 30-Mar-23 (No. 217-03806) Mar-24 Reference 20 dB Attenuator SN: BH9394 (20k) 30-Mar-23 (No. 217-03809) Mar-24 Type-N mismatch combination SN: 310982 / 06327 30-Mar-23 (No. 217-03810) Mar-24 Reference Probe EX3DV4 SN: 7349 03-Nov-23 (No. EX3-7349_Nov23) Nov-24 DAE4 SN: 601 03-Oct-23 (No. DAE4-601_Oct23) Oct-24 Secondary Standards ID# Check Date (in house) Scheduled Check SN: GB39512475 Power meter E4419B 30-Oct-14 (in house check Oct-22) In house check: Oct-24 Power sensor HP 8481A 5N: US37292783 07-Oct-15 (in house check Oct-22) In house check: Dct-24 Power sensor HP 8481A SN: MY41093315 07-Oct-15 (in house check Oct-22) In house check: Oct-24 RF generator R&S SMT-06 SN: 100972 15-Jun-15 (in house check Oct-22) In house check: Oct-24 Network Analyzer Agilent E835BA SN: US41080477 31-Mar-14 (in house check Oct-22) In house check: Oct-24 Function Calibrated by: Paulo Pina Laboratory Technician Approved by: Sven Kühn Technical Manager Issued: January 18, 2024 This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

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Calibration Laboratory of

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





S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
Servizio svizzero di taratura
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 ConvF

N/A

tissue simulating liquid

sei

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

Calibration is Performed According to the Following Standards:

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

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end
 of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss: This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. No uncertainty required.
- . SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

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

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