

Calibration Laborator Schmid & Partner Engineering AG	ry of	Iac-MRA	$(\mathbf{\hat{+}})$	C Service s Servizio	rischer Kalibrierdien ulsse d'étalonnage svizzero di taratura libration Service
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ccredited by the Swiss Acor he Swiss Accreditation Se fulfilateral Agreement for t	rvice is one of the signat			Accreditation	No.: SCS 0108
lient HCT Gyeonggi-do, R	epublic of Korea	٥	ertificate No.	EX-7751_	Oct23
CALIFORNICAL					
CALIBRATION C	ENTIFICATE				
Object	EX3DV4 - SN:7	751			
Calibration procedure(s)	QA CAL-25.v8), QA CAL-12.v10, cedure for dosimet			-23.v6,
Calibration date	October 06, 202	23			
Calibration Equipment used Primary Standards	(M&TE critical for calibratio		ato Ma 1	Low	And Parks
Power meter NRP2	SN: 104778	Cal Date (Certific 30-Mar-23 (No. 2			duled Calibration
Power sensor NRP-Z91	SN: 103244	.30-Mar-23 (No. 2	17-03804)	Mar-1	24
DCP DAK-3.5 (weighted) DCP DAK-12	SN: 1249 SN: 1016	20-Oct-22 (OCP-			
Reference 20 dB Attenuator	SN: CC2552 (20x)	20-Oct-22 (OCP) 30-Mar-23 (No. 2		122) Oct-2 Mar-2	
DAE4	SN: 660	16-Mar-23 (No. D			
Reference Probe ES3DV2	SN: 3013	08-Jan-23 (No. E			
Secondary Standards	ID	Check Date (in ho	1000		Alfred Physics
Power meter E4419B	SN: GB41293874	06-Apr-16 (in hou		and the second se	duled Check ise check: Jun-24
Power sensor E4412A	SN: MY41498097	06-Apr-16 (in hou	sti check Jun 22	} In hou	ise check: Jun-24
Power sensor E4412A RF generator HP 8648C	SN: 000110210 SN: US3642001700	06-Apr-16 (in hou			de check: Jun-24
Vetwork Analyzer E8358A	SN: US41080477	04-Aug-99 (in hou 31-Mar-14 (in hou			ise check: Jun-24 ise check: Oct-24
	Name	Function		Signature	
Calibrated by	Jeton Kastrati	Laboratory	Technician	4 1	'e
Approved by	Sven Kühn	Technical (Manager	Se	_
This calibration certificate sh	all not be reproduced excep	ot in full without written a	approval of the la	Issued: O boratory.	ctober 06, 2023
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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	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	w rotation around probe axis
Polarization θ	O rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., 0 = 0 is normal to probe axis
Constant and a	
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 1526: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

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

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Parameters of Probe: EX3DV4 - SN:7751

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (µV/(V/m) ²) ^A	0.55	0.53	0.60	±10.1%
DCP (mV) B	104.7	106.0	103.1	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc ^E k = 2	
0	CW	X	0.00	0.00	1.00	0.00	131.8	±3.8%	±4.7%	
	1-2010	Y	0.00	0.00	1.00		149.8			
	Contract New Contract Science	Z	0.00	0.00	1.00	horand	139.9	1		
10352	Pulse Waveform (200Hz, 10%)	X	1,40	60.00	6.02	10.00	60.0	±3.2%	±9.6%	
		Y	1.39	60.00	5.84		60.0			
		Z	1.69	61.23	6.75	1	60.0	1		
10353	Pulse Waveform (200Hz, 20%)	X	0.93	60.00	5.02	6.99	80.0	±3.0%	+9.65	
		Y	8.00	68.00	7.00		80.0			
		2	0.85	60.00	5.09		80.0	1		
10354	Pulse Waveform (200Hz, 40%)	X	0.54	60.00	4.10	3.98	95.0	±1.8%	±9.69	
		Y	0.52	60.00	3.65		95.0			
		Z	0.47	60.00	3.92		95.0			
10355	Pulse Waveform (200Hz, 60%)	X	0.34	60.00	3.41	2.22	120.0	±1.6%	±9.69	
		Y	16.03	148.13	0.35		120.0			
		Z	14.88	96.89	0.64		120.0			
10387	QPSK Waveform, 1 MHz	X	0.72	65.87	13.00	1.00	150.0	+4.2%	±4.2%	±9.67
		Y	0.61	63.09	11.00		150.0			
		Z	0.61	62.68	11.16		150.0			
10388	QPSK Waveform, 10 MHz	X	1.48	66.66	14.29	0.00	150.0	±1.4%	±9.69	
		Y	1.35	64.96	13.18	1.000	150.0	2007	1000	
		Z	1.34	64.74	13.13	i'	150.0			
10396	64-QAM Waveform, 100 kHz	X	1.89	66.67	17.01	3.01	150.0	±0.8%	±9.6%	
		Y	1.76	65.29	16.30	552200	150.0		10000	
		Z	1.75	64.94	15.83		150.0			
10399	64-QAM Waveform, 40 MHz	X	2.93	66.75	15.19	0.00	150.0	±2.7%	±9.6%	
	Construction of the second second second	Y	2.85	65.95	14.71	0.000036	150.0			
		Z	2.84	65.92	14.64		150.0			
10414	WLAN CODF, 64-QAM, 40 MHz	X	3.97	66.30	15.36	0.00	150.0	+4.7%	±9.6%	
	CONTRACTOR AND	Y.	3.92	65.68	15.02	0.509245	150.0	STRAEVCE:	-15060	
		Z	3.87	65.66	14.92		150.0			

Note: For details on UID parameters see Appendix

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

A The uncontainties of Norm X, Y.Z do not effect the E^{II}-field uncertainty inside TSL (see Pages 5 and 6). ^{III} Linearization parameter uncertainty to maximum specified field atrangit. ^{III} Uncertainty is determined using the max, deviation from linear response applying roctangular distribution and is expressed for the square of the Seid value.

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Parameters of Probe: EX3DV4 - SN:7751

Sensor Model Parameters

	C1 IF	C2 fF	и V ⁻¹	T1 msV ⁻²	T2 msV ⁻¹	T3 ms	T4 V-2	T5 V ⁻¹	T6
х	11.3	79.07	31.32	7,50	0.00	4,90	0.57	0.00	1.00
у	12.1	86.61	32.85	6.60	0.00	4.90	0.48	0.00	1.01
Z	11.4	79.63	31.15	3.95	0.00	4.90	0.49	0.00	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-81.7"
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	mm t
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 inm
Recommended Measurement Distance from Surface	1.4 mm

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

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Parameters of Probe: EX3DV4 - SN:7751

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity [#]	Conductivity [#] (S/m)	СопуЕ Х	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
750	41.9	0.89	9.98	9.98	9.98	0.42	0.93	±12.0%
835	41.5	0.90	9.62	9.62	9.62	0.39	0.80	±12.0%
900	41.5	0.97	9.50	9.50	9.50	0.40	0.87	±12.0%
1750	40.1	1.37	8.47	8.47	8.47	0.29	0.86	±12.0%
1900	40.0	1.40	8.13	8,13	8.13	0.27	0.86	±12.0%
2300	39.5	1.67	7.94	7.94	7.94	0.32	0.90	±12.0%
2450	39.2	1.80	7.71	7.71	7.71	0.32	0.90	±12.0%
2600	39.0	1.96	7,47	7,47	7,47	0.32	0.90	±12.0%
3300	38.2	2.71	6.94	6.94	6.94	0.30	1.30	±14.0%
3500	37.9	2.91	6.87	6.87	6,87	0.30	1.35	±14.0%
3700	37,7	3.12	6.47	6.47	6:47	0.30	1.35	±14.0%
3900	37:5	3.32	6:02	6.02	6.02	0.40	1.60	±14.0%
4950	36.3	4.40	5.86	5.66	5.66	0.40	1.80	±14.0%
5250	35.9	4.71	5.20	5.20	5.20	0.40	1.80	±14.0%
5600	35.5	5.07	4.51	4.51	4.51	0.40	1.80	±14.0%
5750	35.4	5.22	4.70	4.70	4.70	0.40	1.80	±14.0%
5800	35.3	5.27	4.66	4.66	4.66	0.40	1.80	±14.0%

^G Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), olse it is restricted to ±50 MHz. The uncertainty is the RSS of the ConsF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 84, 128, 150 and 220 MHz respectively. Validity of ConvF assessments at 40 MHz, and ConvF assessment at 13 MHz is ±-19 MHz. Above 5 GHz troquency validity can be extended to ±110 MHz.
Th The problem we calibrated using fastes eliminating faquids (TSL) that deviations for and or by less than ±5% from the target values (typically better than ±3%) and are valid for TSL with deviations of op to ±10%. If TSL with deviations from the target of less than ±5% from the calibration uncertainties are 11.1% for 0.7 · 3 GHz and 13.1% for 3 · 6 GHz.
^G Apha/Depth are determined during taskbation. SPEAG warrants that the remaining deviation due to the boundary affect after compensation is always less than ±1%. The problem balance balance is an extended to ±10 MHz.

than ±1% for frequencies before 3 GHz and below ±2% for trequencies between 3-8 GHz at any distance larger than half the probe tip diameter from the boundary.

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Parameters of Probe: EX3DV4 - SN:7751

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity [#] (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
6500	34.5	6.07	5.20	5.20	5.20	0.20	2.50	±18.6%

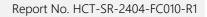
10

^G Prequency velicity at 6.5 GHz is -8001+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.
 ^F The probleman exclibrated using itsue simulating liquids (TSL) that deviate for *x* and *σ* by less than ±10% from the target values (typically better than ±0%) and are valid for TSL with deviations of up to ±10%.
 ^G Alpha/Dopth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compression is always less

than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 3-6 GHz; and below ±4% for frequencies between 5-18 GHz at any distance larger than half the probe tip diameter from the boundary.

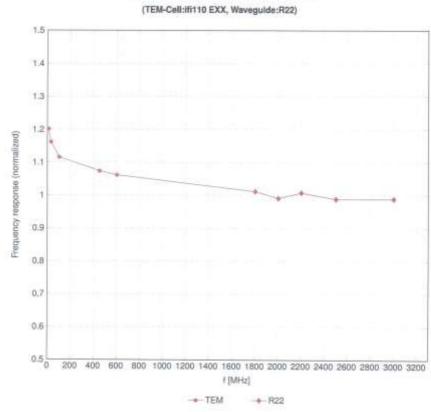
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Frequency Response of E-Field

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

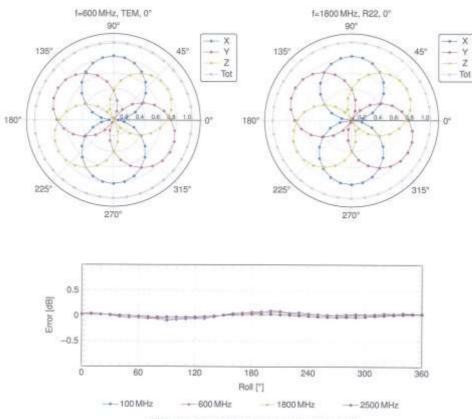
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EX3DV4 - SN:7751



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

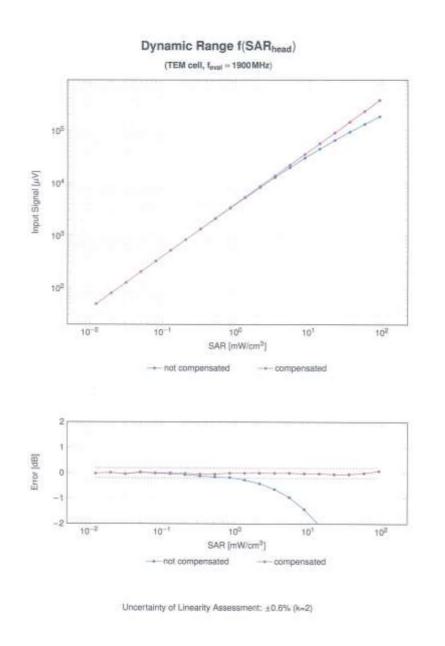
Uncertainty of Axial Isotropy Assessment: ±0.5% (k=2)

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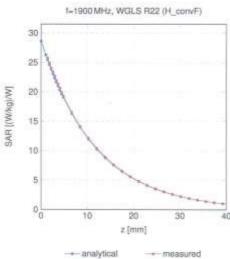


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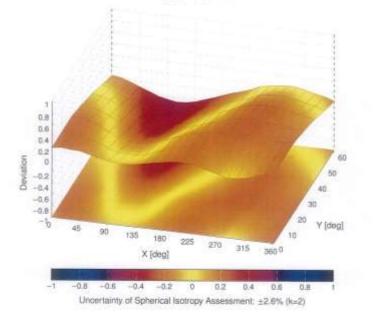
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Conversion Factor Assessment

Deviation from Isotropy in Liquid

Error (ϕ , θ), f = 900 MHz



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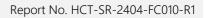
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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E A =
-0		GW	EW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100 ma, 10 ms)	Test	10,00	±9.6
10011	CAC	UMTS-FDD (WCDMA)	WCOMA-	2.91	±9.6
0012	CAB	IEEE 802.11b WIFL2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	19.6
10013	CAB	IEEE 802.11g WFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WEAN	9.46	+0.6
0021	DAC	GSM-FOD (TOMA, GMSK)	GSM	9.30	+8.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAG	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	+9.6
0027	DAG	OPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	+9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	+9.6
0029	DAC	EDGE-FDD (TDMA, SPSK, TN 0-1-2)	GSM	7.78	+9.6
	CAA	and the second se		5.30	±9.6
0630		IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth		
0.031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
0035	CAA	IEEE 802.15.1 Bivetooth (GFSK, DH5)	Bluetoath	1.16	±9.6
0.033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DOPSK, DH1)	Bluetooth	7.74	+9.6
0.034	CAA	IEEE 802 15.1 Bluetooth (PV4-DGPSK, DH3)	Bluetooth	4.53	±8.6
0036	CAA	IEEE 802.15.1 Bluetooth (PI/4-DOPSK, DH5)	Bluetooth	3.83	±9.6
0036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
0.037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetoath	4.77	12.6
0.038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetoath	4.10	±9.6
0.039	CAB	CDMA2000 (txRTT, RC1)	CDMA2000	4,57	±9.6
10042	CAB	1S-54 / IS-136 FDD (TDMA/FDM, PV4-DQPSK, Hafnate)	AMPS	7,78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FOD (FDMA, FM)	AMPS	0.00	±9.6
0048	CAA	DECT (TDD, TDMA/FOM, GFSK, Full Stot, 24)	DECT	13.80	+9.6
0.049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
0.056	CAA	UMTS-TDD (TD-SCOMA, 1.28 Meps)	TO-SCDMA	11.01	±8.6
8008	DAC	EDGE FDO (TDMA, SPSK, TN 0-1-2-3)	GSM	8.52	±9.6
880.0	CAB	IEEE 802,116 WIFI 2.4 GHz (DSSS, 2 Mbcs)	WEAN	2.12	+9.6
10060	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps)	WEAN	2.83	±9.6
0.061	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	+9.6
10062	CAD	IEEE 802.11a/h WFI 5 GHz (OFDM, 6 Mbps)	WLAN	6.68	+9.6
10063	CAD	IEEE 802.11 am WFI 5 GHz (OFDM, 9 Mbps)	WLAN	8.83	±9.0
10064	CAD	IEEE 802.11a/h WIFI 5GHz (OFDM, 12 Mbps)	WLAN	9.00	10.0
10065	CAD	IEEE 802.11a/h WFI 5GHz (OFDM, 18 Mbps)	WLAN	9.00	+0.6
10-066	CAD	IEEE 802.11a/h WFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	+9.6
10.067	CAD	IEEE 802.11ah WFI 5 GHz (OFDM, 36 Mbos)	WLAN		
0065	CAD	IEEE 802.11a/h WFI 5 GHz (OFDM, 38 Maps)		10.12	±9.6
0068	CAD	IEEE BOZ 11ah WFI SGHZ (OFDM, 46 Mbps) IEEE BOZ 11ah WFI SGHZ (OFDM, 54 Mbps)	WLAN	10.24	±9.6
			WLAN	10.56	±0.6
10071	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mops)	WLAN	8.83	+9,6
0072	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	0.62	±9.0
0073	CAB	IEEE 802.11g WIFI 2.4 GHz (OS55/OFDM, 18 Mbps)	WLAN	9.94	±9.6
0074	CAB	IEEE 802.11g WIF 2.4 GHz (DSSS/DFDM, 24 Mbps)	WLAN	10.30	±9.6
0075	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
0075	CAB	IEEE 802 11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.84	±0.0
0077	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
1900	CAB	COMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
0082	CAB	IS-54 / IS-136 FOD (TDMA/FDM, PI/4-DOPSK, Fullrate)	AMPS	4.77	+9.6
0090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	G5M	6.56	+9,6
0097	CAC	UMTS-FDD (HSDPA)	WCDMA.	3.98	±9.6
0.098	CAC	UMTS-FDD (HSURA, Subtest 2)	WCDMA	3.96	±9.6
0999	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.8
0100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±0,6
0101	CAF	LTE-FOD (SC-FOMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.8
0102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-FDD	6.60	±9.6
0103	CAH	LTE-TDD (SC-FDMA, 100% FIB, 20 MHz, GPSK)	LTE-TDO	9.29	+9.6
0104	CAH	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±0.0
10105	CAH	LTE-TOD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-TDD	10.01	=9.6
0108	CAH	LTE-FOD (SC-FOMA, 100% PB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
0100	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 10-QAM)	THE CONTRACT	77.3.5	
10.1956		LTE-FDD (SC-FDMA, 100% RB, 5MHz, OPSK)	LTE-FDD	6,43	±9.6 ±9.6
0110	CAH				

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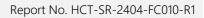


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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k =
10112	-CAH	LTE-FDD (80-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.58	±9.fi
10113	CAH	LTE-FOD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	0.62	±8.6
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5Mbps, BPSK)	WLAN	8.10	±9.6
0115	CAD	IEEE 502.11n (HT Greenfield, #1 Mops. 16-QAM)	WLAN	8.46	±9.8
0116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 84-QAM)	WLAN	8.15	+0.6
0117	CAD	IEEE 802.11n (H7 Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±8.8
6118	CAD	IEEE 802.11n (HT Muxed, 81 Mbps, 16-QAM)	WLAN	8.58	±9.8
0119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	+9.6
0140	CAF	LTE-FOD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.fl
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-FDD	8.53	19.6
0142	CLAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	+9.6
0143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16 QAM)	LTE-FDD	6.35	+9.4
0144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-GAM)	LTE-FDD	6.65	±9.6
0145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.79	±9.6
0146	GAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 18-QAM)	LTE-FDD	6.41	+9.6
0147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	+9.6
0149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	+9.6
0.150	CAF	LTE-FDD (SC-FDMA, 50% R8, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
0151	CAH	LTE-TOD (SC-FOMA, 50% R8, 20 MHz, GPSK)	LTE-TDD	8.29	±9.0
0151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MR2, GPSR)	LTE-TDD	9.92	±8.0 ±9.6
0158	CAH	LTE-TOD (SC-FDMA, 50% RB, 20 MHz, 64-GAM)		10.05	±9.6
0154	CAH	LTE-TOD (SC-FOMA, 50% RB, 20 MHz, 64-GAM) LTE-FD0 (SC-FOMA, 50% RB, 10 MHz, QPSK)	LTE-TOD LTE-FDD	10.05	±9.8 ±9.8
	CAH				
0155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QP5K)	LTE-FDD	6.43	±9,6
0155			LTE-FDD		±9.0
0157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 18-QAM)	LTE-FDD	6.49	±9:1
10158	CAH	LTE-FD0 (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	±.62	±9.8
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-CAM)	LTE-FDD	8.56	±8.8
10180	GAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±8.0
0161	CAF	LTE FDD (SC-FDMA, 50% RB, 15 MHz, 18-QAM)	LTE-FDD	6.43	±9.8
2910	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.6
0186	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6,21	土 阜,自
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±0.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, GPSK)	LTE-FDD	5.73	±9:8
10170	CAF	LTE-FDO (SC-FDMA, 1 RB, 20 MHz, 16-GAM)	LTE-FDD	6.52	±9.8
10171	AAF	LTE-FOD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-PDD	6.49	±9.8
10172	CAH	LTE-TOD (SC-FDMA, 1 RB, 20 MHz, DPSK)	LTE-TDD	8.21	±8.8
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9,48	±8.8
10174	CAH	LTE-TOD (SC-FDMA, 1 FIB, 20 MHz, IM-QAM)	LTE-TDD	10.25	±9.6
0175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.8
10.176	CAH	LTE-FDD (SC FDMA, 1 RB, 10 MHz, 16-DAM)	LTE-FDD	6.52	±9.6
0177	GAJ	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, OPSK)	LTE-FDD	5.73	±9.0
0178	CAH	LTE-FDD (SC-FDMA, 1 FIB, 5 MHz, 16-QAM)	LTE-FDO	6.52	±9.0
0.179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
0.180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 94-GAM)	LTE-FDD	6.50	+9.6
0.181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	+9.6
0 182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-FDD	8.52	±9.6
0 183	AAE	LTE-FDD (SC-FDMA, 1 RB; 15 MHz; 64-QAM)	LTE-FOO	6.50	=9.6
0.184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, GPSK)	LTE-FDD	5.73	+9.6
0.185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
0186	AAF.	LTE-FDD (SC-FDMA, 1 RB, 3MH/, 64-QAM)	LTE-FDD	6.50	+9.6
0.187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK)	LTE-FDD	5.73	19.6
0.188	CAG	LTE-FDD (SC-FDMA, 1 RB, L4MHz, 16-QAM)	LTE-FDD	6.52	19.6
0188	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	8.50	+9.6
0.183	CAD	IEEE 802.11n (HT Greatfield, 6.5 Mbos, 8PSK)	WLAN	8.99	19.6
0.194	CAD	IEEE 802.11n (HT Greenfield, 38 Mbps, 16-QAM)	WLAN	B.12	19.6
0.195	CAD	IEEE 802.11n (HT Greenfield, 68 Mbps, 54-GAM)	WLAN	8.21	+9.6
0 196	CAD	IEEE 802.11n (HT Mixed, 6.5Mbps, BPSK)	WEAN	8.10	±9.6
0107	CAD	(EEE 802.11n (HT Mixed, 39 Mbps, 18-QAM)	WLAN	8.13	+9.6
0.198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	
0219	CAD	EEE 802.11n (HT Mxed, 7.2 Mbps, BPSK)	WEAN		19.6
0220	CAD	IEEE B02.11n (HT Mixed, 43.3 Mbps, 16-GAM)	10000077	8.03	±8,6
0221	CAD	IEEE 802.11n (H1 Mixed, %3.5 Mdps, 16-GAM) IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WEAN	8.13	+9.6
0222	CAD	IEEE 802.11n (HT World, 72.2 Mbps, 64-GAW)	WLAN	8.27	±9.6
0223	CAD		WLAN	8.06	±9.0
0224	and the state of the	IEEE BO2.11n (HT Mixed, 90 Mbps, 16-CAM)	WLAN	8.48	支乐石
402.04	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6

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UID	Bev	Communication System Name	Group	PAR (dB)	Unc ^E k =
10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	+8.6
10226	CAC	LTE-TOD (SC-FOMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	+8.0
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, 64-QAM)	LTE-TOD	10.26	±9.6
10225	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	+9.8
10229	CAE	LTE-TOD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TOD	9.48	±9.fi
10230	CAE	LTE-TEID (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	10.25	±9.6-
10231	DAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, OPSK)	LTE-TDD	9.19	±9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-TDD	9.48	+9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, SMHz, 64-QAM)	LTE-TDD	10.25	±9.6
10234	CAH	LTE-TOD (SC-FDMA, 1 RB, 5MH), OPSK)	LTE-TDD	0.21	±9.8
10235	CAH	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
	CAH	LTE-TDO (SC-FDMA, 1 RB, 10 MHz, 14-GAM)	and the second se	the second second	
10235	DAH	LTE-TDD (SC-FDMA, 1 R8, 10 MHz, 64-GRM)	LTE-TDD	10.25	±9.6
10237	1. The second		LTE-TDD	9.21	±9.6
10238	CAG	LTE-TDO (SC-FOMA, 1 RB, 15 MHz, 16-GAM)	LTE-TOD	9.48	±9.6
10538	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, OPSK)	LTE-TDD	9.21	±9.8
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
0242	CAG	LTE-TOD (SC-FDMA, 60% RB, 1.4 MHz, 64-QAM)	LTE TOD	9.86	±9.6
0.243	CAC	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, QP5K)	LTE-TDD	9.46	±世.6
0244	CAE	LTE-TOD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TOD	10.06	±8.6
0245	CAE	LTE-TDD (SC-FDMA, 58% RB, 3 MHz, 64-QAM)	LTE-TOD	10.06	±9.6
0.245	CAE	LTE-TDD (SC-FDMA, 50% R8, 3 MHz, GPSK)	LTE-TOD	9.30	±9.6
0247	CAH	LTE-TOD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TOO	9.91	±0.6
0248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TOO	10.09	± 0.6
0.249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, OPSK)	LTE-TDD	9.29	±0.6
0.250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDO	9.81	+9.6
0.251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDO	10.17	+9.6
0252	CAH	LTE-TOD (SC-FDMA, 50% RB, 10 MHz, GPSK)	LTE-TOD	8.24	+8.6
0.253	CAG	LTE-TOD (SC-FOMA, 50% RB, 15 MHz, 16 QAM)	LTE-TOD	9,90	10010
0.254	CAG	LTE-TOD (SC-FOMA, 50% PB, 15 MHz, 16 GAM)			±9.6
0255	CAG		LTE-TOO	10.14	±8.6
	CAC	LTE-TDD (SC-FOMA, 50% RB, 15 MHz, QPSK)	LTE-TDO	9.20	±9.6
0.256		LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 15-QAM)	LTE-TDO	9.96	10.6
0.257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDO	10.08	±9.6
0.258	CAC	LTE-TOD (SC-FDMA, 100% R8, 1.4 MHz, QPSK)	LTE-TOD	9.34	28.6
0.259	CAE	LTE-TOD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TOO	9.98	±9.6
0.260	CAE	LTE-TDD (SC-FDMA, 100% PB, 3 MHz, 64-QAM)	LTE-TEO	9.97	+9.6
0.261	CAE	LTE-TDD (SC-FDMA, 100% R8, 3 MHz, GPSK)	LTE-TOD	9.24	±9.6
0.262	CAH	LTE-TDD (SC-FDMA, 100% R8, 5 MHz, 16-QAM)	LTE-TOD	9.63	±9.6
0.253	CAH	LTE-TDD (SC-FDMA, 100% FIB, 5MHz, 64-QAM)	LTE-TCO	10.16	±9.6
0.264	CAH	LTE-TDD (SC-FDMA, 100% HB, 5MHz, GPSK)	LTE-TOO	8.23	19.6
0.265	CAH	LTE-TDD (SC-FDMA, 100% R8, 10 MHz, 16-DAM)	LTE-TDD	8.92	+9.6
0.266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 84-QAM)	LTE-TOO	10.07	19.6
0.267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.6
0268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 18-DAM)	LTE-TOD	10.06	+9.6
0269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TOD	10.13	10.6
0270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, OPSK)	LTE-TOD	9.58	+9.6
0274	CAC	UMTS-FD0 (HSUPA, Subtest 5, 3GPP Rel8.10)	WCEMA	4.87	±0.0
0275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Pol8.4)	WCDMA	3.96	19.8
0277	CAA	PHS (QPSK)	PHS	11.81	
0278	CAA	PHS (QPSK, BW 884 MHz, Rolleff 0.5)	PHS	11.81	±9.8
0279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	11000	±0.6
0290	AAB			12.18	±8,8
0290	AAB	CDMA2000, RC1, SO55, Full Rate	COMA2000	3.01	±9.6
	AAB	CDMA2000, RC3, SO55, Fuil Rate	CDMA2000	3.46	±9.6
265.0		CDMA2000, RC3, SO32, Full Rate	CDMA2000	3,39	由 用生
0.293	AAB	CDMA2000, HC3, SO3, Full Rate	CDMA2000	3.50	±9.6
0295	AAB	CDMA2000, RC1, SO3, 1/8h Aate 25 fr.	CDMA2000	12.49	±9.6
0.297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDO	5.81	±9.6
0,298	AAE	LTE-FOD (SC-FOMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
0.595	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 15-QAM)	LTE-FDO	6.39	±9.6
0.000	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.80	±9.6
0.301	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, OPSK, PUSC)	WMAX	12.03	:9.6
\$06:0	AAA	(EEE 802.16e WIMAX (29:18, 5 mil, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WIMAX	12.57	+9.6
6308	AAA	IEEE 802.16e WIMAX (31:15, 5 ms, 10 MHz, 64CAM, PUSC)	WIMAX	12.52	±9.6
0304	AAA	IEEE 802 16e WIMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	11.88	10.0
0.306	AAA	IEEE 802 16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WMAX	15.24	±9.6
		IEEE 802 16e WIMAX (29.18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	111111111	13.24	10.0

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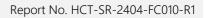


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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10307	AAA	IEEE 802 16e WIMAX (29-18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	XAMIW	14.49	+9.6
10308	AAA	IEEE 802.16e WIMAX (29-18, 10 ms, 10 MHz, 16QAM, PUSC)	WIMAX	14.48	±9.6
10389	AAA	IEEE 802.18e WIMAX (29:18, 10 ms, 10 MHz, 18QAM, AMC 2x3, 18 tymbols)	WIMAX	14.58	+9.6
10310	AAA	IEEE 802.16# WIMAX (29:18, 10ms, 10 MHz, QP5K, AMC 2x3, 18 symbols)	WIMAX	14.57	+9.6
10011	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	8.05	+9.6
10313	AAA	IDEN 13	IDEN	10.51	+9.0
10314	AAA	DEN 15	EEN .	10.51	
10315	AAB		and the second se		±9.6
		IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mops, 96pc duty cycle)	WLAN	1,71	±9.6
10318	AAB	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mops, 96pc duty cycle)	WLAN	8.36	19.6
10317	AAD	IEEE 802.11a WIFI 5 GHz (OFOM, 6 Mops, 96pc duty cycle)	WEAN	8,36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	18.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (2009kr, 40%)	Generic	3.98	1.9.0
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	19.6
10358	444	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.8
10387	AAA	OPSK Waveform, 1 MHz	Generic	5.10	土田,日
10388	AAA	OPSK Wavelorm, 10 MHz	Generic	5.22	±9.6
10396	AAA	64-DAM Waveform, 100 kHz	Generic	8.27	±9.8
10,999	AAA	84-QAM Waweform, 40 MHz	Generic	8,27	±9.6
10400	AAE	IEEE 802.11ac WIFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	+9.6
10401	AAE	IEEE 802.11ac WIFI (40 MHz, 64 QAM, 96pc duty cycle)	WLAN	8.60	+9.8
10402	AAE	IEEE 802.11ac WIFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DD, Rev. A)	CDMA2000	3.77	+9.6
10405	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	+9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 HB, 10 MHz, GPSK, UL Subtrame-2,3,4,7,8.9, Subtrame Conti-4)	LTE-TDD	7.82	+9.6
10414	AAA	WLAN CODF, 64-QAM, 40 MHz	Generic	8.54	
10415	AAA	IEEE 802.110 WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.0
10416	AAA	IEEE 802 11g WFI 2.4 GHz (ERP-DEDM, 6 Mbps, 98pc duty cycle)			±9.8
1.5.0.0			WLAN	6.23	±9.6
10417	AAC	IEEE 802,11a/h WFI 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8,23	±9.0
10418	AAA	IEEE 802.11g W/Fi 2.4 GHz (OSSS-OFDM, 6 Maps, 99pc duty cycle, Long preambule)	WLAN	8.14	±.9.ft
10419	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.8
10422	AAC	IEEE 802.11n (HT Greenfeld, 7.2 Mbps, BPSK)	WLAN	8.32	±8.8
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 15-QAM)	WLAN	8,47	±9.8
10424	AAC	IEEE 802.11n (H7 Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8,40	+9.6
10425	AAC	IEEE 802,11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.ff
10.428	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 84-QAM)	WLAN	8.41	±0.6
10430	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1)	LTE-FDD	8.28	±9.8
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.8
10432	AAD	LTE-FD0 (OFDMA, 15MHz, E-TM 3.1)	LTE-FDD	8.34	±9.8
10433	AAD	LTE-FDD (OFDMA, 25 MHz, E-TM 3.1)	LTE-FDD	8.34	+9.8
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.0
10.435	AAG	LTE-TOD (SC-FDMA, 1 RB, 20 MHz, OPSK, UI, Subframe=2.3,4,7,8,9)	LTE-TDD	7.82	±9.6
10.447	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-FDO	7.56	8.8±
10.448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDO	7.53	+9.6
10.449	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1, Glpph 44%)	LTE-FD0	7.53	±9.6
10.450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.51	
10450	AAB	W-CDMA (BS Test Model 1, 84 DPCH, Clipping 44%)			±9.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	WCOMA	7,59	19.6
10.456	AAC		Test	10.00	±9.6
10455	AAB	ELE B02.11ac WFI (160 MHz, 64-QAM, R9pc duty cycle)	WEAN	0.63	±8.6
		UMTS-FDD (DC-HSDPA)	WCOMA	8.82	±9.6
10.458	AAA	CDMA2000 (1xEV-DO, Rev. 8, 2 carriers)	CDMA2000	6.55	±9.6
10.458	AAA	CDMA2000 (TxEV-DO, Rev. B, 3 carrient)	CDMA2000	11.25	±9.6
10.460	AAB	UMTS-FDD (WCDMA, AMR)	WCOMA.	2,39	+9.6
0.461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subtrame 2,3,4,7,8,9)	LTE-TDO	7.82	3.0点
0462	AAC;	LTE-TDD (SC-FDMA, 1 R8, 1.4 MHz, 16-QAM, UL Subhame=2,3,4,7,6,9)	LTE-TOD	8.30	±9.6
10463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, (4-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDO	8,56	+9.6
10.464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE/TOD	7.82	±9.6
10465	AAD	LTE-TDD (SC-FDMA, 1 PB, 3MHz, 16-QAM, UL Sublrame=2.3.4,7,8.9)	LTE-TDD	8.32	±9.0
10466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM, UL SubName=2.3,4,7,8,9)	LTE-TDD	8.57	19.6
0467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe-2,3,4,7,8,9)	LTE-TDD	7.82	+9.6
10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM, UL Subframe-2.3.4.7.8.9)	LTE-TDD	8.32	19.6
10489	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM, LL Subhame=2.3,4,7,8,9)	LTE-TOD	8.56	
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, OPSK, UL Subtrame-2,3,4,7,8,9)	LTE-TOD	and the second sec	±9.0
10471	AAG			7.82	±9.6
10,47.1	440.2	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-GAM, UL Subframe-2,3,4,7,8,9)	LTE-TOD	8.32	13

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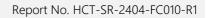


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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k =
10472	AAG	LTE-TDO (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
10473	AAF	LTE-TDO (SC-FDMA, 1 RB, ISMHz, QPSK, UL Subhame+2,3,4,7,8,9)	LTE-TOD	7.82	±8.0
10.474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-CAM, UL Subframe=2.3,4,7,8,9)	LTE-TDD	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-CAM, UL Subtrame=2.3,4,7,8,9)	LTE-TOD	8.57	±9.8
0477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 18-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	+0.6
0478	AAG	LTE TDD (SC FDMA, 1 RB, 20 MHz, 64-QAM, UL Subhamev2, 3,4,7,6,9)	LTE-TDD	8.57	+8.6
0.479	AAC	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe-2.3,4,7.8.9)	LTE-TDD	7.74	±0.6
0480	AAC	LTE-TOD ISC-FDMA, 50% RB, 1,4 MHz, 16-QAM, UL Subframe-2,3,4 7,8,9)	LTE-TDD	8.18	±9.6
0.481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8.9)	LTE TOD	8.45	19.6
0482	AAD	LTE-TOD (SC-FDMA, 50% RB, 3 MHz, OPSK, UL Subframe=2.3.4,7.8.9)	LTE-TOD	7.71	±9.6
0.480	AAD	LTE-TOD ISC-FDMA, 50% RE. 3 MHz, 16-CAM, UL Subtrante-2,3,4,7,8,9	LTE-TDD	8.99	28.6
0.484	AAD	LTE-TDD (SC-FDMA, 50% FIB, 3 MHz, 54-QAM, UL Subframe-2, 3.4, 7, 8, 9)	LTE-TDD	8.47	±8.6
0.485	AAG	LTE-TOD (SC-FOMA, 50% FIB, 5 MHz, GPSK, UL Subframe=2.3.4,7,8,9)	LTE-TDD	7.59	±8.0 ±9.6
0.488	AAG	LTE-TOD (SC-FOMA, 50% RB, 5 MHz, 16-QAM, UL Subframe-2.3,4,7,8,9)	LTE-TDO	8.38	the second s
0.487	AAG				+0.6
		LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TDD	8.60	±8.6
0.488	AAG	LTE-TDD (SC FOMA, 50% RB, 10 MHz, QPSK, UL Subframe-2.3,4,7,8,9)	LTE-TOD	7.70	±9.6
0.489	AAG	LTE-TOD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
0490	AAG	LTE-TDD ISC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TOD	8.54	±9.6
0491	AAF	LTE-TOD (SC-FDMA, 50% RB, 15 MHz, OPSK, UL Subframe=2.3,4,7,8,8)	LTE-TOD	7,74	±0.0
0.492	AAF	LTE-TOD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subhame-2,3,4,7,8,9)	LTE-TOD	8.41	20.6
0.493	AAF	LTE-TDD (SC-FDMA, 55% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.55	±9.6
0.494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, GPSK, UL Subframe=2.3,4,7,8,9)	LTE-TDD	7.76	±9.6
0.495	AAG	LTE-TDD (SC-FDMA, 50% AB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.37	±0.6
0498	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
0497	AAC .	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3.4,7,8,9)	LTE-TDD	7.67	3.6°
0.498	AAC	LTE-TOD (SC-FDMA, 100% R8, 1.4MHz, 18-QAM, UL Subframe=2.3.4,7.8.9)	LTE-TDD	8.40	+8.8
0499	AAC	LTE-TDD ISC-FDMA, 100% FB, 1.4 MHz, 64-QAM, UL Subframe-2.3,4,7,8,9)	LTE-TDD	8.68	±9.6
0.900	AAD	LTE-TDD (SC-FDMA, 100% R8, 3 MHz, OPSK, UL Subframe-2,3,4,7,8,9)	LTE-TDO	7.67	+0.0
0501	AAD	LTE-TDD (SC-FDMA, 100% R8, 3MHz, 16-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TOD	8.44	29.8
0.502	AAD	LTE-TDD (SC-FDMA, 100% FI8, 3MHz, 64-QAM, UL Buttlyamev2,3,4,7,8,9)	LTE-TDO	8.52	+11.6
0.503	AAG	LTE-TDD (SC-FDMA, 100% R8, 5MHz, QPSK, UL Subframe-2,3,4,7,8,9)	LTE-TDD	7,72	+9.0
0.504	AAG	LTE-TDD (SC-FDMA, 100% R8, 5MHz, 10-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TOD	8.31	±9.6
0.505	AAG	LTE-TDD (SC-FDMA, 100% FIB, 5MHz, 64-QAM, UL, Subframe=2,3,4,7,8,9)	LTE-TOD	8.54	±0.6
0.506	AAG	LTE-TOD (SC-FDMA, 100% R8, 10 MHz, OPSK, UL Subframe-2.3.4.7.8.9)	LTE-TDO	7.74	10.0
0507	AAG	LTE-TDD (SC-FDMA, 100% R8, 10 MHz, 16-GAM, UL Subframe-2,3,4,7,8,9)	LTE-TDD	8.36	19.6
8000	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-GAM, UL Subframe-2,3,4,7,8,9)	LTE-TOD	8.55	+9.6
0.509	AAF	LTE-TDD (SC FDMA, 100% RB, 15 MHz, QPSK, UL Subhame-2,3,4,7,8,9)	LTE-TOD	7.99	+8.0
0510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-GAM, UL Subhame-2,3.4,7.8,9)	LTE-TDD	8.49	
0511	AAF	LTE-TOD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subtrame-2,3,4,7,0,9)	LTE-TOD	8.51	±9.8
0512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe-2,3,4,7,8,9)	LTE-TDD		19.6
0513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subtrame-2,3.4,7.8,9)		7.74	1.9.5
0514	AAG	LTE-TDD (SC-FDMA, 100% RB, 28 MHz, 84-QAM, UL Subtrame-2,3,4,7,8,9)	LTE-TDD	8.42	±8.fi
0515	AAA		LTE-TDD	8.45	±9.8
0516	AAA	IEEE 802 11b WIFI 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
0517	AAA	IEEE 802.11b WIFI 2.4 GHz (OSSS, 5.5 Mbps, 98pc duty cycle)	WLAN	1.57	±9.fi
0518	AAC	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9,6
	AAC	IEEE SCI.11a/h WFI 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WILAN	8.23	±9.6
0.519		IEEE 802.11a/h WFI 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
0629	AAC	IEEE 802.11a/h WFI 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8,12	+9.6
0521	AAC	IEEE 802.11a/r WIFI 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.07	±9.6
0522	AAC	IEEE S02.11a/h WIFI 5 GHz (OFDM, 36 Mops, 99pc duty cycle)	WLAN	8.45	±9.6
2523	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mops, 98pc duty cycle)	WLAN	8.08	±9.8
0524	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mope, 99pc duty cycle)	WLAN	8.27	+8.6
1525	AAC	IEEE 602.1 tas WiFi (20 MHz, MCS0, 95pc duty cycle)	WLAN	8.36	±9.6
0526	AAG	IEEE 802,11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
0527	AAC	IEEE 802.11ac WIFI (20 MHz, MCS2, 99pc duty cycle)	WLAN	8,21	±9.6
2588	AAC	IEEE 602.11ab WFI (20 MHz, MOS3, 9lipc duty cycle)	WLAN	0.36	+9.6
1529	AAO	IEEE 802.11ac WIFI (20 MHz, MC84, 99pc duty cycle)	WLAN	8.36	+9.6
1531	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	19.6
1532	AAC	IEEE 902.11ac WIFI (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±0.6
1533	AAC	IEEE 802.11ac WFI (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	+0.6
1534	AAC	IEEE 802.11ac WFI (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	19.6
0535	AAC	IEEE 802.11ac WIFI (40 MHz, MCS1, 88pc duty cycle)	WLAN	8.45	±9.6
0536	AAC	IEEE 802 11ac WIFI (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.0 ±9.6
9637	AAC	IEEE 802 11ac WIFI (40 MHz, MCS3, 99pc duty cycle)	WLAN	6.44	+9.6
8636	AAC	IEEE 802.11ac WiFI (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	+9.0
		The set of	1111111	0.04	22.0

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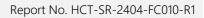


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UID	Ber	Communication System Name	Group	PAR (118)	Unc ^E # =
10541	AAC	IEEE 802.11ac WIFI (40 MHz, MG57, IRpc duty cycle)	WLAN	8,46	19.6
10542	AAG	IEEE 802.11ac WIFI (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±8.6
10543	AAC	IEEE 802.11ac WIFI (40 MHz, MCS8, 98pc duty cycle)	WLAN	8.65	±9.6
10544	AAC	IEEE 802.11ac WIFI (80 MHz, MCS0, 98pc duty cycle)	WILAN	8,47	±9.6
0545	AAC	IEEE 800.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WEAN	8.55	19.6
0546	AAG	IEEE 802.11ac WIFI (80 MHz, MCS2, Blipc duty cycle)	WLAN	8.35	+9.6
0547	AAC	IEEE 802.11ac WIFI (80 MHz, MCS3, 99pc duty cycle)	WLAN	8,49	±9.6
0548	AAC	IEEE 802 11ac WIFI (80 MHz, MCS4, 89pc duty cycle)	WLAN	8.37	±9.6
0550	AAC	IEEE 802 11 ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.38	19.6
0551	AAC	IEEE 802.11ac WIFI (80 MHz, MC57, 99pc duty cycle)	WEAN	8.50	+9.6
0552	AAC	IEEE 802.11ac WIFI (80 MHz, MCS8, 98pc duty cycle)	WLAN	8.42	+9.6
0553	AAC	IEEE 802.11ac WIFI (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	+9.6
0554	AAD	IEEE 802.11ac WiFi (160 MHz, MOS0, 98pc duty cycle)	WLAN	8.48	+9.6
0666	AAD	IEEE 902.11ac WiFi (160 MHz. MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
0556	AAD	IEEE 802 11ac WFI (160 MHz, MCS2, 99pc duty cycle)	WEAN	8.50	+9.6
0557	AAD	IEEE 802.11ac WFI (160 MHz, MCS3, 99cc duty cycle)	WLAN	8.52	+9.6
0558	AAD	IEEE 802.11ac WFI (160 MHz, MCS3, 98c duty cycle)	WLAN	8.61	+9.6
	AAD	IEEE BO2.11ac WFI (160 MHz, MCS4, 99bc duty cycle)	WLAN	8.73	and the second se
0560	AAD		and the second se		±9.6
0561	1.0.000	IEEE 802,11ac WiFI (160 MHz, MCS7, 99pc duty cycle)	WLAN	8,56	+9.6
0562	AAD	IEEE 802.11ac WIFI (160 MHz, MCS8, 99pc duty cycle)	WLAN	0.69	1.9.6
0563	AAD	IEEE 802.11ac WIFI (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	19.6
0564	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9Mbps, 99pc duty cycle)	WEAN	8,25	+9.6
0585	AAA	IEEE 802.11g W/Fi 2.4 GHz (DSSS-OFDM, 12 Mops, 99pc duty cycle)	WLAN	8.45	+9.6
0566	AAA	IEEE 802 11g WFI 2.4 GHz (DSSS-OFDM, 18 Mbps, (Kipo duty cycle)	WLAN	8.13	±0.6
0567	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 24 Mops, 99pc duly cycle)	WLAN	8.00	±9.6
0568	AAA	IEEE 802.11g WIP 2.4 GHz (DSSS-OFDM, 3E Mbps, 89po duty cycle)	WLAN	8.37	±9.6
0580	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9,6
0570	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, (Repo duty cycle)	WLAN	8.30	±9.6
0571	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 80pc duty cycle)	WLAN	1.99	±9.0
0572	AAA	IEEE 802.11b WIR 2.4 GHz (OSS5, 2 Mbps, 90pc duty cycle)	WLAN	1.59	±9.6
0573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.96	+9.6
0574	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9,6
0675	AAA	IEEE 802.11g W/R 2.4 GHz (DSS5-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	土街市
0578	AAA	IEEE IK2.11g WIF: 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	火9.6
0,577	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
0578	AAA.	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mops, 90pc duty cycle)	WEAN	8.49	±9.6
0579	AAA	IEEE B02.11g WIFI 2.4 GHz (DSSE-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
0580	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 36 Maps, 90pc duty cycle)	WLAN	8.76	±0.0
0.581	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	+9.0
5880	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mops, 90pc duty cycle)	WLAN	8.67	±9.6
0583	AAC	IEEE 802.11 wh WIFI 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
0584	AAC	IEEE 802.11wh WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.0
0585	AAG	IEEE 802.11a/n WFI 5 GHz (OFDM, 12 Mopu, 90pc duty cycle)	WLAN	8.70	土 羽.石
0586	AAG	IEEE 802.11a/H WIFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
0.587	AAG	IEEE 802.11wh WiFi 5 GHz (OFDM, 24 Mops, 90pc duty cycle)	WLAN	8.36	±9.6
0588	AAG	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mops, 90pc duty cycle)	WLAN	8.76	±9.6
0589	AAG	IEEE 802.11a/h WiFI 5 GHz (OFDM, 48 Mops, 90pc duty cycle)	WLAN	8.35	±8.6
0.690	AAG	IEEE 802.11wh WIFI 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	6.67	±9.6
0.591	AAG	IEEE 802.11n (HT Mixed, 20 MHz, MC/30, 90pc duty cycle)	WLAN	8.63	+9.6
0.592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
0.593	AAC .	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WEAN	0.64	±9.6
0.504	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
0.595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCIS4, 90pc duty cycle)	WLAN	8.74	+9.6
0.596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
0.597	AAC	IEEE 882 11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	1.9.1
892.0	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	+9.6
0599	AAC	IEEE 802 11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8,79	+9.6
0000	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
8601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90nc duty cycle)	WLAN	8.82	±0.0 ±9.6
8602	AAC	EEE 802.11n (HT Mixed, 40 MHz, MCS3, 80pc duty cycle)	WLAN	8.94	+9.6
0.603	AAC	IEEE 802 110 (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)			
0.604	AAC	EEE 802 11n (HT Mixed, 40 MHz, MCSS, 90pc duty cycle)	WLAN	9.03	±9.6
0605	AAC	IEEE 802 11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
0606	AAC		WLAN	8.97	±9.6
0607	AAC	IEEE 802 11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
0608		IEEE 802 11 ac WFI (20 MHz, MC50, 90pc duty cycle)	WLAN	8.64	±9.6
	AAC	EEE 802.11ac WIFI (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±5.8

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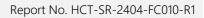


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10.609	AAC	IEEE 802.11ac WFI (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±8.6
10610	AAC	IEEE 802.11ac WIFI (20 MHz, WCS3, 90pc duty cycle)	WLAN	8.78	8.8±
10611	AAC	IEEE 802.11ac WFI (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
0.612	ANC	IEEE 802.11ac WIFI (20 MHz, WCS5, 90pc duty cycle)	WLAN	8.77	+9.6
0613	AAC	IEEE 802.11ac WFI (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	+9.6
0614	AAC	IEEE 802.11ac WFI (20 MHz, MCS7, 90pc duty rycle)	WEAN	8.59	±9.6
0615	AAC	IEEE 802.11ac WFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	+9.6
0616	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	+9.0
0617	AAC	IEEE 802.11ac WIFI (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	+9.6
0618	AAC	IEEE 802.11ac WIFI (40 MHz, MCS2, 90pc duty cycle)	WEAN	8.58	+9.6
0.619	AAC	IEEE 802 11ac WIFI (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.96	+8.6
0.620	AAC	IEEE 802.11ac WIFI (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.67	±9.6
0.621	AAC	IEEE 802 11ac WiFi (40 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	±9.0
0.622	AAC	IEEE 802.11ac WFF (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.68	±9.6
0.623	AAC	IEEE 802.11ac WIFI (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
0.624	AAC	IEEE 802.11ac WIFI (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
0.625	MAC	IEEE 802.11ac WFI (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	+9.6
0.626	AAC	IEEE 802.11ac WIFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	+9.6
0.627	AAD	IEEE 802.11ar WIFI (80 MHz, MCS1, 90pc duty cycle)	WLAN	6.88	+8.6
0.628	AAC	IEEE 802.11ac WIFI (80 MHz, MCS2, 90cc duty cycle)	WLAN	8.71	±9.6
0.629	AAC	IEEE 602.11ac WFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
0.630	AAC	IEEE 802.11ac WFF (80 MHz, WCS4, 90pc duty cycle)	WLAN	8.72	+9.6
0.631	AAC	IEEE 802.11ac WFI (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
0.632	AAC	IEEE 802.11ac WFI (80 MHz, MC68, 90pc duty rycle)	WLAN	8,74	±9.0
0.633	AAC	IEEE 802.11ac WFI (80 MHz, MCS7, 90pc duty type)	WLAN	8.83	29.6
0634	AAC	IEEE 802.11ac WFI (80 MHz, MCS8, 90pc duty cycle)	WLAN	E.80	19.6
0635	AAC	EEE 802.11ac WFI (80 MHz, MCS9, 90pc duty cycle)	WEAN	8.81	19.6
0630	AAD	EEE 802.11ac WFI (190MHz, MCS0, 90pc duty cycle)	WLAN	1.63	
0637	AAD	IEEE 802.11ac WFI (160 MHz, MCSI), 90pc duty cycle)	WLAN	8.63	+9.6
0638	AAD	EEE 802.11ac WFI (160/MHz, MCS1; 90pc duty cycle)	WLAN	1.86	±9.6
0639	AAD	IEEE 802.11ac WFI (160 MHz, MCS2, 90pc duty cycle)			±9.6
0640	AAD	IEEE B02.11ac WFI (160 MHz, MCS4, 90pc duty cycle)	WEAN	H.85	196
0641	AAD	IEEE 802.11ac WFI (100 MHz, MCSA, stude duty cycle)	WLAN	8,98	±9.6
0642	AAD	IEEE 802 11ac WFI (160 MHz, MCS6, 90pc duty cycle)	12357327	9.06	±9.6
0643	AAO	IEEE 802 11ac WFI (160 MHz, MCS6, Wpc 808 cycle) IEEE 802 11ac WFI (160 MHz, MCS7, 90pc duty cycle)	WLAN	9.06	±9.6
0644	GAA	IEEE 802.11ac WiFI (160 MHz, MCS7, MgC duty cycle)	WLAN	8.89	19.6
0645	AAD	IEEE 802.11ac WFI (160 MHz, MCS8, Blgc day cycle)	WLAN		19.6
0646	AAH	LTE-TDD (SC-FDMA, 1 R8, 5MHz, QPSK, UL Subframe=2.7)		8,11	±9.6
0647	AAG	LTE-TOD (SC-FDMA, 1 RB, 20MHz, OPSK, UL Subhamev2,7)	LTE-TOD	11,96	±9.6
0648	AAA	CDMA2000 (1x Advanced)			£9.6
0652	AAF	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	CDMA2000	3.45	19.6
0653	AAF	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Cloping 44%)	LTE-TOD	6.91	±9.6
0654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Dipping 44%)		7.42	土肤药
0655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Olipping 44%)	LTE-TDD	8.96	±9.6
0655	AAB	Pulse Waveform (200Hz, 10%)	LTE-TDD	7,21	±9.6
0859	AAB	Pulse Waviform (2004a, 20%)	Test	10.00	±9.6
0880	AAB	Pulse Waveform (200Hz, 40%)	Test	6.99	±9.8
0661	AAB	Pulse Wevelorm (200Hz, 60%) Pulse Wevelorm (200Hz, 60%)	Test	3,98	±9.6
0.0001	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9;0
0.670	AAA	Buetooth Low Energy	Test	0,97	±0.6
0.671	AAC	IEEE 802.11ax (20 MHz, MGS0, 90pc duty cycle)	Biuetooth	2,19	±9.6
0672	AAC	IEEE 802.118x (20 MHz, MCS1, 90pc duty cycer) IEEE 802.118x (20 MHz, MCS1, 90pc duty cycle)	WLAN	9,09	±9.6
0671	AAC	EEE 802.110x (20 MHz, MCS2, 90pc duty cycle)	WLAN	8:57	±9,6
0674	AAC	EEE 802.11ax (20 MHz, MCS2, 90pc duty cycle) EEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
3675	AAC	IEEE 802 11ai (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	19.6
1676	AAG	IEEE 802.1188 (20 MHz, MCS4, 90pc outy cycle)	WLAN	8.90	+9.6
0677	AAC	IEEE 802.11ai (20 MHz, MCS6, 90pc outy cycle) IEEE 802.11ai (20 MHz, MCS6, 90pc outy cycle)	WLAN	8,77	±9.6
0678	AAC	IEEE 802.11ai (20 MHz, MCS6, 90pc duty cycle) IEEE 802.11ai (20 MHz, MCS7, 90pc duty cycle)	WLAN	8,73	19.6
0679	AAC	IEEE 802.11ax (20 MHz, MCS7, 60pt duty cycle)	WLAN	8,78	±9.6
-	AAC		WLAN	8.89	±9.6
0680	AAG	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	19.8
0682	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	0.62	±9.6
	AAC	IEEE 800,11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±8.8
0683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
0685	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
3685		IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±8.6
	AAC:	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN.	8.28	18.6

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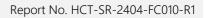


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UID	Rev	Communication System Name	Group	PAR (dB)	Uno ^E Ir =
0.687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
0688	AAC	IEEE 802.11ax (20 MHz, MCSS, 99pc duty cycle)	WLAN	8.29	±9.6
0.689	AAC	IEEE 803.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.55	28,6
0.690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
1990	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycla)	WEAN	8.25	±9.6
0.695	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
0683	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
0.694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WEAN	8.57	±9.6
0665	AAC	IEEE 802 11 as (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
0666	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8,91	±9.6
0697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
869.0	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
0.690	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WEAN	8.82	±9.8
0700	AAC	IEEE 802.11ax (40 MHz, MC55, 90pc duty cycle)	WLAN	8.73	±0.6
0701	AAC	IEEE 882.11ax (40 MHz, MC56, 90pc duty cycle)	WLAN	8,86	. ±9.6
0702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
0703	AAC	IEEE 802 11ax (40 MHz, MC58, 90pc duty cycle)	WLAN	8.82	±9.6
0704	AAC	IEEE B02.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.0
0,705	AAC	IEEE B02.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.09	±8.0
0706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.88	29.6
0707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
0.708	AAC	EEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8,55	±9.6
0.709	AAC	IEEE 802.11 ax (40 MHz, MOS2, 99pc duty cycle)	WLAN	8.33	±9.6
0710	AAC	IEEE 802.11ax (40 MHz, MCS3, 98pc duty cycle)	WLAN	8.29	±0.6
0711	AAC	EEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	29.6
0712	AAC	IEEE 802.11ax (40 MHz, MC55, 99pc duty cycle)	WLAN	8.57	+9.6
0713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	11.33	±9.6
0714	AAG	IEEE 802.11ax (40 MHz, MCS?, 99pc duty cycle)	WLAN	8.26	±8.0
0715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
0715	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.30	±9,6
0717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
0718	AAG	IEEE 802.11a4 (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	+9,6
0719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	主原自
0720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WEAN	8.87	±9.0
0.721	AAC	IEEE 802.11ax (80 MHz, MCS2, 60pc duty cycle)	WLAN	8.76	+9.6
0722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.8
0723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WEAN	8.70	±9.8
0725	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±0,6
0726	AAC	IEEE 802.11ax (80 MHz, MCS6, 50pc duty cycle) IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.74	±9.5
0725	AAC		WLAN	8.72	+0.6
0728	AAC	IEEE 802.11ax (30 MHz, MCG8, 90pc duty cycle)	WLAN	8.86	±8.8
0729	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle) IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8,65	±9,6
0730	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8,64	±9;0
0731	AAC	IEEE 802.11ax (80 MHz, MCS), 90pc duty cycle)	WLAN	8.67	±9.6
0732	AAC	IEEE 802.11ax (80 MHz, MCS0, Blipc duty cycle) IEEE 802.11ax (80 MHz, MCS1, BBpc duty cycle)	WLAN	8.42	±9,8
0733	AAC	IEEE 802 TTax (80 MHz, MCS2, 95pc duty cycle)	WLAN	8.45	±9.6
0734	AAC	EEE BILL TTax (60 MHz, MCS2, 99pc duty cycle) EEE BILL TTax (80 MHz, MCS3, 98pc duty cycle)	WLAN	8,40	±9,6
0735	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.8
0736	AAC	IEEE 802.11ax (80 MHz, MCSH, style daily cycle)	WLAN	8.33	±9.6
0736	AAC	IEEE 802.11si (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.27	±9.6
0738	AAC	IEEE 802.11ax (60 MHz, MCS4, 99pt duty cycle)	WLAN	8.36	±9.8
0739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
0740	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	CC077.00	8.29	±9.6
0741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8,48	+9.6
0742	AAC	IEEE 802,11ax (B0 MHz, MCS11, 980c duty cycle)	WLAN WLAN	8.40	8.8±
3743	AAC	IEEE 802.11ax (60 MHz, MCS0, 90pc duty cycle)		8.43	±9.6
0744	AAC	IEEE 802.11ax (160 MHz, MCS1, B0pc duty cycle)	WLAN	8,94	+9.6
0745	AAC	IEEE 802.11ax (160 MHz, MCSI), 90pc duty cycle)	WLAN	11110	±9.6
3748	AAC	IEEE 802.11ax (160 MHz, MCB3, R0pc duty cycle)		8,93	3.9.5
0747	AAC	IEEE 802.11ax (160 MHz, MCS3, WCC34, 90pc duty cycle)	WLAN	8,11	±9.6
0748	AAC	IEEE 802 11as (160 MHz, MCS6, 90pc duty cycle)	WLAN WLAN	9.04	±9.6
0749	AAC	IEEE 802 11 as (160 MHz, MCS6, 90pc duty cycle) IEEE 802 11 as (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.83	+9.6
0.750	AAC	IEEE 802.11ax (160 MHz, MCS6, Wpc duty cycle)	WLAN	8.90	±9.6
_	AAC	IEEE 802.11ax (160 MHz, MCS2, 30pc duty cycle)	WLAN	8,79	19.6
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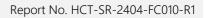


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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E R =
10753	AAC.	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±0.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	+1.6
10.755	AAG	IEEE 882.11ax (160 MHz, MCS0, 98pc duty cycle)	WLAN	8.64	::0.6
0.756	AAG .	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	+9.6
0.757	AAG	IEEE B02.11ax (160 MHz, MCS2, 90pc duty cycla)	WLAN	8.77	±9.6
0.758	AAC	IEEE 802.11ax (160 MHz, MCS3, 95pc duty cycle)	WLAN	8.89	±0.6
0.759	AAC	IEEE 002.11ax (100 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
0760	AAC	IEEE 802.11ax (160 MHz, MCSS, 99pc duty cycle)	WLAN	8.49	+8.6
0761	AAC	EEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.58	+9.6
10762	AAC	IEEE 802 11 ax (160 MHz, MCS7, 96pc duty cycle)	WLAN	8.49	+9.6
0.763	AAC	IEEE 802.11 ax (160 MHz, MCS8, 96pc duty cycle)	WLAN	6.53	±9.6
0764	AAC	IEEE 802.11 ax (160 MHz, MCSB, 99pc duty cycle)	WLAN	8.54	+9.6
0765	AAC	IEEE 802 11 ax (160 MHz, MCS10, 99pc duty cycle)	WEAN	8.54	19.6
0766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	10.6
0767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)		and the second se	
0768	AAD	5G NR (CP-OFDM, 1 RB, 18 MHz, OPSK, 15 kHz)	50 NR FR1 TDD 50 NR FR1 TDD	7.99	±9.0
0769	AAD	SG NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)		8.01	±9.6
	AAD		5G NR FR1 TDD	8.01	±9.6
0770		5G NR (CP-OFDM, 1 RB, 20 MHz, GPSK, 15 kHz)	5G NR FR1 TDD	8.02	19.6
0771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, OPSK, 15 kHz)	5G NR FR1 TDD	8.02	1.9.6
0772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	0.23	±9.6
0773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, GPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.8
0774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, OPSK, 15 kHz)	5G NR FR1 TDD	8.02	19.8
0775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, CPSK, 15 kHz)	5G NR FR1 TDD	8.31	1.9.6
0776	CAA	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	53 NR FR1 TDD	8.30	19.6
0777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 MHz)	50 NR FRI TDD	8.30	±9,6
0778	AAO	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	+9.6
0779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.8
0780	AAD	50 NR (CP-OFDM, 50% RB, 30 MHz, GPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.8
0781	AAD	SG NR (CP-OFDM, 50% RB, 40 MHz, OPSK, 15 kHz)	50 NR FR1 TDO	6.38	+9.6
0782	AAD	5G NR (CP-DFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	+5.6
0783	AAE	5G NR (CP-OFOM, 100% RB, 5MHz, QPSK, 15kHz)	SG NR FR1 TDD	8.31	+9.6
0784	AAD	50 NR (CP-OFDM, 100% RB, 10 MHz, CPSK, 15kHz)	5G NR FR1 T00	8.29	±9.6
0.785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.40	±9.6
0786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	55 NR FR1 TDD	0.35	:9.6
6787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, GPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6
0788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
0.789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	+9.6
0790	AAD	50 NR (CP-OFDM, 100% HB, 50 MHz, GPSK, 15 kHz)	5G NR FR1 TDD	0.39	+9.6
0791	AAE	SG NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.83	+9.6
0792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	7.92	±0.6 ±0.6
0793	AAD	5G NR (CP-OFDM, 1 RE, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	
0794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	SG NR FR1 TDD		±9.6
0795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)		7.82	±9.8
0796	AAD	5G NR ICP-OFOM, 1 RB, 30 MHz, QPSK, 30 MHz)	5G NR FR1 TDD	7.84	±8,8
0797	AAD	50 NR (CP-OFOM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
0798	AAD	5G.NR (CP-OFDM, 1 R8, 50 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.01	±9.0
0799	AAD	SG NR (CP-OFOM, 1 RB, 60 MHz, QPSK, 30 MHz)	5G NR FR1 TDD	7.89	±9.0
0801	AAD	SG NR (CP OFOM, 1 NB, 60 MHz, CPSK, 30 MHz) SG NR (CP OFOM, 1 RB, 60 MHz, OPSK, 30 MHz)	5G NR FR1 TDD	7.93	±9.6
0801	AAD		5G NR FR1 TDD	7.69	主日:后
0.803	AAD	50 NR (CP-OFOM, 1 R8, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.0
_		53 NR (CP-OFOM, 1 RB, 100 MHz, OPSR, 30kHz)	50 NR FR1 TDD	7,83	±0.0
0.805	AAD	5G NR (DP-OFDM, 50% RB, 10 MHz, OPSK, 30kHz)	5G NR FR1 TDD	E.34	±9,6
0.806	the product of the	SG NR (CP-OFDM, 50% RB, 15 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	8,37	±9.6
0809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, CP5K, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0.000	AAD	SG NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	19.6
9180	AAD	5G NR (CP-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.8
0817	AAE	5G NR (CP-OFDM, 100% R8, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
0818	AAD	5G NR (CP-OFDM, 190% RB, 10 MHz, QPSK, 30 MHz)	5G NR FR1 TDD	8.34	±9.6
0810	AAD	5G NR (CP-OFDM, 100% R8, 15 MHz, QP6K, 30 xHz)	5G MR FRIT TOO	8.33	+9.8
	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	+9.6
0820	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QP5K, 30 kHz)	5G NR FR1 TDD	8.41	+8.6
0820 0821		5G NR (CP-OFOM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
0820	AAD				
0820 0821	AAD AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.36	=0.6
0820 0821 0822 0823		53 NB (CP-OFDM, 100% RB, 40 MHz, GPSK, 30 kHz) 50 NR (CP-OFDM, 100% RB, 50 MHz, GPSK, 30 kHz)	50 NR FR1 T00 56 NR FR1 T00	No services	=9.6
0820 0821 0822 0823 0824	AAD	50 NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.39	19,6
0820 0821 0822	AAD AAD	53 NR (CP-GFDM, 100% RB, 40 MHz, GPSK, 30kHz) 56 NR (CP-GFDM, 100% RB, 50 MHz, GPSK, 30kHz) 56 NR (CP-GFDM, 100% RB, 80 MHz, GPSK, 30kHz) 56 NR (CP-GFDM, 100% RB, 80 MHz, GPSK, 30kHz)		No services	

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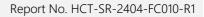


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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k -
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	+8.6
10830	DAA.	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±8.0
10831	AAD	5G NR (CP-OFDM, 1 R8, 15 MHz, QPSK, 60 kHz)	56 NR FR1 TDD	7,73	±9.8
0832	AAD	5G NR (CP-OFOM, 1 R8, 20 MHz, QPSK, 60 kHz)	50 NR FR1 TDD	2.74	+9.6
0833	AAD	5G NR (CP-OFEM, 1 R8, 25 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.70	±9.6
0834	AAD	5G NR (CP-CFOM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	15.6
0.895	AAD	5G NR (CP-OFOM, 1 R8, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	+0.6
0838	AAD	50 NR (CP-OFOM, 1 R8, 50 MHz, OPSK, 60 kHz)	5G NR FRI TDD	7.66	±9.8
0.837	AAD	5G NR (CP-OFEM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDO	7.68	+9.6
0839	AAD	5G NR (CP-OFOM, 1 RB, 80 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.70	±9.8
0.840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, OPSK, 60 kHz)	5G NR FR1 TDO	7.67	±9.8
0.841	AAD	50 NR (CP-OFDM, 1 RB, 100 MHz, GPSK, 60 kHz)	5G NR FRI TDO	7.71	±8.6
0.843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, OP5K, 80 kHz)	5G NR PRI TDD	8,49	±9.0
0.844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, OPSK, 80 kHz)	SG NR FR1 TDO	8.34	+9.6
0.846	AAD	SG NR (CP-OFDM, 50% RB, 30 MHz, CPSK, 50 kHz)	SG NR FR1 TD0	8.41	
	AAD		the state of the s		1:0.5
0854		5G NR (CP-OFDM, 100% RB, 10 MHz, GPSK, 60 kHz)	SG NR FR1 TDD	8.34	±9.6
0.855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	+8.6
0.856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	+9.6
0.857	AAD	5G NR (CP-CFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	56 NR FR1 TDD	8.35	±0:8
0.858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	56 NR FR1 TDD	8.38	±9,6
0.859	AAD	50 NR (CP-OFDM, 100% RB, 40 MHz, CPSK, 60 kHz)	5G NR FR1 TDD	8,34	±5.6
0.66.0	(IAA)	5G NR (CP-OFDM, 100% RB, 50 MHz, QP5K, 60 kHz)	5G NR FR1 TDD	18.41	±9.6
0,061	AAD	SG NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 90 kHz)	SG NR FR1 TDO	8.40	±9.6
0.963	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, OPSK, 60 kHz)	5G NR FR1 TDO	8.41	±8.0
0.864	AAD	5G NR (CP-OFDM, 100% RB, 98 MHz, QPSK, 60 kHz)	56 NR FR1 TDO	8.37	±9.8
0.885	AAD	5G NR (CP-OFDM, 100% RB, 100 MHJ, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
0.966	AAD.	5G NR (DFT-p-OFDM, 1 RB, 100 MHz, GPSK, 30 kHz)	5G NR FR1 TDO	5.68	+9.6
0.868	AAD	5G NR (DFT=)-OFDM, 109% RB, 100MHz, QPSK, 30 kHz)	56 NR FR1 TDO	5.89	±9.6
0.889	AAE	50 NR (DFT-e-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TD0	5.75	±9.6
0870	AAE	5G NR (DFT-6-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
0.871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	6G NR FR2 TDD	5.75	+0.5
0.872	AAE	5G NR (DFT-e-OFDM, 100% R8, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
0873	AAE	5G NR (DFT-e-OFDM, 1 R8, 100 MHz, 64QAM, 120 kHz)	SG NR FR2 TDD	8.61	±8.0
0874	AAE	5G NR (DFT-s-OFDM, 100% R8, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	29.6
0875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, GPSK, 120 kHz)	5G NR FR2 TDD	7.78	-9.6
0.876	AAE	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 120kHz)	5G NR FR2 TDD	1.39	+9.6
0877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	53 NR FR2 TDD	7.95	±9.6
0878	AAE	5G NR (CP-OFDM, 100% R8, 100 MHz, 18GAM, 120 kHz)	5G NR FR2 TDD	8.41	19.0
0879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 KHz)	5G NR FR2 TDD	8.12	+9.6
0880	AAE	SG NR (CP-OFDM, 100% RB, 100MHz, 84QAM, 1208Hz)	5G NR FR2 TDD	8.36	+9.6
0881	AAE	5G NR (DFT4-OFDM, 1 RB, 50 MHz, QPSK, 120kHz)	5G NR FR2 TDD		and the second se
0882	AAE	SG NR (DFT-p-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
0883	AAE	5G NR (DFT-e-OFDM, 1 RB, 50 MHz, 18GAM, 120kHz)			±0.0
0884	AAE	5G NF (DFT-#-OFDM, 10% RB, 50 MHz, 18QAM, 120 HHz)	5G NR FR2 TDD	6.57	土泉.6
0885	AAE		5G NR FR2 TDD	6.63	±9.6
0886	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120kHz)	5G NR FR2 TDD	6.61	+9.6
0887	AAE	5G NR (DFT=-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR (CP-OFDM, 1 RB, 50 MHz, OPSK, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
0888	AAE		5G NR FR2 TDD	7.78	±9.6
0888		SG NR (CP-OFDM, 100% R8, 50 MHz, QPSK, 120kHz)	50 NR FR2 TDO	8.35	±8.6
	AAE	5G NR (CP-OFOM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.02	+9,6
0890	AAE	5G NR (CP-OFOM, 100% RB, 50 MHz, 160AM, 120 kHz)	5G NR FR2 TDD	8.40	±9.0
0881	AAE	50 NR (CP-OFDM, 1 RB, 50 MHz, 64(2AM, 120 MHz)	5G NR FR2 TDD	8.13	±9.0
5880	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 640AM, 120 kHz)	EG NR FR2 TDD	8.41	+9.6
0.697	AAC	5G NR (DFT=OFDM, 1 RB, 5 MHz, OPSK, 30kHz)	SG MR FR1 TOD	5,00	+9.6
3895	AAB	50 NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.87	±0,6
9899	AAB	5G NR (DFT+ OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,67	±0.6
9900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.69	±8,6
0901	AAB	SG NR (DFT= OFDM, 1 RB, 25 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	5,68	±9.8
3902	AAB	50 NR (DFT-e-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
0903	AAB	5G NR (DFT-e-OFDM, 1 RB, 40 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	5.88	±9.6
1098	AAB	SG NR (DFT-e-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,68	±9.6
0.905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	+9.6
0906	AAB	5G NR (DFTs-OFOM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
9907	AAC	SG NR (DFT-II-OFOM, 50% R8, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	19.6
	AAB	5G NR (DFTs-OFDM, 50% R8, 10 MHz, QPSK, 30kHz)	50 NR FRI TDD	5.93	+9.8
8090					1.4.0
8090	AAB	5G NR (DFTs-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6

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10911	AAB	SG NR (DFT-8-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.93	39.6
10912	AAB	5G NR (DFT-s-OFDM, 59% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.84	:0.6
10.913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	0.64	::9.6
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	28.6
10915	AAB	50 NR (DFT-8-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	+9.6
10916	AAB	5G NR (DFT-e-OFDM, 50% RB, 80 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	5.67	+0.6
10917	AAB	5G NR (DFT 4-OFDM, 50% RB, 100MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.6
50918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 38 kHz)	SG NR FR1 TDD	5.88	19.0
	AAB				
10919		5G NR (DFTs:-OFDM; 100% R8; 10MHz; QPSK; 30 kHz)	SG NR FR1 TOD	5.85	:9.6
10.020	AAB	5G NR (DFT-s-OFDM, 100% R8, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	+9.6
10.021	AAB	5G NR (DFT+-OFDM, 100% R8, 20 MHz, QPSK, 30 kHz)	5G NR FRI TDD	5.84	±8.6
10822	AAB	SG NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	53 NR FR1 TDD	5.82	土泉市
10923	BAA	5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	29.6
10.024	AAB	5G NR (DFT-e-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.84	19.6
10925	AAB	5G NR (DFT-8-DFDM, 100% RB, 50 MHz, QP5K, 30kHz)	5G NR FR1 TDD	5.95	19.6
10926	BAA	5G NB (DFT-6-OFDM, 100% RB, 80 MHz, QP5K, 30 kHz)	5G NR FR1 TDD	5.84	19.6
10927	AAB	5G NR (DFTs-OFDM, 100% RB, 80 MHz, DPSK, 33 kHz)	5G NR FRI TDD	5.94	±9.0
10928	AAC	5G NR (DFTs-OFDM, 1 RB, SMHz, QPSK, 15kHz)	5G-NR FR1 FDD	5.52	£0.8
10929	AAC	50 NR (DFT+-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±0.6
10930	AAC	5G NR (DFT-e-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	+9.8
10991	AAC	5G NR (DFT=-OFDM, 1 RB, 20 MHz, QPSK, 15+Hz)	5G NR FR1 FDD	5.51	±9.6
10932	AAC	5G NR (DFTs-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	+9.6
10933	AAC	5G NR (DFT+-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.51	
10934	AAC		the state of the s	1000	±9.0
territoria de la constitución de la		5G NR (DFT-8-OFDM, 1 RB, 40 MHz, QPSK, 154Hz)	5G NR FR1 FDD	5.51	主息日
10935	AAD	5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 15aHz)	5G NR FR1 FDD	5.51	+9.6
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.90	±9.8
10937	AAC	50 NR (DFT-9-OFDM, 50% RB, 10 MHz, OPSK, 15 kHz)	5G NR FR1 FDD	5.77	土泉川
10938	AAC	5G NR (DFT= OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	+9.0
10839	AAC	5G NR (DFTo-OFDM, 50% RB, 20 MHz, OPSK, 15kHz)	5G NR FR1 FDD	5.82	±9.8
10940	AAC	5G NR (OFF==OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.89	+8.6
10941	AAC	5G NR (DFT-II-OFDM, 50% RB, 30 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.83	+9.6
10942	AAC	5G NR (DFT-p-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.85	±9.0
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, OPSK, 15 kHz)	5G NR FRI FDO	5.95	±9.0
10944	AAC	50 NR (DFT+-OFOM, 100% RB, 5 MHz, GPSK, 15kHz)	5G NR FRI FDO	5.81	±9.8
10945	AAC	5G NR (DFT+-OFDM, 100% RB, 10 MHz, QPSK, 18 kHz)	5G NR FR1 FDO	5.85	+5.6
10946	AAC	5G NR (DFTs-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.83	
10947	AAC	50 NR (DFT++-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	the second se		±9.6
10948	AAD	5G NR (DFT-e-OFDM, 100% RB, 25 MHz, QPSK, 15 MHz)	5G NR FR1 FDD	5.87	±9.8
10.949	AAC	5G NR (DFT-6-OFDM, 100% RB, 30MHz, QPSK, 15 MHz)	5G NA FA1 FDD	5.94	主9.8
10.940	AAC		5G NR FR1 FDD	5.87	2,6±
		5G NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10.951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 15 kHz)	5G NR FR1 FDD	5,92	±9.6
10.952	AAA.	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	±9.6
10963	AAA	5G NR DL (CP-DFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6
10.954	AAA	6G NR DL (CP-DFDM, TM 3.1, 15 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.23	±9.6
10.955	AAA	SG NFI DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.42	+9.6
10956	AAA	SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 308Hz)	5G NR FR1 FDD	8.14	±9.6
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	50 NR FR1 FDD	8.31	±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz)	50 NR FR1 FDD	8.61	+9.6
10959	AAA	5G NFI DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6
10960	AAC	5G NR DL (CP-OFDM, TM S.1, 5 MHz, 64-QAM, 15kHz)	6G NR FR1 TDD	9.32	±9.6
10961	AAB	5G NR DL (CP OFDM, TM 3.1, 10 MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	9.32	±9.0 ±9.0
10962	AAB	SG NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz)	SG NR FR1 TDD		
10983	AAB	SG NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 15kHz)		9.40	±9.6
10964	AAC	5G NR DL (DP-OFDM, TM 3.1, 20MHz, 64-QAM, 30KHz)	SG NR FR1 TDD	9,55	±9.6
10965	AAB		5G NR FR1 TDD	9.29	±0,6
	and the second second	5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30kHz)	50 NR FR1 TDD	9.37	±9.6
0986	AAB	50 NR DL (CP-OFDM, TM 3.1, 15MHz, 64 QAM, 30 kHz)	SG NR FR1 TDD	8.55	:±日日
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64 CAM, 30 kHz)	SG NR FR1 TDD	9,42	±9:8
10.988	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9,49	±9.6
10972	AAB	5G NR (CP-OFDM, 1 R8, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
10973	AAB	53 NR (DFT-e-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9,06	19.6
0974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 255-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.6
10.078	AAA	ULLA BOR	ULLA	1.16	±9.6
10979	AAA	ULLA HDR4	ULLA	8.58	+9.6
0960	AAA	ULLA HOR8	ULLA	10.32	±9.6
0.981	AAA	ULLA HDRp4	ULLA		
0.962	AAA	ULLA HCRDB		3.19	±9.6
		Second reserved	LILLA	3.43	+0.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k=2
10983	AAA	50: NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	9.31	19.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	0.42	8.8.8
10985	AAA	5G NR DL (CP-DFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	8.54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	9.53	+9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	8.38	±9.6
10589	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.30	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, B0 MHz, 64-QAM, 30 kHz)	50 NR FR1 TDD	9.52	土9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	10.24	19.8
11004	AAA	50 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, 25MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.70	±8.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.66	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.48	49.8
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11000	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	19,6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	+9.6
11011	AAA.	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	±8.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±9.6
11013	AAA	IEEE 802,11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.8
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAA	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8,44	:19.6
11016	AAA,	IEEE 802 11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8,44	+9.6
11017	AAA.	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycla)	WLAN	8.41	±9.6
11018	,A,A,A,	1EEE 802,11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.0
11019	AAA,	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAA,	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAA	IEEE 802 11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	0.46	±9.6
11022	, A, A,	IEEE 862.11be (320 MHz, MCS10, 98pc duty cycle)	WLAN	8.36	±9.6
11023	AAA	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±8.6
11/024	AAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	19.6
11025	AAA,	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAA	TEEE 802,11be (320 MHz, MCS0, 89pc duty cycle)	WLAN	8.39	±9.6
11827	AAA	Pulse Waveform (Square, 20me, 10mg)	MBI	3.01	±9.0
11028	AAA	Pulse Waveform (Square, 50 mil, 40 mil)	MBI	0.97	+9.8

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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Power meter NRP2 SN: 104778 30-Mar-23 (No. 217-03804/03805) Mar-24 Power sensor NRP-Z91 SN: 103244 30-Mar-23 (No. 217-03804/03805) Mar-24 OCP DAK-3.5 (weighted) SN: 103244 30-Mar-23 (No. 217-03804/03805) Mar-24 OCP DAK-3.5 (weighted) SN: 1249 20-Oct-22 (OCP-DAK3.5-1249_Oct22) Oct-23 OCP DAK-12 SN: 1016 20-Oct-22 (OCP-DAK12-1016_Oct22) Oct-23 Reference 20 dB Attenuator SN: CC2552 (20x) 30-Mar-23 (No. DAE4-660_Mar23) Mar-24 DAE4 SN: 660 16-Mar-23 (No. DAE4-660_Mar23) Mar-24 Reference Probe ES3DV2 SN: 3013 06-Jan-23 (No. ES3-3013_Jan23) Jan-24 Secondary Standards ID Check Date (In house) Scheduled Ch Power sensor E4412A SN: MY41498087 06-Apr-16 (in house check Jun-22) In house check Power sensor E4412A SN: 000110210 06-Apr-16 (in house check Jun-22) In house check Power sensor E4412A SN: US3642U01700 04-Aug-99 (in house check Aun-22) In house check RF generator HP 8648C SN: US41080477 31-Mar-14 (in house check Oct-22) <td< th=""><th>di taratura</th><th>hweizerischer Kali rvice suisse d'étai rvizio svizzero di t riss Calibration Se</th><th>C s</th><th>•</th><th>III A</th><th colspan="3">Calibration Laboratory of Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland</th></td<>	di taratura	hweizerischer Kali rvice suisse d'étai rvizio svizzero di t riss Calibration Se	C s	•	III A	Calibration Laboratory of Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland		
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Calibration Laboratory of Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland



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Swiss Calibration Service

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Accreditation No.: SCS 0108

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

Glossary

TSL	tissue simulating liquid
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 @	@ rotation around probe axis
Polarization ϑ	# rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., &= 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) KD8 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 ≤ 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).
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- · PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z; A, B, C, D are numerical linearization parameters assessed based on the data of
 power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum
 calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for I ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for I > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx.y.z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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July 18, 2023

Parameters of Probe: ES3DV3 - SN:3076

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc $(k = 2)$
Norm (µV/(V/m) ²) A	1.21	1.24	1.18	±10.1%
DCP (mV) B	106.0	105.0	104.0	±4.7%

Calibration Results for Modulation Response

מוט	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc ^E k = 2	
0	CW	X	0.00	0.00	1.00	0.00	209.5	±3.0%	±4.7%	
		Y	0.00	0.00	1.00		208.5			
		Z	0.00	0.00	1.00	-	199.2	· · · · ·		
10352	Pulse Waveform (200Hz, 10%)	X	12.55	85.70	23.45	10.00	60.0	±1.6%	±9.6%	
	A 51.855	Y	12.36	85.52	23.29		60.0			
		Z	14.22	87.77	23.67	1	60.0			
10353	Pulse Waveform (200Hz, 20%)	X	20.00	94.07	24.61	6.99	80.0	6.99 80.0	±2.5%	±9.6%
	(Carterian Construction States and States)	Y	20.00	94.11	24.55	80.87	80.0	1 -310.00 1		
		Z	20.00	93.40	23.84		80.0			
10354	Pulse Waveform (200Hz, 40%)	X	20.00	95.82	23.46	3.98	95.0	±3.7%	±9.6%	
	1. 1. (ALM STOCK S	Y	20.00	96.10	23.57	95.0	11			
		2	20.00	94.83	22.58		95.0			
10355	Pulse Waveform (200Hz, 60%)	X	20.00	99.55	23.57	2.22	120.0	±3.9%	±9.6%	
		Y	20.00	100.53	24.06		120.0			
		Z	20.00	97.63	22.25		120.0			
10387	OPSK Waveform, 1 MHz	X	1.96	67.22	16.17	1.00	150.0	±2.5%	±9.69	
		Y	2.02	68.40	16.83	1.1266	150.0		1283000	
		Z	1.76	66.00	15.20		150.0			
10388	QPSK Waveform, 10 MHz	X	2.71	70.78	17.03	0.00	150.0	±1.0%	±9.69	
		Y	2.87	72.05	17.80	100000	150.0			10000000
		Z	2.37	68.73	15.94		150.0			
10396	64-QAM Waveform, 100 kHz	X	4.51	75.83	21.27	3.01	150.0	±0.6%	±9.6%	
		Y	4.70	77.67	22.25		150.0			
		Z	3.75	72.58	19.73	1	150.0			
10399	64-QAM Waveform, 40.MHz	X	3.67	67.81	16.18	0.00	150.0	±1.8%	+9.69	
	Case of the Contract of Contract of Contract	Y	3.74	68.30	16.53	10000	150.0		105 Chris	
		Z	3.60	67.47	15.91	1	150.0			
10414	WLAN CCDF, 64-QAM, 40 MHz	X	5.05	65.79	15.64	0.00	150.0	±3.8%	±9.6%	
	anna emetre contrata and a tratain (27)	Y	5.07	66.04	15.84	000000	150.0	100000	other set set	
		Z	5.02	65.86	15.63	1	150.0			

Note: For details on UID parameters see Appendix

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

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

^{II} 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.

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Parameters of Probe: ES3DV3 - SN:3076

Sensor Model Parameters

	C1 IF	C2 fF	и V ⁻¹	T1 msV ⁻²	T2 ms V ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	Т6
х	69.3	493.88	35.07	29.81	3.34	5.10	0.66	0.66	1.01
y I	63.3	451.09	35.12	29.79	3.18	5.10	1.05	0.51	1.01
Z	60.7	436.50	35.52	29.40	2.83	5.10	0.34	0.69	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	145.0*
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	10 mm
Tip Diameter	4 mm
Probe Tip to Sensor X Calibration Point	2 mm
Probe Tip to Sensor Y Calibration Point	2 mm
Probe Tip to Sensor Z Calibration Point	2 mm
Recommended Measurement Distance from Surface	3 mm

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Parameters of Probe: ES3DV3 - SN:3076

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)
6	55.0	0.75	5,33	5.33	5.33	0.00	1.00	±13.3%
13	55.0	0.75	5.80	5.80	5.80	0.00	1.00	±13.3%
750	41.9	0.89	6.37	6.37	6.37	0.40	1.64	±12.0%
835	41.5	0.90	6.11	6.11	6.11	0.62	1.28	±12.0%
900	41.5	0.97	5.98	5.98	5.98	0.66	1.25	±12.0%
1450	40.5	1.20	5.53	5.53	5.53	0.34	1.71	±12.0%
1750	40.1	1.37	5.35	5.35	5.35	0.74	1.11	±12.0%
1900	40.0	1.40	5.05	5.05	5.05	0.80	1.13	±12.0%
2300	39.5	1.67	5.00	5.00	5.00	0.53	1.47	±12.0%
2450	39.2	1.80	4.81	4.81	4.81	0.73	1.31	±12.0%
2600	39.0	1.96	4.59	4.59	4.59	0.80	1.27	±12.0%

^C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–9 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±100 MHz. ^T The probes are calibrated using tissue simulating liquids (TSL) that deviate for c and or ±100 kHz. The uncertainties (typically better than ±3%) and are valid for TSL with deviations of up to ±10%. If TSL with deviations from the target of less than ±5% are used, the calibration uncertainties are 11.1% for 0 - 3 GHz and 13.1% for 3 - 6 GHz.

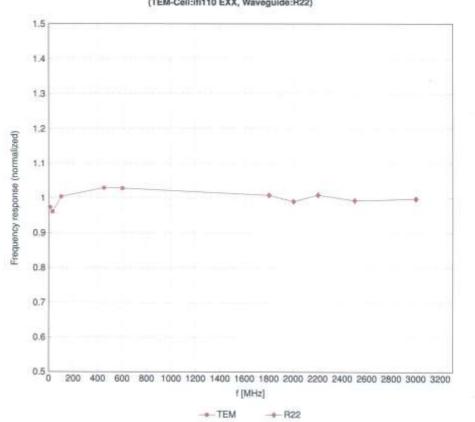
^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less. than ±1% for frequencies below 3 GHz and below ±2% for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the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

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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)

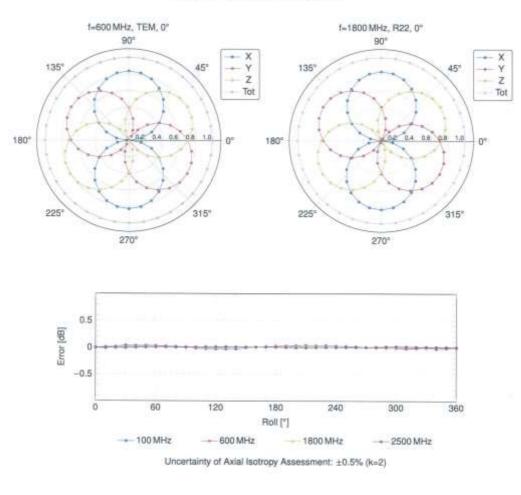
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ES3DV3 - SN:3076



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

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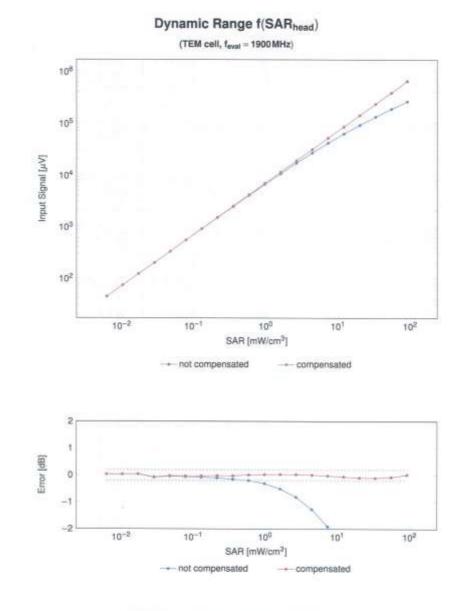
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ES3DV3 - SN:3076



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

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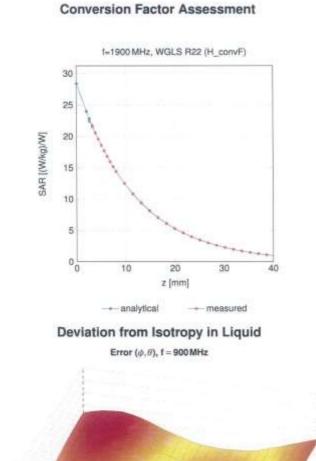
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60

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Uncertainty of Spherical Isotropy Assessment: ±2.6% (k=2)

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Deviation

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Appendix: Modulation Calibration Parameters

UID	Rev.	Communication System Name	Group	PAR (dB)	Unc ^E k =
0		CW	CW	0.00	±4.7
0010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
0.011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
0012	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.8
0013	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
0.021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
0023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
0.024	DAC	GPRS-FDD (TOMA, GMSK, TN 0-1)	GSM	6.56	±9.6
0.025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	OSM	12.62	29.6
0.026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
0027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4:80	±9.6
0028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	19.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetoath	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DOPSK, DH1)	Bluetooth	7.74	±9.6
10034	GAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	19.6
10035	GAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Biuetooth	8.01	19.6
10036	CAA	EEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10037	CAA	EEE 802.15.1 Bluetooth (8-DPSK, DH5)		4.10	±0.0 ±9.6
	CAB		Bluetooth CDMA2000	4.10	and a second s
10030	CAB	CDMA2000 (1xRTT, RC1)	1.0000000000000000000000000000000000000	7.78	±9.6
10042	and the local data	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS		±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	:0.6
10048	CAA	DECT (TDD, TDMA/FDM, GF5K, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10:058	DAC	EDGE-FDO (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10:059	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WIFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	29.6
10062	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAD	IEEE 802.11a/h WFI 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAD	IEEE 802.11a/h WFI 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±8.6
10067	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAD	IEEE 802.11a/h WFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	19.6
10069	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	19.6
10072	CAB	IEEE 802.11g W/Fi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10074	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WIFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	19.6
10076	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB	IEEE 802.11g WIF) 2.4 GHz (DSSS/OFOM, 54 Mbps)	WLAN	11.00	+9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	19.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fuitrate)	AMPS	4,77	19.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	19.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	19.6
10098	CAC	UMTS-FDD (HSUPA) UMTS-FDD (HSUPA, Subtest 2)	WCOMA	3.90	19.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	12122	in the second seco
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, GPSK)	LTE-FDD	5.67	±9.6
10101	CAF		The second	1000	±9.6
design and the second	and the second	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-DAM)	LTE-FOD	6.60	±9.6
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	29.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6
10105	CAH	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FOD	5.75	±9.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 18-QAM)	LTE-FDD	6.44	±9.6

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alu	Bev	Communication System Name	Group	PAR (dB)	Unc ^E k =
10112	CAH	LTE-FDD (SC-FDMA, 100% R8, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
0113	CAH	LTE-FOD (SC-FDMA, 100% R8, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
0114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
0115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
0118	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
0117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
0118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 18-QAM)	WLAN	8.59	±9.6
0119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
0140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-FDD	6.49	19.6
0141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6
0142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	19.5
0143	CAF	LTE-FDD (SC-FDMA, 100% R8, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6
0144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.6
0145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6
0146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	19.6
0147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
0149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FOD	10000	and the second se
0150	CAF	and the second stands for a second stand stand stand stands of the second stand stands of the second stands o		6.42	±9.6
of the second second	and the second second	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FOD	6.60	±9.6
0151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TOD	9.28	±9.6
0152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TOD	9.92	±9.6
0153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TOD	10.05	±9.6
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	19.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FOD	5.79	±9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 18-QAM)	LTE FDD	6.49	±9.6
10168	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	8.56	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	8.43	29.6
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	8.58	±9.6
10166	CAG	LTE-FOD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	#9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE FDD	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	8,49	19.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TOD	9.21	±9.6
10173	CAH	LTE-TDD (SC-FDMA, 1 FIB, 20 MHz, 16-QAM)	LTE-TOD	9.48	±9.6
10174	CAH	LTE-TOD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	:19.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	8.52	19.6
10177	CAJ	LTE-FDO (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-FDD	8.50	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FOD	6.52	19.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	8.50	±9.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	29.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB. 3 MHz, 64-QAM)	LTE-FDD	8.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6
10188	CAG	LTE-FDO (SC-FDMA, 1 R8, 1.4 MHz, 16-GAM)	LTE-FDD	6.52	29.6
10189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	29.6
10183	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.50	28.6
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mops, 16 QAM)	WLAN	8.12	
10195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.6
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	and the second		29.6
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.10	±9.6
10198	CAD	IEEE 602.11h (HT Mixed, 35 Mbps, 16-QAM) IEEE 802.11h (HT Mixed, 65 Mbps, 64-QAM)	WLAN WLAN	8.13	±9.6
	CAD		WLAN	8.27	±9.6
10219		IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10.221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
10.222	CAD	IEEE 602.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6
0224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64 QAM)	WLAN	8.08	±9.6

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10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
0226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16 QAM)	LTE-TDD	9.49	±9.6
0227	CAC	LTE-TDO (SC-FDMA, 1 R8, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	19.6
0228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6.
0229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
0230	CAE	LTE-TDD (SC-FDMA, 1 FIB, 3 MHz, 64-QAM)	LTE-TDD	10.25	19.6
0231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
0232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-TDD	9.48	:9.6
0233	CAH	LTE-TDO (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-TDD	10.25	19.6
0234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-TDD	9.21	±9.6
0236	CAH	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	+9.6
0236	CAH	LTE-TOD (SC-FDMA, 1 RB, 10MHz, 64-QAM)	LTE-TOD	10.25	±9.6
0237	CAH	LTE-TOD (SC-FOMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	19.6
0238	CAG	LTE-TOD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-TDD	9.48	19.6
0239	CAG	LTE-TOD (SC-FDMA, 1 RB, 15MHz, 64-QAM)	LTE-TDD	10.25	19.6
0240	CAG	LTE-TOD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	19.6
0241	CAC	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM)	LTE-TDD	9.82	19.6
0242	CAC	LTE-TDD (SC-FDMA, 50% R8, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	19.6
0243	CAC	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	19.0
0244	CAE	LTE-TOD (SC-FDMA, 50% R8, 3MHz, 16-QAM)	LTE-TDD	and the second se	
0245	CAE	LTE-TDD (SC-FOMA, 50% RB, 3 MHz, 64-QAM)	and the second s	10.06	±9.6
0246	CAE	LTE-TDD (SC-FOMA, 50% RB, 3 MHz, OPSK)	LTE-TDO	10.06	19.6
0247	CAH		LTE-TDD	9.30	±9.6
	1000	LTE-TDD (SC-FDMA, 50% R8, 5MHz, 16-QAM)	LTE-TDD	9.91	±9.6
0248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.8
0249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK)	LTE-TDD	9.29	±9.6
18250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 18-QAM)	LTE-TDD	9.81	±9.5
10:251	CAH	LTE-TDD (SC-FDMA, 59% R8, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.8
0.252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TOD	9.24	±9.6
18253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9,6
0254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TOD	10.54	±9.6
0.255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAG	LTE-TDD (SC-FDMA, 100% RE, 1.4 MHz, 15-QAM)	LTE-TDO	9.96	±9.6
10257	CAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TOD	10.08	±9.6
10,258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TOD	9.34	±9.6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-TOO	9.98	±9.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TOD	9.97	±9.6
10:261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TOD	9.24	±9.6
0262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 18-QAM)	LTE-TOD	9.83	±9.6
0263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-TDD	10.16	±9.6
10,264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-TOD	9.23	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDO	9.92	±9.5
0286	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TOD	10.07	±9.6
0.267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK)	LTE-TDD	9.30	±9.6
0268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-TDD	10.06	±9.0
0269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-TDD	10.13	±9.8
10270	CAG	LTE-TOD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-TOD	9.58	±9.6
10274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	19.8
10275	CAC	UMTS-FD0 (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	19.5
10277	CAA	PHS (OPSK)	PHS	11.81	±9.6
0278	CAA	PHS (OPSK, BW 884 MHz, Rolloff 0.5)	PHS	51.81	±9.6
10279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	1000
0290	AAB	CDMA2000, RC1, SO55, Full Rate	and a state of the		±9.6
10:291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.91	±9.5
0.292	AAB		CDMA2000	3.46	±9.6
0293	AAB	CDMA2000, RC3, SO32, Full Rate CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.39	±9.6
0.295			CDMA2000	3.50	±9.6
		CDMA2000, RC1, SO3, 1/8th Rate 25 tr.	CDMA2000	12.49	±9.6
0.297		LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDO	5.81	±9.8
0.298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-FDD	5.72	±9.8
0299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 18-QAM)	LTE-FDO	6.39	+9.5
0300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDO	6.60	±9.6
0301	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10 MHz, QPSK, PUSC)	WIMAX	12.03	±9.6
0302	AAA	IEEE 802:16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WIMAX	12.57	±9.8
0303	AAA	IEEE 802.16e WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	12.52	±9.6
0304	A,A,A	IEEE 802.16e WIMAX (29:18, 5 ms; 10 MHz, 64QAM, PUSC)	WMAX	11.86	±9.6
0305	AAA	IEEE 802.16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WIMAX	15.24	±9.6
0306	AAA	IEEE 802.15e WIMAX (29:18, 10 ms, 10 MHz, 84QAM, PUSC, 18 symbols)	WIMAX	14.67	±9.6

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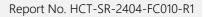


July 18, 2023

0307 AAA 0308 AAA 0308 AAA 0309 AAA 0309 AAA 0310 AAA 0311 AAE 0313 AAA 0314 AAA 0315 AAA 0314 AAA 0315 AAB 0314 AAA 0315 AAB 0316 AAB 0317 AAD 0352 AAA 0353 AAA 0355 AAA 0355 AAA 0356 AAA 0366 AAA 0396 AAA 0396 AAA 0398 AAA 03400 AAE 04401 AAE 04402 AAE 04403 AAB 04404 AAB 04405 AAB 04406 AAB 04416 AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 18QAM, PUSC) IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 19QAM, AMC 2x3, 18 symbols) IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols) IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols) ITTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK, AMC 2x3, 18 symbols) IDEN 1:3 IDEN 1:5 IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 86pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DFDM, 6 Mbps, 96pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DFDM, 6 Mbps, 96pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DFDM, 6 Mbps, 96pc duty cycle) Pulse Waveform (200Hz, 10%) Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 40%) QPSK Waveform, 100Hz, 40%) QPSK Waveform, 100Hz 64-QAM Waveform, 100Hz 64-QAM Waveform, 100Hz 64-QAM Waveform, 100Hz 1EEE 802.11ac WIFI (80 MHz, 64-QAM, 98pc duty cycle) IEEE 802.11ac WIFI (40 MHz, 64-QAM, 98pc duty cycle) IEEE 802.11ac WIFI (40 MHz, 64-QAM, 98pc duty cycle) IEEE 802.11ac WIFI (40 MHz, 64-QAM, 98pc duty cycle) CDMA20000 (1xEV-DO, Rev. 0) CDMA20000 (1xEV-DO, Rev. 0) CDMA20000 (1xEV-DO, Rev. 0) CDMA20000 (1xE	WMAX WMAX WMAX WMAX LTE-FOD IDEN IDEN IDEN WLAN WLAN WLAN WLAN Generic Generic Generic Generic Generic Generic Generic Generic Generic Generic Generic Comazooo CDMAZOOO CDMAZ	14.49 14.46 14.56 14.57 6.06 10.51 13.48 1.71 8.36 8.38 10.00 6.99 3.98 2.22 0.97 5.10 5.22 6.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 7.82 7.82 7.82 7.82 8.54 1.54 8.23 8.14 8.19	19.6 1
0309 AAA 0310 AAA 0311 AAA 0311 AAA 0311 AAA 0311 AAA 0313 AAA 0314 AAA 0315 AAB 0314 AAA 0315 AAB 0315 AAB 0315 AAB 0317 AAD 0318 AAA 0317 AAD 0317 AAD 0318 AAA 03195 AAA 03196 AAA 03197 AAA 03198 AAA 03199 AAA 03100 AAE 0400 AAE 0400 AAE 0400 AAE 0400 AAE 0402 AAE 04040 AAB 04040 AAB 0410 AAE 04116 AAA	IEEE 802.18e WIMAX (29:18, 10 ms, 10 MHz, 19QAM, AMC 2x3, 18 symbols) IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols) LTE-FDD (SC-FDMA, 100% R8, 15 MHz, QPSK) IDEN 1:3 IDEN 1:3 IBEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) IEEE 802.11a WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) IEEE 802.11a WIFI 2.4 GHz (DFDM, 6 Mbps, 96pc duty cycle) Pulse Waveform (200Hz, 10%) Pulse Waveform (200Hz, 20%) Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 40%) Pulse Waveform, 100Hz 64-QAM Waveform, 100Hz 64-QAM Waveform, 100Hz 64-QAM Waveform, 100Hz 64-QAM Waveform, 100Hz 1EEE 802.11ae WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ae WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ae WIFI (80 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ae WIFI (80 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ae WIFI (80 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ae WIFI (80 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ae WIFI (80 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ae WIFI (80 MHz, 64-QAM, 99pc duty cycle) IEEE 80	WMAX WMAX LTE-FOD IDEN IDEN WLAN WLAN WLAN Generic Generic Generic Generic Generic Generic Generic Generic Generic Generic Generic CDMA2000 CDMA200 CDMA2000 CDMA20 CDMA20 CDMA20 CDMA20 CDMA20 CDMA20 CDMA20 CDMA20 CDMA20 CDMA20 CDMA20 CDMA20 CDMA20 CDMA20 CDMA2	14.58 14.57 6.06 10.51 13.48 1.71 8.36 8.36 10.00 6.99 3.98 2.22 0.97 5.10 5.22 8.27 8.27 8.27 8.37 8.60 8.53 3.76 3.77 5.22 8.54 1.54 8.54 1.54 8.23 8.23 8.14	8.8 4.9 8.6 4.9 8.6 4
0310 AAA 0311 AAE 0313 AAA 0313 AAA 0313 AAA 0313 AAA 0314 AAA 0315 AAB 0316 AAB 0317 AAD 0318 AAA 0353 AAA 0353 AAA 0353 AAA 0354 AAA 0355 AAA 0356 AAA 0357 AAA 0358 AAA 0358 AAA 0358 AAA 0358 AAA 0358 AAA 0358 AAA 0359 AAA 0360 AAA 0360 AAA 0360 AAA 0360 AAA 0360 AAA 0400 AAE 0401 AAE 0402 AAE <td>IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols) LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK) IDEN 1:3 IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) Pulse Waveform (200Hz, 20%) Pulse Waveform (200Hz, 80%) Pulse Waveform (200Hz, 80%) Pulse Waveform (200Hz, 90%) OPSK Waveform, 10 MHz QPSK Waveform, 100 KHz 64-QAM Waveform, 100 KHz 64-QAM Waveform, 100 KHz 98pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV</td> <td>WIMAX LTE-FOD IDEN IDEN WLAN WLAN WLAN WLAN Generic WLAN WLAN WLAN WLAN WLAN WLAN</td> <td>14.57 6.06 10.51 13.48 1.71 8.36 10.00 6.99 3.98 2.22 0.97 5.10 5.22 8.27 8.27 8.27 8.27 8.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 7.82 7.82 7.82 7.82 8.54 1.54 8.23 8.23 8.14</td> <td>8.8 4.9 8.6 4.9 8.6 4</td>	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols) LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK) IDEN 1:3 IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) Pulse Waveform (200Hz, 20%) Pulse Waveform (200Hz, 80%) Pulse Waveform (200Hz, 80%) Pulse Waveform (200Hz, 90%) OPSK Waveform, 10 MHz QPSK Waveform, 100 KHz 64-QAM Waveform, 100 KHz 64-QAM Waveform, 100 KHz 98pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV	WIMAX LTE-FOD IDEN IDEN WLAN WLAN WLAN WLAN Generic WLAN WLAN WLAN WLAN WLAN WLAN	14.57 6.06 10.51 13.48 1.71 8.36 10.00 6.99 3.98 2.22 0.97 5.10 5.22 8.27 8.27 8.27 8.27 8.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 7.82 7.82 7.82 7.82 8.54 1.54 8.23 8.23 8.14	8.8 4.9 8.6 4.9 8.6 4
0311 AAE 0313 AAA 0314 AAA 0313 AAA 0314 AAA 0315 AAB 0316 AAB 0317 AAD 0318 AAA 0316 AAB 0317 AAD 0352 AAA 0355 AAA 0355 AAA 0355 AAA 0356 AAA 0357 AAA 0358 AAA 0396 AAA 0397 AAA 0398 AAA 0398 AAA 0398 AAA 0398 AAA 0400 AAB 0401 AAE 0402 AAE 0403 ABB 0410 AAB 0411 AAA 10415 AAA 10416 AAA 10417 AAC <trr< td=""><td>IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols) LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK) IDEN 1:3 IDEN 1:5 IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 36pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSS) Pulse Waveform (200Hz, 20%) Pulse Waveform (200Hz, 60%) Pulse Waveform (200Hz, 60%) Pulse Waveform, 10 MHz GPSK Waveform, 10 MHz IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) GDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) IEEE 802.11a WIFI 2.4 GHz (DSSS.1 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSSS.0FDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSSS.0FDM, 6 Mbps, 99pc duty cycle)<!--</td--><td>LTE-FOD IDEN IDEN WLAN WLAN WLAN Generic Generic Generic Generic Generic Generic Generic Generic Generic Generic Generic Generic CDMA2000 CDMA200 CDMA2000 CDMA20 CDMA200 CDMA20 CDMA200 CDMA200 CDMA200 CDMA200 CDMA200 CDMA2</td><td>6.06 10.51 13.48 1.71 8.36 8.38 10.00 6.99 3.98 2.22 0.97 5.10 5.22 8.27 8.27 8.27 8.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.14</td><td>±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6</td></td></trr<>	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols) LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK) IDEN 1:3 IDEN 1:5 IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 36pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSS) Pulse Waveform (200Hz, 20%) Pulse Waveform (200Hz, 60%) Pulse Waveform (200Hz, 60%) Pulse Waveform, 10 MHz GPSK Waveform, 10 MHz IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) GDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) IEEE 802.11a WIFI 2.4 GHz (DSSS.1 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSSS.0FDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSSS.0FDM, 6 Mbps, 99pc duty cycle) </td <td>LTE-FOD IDEN IDEN WLAN WLAN WLAN Generic Generic Generic Generic Generic Generic Generic Generic Generic Generic Generic Generic CDMA2000 CDMA200 CDMA2000 CDMA20 CDMA200 CDMA20 CDMA200 CDMA200 CDMA200 CDMA200 CDMA200 CDMA2</td> <td>6.06 10.51 13.48 1.71 8.36 8.38 10.00 6.99 3.98 2.22 0.97 5.10 5.22 8.27 8.27 8.27 8.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.14</td> <td>±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6</td>	LTE-FOD IDEN IDEN WLAN WLAN WLAN Generic Generic Generic Generic Generic Generic Generic Generic Generic Generic Generic Generic CDMA2000 CDMA200 CDMA2000 CDMA20 CDMA200 CDMA20 CDMA200 CDMA200 CDMA200 CDMA200 CDMA200 CDMA2	6.06 10.51 13.48 1.71 8.36 8.38 10.00 6.99 3.98 2.22 0.97 5.10 5.22 8.27 8.27 8.27 8.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.14	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
0313 AAA 0313 AAA 0314 AAA 0315 AAB 0315 AAB 0315 AAB 0315 AAB 0315 AAB 0315 AAB 0317 AAD 0353 AAA 0355 AAA 0355 AAA 0355 AAA 0356 AAA 0386 AAA 0396 AAA 0396 AAA 0396 AAA 0400 AAE 0400 AAE 0402 AAE 0403 AAB 04041 AAA 0402 AAE 0403 AAB 04041 AAA 0410 AAH 0411 AAA 10412 AAC 10413 AAC 10423 AAC 10424 AAC	IDEN 1:3 IDEN 1:3 IDEN 1:5 IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 36pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSSS, 1 Mbps, 36pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DFDM, 6 Mbps, 96pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DFDM, 6 Mbps, 96pc duty cycle) Pulse Waveform (200Hz, 10%) Pulse Waveform (200Hz, 60%) Pulse Waveform (200Hz, 60%) OPSK Waveform (200Hz, 60%) QPSK Waveform, 10Hz GPSK Waveform, 10 MHz 64-QAM Waveform, 100 MHz 64-QAM Waveform, 100 MHz IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (40 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (40 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (40 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (40 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (40 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11a WIFI 2.4 GHz (DSSS, 1 Mb	IDEN IDEN IDEN WLAN WLAN Generic Generic Generic Generic Generic Generic Generic Generic Generic Generic Generic CDMA2000 CDMA200 CDMA2000 CDMA20	10.51 13.48 1.71 8.36 8.36 10.00 6.99 3.38 2.22 0.97 5.10 5.22 8.27 8.27 8.27 8.27 8.27 8.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.14	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
0314 AAA 0314 AAB 0315 AAB 0315 AAB 0316 AAB 0351 AAB 0352 AAA 0353 AAA 0353 AAA 0353 AAA 0353 AAA 0353 AAA 0355 AAA 0355 AAA 0396 AAA 0397 AAA 03987 AAA 0400 AAE 0400 AAE 0400 AAE 0400 AAE 04040 AAB<	IDEN 1:5 IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) IEEE 802.11a WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle) IEEE 802.11a WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle) Pulse Waveform (200Hz, 10%) Pulse Waveform (200Hz, 20%) Pulse Waveform (200Hz, 20%) Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 60%) Pulse Waveform (200Hz, 60%) Pulse Waveform (200Hz, 60%) Pulse Waveform, 100Hz GPSK Waveform, 100Hz 64-QAM Waveform, 100Hz 64-QAM Waveform, 100Hz 64-QAM Waveform, 100Hz 64-QAM Waveform, 100Hz 1EEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WIFI (80 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WIFI (80 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WIFI (80 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WIFI (80 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WIFI (80 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WIFI (80 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WIFI (80 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WIFI (80 MHz, 64-QAM, 99pc duty cycle) <td< td=""><td>IDEN WLAN WLAN WLAN Generic Generic Generic Generic Generic Generic Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 UTE-TDD Generic WLAN WLAN WLAN</td><td>13.48 1.71 8.36 8.36 10.00 6.99 3.98 2.22 0.97 5.10 5.22 8.27 8.37 8.62 8.53 3.76 3.77 5.22 8.54 1.54 8.53 8.54 1.54 8.23 8.14</td><td>0.8± 4.9.6 4.6</td></td<>	IDEN WLAN WLAN WLAN Generic Generic Generic Generic Generic Generic Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 UTE-TDD Generic WLAN WLAN WLAN	13.48 1.71 8.36 8.36 10.00 6.99 3.98 2.22 0.97 5.10 5.22 8.27 8.37 8.62 8.53 3.76 3.77 5.22 8.54 1.54 8.53 8.54 1.54 8.23 8.14	0.8± 4.9.6 4.6
0315 AAB 0316 AAB 0317 AAD 0317 AAD 0352 AAA 0353 AAA 0354 AAA 0355 AAA 0355 AAA 0355 AAA 0356 AAA 0357 AAA 0358 AAA 0366 AAA 0386 AAA 0398 AAA 0398 AAA 0399 AAA 0400 AAE 0402 AAE 0404 AAB 0405 AAB 0406 AAB 0406 AAB 0406 AAB 0407 AAB 0408 AAB 0404 AAB 0415 AAA 0416 AAB 0417 AAC 0418 AAC 0428 AAC <td>IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 36pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle) IEEE 802.11a WIFI 5 GHz (DFDM, 6 Mbps, 96pc duty cycle) IEEE 802.11a WIFI 5 GHz (DFDM, 6 Mbps, 96pc duty cycle) Pulse Waveform (200Hz, 20%) Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 60%) OPSK Waveform, 10 MHz GPSK Waveform, 10 MHz GPSK Waveform, 10 MHz IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) GDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) IEEE 802.11a WIFI 2.4 GHz (DSS5.1 Mbps, 99pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSS5.1 Mbps, 99pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSS5.0FDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSS5.0FDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSS5.0FDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSS5.0FDM, 6 Mbps, 99pc duty cycle)</td> <td>WLAN WLAN WLAN Generic Generic Generic Generic Generic Generic Generic Generic Generic WLAN WLAN WLAN CDMA2000 CDMA200 CDMA200 CDMA2000 CDMA2000 CDMA200 CD</td> <td>1.71 8.36 8.36 10.00 6.99 3.98 2.22 0.97 5.10 5.22 8.27 8.27 8.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 7.82 7.82 7.82 8.54 1.54 8.23 8.23 8.14</td> <td>19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6</td>	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 36pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle) IEEE 802.11a WIFI 5 GHz (DFDM, 6 Mbps, 96pc duty cycle) IEEE 802.11a WIFI 5 GHz (DFDM, 6 Mbps, 96pc duty cycle) Pulse Waveform (200Hz, 20%) Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 60%) OPSK Waveform, 10 MHz GPSK Waveform, 10 MHz GPSK Waveform, 10 MHz IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) GDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) IEEE 802.11a WIFI 2.4 GHz (DSS5.1 Mbps, 99pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSS5.1 Mbps, 99pc duty cycle) IEEE 802.11b WIFI 2.4 GHz (DSS5.0FDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSS5.0FDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSS5.0FDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSS5.0FDM, 6 Mbps, 99pc duty cycle)	WLAN WLAN WLAN Generic Generic Generic Generic Generic Generic Generic Generic Generic WLAN WLAN WLAN CDMA2000 CDMA200 CDMA200 CDMA2000 CDMA2000 CDMA200 CD	1.71 8.36 8.36 10.00 6.99 3.98 2.22 0.97 5.10 5.22 8.27 8.27 8.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 7.82 7.82 7.82 8.54 1.54 8.23 8.23 8.14	19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6
0316 AAB 0317 AAD 0352 AAA 0353 AAA 0354 AAA 0355 AAA 0355 AAA 0355 AAA 0355 AAA 0355 AAA 0356 AAA 0358 AAA 0386 AAA 0398 AAA 0398 AAA 0398 AAA 0398 AAA 0398 AAA 0398 AAA 0400 AAE 0401 AAE 0402 AAE 0403 AAB 0404 AAB 0405 AAB 0406 AAB 0410 AAH 0411 AAA 10418 AAA 10418 AAC 10428 AAC 10428 AAC 10429 AAC	IEEE 802.11g WiFI 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle) IEEE 802.11a WiFI 5 GHz (DFDM, 6 Mbps, 96pc duty cycle) Pulse Waveform (200Hz, 10%) Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 60%) OPSK Waveform, 100kHz G4-QAM Waveform, 100kHz 64-QAM Waveform, 100kHz 64-QAM Waveform, 100kHz 1EEE 802.11ac WiFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe-2,3,4,7,8,9, Subframe Confi-4) WLAN CCDF, 64-QAM, 40 MHz IEEE 802.110 WiFI 2.4 GHz (DSSS. 1 Mbps, 99pc duty cycle) IEEE 802.110 WiFI 2.4 GHz (DSSS.0FDM, 6 Mbps, 99pc duty cycle) IEEE 802.110 WiFI 2.4 GHz (DSSS.0FDM, 6 Mbps, 99pc duty cycle) </td <td>WLAN WLAN Generic Generic Generic Generic Generic Generic Generic Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 LTE-TOD Generic WLAN WLAN WLAN WLAN</td> <td>8.36 8.36 10.00 6.99 3.98 2.22 0.97 5.10 5.22 8.27 8.27 8.27 8.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.23 8.14</td> <td>19.6 19.6</td>	WLAN WLAN Generic Generic Generic Generic Generic Generic Generic Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 LTE-TOD Generic WLAN WLAN WLAN WLAN	8.36 8.36 10.00 6.99 3.98 2.22 0.97 5.10 5.22 8.27 8.27 8.27 8.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.23 8.14	19.6 19.6
0317 AAD 0352 AAA 0352 AAA 0353 AAA 0355 AAA 0355 AAA 0355 AAA 0355 AAA 0355 AAA 0355 AAA 0356 AAA 0386 AAA 0396 AAA 0397 AAA 0398 AAA 0399 AAA 0400 AAE 0401 AAE 0402 AAC 0403 AAB 0404 AAB 0405 AAB 0406 AAB 0407 AAE 0408 AAB 0404 AAB 0417 AAC 0418 AAA 0419 AAA 0422 AAC 10423 AAC 10424 AAC 10425 AAC <	IEEE 802.11a WIFI 5 GHz (OFDM, 6 Mbps, 96pc duty cycle) Pulse Waveform (200Hz, 10%) Pulse Waveform (200Hz, 20%) Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 60%) Pulse Waveform (200Hz, 60%) Pulse Waveform (200Hz, 60%) QPSK Waveform (200Hz, 60%) GPKA 2000 (1xEV-DO, Hav. 40 IEEE 802.11ac WIFI (80 MHz, 64-QAM, 98pc duty cycle) CDMA2000 (1xEV-DO, Hav. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Hav. 0) CDMA200	WLAN Generic Generic Generic Generic Generic Generic Generic Generic Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 WLAN WLAN WLAN WLAN	8.36 10.00 6.99 3.98 2.22 0.97 5.10 5.22 6.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 7.82 7.82 8.54 1.54 8.23 8.23 8.14	19.6 1
0352 AAA 0353 AAA 0353 AAA 0353 AAA 0353 AAA 0353 AAA 0355 AAA 0355 AAA 0355 AAA 0387 AAA 0387 AAA 0387 AAA 0388 AAA 0398 AAA 0399 AAA 0399 AAA 0400 AAE 04040 AAB 04040 AAB 04040 AAB 0410 AAB 0411 AAA 10412 AAC 10422 AAC 10423 AAC 10424 AAC 10425 AAC	Pulse Waveform (200Hz, 10%) A Pulse Waveform (200Hz, 20%) Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 60%) Pulse Waveform (200Hz, 60%) Pulse Waveform (200Hz, 60%) Pulse Waveform (200Hz, 60%) Pulse Waveform, 10MHz QPSK Waveform, 10MHz 64-QAM Waveform, 10MHz 64-QAM Waveform, 10MHz 64-QAM Waveform, 10MHz 64-QAM Waveform, 10MHz 64-QAM Waveform, 10MHz 1EEE 802.11ac WiFI (20MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) CDMA2000 (1xEV-DO, Rev. 0) 1CDMA2000 (1xEV-DO, Rev. 0) CDMA2000, RC3, SO32, SCH0, Full Rate 1LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe~2,3,4,7,8,9, Subframe Conf=4) WLAN CCDF, 64-QAM, 40MHz 1EEE 802.11g WiFI 2.4 GHz (DSSS, 17Mps, 99pc duty cycle) IEEE 802.11g WiFI 2.4 GHz (DSSS, OFDM, 6 Mbps, 99pc	Generic Generic Generic Generic Generic Generic Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 UTE-TDD Generic WLAN WLAN WLAN	10.00 6.99 3.98 2.22 0.97 5.10 5.22 8.37 8.627 8.37 8.627 8.57 8.63 3.76 3.77 5.22 7.82 7.82 8.54 1.54 8.23 8.23 8.14	8.8 ± 8.8 \pm
0353 AAA 0353 AAA 0355 AAA 0355 AAA 0355 AAA 0355 AAA 0386 AAA 0387 AAA 0400 AAE 0401 AAE 0402 AAE 0403 AAB 0404 AAB 0405 AAB 0406 AAB 0416 AAA 10417 AAC 10418 AAC 10422 AAC 10423 AAC 10424 AAC 10425 AAC	Pulse Waveform (200Hz, 20%) Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 60%) OPSK Waveform, (200Hz, 60%) OPSK Waveform, (200Hz, 60%) OPSK Waveform, 10 MHz OPSK Waveform, 10 MHz S4-QAM Waveform, 10 MHz S4-QAM Waveform, 10 MHz IEEE 802.11ac WiFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) CDMA2000 (1xEV-DO, Rev. 0) LIEEE 802.110 WiFI 2.4 GHz (DSSS, 1 Mops, 99pc duty cycle) IEEE 802.110 WiFI 2.4 GHz (DSSS, 1 Mops, 99pc duty cycle) IEEE 802.110 WiFI 2.4 GHz (DSSS, OFDM, 6 Mops, 99pc duty cycle, Long preambule) IEEE 802.110 WiFI 2.4 GHz (DSSS-OFDM, 6 Mops, 99pc duty cycle, Long preambule) IEEE 802.110 WiFI 2.4 G	Generic Generic Generic Generic Generic Generic Generic WLAN WLAN WLAN CDMA2000 CDMA200 CDMA200 CDMA2000 CDMA200 CDMA	6.99 3.98 2.22 0.97 5.10 5.22 8.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.14	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
B354 AAA B354 AAA D355 AAA D356 AAA D398 AAA D399 AAA D399 AAA D0400 AAE D0401 AAE D0402 AAE D0402 AAE D0403 AAB D0404 AAB D0405 AAB D0406 AAB D0410 AAH D0411 AAA D0412 AAC D0413 AAC D04141 AAA D0412 AAC D0425 AAC D0425 AAC D0425 AAC D0426 AAC D0427 AAC D0428	Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 60%) Pulse Waveform (200Hz, 80%) OPSK Waveform, (200Hz, 80%) OPSK Waveform, 10 MHz OPSK Waveform, 10 MHz QPSK Waveform, 10 MHz IEEE 802.11ac WiFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WiFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000, RC3, SO32, SCH0, Full Rate LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe-2,3,4,7,8,9, Subframe Confe-4) WLAN CCDF, 64-QAM, 40 MHz IEEE 802.11a WiFI 2.4 GHz (DSSS, 1 Mops, 99pc duty cycle) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFI 2.4 GHz (DSSS-0FDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFI 2.4 GHz (DSSS-0FDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS-0FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS-0FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS-0FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS-0FDM, 6 Mbps, 89pc duty cycle, Short preambule)	Generic Generic Generic Generic Generic Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 LTE-TDD Generic WLAN WLAN WLAN WLAN	3.98 2.22 0.97 5.10 5.22 8.27 8.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 1.54 8.23 8.23 8.14	8.61 3.62
0355 AAA 0355 AAA 0366 AAA 0386 AAA 0386 AAA 0386 AAA 0386 AAA 0398 AAA 0399 AAA 0399 AAA 0400 AAE 0400 AAE 0401 AAE 0402 AAC 0403 AAB 0404 AAB 0405 AAB 0406 AAB 0406 AAB 0406 AAB 0406 AAB 0406 AAB 0417 AAC 10418 AAA 10421 AAC 10422 AAC 10423 AAC 10424 AAC 10425 AAC 10426 AAC 10427 AAC 10428 AAC 10431 AAE <td>Pulse Waveform (200Hz, 60%) Pulse Waveform (200Hz, 60%) OPSK Waveform (200Hz, 80%) OPSK Waveform, 10MHz S4-QAM Waveform, 10MHz 64-QAM Waveform, 10MHz 1EEE 802.11ac WiFI (20 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (40 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (40 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) 1CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. A) 0CDMA2000, RCS, SO23, SCH0, Full Rate 1.TE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe-2,3,4,7,8,9, Subframe Conti-4) WLAN CCDF, 64-QAM, 40 MHz 1EEE 802.11a WiFI 2.4 GHz (DSS, 1 Mbps, 99pc duty cycle) 1EEE 802.11g WiFI 2.4 GHz (DSS, 1 Mbps, 99pc duty cycle) 1EEE 802.11g WiFI 2.4 GHz (DSS-OFDM, 6 Mbps, 99pc duty cycle) 1EEE 802.11g WiFI 2.4 GHz (DSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) 1EEE 802.11g WiFI 2.4 GHz (DSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) 1EEE 802.11g WiFI 2.4 GHz (DSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) 1EEE 802.11n (HT Greenfield, 7.2 Mbps, BFSK) 1EEE 802.11n (HT Greenfield, 43.3</td> <td>Generic Generic Generic Generic Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 UTE-TOD Generic WLAN WLAN WLAN</td> <td>2.22 0.97 5.10 5.22 8.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.14</td> <td>19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6</td>	Pulse Waveform (200Hz, 60%) Pulse Waveform (200Hz, 60%) OPSK Waveform (200Hz, 80%) OPSK Waveform, 10MHz S4-QAM Waveform, 10MHz 64-QAM Waveform, 10MHz 1EEE 802.11ac WiFI (20 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (40 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (40 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) 1CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. A) 0CDMA2000, RCS, SO23, SCH0, Full Rate 1.TE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe-2,3,4,7,8,9, Subframe Conti-4) WLAN CCDF, 64-QAM, 40 MHz 1EEE 802.11a WiFI 2.4 GHz (DSS, 1 Mbps, 99pc duty cycle) 1EEE 802.11g WiFI 2.4 GHz (DSS, 1 Mbps, 99pc duty cycle) 1EEE 802.11g WiFI 2.4 GHz (DSS-OFDM, 6 Mbps, 99pc duty cycle) 1EEE 802.11g WiFI 2.4 GHz (DSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) 1EEE 802.11g WiFI 2.4 GHz (DSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) 1EEE 802.11g WiFI 2.4 GHz (DSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) 1EEE 802.11n (HT Greenfield, 7.2 Mbps, BFSK) 1EEE 802.11n (HT Greenfield, 43.3	Generic Generic Generic Generic Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 CDMA2000 UTE-TOD Generic WLAN WLAN WLAN	2.22 0.97 5.10 5.22 8.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.14	19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6
0366 AAA 0387 AAA 0387 AAA 0387 AAA 0388 AAA 0388 AAA 0398 AAA 0399 AAA 0400 AAE 0400 AAE 0400 AAE 0401 AAE 0402 AAC 0403 AAB 0404 AAB 0405 AAB 0406 AAB 0406 AAB 0404 AAB 0410 AAH 0411 AAA 0411 AAA 04115 AAA 10412 AAC 10422 AAC 10422 AAC 10423 AAC 10424 AAC 10425 AAC 10431 AAE 10432 AAC 10433 AAD 10434 AAB <td>Putse Waveform (200Hz, 80%) QPSK Waveform, 10MHz QPSK Waveform, 10 MHz 64-QAM Waveform, 10 MHz 1EEE 802.11ac WiFI (20 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (40 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) 0 CDMA2000 (1xEV-DO, Rev. 0) 0 CDMA2000 (1xEV-DO, Rev. 0) 1 CDMA2000 (1xEV-DO, Rev. 0) 2 CDMA2000 (1xEV-DO, Rev. 0) 3 CDMA2000 (1xEV-DO, Rev. 0) 4 LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe-2,3,4,7,8,9, Subframe Cont=4) WLAN CODF, 64-QAM, 40 MHz VEEE 802.11g WiFI 2.4 GHz (DSSS, 11Mps, 99pc duty cycle) 1 IEEE 802.11g WiFI 2.4 GHz (DSSS, 11Mps, 99pc duty cycle) 1 IEEE 802.11g WiFI 2.4 GHz (DSSS OFDM, 6 Mbps, 99pc duty cycle, Long preambule) 1 IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) 1 IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) 1 IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) 1 IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)</td> <td>Generic Generic Generic Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 CDMA2000 LTE-TDD Generic WLAN WLAN WLAN</td> <td>0.97 5.10 5.22 8.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 7.82 8.54 1.54 8.23 8.23 8.14</td> <td>19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6</td>	Putse Waveform (200Hz, 80%) QPSK Waveform, 10MHz QPSK Waveform, 10 MHz 64-QAM Waveform, 10 MHz 1EEE 802.11ac WiFI (20 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (40 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) 0 CDMA2000 (1xEV-DO, Rev. 0) 0 CDMA2000 (1xEV-DO, Rev. 0) 1 CDMA2000 (1xEV-DO, Rev. 0) 2 CDMA2000 (1xEV-DO, Rev. 0) 3 CDMA2000 (1xEV-DO, Rev. 0) 4 LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe-2,3,4,7,8,9, Subframe Cont=4) WLAN CODF, 64-QAM, 40 MHz VEEE 802.11g WiFI 2.4 GHz (DSSS, 11Mps, 99pc duty cycle) 1 IEEE 802.11g WiFI 2.4 GHz (DSSS, 11Mps, 99pc duty cycle) 1 IEEE 802.11g WiFI 2.4 GHz (DSSS OFDM, 6 Mbps, 99pc duty cycle, Long preambule) 1 IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) 1 IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) 1 IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) 1 IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	Generic Generic Generic Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 CDMA2000 LTE-TDD Generic WLAN WLAN WLAN	0.97 5.10 5.22 8.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 7.82 8.54 1.54 8.23 8.23 8.14	19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6
0387 AAA 0388 AAA 0388 AAA 0388 AAA 0388 AAA 0388 AAA 0399 AAA 0400 AAE 0400 AAE 0400 AAE 0400 AAE 0400 AAE 0401 AAE 0402 AAE 0404 AAB 0405 AAB 0404 AAB 0405 AAB 0406 AAB 0416 AAA 0415 AAA 10415 AAA 10416 AAA 10417 AAC 10423 AAC 10424 AAC 10425 AAC 10426 AAC 10427 AAC 10431 AAE 10433 AAC 10434 AAB 10435 AAC </td <td>OPSK Waveform, 1 MHz OPSK Waveform, 10 MHz 64-QAM Waveform, 100 KHz 64-QAM Waveform, 100 KHz 64-QAM Waveform, 100 KHz 64-QAM Waveform, 100 KHz 1EEE 802.11ac WiFI (20 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (20 MHz, 64-QAM, 99pc duty cycle) 0.000 (1xEV-DO, Rev. 0) 1.000 (1xEV-DO, Rev. 0) 0.000 (1xEV-DO, Rev. 0) 1.000 (1xEV-DO, Rev. 0) <tr< td=""><td>Generic Generic Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 LTE-TDD Generic WLAN WLAN WLAN WLAN</td><td>5.10 5.22 6.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.28 8.23 8.14</td><td>8.8 19.6 49.6 49.6 49.6 49.6 49.6 49.6 49.6 4</td></tr<></td>	OPSK Waveform, 1 MHz OPSK Waveform, 10 MHz 64-QAM Waveform, 100 KHz 64-QAM Waveform, 100 KHz 64-QAM Waveform, 100 KHz 64-QAM Waveform, 100 KHz 1EEE 802.11ac WiFI (20 MHz, 64-QAM, 99pc duty cycle) 1EEE 802.11ac WiFI (20 MHz, 64-QAM, 99pc duty cycle) 0.000 (1xEV-DO, Rev. 0) 1.000 (1xEV-DO, Rev. 0) 0.000 (1xEV-DO, Rev. 0) 1.000 (1xEV-DO, Rev. 0) <tr< td=""><td>Generic Generic Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 LTE-TDD Generic WLAN WLAN WLAN WLAN</td><td>5.10 5.22 6.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.28 8.23 8.14</td><td>8.8 19.6 49.6 49.6 49.6 49.6 49.6 49.6 49.6 4</td></tr<>	Generic Generic Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 LTE-TDD Generic WLAN WLAN WLAN WLAN	5.10 5.22 6.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.28 8.23 8.14	8.8 19.6 49.6 49.6 49.6 49.6 49.6 49.6 49.6 4
10386 AAA 10386 AAA 10386 AAA 10389 AAA 10399 AAA 10399 AAA 10399 AAA 10400 AAE 10401 AAE 10402 AAE 10403 AAB 10404 AAB 10405 AAB 10406 AAB 10406 AAB 10410 AAH 10411 AAA 10412 AAA 10413 AAA 10418 AAA 10419 AAA 10418 AAA 10423 AAC 10424 AAC 10425 AAC 10426 AAC 10427 AAC 10428 AAC 10431 AAE 10432 AAC 10433 AAD 10434 AAB 10435 </td <td>QPSK Waveform, 10 MHz S4-QAM Waveform, 10 MHz S4-QAM Waveform, 10 0 KHz S4-QAM, Waveform, 10 0 KHz S4-QAM, Waveform, 10 0 KHz S4-QAM, 99pc duty cycle) IEEE 802.11 ac WiFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11 ac WiFI (20 MHz, 64-QAM, 99pc duty cycle) CDMA2000 (1xEV-DO, Rev. 0) IEEE 802.10 (10 KHz, 10 MHz, QPSK, UL Subframe~2,3,4,7,8,9, Subframe Conte-4) WLAN CCDF, 64-QAM, 40 MHz IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 1 Mops, 99pc duty cycle) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSS, 0 FDM</td> <td>Generic Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 LTE-TDD Generic WLAN WLAN WLAN WLAN</td> <td>5.22 6.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.14</td> <td>±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6</td>	QPSK Waveform, 10 MHz S4-QAM Waveform, 10 MHz S4-QAM Waveform, 10 0 KHz S4-QAM, Waveform, 10 0 KHz S4-QAM, Waveform, 10 0 KHz S4-QAM, 99pc duty cycle) IEEE 802.11 ac WiFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11 ac WiFI (20 MHz, 64-QAM, 99pc duty cycle) CDMA2000 (1xEV-DO, Rev. 0) IEEE 802.10 (10 KHz, 10 MHz, QPSK, UL Subframe~2,3,4,7,8,9, Subframe Conte-4) WLAN CCDF, 64-QAM, 40 MHz IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 1 Mops, 99pc duty cycle) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSS, 0 FDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11 (10 WIFI 2.4 GHz (DSS, 0 FDM	Generic Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 LTE-TDD Generic WLAN WLAN WLAN WLAN	5.22 6.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.14	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
0396 AAA 0396 AAA 0399 AAA 0399 AAA 0399 AAA 0399 AAA 0400 AAE 0402 AAE 0402 AAE 0403 AAB 0404 AAB 0406 AAB 0406 AAB 0406 AAB 0406 AAB 0410 AAH 10415 AAA 10416 AAA 10417 AAC 10418 AAA 10423 AAC 10424 AAC 10425 AAC 10426 AAC 10427 AAC 10428 AAC 10431 AAE 10432 AAC 10433 AAD 10434 AAE 10443 AAE 10443 AAE 10443		Generic Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 CDMA2000 LTE-TOD Generic WLAN WLAN WLAN	8.27 8.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.14	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
0399 AAA 0300 AAE 0400 AAE 0401 AAE 0400 AAE 0400 AAE 0401 AAE 0402 AAE 10402 AAB 10403 AAB 10404 AAB 10405 AAB 10404 AAB 10405 AAB 10416 AAA 10415 AAA 10416 AAA 10417 AAC 10418 AAA 10419 AAA 10422 AAC 10423 AAC 10424 AAC 10425 AAC 10426 AAC 10431 AAE 10432 AAC 10433 AAD 10434 AAE 10435 AAC 10443 AAE 10443 AAE 10444	84-QAM Waveform, 40 MHz IEEE 802.11ac WiFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WiFI (40 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WiFI (40 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WiFI (80 MHz, 64-QAM, 99pc duty cycle) CDMA2000 (1xEV-DO, Rev. A) IEEE 802.11ac WiFI (24 GHz, 10 MHz, QPSK, UL Subframe-2,3,4,7,8,9, Subframe Conte-4) WLAN CODF, 64-QAM, 40 MHz IEEE 802.11a WiFI 2.4 GHz (DSSS, 1Mops, 99pc duty cycle) IEEE 802.11a WiFI 2.4 GHz (DSSS, OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (MSS, 1Action 2, 2Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (MSS, 12 Mbps, 95pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, 95pc duty cycle, Short preambule)	Generic WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 CDMA2000 LTE-TDD Generic WLAN WLAN WLAN	6.27 8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.14	18.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6 19
10400 AAE 10401 AAE 10402 AAE 10402 AAE 10402 AAE 10402 AAE 10402 AAE 10403 AAB 10404 AAB 10405 AAB 10404 AAB 10405 AAB 10410 AAH 10415 AAA 10415 AAA 10416 AAA 10417 AAC 10418 AAA 10419 AAA 10422 AAC 10423 AAC 10425 AAC 10425 AAC 10426 AAC 10427 AAC 10433 AAC 10434 AAB 10435 AAC 10436 AAC 10437 AAE 10448 AAE 10448 AAE 10448 </td <td>IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (40 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (40 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (80 MHz, 64-QAM, 99pc duty cycle) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000, RG3, SO32, SCH0, Full Rate LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe-2,3,4,7,8,9, Subframe Cont=4) WLAN CODF, 64-QAM, 40 MHz IEEE 802.11g WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSSS, OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g (HT Greenfield, 7.2 Mbps, DFSK) </td> <td>WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 LTE-TDD Ganeric WLAN WLAN WLAN WLAN</td> <td>8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.14</td> <td>19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6</td>	IEEE 802.11ac WIFI (20 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (40 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (40 MHz, 64-QAM, 99pc duty cycle) IEEE 802.11ac WIFI (80 MHz, 64-QAM, 99pc duty cycle) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000, RG3, SO32, SCH0, Full Rate LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe-2,3,4,7,8,9, Subframe Cont=4) WLAN CODF, 64-QAM, 40 MHz IEEE 802.11g WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSSS, OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g (HT Greenfield, 7.2 Mbps, DFSK)	WLAN WLAN WLAN CDMA2000 CDMA2000 CDMA2000 LTE-TDD Ganeric WLAN WLAN WLAN WLAN	8.37 8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.14	19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6
10401 AAE 10401 AAE 10402 AAE 10402 AAE 10403 AAB 10404 AAB 10405 AAB 10406 AAB 10406 AAB 10410 AAH 10411 AAA 10416 AAA 10417 AAC 10418 AAA 10419 AAA 10423 AAC 10424 AAC 10425 AAC 10426 AAC 10427 AAC 10428 AAC 10429 AAC 10428 AAC 10429 AAC 10423 AAC 10433 AAB 10434 AAB 10435 AAC 10436 AAB 10443 AAB 10444 AAE 10445 AAC 10448 </td <td>IEEE 802.11ac WiFI (40 MHz, 64-QAM, 98pc duty cycle) IEEE 802.11ac WiFI (80 MHz, 64-QAM, 98pc duty cycle) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 4) CDMA2000, RC3, SO32, SCH0, Full Rate I.TE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe~2,3,4,7,8,9, Subframe Conte-4) WLAN CCDF, 64-QAM, 40 MHz IEEE 802.11g WiFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Long preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Short preambule)</td> <td>WLAN WLAN CDMA2000 CDMA2000 CDMA2000 LTE-TDD Generic WLAN WLAN WLAN WLAN</td> <td>8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.14</td> <td>19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6</td>	IEEE 802.11ac WiFI (40 MHz, 64-QAM, 98pc duty cycle) IEEE 802.11ac WiFI (80 MHz, 64-QAM, 98pc duty cycle) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 4) CDMA2000, RC3, SO32, SCH0, Full Rate I.TE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe~2,3,4,7,8,9, Subframe Conte-4) WLAN CCDF, 64-QAM, 40 MHz IEEE 802.11g WiFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Long preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS, 0FDM, 6 Mbps, 98pc duty cycle, Short preambule)	WLAN WLAN CDMA2000 CDMA2000 CDMA2000 LTE-TDD Generic WLAN WLAN WLAN WLAN	8.60 8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.14	19.6 19.6 19.6 19.6 19.6 19.6 19.6 19.6
10402 AAE 10402 AAE 10403 AAB 10404 AAB 10404 AAB 10404 AAB 10405 AAB 10406 AAB 10407 AAB 10410 AAH 10411 AAA 10415 AAA 10416 AAA 10417 AAC 10418 AAA 10423 AAC 10424 AAC 10425 AAC 10428 AAC 10423 AAC 10424 AAC 10425 AAC 10427 AAC 10428 AAC 10423 AAC 10433 AAB 10433 AAB 10434 AAB 10443 AAB 10444 AAB 10445 AAC 10448 AAB 10445 </td <td>IEEE 802.11ac WIFI (80 MHz, 64-QAM, 98pc duty cycle) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000, RC3, SO32, SCH0, Full Rate LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Cont=4) WLAN CCDF, 64-QAM, 40 MHz IEEE 802.11a WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11a WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11a WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle) IEEE 802.11a WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Long preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule)</td> <td>WLAN CDMA2000 CDMA2000 CDMA2000 LTE-TDD Generic WLAN WLAN WLAN WLAN</td> <td>8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.14</td> <td>+9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±</td>	IEEE 802.11ac WIFI (80 MHz, 64-QAM, 98pc duty cycle) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. 0) CDMA2000, RC3, SO32, SCH0, Full Rate LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Cont=4) WLAN CCDF, 64-QAM, 40 MHz IEEE 802.11a WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11a WIFI 2.4 GHz (DSSS, 1 Mbps, 98pc duty cycle) IEEE 802.11a WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle) IEEE 802.11a WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Long preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS, 0 FDM, 6 Mbps, 98pc duty cycle, Short preambule)	WLAN CDMA2000 CDMA2000 CDMA2000 LTE-TDD Generic WLAN WLAN WLAN WLAN	8.53 3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.14	+9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±
0403 AAB 0403 AAB 0404 AAB 10414 AAA 10415 AAA 10416 AAA 10417 AAC 10418 AAA 10422 AAC 10423 AAC 10424 AAC 10425 AAC 10426 AAC 10427 AAC 10428 AAC 10429 AAC 10431 AAE 10432 AAD 10433 AAB 10434 AAB 10435 AAG 10443 AAE 10443 AAE 10443 AAE 10445 AAD	CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 (1xEV-DO, Rev. A) CDMA2000, RC3, SO32, SCH0, Full Rate LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conl=4) ULTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conl=4) UEEE 802.116 WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) EEE 802.111 WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) EEE 802.111 WIFI 2.4 GHz (DSSS, OFDM, 6 Mbps, 99pc duty cycle, Long preambule) EEE 802.111 WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) EEE 802.111 WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) EEE 802.111 (HT Greenfield, 7.2 Mbps, BPSK) EEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	CDMA2000 CDMA2000 CDMA2000 LTE-TDD Generic WLAN WLAN WLAN WLAN	3.76 3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.23 8.14	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10404 AAB 10404 AAB 10406 AAB 10410 AAH 10410 AAH 10411 AAA 10415 AAA 10416 AAA 10417 AAC 10418 AAA 10419 AAA 10419 AAA 10419 AAA 10423 AAC 10424 AAC 10425 AAC 10426 AAC 10427 AAC 10428 AAC 10429 AAC 10421 AAC 10433 AAC 10434 AAB 10435 AAC 10436 AAC 10437 AAB 10438 AAB 10448 AAB 10448 AAB 10449 AAB 10449 AAD	CDMA2000 (1xEV-DO, Rev. A) CDMA2000 (1xEV-DO, Rev. A) CDMA2000, RCG3, SO32, SCH0, Full Rate CDMA2000, RCG3, SO32, SCH0, Full Rate LTE-TDD (SC-F0MA, 1 RB, 10 MHz, QPSK, UL Subframe-2,3,4,7,8,9, Subframe Conte-4) WLAN CCDF, 64-QAM, 40 MHz EEE 802.110 WFI 2.4 GHz (DSS, 1 Mbps, 99pc duty cycle) EEE 802.110 WFI 2.4 GHz (DSS, 1 Mbps, 99pc duty cycle) EEE 802.110 WFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) EEE 802.111g WFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) EEE 802.111g WFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) EEE 802.111 (HT Greenfield, 7.2 Mbps, BPSK) EEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	CDMA2000 CDMA2000 LTE-TDD Generic WLAN WLAN WLAN WLAN	3.77 5.22 7.82 8.54 1.54 8.23 8.23 8.23 8.14	196 198 198 198 198 198 198 198 198
10406 AAB 10410 AAH 10411 AAA 10414 AAA 10415 AAA 10416 AAA 10417 AAC 10418 AAA 10417 AAC 10418 AAA 10419 AAA 10422 AAC 10423 AAC 10425 AAC 10427 AAC 10428 AAC 10429 AAC 10424 AAC 10425 AAC 10426 AAC 10427 AAC 10428 AAC 10429 AAC 10430 AAS 10431 AAB 10432 AAD 10433 AAB 10435 AAC 10448 AAB 10448 AAB 10449 AAD 10445 AAC	CDMA2000, RC3, SO32, SCH0, Full Rate CDMA2000, RC3, SO32, SCH0, Full Rate LTE-TDD (SC-FDMA, 1 RB, 10 MHz; QPSK, UL Subframe~2,3,4,7,8,9, Subframe Cont+4) WLAN CCDF, 64-QAM, 40 MHz HEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) HEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) HEEE 802.11b WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle) HEEE 802.11b WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) HEEE 802.11b WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) HEEE 802.11b (WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) HEEE 802.11b (WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) HEEE 802.11b (WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) HEEE 802.11b (HT Greenfield, 7.2 Mbps, 16-QAM)	CDMA2000 LTE-TDD Generic WLAN WLAN WLAN WLAN	5.22 7.82 8.54 1.54 8.23 8.23 8.23 8.14	±9.6 ±9.5 ±9.5 ±9.5 ±9.5 ±9.5 ±9.8
10410 AAH 10410 AAH 10414 AAA 10415 AAA 10416 AAA 10416 AAA 10417 AAC 10418 AAA 10419 AAA 10418 AAA 10419 AAA 10422 AAC 10424 AAC 10425 AAC 10428 AAC 10429 AAC 10423 AAC 10430 AAE 10431 AAE 10432 AAC 10433 AAD 10434 AAE 10435 AAC 10436 AAB 10437 AAE 10448 AAE 10449 AAE 10445 AAD 10445 AAD	I.TE-TDD (SC-FDMA, 1 RB, 10 MHz; QPSK, UL Subframe-2,3,4,7,8,9, Subframe Cont-4) WLAN CCDF, 64-QAM, 40 MHz IEEE 802.116 WIFI 2.4 GHz (DSS5, 1 Mbps, 96pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSS5, 1 Mbps, 96pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSS5, 0 FDM, 6 Mbps, 96pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSS5,0 FDM, 6 Mbps, 96pc duty cycle, Long preambule) IEEE 802.11g WIFI 2.4 GHz (DSS5,0 FDM, 6 Mbps, 96pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSS5,0 FDM, 6 Mbps, 96pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSS5,0 FDM, 6 Mbps, 96pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSS5,0 FDM, 6 Mbps, 96pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSS5,0 FDM, 6 Mbps, 96pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSS5,0 FDM, 6 Mbps, 96pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (DSS5,0 FDM, 6 Mbps, 96pc duty cycle, Short preambule)	LTE-TDD Generic WLAN WLAN WLAN WLAN	7.82 8.54 1.54 8.23 8.23 8.14	19.5 19.5 19.5 19.5 19.5 19.5 19.8
10414 AAA 10415 AAA 10415 AAA 10416 AAA 10417 AAC 10418 AAA 10419 AAA 10418 AAA 10419 AAA 10422 AAC 10424 AAC 10425 AAC 10426 AAC 10427 AAC 10428 AAC 10423 AAC 10432 AAC 10433 AAE 10434 AAE 10435 AAC 10436 AAC 10437 AAE 10438 AAE 10448 AAE 10449 AAE 10449 AAE 10445 AAC	WLAN CCDF, 64-QAM, 40 MHz IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mops, 96pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mops, 99pc duty cycle) IEEE 802.11a/h WIFI 5 GHz (DFDM, 6 Mops, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mops, 99pc duty cycle, Long preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mops, 99pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (Mathematical Structure) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mops, 99pc duty cycle, Short preambule) IEEE 802.11g WIFI 2.4 GHz (Mathematical Structure)	Generic WLAN WLAN WLAN WLAN	8.54 1.54 8.23 8.23 8.14	19.8 19.6 19.5 19.5 19.5 19.6
10415 AAA 10415 AAA 10416 AAA 10417 AAC 10418 AAA 10419 AAA 10419 AAA 10419 AAA 10422 AAC 10423 AAC 10424 AAC 10425 AAC 10426 AAC 10427 AAC 10428 AAC 10429 AAC 10431 AAE 10433 AAC 10434 AAB 10435 AAC 10436 AAC 10438 AAC 10448 AAB 10448 AAE 10449 AAE 10449 AAC 10449 AAC 10449 AAE	IEEE 802.116 WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/t WIFI 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 98pc duty cycle, Long preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BFSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN WLAN WLAN WLAN	1.54 8.23 8.23 8.14	±9.6 ±9.5 ±9.5 ±9.8
10416 AAA 10416 AAA 10417 AAC 10418 AAA 10419 AAA 10422 AAC 10423 AAC 10424 AAC 10425 AAC 10426 AAC 10427 AAC 10428 AAC 10429 AAC 10427 AAC 10428 AAC 10427 AAC 10428 AAC 10427 AAC 10428 AAC 10430 AAS 10431 AAE 10432 AAD 10433 AAD 10435 AAC 10435 AAC 10443 AAE 10448 AAE 10449 AAD 10445 AAC	IEEE 802.11g WiFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/t WiFI 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, DFSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN WLAN WLAN	8.23 8.23 8.14	±9.6 ±9.6 ±9.8
10417 AAC 10418 AAA 10418 AAA 10418 AAA 10418 AAA 10418 AAA 10419 AAA 10422 AAC 10423 AAC 10424 AAC 10425 AAC 10426 AAC 10427 AAC 10428 AAC 10427 AAC 10430 AAE 10431 AAE 10432 AAC 10433 AAE 10434 AAB 10435 AAG 10436 AAB 10437 AAE 10448 AAE 10449 AAE 10449 AAE 104450 AAC	IEEE 802.11a/h WIF15 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WIF12.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WIF12.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, 19FSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-GAM)	WLAN WLAN	8.23 8.14	±9.6 ±9.8
10418 AAA 10418 AAA 10419 AAA 10421 AAC 10422 AAC 10424 AAC 10425 AAC 10426 AAC 10427 AAC 10428 AAC 10429 AAC 10427 AAC 10428 AAC 10427 AAC 10432 AAC 10433 AAE 10434 AAB 10435 AAC 10436 AAC 10448 AAE 10449 AAE 10449 AAD 10449 AAD 10449 AAD	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.14	±9.8
10419 AAA 10423 AAC 10423 AAC 10424 AAC 10425 AAC 10426 AAC 10427 AAC 10428 AAC 10424 AAC 10425 AAC 10427 AAC 10431 AAE 10433 AAD 10433 AAD 10434 AAB 10435 AAC 10436 AAB 10443 AAB 10443 AAB 10443 AAB 10445 AAC	IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 98pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-GAM)	and a local distance of the second		
10422 AAC 10423 AAC 10424 AAC 10425 AAC 10425 AAC 10427 AAC 10430 AAS 10430 AAS 10431 AAC 10433 AAD 10433 AAD 10433 AAD 10433 AAD 10434 AAS 10448 AAS	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.19	
19423 AAC 19424 AAC 19424 AAC 19425 AAC 19426 AAC 19428 AAC 19430 AAE 19430 AAE 19433 AAD 19433 AAD 19433 AAD 19433 AAD 19435 AAC 19449 AAE	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)			±9.6
10424 AAC 10425 AAC 10425 AAC 10426 AAC 10427 AAC 10430 AAE 10431 AAE 10431 AAE 10433 AAD 10431 AAB 10435 AAC 10448 AAE 10449 AAC		WLAN	8.32	±9.6
10425 AAC 10426 AAC 10427 AAC 10427 AAC 10431 AAE 10431 AAE 10433 AAD 10433 AAD 10433 AAD 10434 AAB 10436 AAC 10448 AAE	I DEFE ADD 44 - ATT Concepted 20 Allters 24 Adds	WLAN	8.47	±9.6
10428 AAC 10427 AAC 10430 AAE 10431 AAE 10431 AAE 10432 AAD 10433 AAD 10433 AAD 10434 AAB 10434 AAB 10436 AAC 10448 AAE		WLAN	8.40	±9.6
10427 AAC 10430 AAE 10431 AAE 10431 AAE 10431 AAE 10433 AAD 10433 AAD 10436 AAG 10446 AAE 10448 AAE 10449 AAD		WLAN	8.41	±9,6
10430 AAE 10431 AAE 10431 AAE 10432 AAD 10433 AAD 10433 AAD 10435 AAG 10447 AAE 10448 AAE 10449 AAD	and the second	WLAN	8.45	±9.6
10.431 AAE 10.432 AAD 10.433 AAD 10.433 AAD 10.434 AAB 10.435 AAG 10.447 AAE 10.448 AAE 10.448 AAD 10.449 AAD		WLAN	8.41	±9.6
10432 AAD 10433 AAD 10434 AAB 10436 AAG 10447 AAE 10448 AAE 10449 AAD 10450 AAD		LTE-FDD	8.28	\$9.6
10433 AAD 10434 AAB 10435 AAG 10447 AAE 10448 AAE 10449 AAD 10450 AAD		LTE-FOD	8.38	±9.6
10434 AAB 10435 AAG 10447 AAE 10448 AAE 10449 AAD 10450 AAD	and the set of the CS of the CA is the CA is the case of the CA is	LTE-FOD	8.34	±9.8
10.435 AAG 10.447 AAE 10.448 AAE 10.449 AAD 10.450 AAD		LTE-FDD	8.34	±9.6
10.447 AAE 10.448 AAE 10.449 AAD 10.450 AAD		WCDMA	8.60	±9.6
10448 AAE 10449 AAD 10450 AAD		LTE-TDD	7.82	±9.6
10469 AAD 10450 AAD		LTE-FDD	7.56	±9.6
10450 AAD		LTE-FDD	7.53	±9.6
terror and the second second second		LTE-FDD	7.51	±9.6
		LTE-FDD	7.48	±9.6
10451 AAB		WCDMA	7.59	±9.8
10453 AAE		Test	10.00	±9.6
states and records of the Line of	and the second se	WLAN	8.63	±9.6
10457 AAB 10458 AAA		WCDMA	6.62	±9.5
10458 AAA		CDMA2000	6.55	±9,6
10459 AAB		CDMA2000 WCDMA	8.25	±9.6
0460 AAB		Comp California		±9.6
the second se	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
0463 AAC		LTE-TOD	8.30	±9.6
10464 AAD		LTE-TOD	8.56	±9.6
10465 AAD		LTE-TOD	7.82	±9.6
10466 AAD		LTE-TOD	8.32	±9.6
10457 AAG	ILTE-TOD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	and the second s	8.57	19.6
0468 AAG	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10469 AAO	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	ITE TOD	8.32	±9.6
10400 AAG	ITE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) ITE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) ITE-TDD (SC-FDMA, 1 RB, 5 MHz, 0PSK, UL Subframe=2,3,4,7,8,9) ITE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD		±9.6
10471 AAG	ULTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) ULTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, OPSK, UL Subframe=2,3,4,7,8,9) T.TE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD LTE-TOD LTE-TOD	8.66	±9.8

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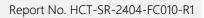


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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k ≈
10472	AAG	LTE-TDD (SC-FDMA, 1 R8, 10 MHz, 64-DAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
0473	AAF	LTE-TDD (SC-FDMA, 1 R8, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2.3.4,7.8.9)	LTE-TDD	8.32	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10.480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 15-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.18	=9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-GAM, UL Subframe=2.3,4,7,8,9)	LTE-TOD	8.45	±9.6
10.482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.71	±9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 15 QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TOD	8.47	±9.6
10.485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16 QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
10.487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.60	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.70	
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD		29.6
10.490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subirame=2,3,4,7,8,9)		8.31	±9.6
0491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10492	AAF	LTE-T0D (SC-FDMA, 50% HB, 15 MHZ, CPSK, UL Subframe=2,3,4,7,8,9) LTE-T0D (SC-FDMA, 50% RB, 15 MHZ, 18-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
0.493	AAF		LTE-TDD	8.41	±9.6
and the same in	AAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
0.494	and the second sec	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, GPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
0.495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16 QAM, UL Subtrame=2.3.4.7,8,9)	LTE-TOD	8.37	±9,8
0.496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
0497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
0.498	AAC	LTE-TOD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	±9.6
0499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	85.8	±9.6
10,500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, GPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10:501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.44	±9.6
10.502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	±9.6
0.500	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2.3.4,7.8.9)	LTE-TDD	8.31	±9.6
10505	BAA	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.54	±9.6
10506	AAG	LTE-TOD (SC-FDMA, 100% R8, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10507	AAG	LTE-TOD (SC-FOMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	±9.6
10.508	BAA	LTE-TOD (SC-FDMA, 100% R8, 10 MHz, 64-QAM, UL Subframe=2.3.4,7.8.9)	LTE-TDD	8.55	±9.6
10509	AAF	LTE-TOD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Subframe=2.3,4,7,8,9)	LTE-TDD	7.99	19.6
10510	AAF	LTE-TDD (SC-FDMA, 100% R8, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±0.6
10512	AAG	LTE-TOD (SC-FDMA, 100% HB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 18-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	
10514	AAG	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	11.001.000	±9.6
0515	AAA	IEEE 802.116 WIFI 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	8.45	#9.6
0516	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	- COST2 12.2	1.58	±9.6
0517	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1,57	±9.6
10518	AAC		WLAN	1.58	±9.6
10519	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
0520	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9,6
0521	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.5
a part of loss of the	and the second se	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 96pc duty cycle)	WLAN.	7.97	±9.6
0522	AAC	IEEE 802.11a/h WIFI 5 GHz (DFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
0523	AAC	IEEE 802.11 a/h WIFI 5 GHz (OFDM, 48 Mops, 99pc duty cycle)	WLAN	8.08	±9.6
0.524	AAC	IEEE 802.11 a/h WIFI 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	-8.27	19.6
0525	AAC	IEEE 802.11ac WIFI (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
0526	AAC	IEEE 802.11ap WIFI (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
0527	AAC	IEEE 802.11ac WIFI (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
0528	AAG	IEEE 802.11ac WiFi (20 MHz, MCS3, 98pc duty cycle)	WLAN	8.36	29.6
0529	AAC	IEEE 802.11ac WIFI (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	19.6
0531	AAC	IEEE 802.11ac WiFI (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.43	±9.6
0532	AAC	IEEE 802.11ac WIFI (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
0533	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
0.534	AAC	IEEE 802.11ac WiFI (40 MHz, MC50, 99pc duty cycle)	WLAN	8.45	±8.6
0535	AAC	IEEE 802.11ac WIFI (40 MHz, MCS1, 99oc duty cycle)	WLAN	8.45	19.6
0536	AAC	IEEE 602.11ac WIFI (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	
0537	AAG	IEEE 802.11ac WIFI (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.44	£9.6
0538	AAC	IEEE 802.1 fac WIFI (40 MHz, MCS4, 99pc duty cycle)	WLAN		±9.6
0540	AAC	IEEE 802.11ac WIFI (40 MHz, MCS6, 99pc duty cycle)		8.54	土泉市
		and the set in the set of the set of the set	WLAN	8.39	±9.6

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0541	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
0542	AAC	IEEE 802.11ac WIFI (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
0543	AAC	IEEE 802,11ac WIFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
0544	AAC	IEEE 802.11ac WiFI (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
0545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
0546	AAC	IEEE 802.11ac WiFI (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.0
0547	AAC	IEEE 802.11ac WIFI (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	19.6
0548	AAC	IEEE 802 11ac WIFI (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
0550	AAC	IEEE 802 11ac WIFI (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
0551	AAC	IEEE 802 11ac WIFI (80 MHz, MCS7, 99pc duty cycle)	WLAN	8:50	+9.6
0552	AAC	IEEE 802.11ac WIFI (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
0553	AAC	IEEE 802 11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
0554	AAD	IEEE 802.11ac WIFI (160 MHz; MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
0555	AAD	IEEE 802.11ac WIFI (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
0556	AAD	IEEE 802.11ac WIFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±8.6
0557	AAD	IEEE 802.11ac WFI (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	19.6
0.558	AAD	IEEE 802.11ac WFI (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
0.560	AAD	IEEE 802.11ac WIFI (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
0.561	AAD	IEEE 802.11ac WIFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	19.6
0.562	AAD	IEEE 802.11ac WFI (160 MHz, MCSR, 99pc duty cycle)	WLAN		the second se
0563	AAD	IEEE 802.11ac WFI (160 MHz, MCS8, 86pc duty cycle)	WLAN	8.69	±9.6 ±9.5
0564	AAA	IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
0.565	AAA	IEEE 802.11g WIF12.4 GHz (DSSS-OFDM, 5 Webbs, slipe duty cycle)	WLAN	8.45	±9.6
0566	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFOM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	
0567	AAA		and the second sec		±9.6
	AAA	EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
0568	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
	AAA		WLAN	8.10	\$9.6
0570		IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
0571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
0572	AAA	IEEE 802.11b WiFI 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
0573	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
0.574	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9,6
0575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
0576	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	主9.6
0577	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
0578	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	19.6
0579	AAA	IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.38	±9.6
0580	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
0581	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
0582	AAA	TEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 98pc duty cycle)	WLAN	8.67	主9.6
0583	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.0
0584	AAC	IEEE 802.11a/h WFI 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
0585	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
0586	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
0587	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
0.588	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
0589	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
0.590	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.5
0591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	19.6
0.592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
0.593	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
0594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
0 595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
0.596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.5
0.597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.5
0598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
0.599	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
0.600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	19.6
0601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	19.6
0.602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
0.603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	19.6
0.604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	195
0.605	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
0.606	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WEAN	8.82	19.5
0.607	AAC	IEEE 802.11ac W/FI (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	19.6
0.608	AAC	IEEE 802.11ac WFI (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	-
		and the state of a state of a state and all and	39.000	0.00	±9.5

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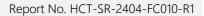


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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k =
0609	AAG	IEIEE 802.11ac WIFI (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
0610	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	::9.6
0611	AAC	IEEE 802.11ac WIFI (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
0612	AAC	IEEE 802 11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
0613	AAC	IEEE 802 11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	29.6
0614	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN		
		 Motoretry interview of the statement and a statement of the stat statement of the statement of		8.59	19.6
0615	AAG	IEEE 802.11ac WiFi (20 MHz, MC58, 90pc duty cycle)	WLAN	8.82	±9.6
0616	AAC	IEEE 802 11ac WIFI (40 MHz, MCS0, 90pc duty cycle)	WLAN	8,82	±9.6
0617	AAC	IEEE 802.11ac WIFI (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
0618	AAC	IEEE 802.11ac WIFI (40 MHz, MCS2, 90pc duty cycle)	WLAN	8,58	±9.6
0619	AAC	IEEE 802.11mc WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10620	AAC	IEEE 802.11ac WIFI (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
0621	AAC	IEEE 802.11ac WIFI (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WILAN	8.68	±9.6
0623	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAC	IEEE 802.11ac WIFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAC	IEEE 802.11ac WIFi (40 MHz, MCS9, 90pc duty cycle)	WEAN	8.96	19.6
10626	AAC	IEEE 802.11ac WFI (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAC	IEEE 802.11ac WIFI (80 MHz, MCS1, 90pc duty cycle)	WEAN	8.88	±9.6
10628	AAC	IEEE 802.11ac WFI (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	19.6
0629	AAC	IEEE 802.11ac WFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WFI (80 MHz, MC33, supe duty cycle)	WEAN		
	AAC		who repetitions	8.72	±9.6
10-631		IEEE 802.11ac WFI (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.8
10632	AAC	IEEE 802.11 ac WIFI (80 MHz, MCS6, 90pc duty cycle)	WLAN	8,74	±9.6
10633	AAC	IEEE 802.11ac WIFI (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAC	IEEE 802.11ac WIFI (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	19.8
10635	AAC	IEEE 802.11 ac WIFI (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.0
10636	AAD.	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10637	AAD.	IEEE 802.11ac WIFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	19.8
10638	AAD	IEEE 802.11ac W/FI (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10639	AAD	IEEE 802.11ac WIFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
18640	AAD	IEEE 802.11ac WFI (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	£9.6
10641	GAA	IEEE 802.11ac WIFI (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.6
10642	AAD	IEEE 802.11ac WIFI (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6
10643	AAD	IEEE 802.11ac WIFI (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	19.6
10844	AAD	IEEE 802.11ac WIFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	19.6
10645	AAD	IEEE 802.11ac WFI (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.11	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.5
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subkame=2,7)	LTE-TDD	and the second se	and the second se
10648	AAA	CDMA2000 (1x Advanced)		11.96	±9.6
			CDMA2000	3.45	±9.6
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	6.91	±9.5
10653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10:654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10:655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	19.8
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
10670	AAA,	Bluetoath Law Energy	Bluetooth	2.19	±9.6
10671	AAC	IEEE 802.11ax (20 MHz, MC50, 90pc duty cycle)	WLAN	9.09	±9.6
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
10673	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	19.6
10674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	19.6
10675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	19.6
10676	AAC	IEEE 802.11ax (20 MHz, MCSS, 90pc duty cycle)			-
10677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.77	±9.6
	AAC		WEAN	8.73	19.6
10678		IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.0
10679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duly cycle)	WLAN	8.89	±9.6
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.6
10683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
10684	1.11.114				
	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k =
0687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
8880	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	19.6
0689	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.55	±9.6
0680	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
0691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
0692	AAC	IEEE 802 11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	19.6
0683	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	+9.6
0694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 80pc duty cycle)	WLAN	8.78	19.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.91	19.0
0697	AAC	IEEE 802 11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	
0698	AAC	IEEE 802.11ax (40 MHz, MC32, 90pc duty cycle)	WLAN	8.80	19.6
0.000	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	3.8± ±9.6
0700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	and the second se
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	120.000	19.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)		8.86	±9.6
0702	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.70	±9.6
and the second	AAC	the course of a first standard and a second and a second standard and the second standard standard standard standards	WLAN	8.82	19.6
10704		IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
0705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
0706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	19.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WILAN .	8.48	19.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WILAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WILAN	8.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11mx (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	19.6
10734	AAC	IEEE 802.11ax (60 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	=9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
10736	AAC	IEEE 802 11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 89pc duty cycle)	WLAN	8.35	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	and the second se
10740	AAC	IEEE 802 11ex (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6 ±9.6
10741	AAC	IEEE 802 11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	100 001		
0743		IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	6.43	19.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.94	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	1001001	9.16	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8,93	±9.6
10740	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WEAN	9.11	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.04	±9.6
10748	AAC		WLAN	8.93	±9.6
		IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
0750	AAC	IEEE 802.11ax (180 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
0751	AAG	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
0752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6

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10753	AAC	IEEE 802.11ex (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.8
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
10756	AAG	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	19.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ex (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	the second s
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	and have been as the second	±9.6
10760	AAC	IEEE 902.11ax (160 MHz, MCS5, 99pc duty cycle)		8.58	±9.6
0761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.49	3.9.£
10762	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.58	±9.6
0763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	B.49	±9.6
0764	AAC		WLAN	8.53	±9.6
0765	AAC	IEEE 802.11ax (160 MHz, MCS9, 9Bpc duty cycle)	WEAN	8.64	±9.6
0766	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	士祭房
		IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
0767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
0768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDO	8.01	±9.6
0.769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
0770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	:+9.6
0771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	53 NR FR1 TDD	8.02	±9.6
0772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
0773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDO	8.03	±9.6
0774	AAD.	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	19.6
0775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDO	8.31	±9.6
0776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
0777	AAC	5G NR (CP-OFOM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	29.6
0778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
0779	AAC	5G NR (CP-OFDM, 50% R8, 25 MHz, QPSK, 15kHz)	SG NR FRI TDD	8.42	
0780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, OPSK, 15kHz)	5G NR FR1 TDD	in the second	±9.6
0781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)		8.38	±9.6
0782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
0783	AAE	SG NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.43	±9.6
0784	AAD		5G NR FR1 TDD	8.31	±9.6
Constraint and	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
0785		SG NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
0786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.35	19.6±
0787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6
0788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, GPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
0789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
0790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
0791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FRI TDD	7.83	±9.6
0792	GAA	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±9.6
0793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
0794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
0795	DAA	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
0.796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
0797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, GPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
0798	AAD	50 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FRI TOD	7.89	
0799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
0801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FRI TDD	the second second	±9.6
0802	AAD	5G NR (CP-OFDM, 1 R8, 90 MHz, QPSK, 30 kHz)		7.89	±9.6
0.903	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
0805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	19.8
0805	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.34	±9.6
0809	AAD		5G NR FR1 TDD	8.37	±9.6
	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	B.34	±9.6
0810		5G NR (CP-OFDM, 50% RB, 40 MHz, GPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0812	CAA	5G NR (CP-OFDM, 50% R8, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
0817		5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.35	±9.6
2818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
9180	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6
0820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.30	±9.6
2821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
0822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.41	±9.6
0823	AAD	SG NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.36	±9.5
0824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
0.825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FRI TDD	8.41	
					±9.6
0827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6

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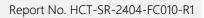


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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k =
10829	AAD	5G NR (CP-OFDM, 100% R8, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, OPSK, 60 kHz)	5G NR FRI TDD	7.63	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.73	±9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, GPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.8
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10838	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, CPSK, 60 kHz)	SG NR FR1 TDD	7.66	±9.6
10.837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	#9.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.67	±9.6
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 603Hz)	5G NR FR1 TDD	7.71	±9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	19.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, OPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10845	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	6.41	+9.6
0854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, CPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	6.36	±9.6
0856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	50 NR FR1 TDD	8.37	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	1.0.6
0.858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FRI TOD	8.35	±9.6
10.859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	the second se
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6 ±9.6
10881	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
0.863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FRI TDD	B.41	
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD		±9.6
10866	AAD	5G NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FRI TDD	8.41	±9.6
10858	AAD	5G NR (DFTOFDM, 100% RB, 100 MHz, OPSK, 30 kHz)		and the set of the set	±9.6
10869	AAE	5G NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR1 TDD	5.89	±9.6
10870	AAE	5G NR (DFT=OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10871	AAE	5G NR (DFT= OFDM, 1 RB, 100 MHz, 16QAM, 120 KHz)	SG NR FR2 TOD	5.86	±9.6
10872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 KHz)	5G NR FR2 TDD	6.52	±9.6
10874	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, OPSK, 120 kHz)	5G NR FR2 TDO	B.65	±9.6
10876	AAE	5G NR (CP-OFDM, 100% R8, 100 MHz, CP3K, 120 kHz)	SG NR FR2 TDD	7.78	±9.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 18QAM, 120 kHz)	5G NR FR2 TD0	8.39	±9.6
10878	AAE	5G NR (CP-OFDM, 100% R8, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 54QAM, 120 kHz)	5G NR FR2 TDO	8,41	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8,12	±9.6
10881	AAE	SG NR (DFT+0-OFDM, 100% HS, 100%HZ, 040AM, 120 kHz)	5G NR FR2 TDD	8.38	19.6
10882	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDO	5.75	±9.6
10883	AAE	5G NR (OFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
10884	AAE		5G NR FR2 TDD	6.57	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
and the second	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	5.61	±9.6
0886	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6,65	±9.6
0.888	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
0889	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, OPSK, 120 kHz)	5G NR FR2 TDD	8.35	±9.6
they would be here it as	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
0890	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	50 NR FR2 TDD	8.40	±9.6
0892	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 KHz)	5G NR FR2 TDD	8,13	±9.6
0.897	and the second s	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9,6
0.898	AAC	5G NR (DFT-s-OFDM, 1 R8, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	上印语
0.698	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
the second second	and the second	5G NR (DFT= OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.67	±9.6
0900	AAB	5G NR (DFT-a-OFDM, 1 RB, 20 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	5.68	19.6
0901	BAA	SG NR (DFT+-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
2000	BAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
0903	AAB	5G NR (DFT-s-OFOM, 1 RB, 40 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	6.68	±9.6
0904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
0905	AAB	5G NR (DFTs-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	6G NR FR1 TDD	5.68	±9.6
0906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
0907	AAC	5G NR (DFFs-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	19.6
8960	AAB	5G NR (DFTs-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9:6
0909	AAB	5G NR (DFT's OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	+9.6
0910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

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10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, OPSK, 30 kHz)	5G NR FR1 TOD	5.93	±9.6
10912	AAB	5G NR (DFTs-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.84	±9.6
10913	AAB	5G NR (DFTs-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.5
10914	AAB	5G NR (DFTs-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.8
0915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10918	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	19.8
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAC	5G NR (DFT-a-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	19.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10921	AAB	5G NR (DFT-a-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10922	AAB	5G NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.82	±9.6
10923	AAB	5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
0924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5.84	±9.6
0.925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	19.6
0926	AAB	5G NR (DFT s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.84	±9.6
0927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	
	AAC			and the local sector sector	19.6
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.6
An an an an inclusion in	a contractor and a second	5G NR (DFTs-OFDM, 1 R8, 10MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.6
0930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.6
10931	AAC	5G NR (DFTs-OFDM, 1 RB, 20MHz, QPSK, 15KHz)	5G NR FR1 FDD	5.51	±9.6
10932	AAG	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	29.6
10934	AAG	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
0936	AAG	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10937	AAG	5G NR (DFT-8-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6
0938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	::9.6
0939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.82	±9.6
0940	AAC	5G NR (DFT-8-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	19.6
0941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10942	AAC	5G NR (DFT-s-OFDM, 50% R8, 40 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.85	±9.6
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.95	±9.6
10944	AAC	56 NR (DFT-s-OFDM, 100% R8, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10946	AAC	5G NR (DFT-9-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±0.6
10947	AAC	5G NR (DFT-s-OFDM, 100% R8, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5,87	±9.6
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	2,9.6
0.950	AAC	5G NR (DFT-8-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±0.6
10951	AAD	5G NR (DFT-e-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±9.6
0952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.25	±9.6
0963	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6
0954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	±9.6
0.955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	±9.6
0966	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	±9.6
0957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	±9.6
0.958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	29.6
0959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6
0960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6
0961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	±9.6
0962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	9.40	±9.6
0963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
0.964	AAG	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	9.29	±9.6
0.965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-DAM, 30 kHz)	SG NR FR1 TDD	9.37	±9.6
0966		5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NB FR1 TDD	9.55	10.0
0967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TOD	9.42	±9.6 ±9.6
0.968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6
0972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	
0973	AAB	5G NR (DFT+-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
0974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)		9.06	±9.6
0978	AAA	ULLA BDR	SG NR FR1 TDD ULLA	10.28	±9.8
	AAA	ULLA HDR4		1.16	±9.6
0979	and the second se		ULLA	8.58	±9.6
0.980	AAA	ULLA HDRs	ULLA	10.32	19.6
0.981	AAA	ULLA HDRp4	ULLA	3.19	±9.6
0.985	AAA	ULLA HDRp8	ULLA	3.43	±9.6

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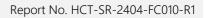
July 18, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 1
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9,31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 38 kHz)	5G NR FR1 TDD	9.54	19.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	19.8
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.8
10.989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TOD	10.24	19.6
11004	AAA	53 NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TOD	10.73	±9.8
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NB FR1 FDD	8.70	19.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.46	±9,6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±9.6
11013	AAA	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAA	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11.016	AAA	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8,44	£9.6
11017	AAA	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAA	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAA	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAA	IEEE 802 11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAA	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN.	8.46	±9.6
11022	AAA	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAA	IEEE 802.11be (329 MHz, MCS11, 99pc duty cycle)	WLAN.	8.09	19.6
11024	AAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WEAN	8.37	±9.6
11028	AAA	IEEE 002.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	19.6

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

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Appendix E. – Dipole Calibration Data



Calibration Laboratory Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich			S Schweizerischer Kalibrierdienst Service suisse d'étalonnage Servizio svizzero di taratura S swiss Calibration Service
ccredited by the Swiss Accreditation The Swiss Accreditation Service in fulfilateral Agreement for the rec	is one of the signatorie		Accreditation No.: SCS 0108
HCT		Certificate I	No. D835V2-4d165_May23
Gyeonggi-do, Republi	CE LIE MONTENE	5 - Pata /6 6, 7	
CALIBRATION C	ERTIFICATI		
Object	D835V2 - SN:4d	165	
Calibration procedure(s)	QA CAL-05.v12 Calibration Proce	dure for SAR Validation Sourc	ces between 0.7-3 GHz
Calibration date:	May 23, 2023		
		coal standards, which realize the physical robability are given on the following pages	
M calibrations have been conducte	ed in the closed laborator	ry facility; environment temperature (22 \pm	3)°C and humidity < 70%.
Celibration Equipment used (M&TE	critical for calibration)		
Primery Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Yower meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Yower sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
ower sensor NRP-Z91	SN: 103245	30-Mar-23 (No. 217-03805)	Mar-24
leference 20 dB Attenuator	SN: BH0394 (20k)	30-Mar-23 (No. 217-03809)	Mar-24
ype-N mismatch combination	SN: 310982 / 06327	30-Mar-23 (No. 217-03810)	Mar-24
leference Probe EX3DV4	SN: 7349	10-Jan 23 (No. EX3-7349_Jan23)	Jan-24
IAE4	SN: 601	19-Dec-22 (No. DAE4-601_Dec22)	Dec-23
Secondary Standards	ID #	Check Date (in house)	Scheduled Check
ower meter E44198	SN: GB30512475	30-Oct-14 (In house check Oct-22)	In house check: Oct-24
ower sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
ower sensor HP 8481A	SN: MY41093315	07-Oct-15 (In house check Oct-22)	In house check: Oct-24
IF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-22)	In house check: Oct-24
letwork Analyzer Aglient E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24
	Name	Function	Signature
alibrated by:	Michael Weber	Laboratory Technician	Miller
approved by:	Sven Kühn	Technical Manager	8.60
			Issued: May 23, 2023
This calibration certificate shall not	be reproduced except in	full without written approval of the aborat	Norge 및 지 제 인 자
AND IN THE PARTIE AND A	6.00	135 M	26 the
ertificate No: D835V2-4d165_N	May23	Page 1 of 6 24	Di Ultina 100 (here
			DL 1 95472 103 1984 2023 106.02 2023 106.0



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



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

Accreditation No.: SCS 0108

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

Glossary:

TSL	tissue simulating liquid
ConvF	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: D835V2-4d165_May23

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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	and the forester
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	40.5 ± 6 %	0.93 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	100	

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	2.51 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	9.74 W/kg ± 17.0 % (k=2)
SAR averaged over 10 cm ² (10 g) of Head TSL	condition	
SAR averaged over 10 cm ³ (10 g) of Head TSL SAR measured	condition 250 mW input power	1.62 W/kg

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	51.2 Ω - 3.2 jΩ	
Return Loss	- 29.5 dB	

General Antenna Parameters and Design

Electrical Delay (one direction)	1.389 ns
	- Hermiter

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

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DASY5 Validation Report for Head TSL

Date: 23.05.2023

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN: 4d165

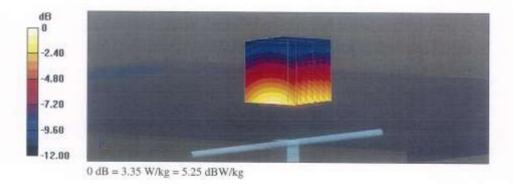
Communication System: UID 0 - CW; Frequency: 835 MHz Medium parameters used: f = 835 MHz; σ = 0.93 S/m; ϵ_r = 40.5; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN7349; ConvF(9.69, 9.69, 9.69) @ 835 MHz; Calibrated: 10.01.2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 19.12.2022
- 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 = 64.33 V/m; Power Drift = -0.04 dB Peak SAR (extrapolated) = 3.79 W/kg SAR(1 g) = 2.51 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 = 65.9% Maximum value of SAR (measured) = 3.35 W/kg



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Impedance Measurement Plot for Head TSL

				(4		EXA	AAAA	1		0000 59.8 0000	143	pΕ	33	8.188	14 Ω 51 Ω 1 mU 393
				ł	-1	K	X	E	1							
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Certificate No: D836V2-4d165_May23

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lient HCT Gyeonggi-do, Republ	ic of Korea	Certificate No.	D1800V2-2d015_May23
CALIBRATION C	ERTIFICATI	E	
Dbject	D1800V2 - SN:20	d015	
Calibration procedure(s)	QA CAL-05 v12 Calibration Proce	edure for SAR Validation Sources	s between 0,7-3 GHz
Calibration date:	May 17, 2023		
		orial standards, which realize the physical un	[3] A. M. M. A. M.
ine measurements and the uncert	actings with contracting b	robability are given on the following pages ar	
All calibrations have been conducts	ed in the closed laborator	rooability are given on the rollowing pages ar ly faolity: environment temporature (22 ± 3) ^o	
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vil calibrations have been conducti Calibration Equipment used (M&TE Primary Standards	ed in the closed laborator E critical for calibration)	ry faoility; environment temperatura (22 ± 3) ⁴ Cal Date (Certificate No.)	C and humidity < 70%. Scheduled Calibration
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Il calibrations have been conduct Calibration Equipment used (M&TE himary Standards 'ower meter NRP2 'ower sensor NRP-291 'ower sensor NRP-291 telerence 20 dB Attenuator	ed in the closed laborator E critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245	ry facility: environment temperature (22 ± 3) ⁴ Cal Date (Certificate No.) 30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804)	C and humidity < 70%, Scheduled Calibration Mar-24 Mar-24 Mar-24
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All calibrations have been conducts Calibration Equipment used (M&TE Primary Standards Nower meter NRP-2 Nower sensor NRP-291 Reference 20 dB Attenuator Pype-N mismatch combination Reference Probe EX3DV4 MAE4	ed in the closed laborator E oritical for calibration) ID # SN: 104778 SN: 103244 SN: 103246 SN: 8H/394 (20k) SN: 310982 / 06327 SN: 7349	Cal Date (Certificate No.) 30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03810) 10-Jan-23 (No. EX3-7349_Jan23)	C and humidity < 70%. Scheduled Calibration Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Jan-24
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Calibration Laboratory of Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland



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Accreditation No.: SCS 0108

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

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM x,y,z
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: D1800V2-2d015_May23

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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	38.5±6%	1.37 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	9.42 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	37.8 W/kg ± 17.0 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR averaged over 10 cm ³ (10 g) of Head TSL SAR measured	condition 250 mW input power	4.92 W/kg

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	48.9 Ω - 4.0 jΩ
Return Loss	- 27.6 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.214 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
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DASY5 Validation Report for Head TSL

Date: 17.05.2023

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d015

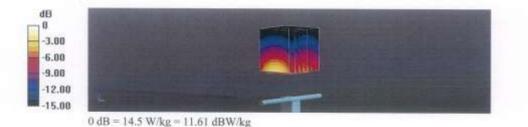
Communication System: UID 0 - CW; Frequency: 1800 MHz Medium parameters used: f = 1800 MHz; σ = 1.37 S/m; ϵ_r = 38.5; ρ = 1000 kg/m³ Phantom section; Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN7349; ConvF(8.63, 8.63, 8.63) @ 1800 MHz; Calibrated: 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 = 109.2 V/m; Power Drift = -0.00 dB Peak SAR (extrapolated) = 17.3 W/kg SAR(1 g) = 9.42 W/kg; SAR(10 g) = 4.92 W/kg Smallest distance from peaks to all points 3 dB below = 10 mm Ratio of SAR at M2 to SAR at M1 = 54.8% Maximum value of SAR (measured) = 14.5 W/kg



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Impedance Measurement Plot for Head TSL

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Certificate No: D1800V2-2d015_May23

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F-TP22-03 (Rev. 06)



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



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S Swiss Calibration Service Accreditation No.: SCS 0108

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

Glossary:

TSL	tissue simulating liquid
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%.

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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	1900 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	41.3 ± 6 %	1.40 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL

SAR averaged over 1 cm ² (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	9.97 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	40.2 W/kg ± 17.0 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR averaged over 10 cm ³ (10 g) of Head TSL SAR measured	condition 250 mW input power	5.22 W/kg

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	50.2 Ω + 6.8 jΩ	
Return Loss	- 23.4 dB	

General Antenna Parameters and Design

Electrical Delay (one direction)	1.182 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

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DASY5 Validation Report for Head TSL

Date: 18.01.2024

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d032

Communication System: UID 0 - CW; Frequency: 1900 MHz Medium parameters used: f = 1900 MHz; $\sigma = 1.4 \text{ S/m}$; $\epsilon_r = 41.3$; $\rho = 1000 \text{ kg/m}^3$ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN7349; ConvF(8.43, 8.43, 8.43) @ 1900 MHz; Calibrated: 03.11.2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 03.10.2023
- 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 = 109.9 V/m; Power Drift = 0.03 dB Peak SAR (extrapolated) = 18.3 W/kg SAR(1 g) = 9.97 W/kg; SAR(10 g) = 5.22 W/kg Smallest distance from peaks to all points 3 dB below = 9.8 mm Ratio of SAR at M2 to SAR at M1 = 54.9% Maximum value of SAR (measured) = 15.5 W/kg



0 dB = 15.5 W/kg = 11.90 dBW/kg

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Impedance Measurement Plot for Head TSL

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



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S Swiss Calibration Service

Accreditation No.: SCS 0108

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

Glossary:

TSL	tissue simulating liquid
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: D2450V2-743_Mar24

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F-TP22-03 (Rev. 06)



Measurement Conditions

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

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

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.2	1.80 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	38.5 ± 6 %	1.83 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	13.1 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	51.8 W/kg ± 17.0 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	l vezesaren l	
averaged over to cm. (to g) of nead tar	condition	
SAR measured	250 mW input power	6.09 W/kg

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	54.5 Ω + 6.1 jΩ
Return Loss	- 22.8 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.159 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
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DASY5 Validation Report for Head TSL

Date: 14.03.2024

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:743

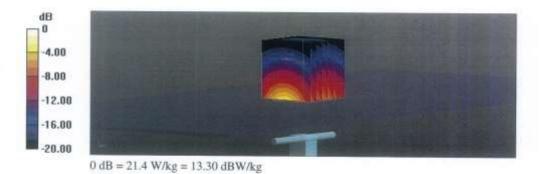
Communication System: UID 0 - CW; Frequency: 2450 MHz Medium parameters used: f = 2450 MHz; $\sigma = 1.83$ S/m; $\epsilon_r = 38.5$; p = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN7349; ConvF(7.96, 7.96, 7.96) @ 2450 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 = 115.1 V/m; Power Drift = 0.07 dB Peak SAR (extrapolated) = 26.4 W/kg SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.09 W/kg Smallest distance from peaks to all points 3 dB below = 9 mm Ratio of SAR at M2 to SAR at M1 = 50.1% Maximum value of SAR (measured) = 21.4 W/kg



Certificate No: D2450V2-743_Mar24

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F-TP22-03 (Rev. 06)



Impedance Measurement Plot for Head TSL

				6	2	E		1	0000 G 195.01 1000 G	pH.		549 C 330 C 9 mL
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5.00	de su i					>	1	2.450)808 G	Hz	-22.78	30 de
10.00 5.00 0.00 4.00 -10.00 -15.00 20.00 25.00					/	```	1	2.450)808 G	Hz	-22.78	BO de

Certificate No: D2450V2-743_Mar24

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Appendix: Transfer Calibration at Four Validation Locations on SAM Head¹

Evaluation Condition

Phantom	SAM Head Phantom	For usage with cSAR3DV2-R/L
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SAR result with SAM Head (Top ≅ C0)

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	normalized to 1W	55.2 W/kg ± 17.5 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	

SAR result with SAM Head (Mouth ≅ F90)

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	normalized to 1W	56.3 W/kg ± 17.5 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	

SAR result with SAM Head (Neck ≅ H0)

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	normalized to 1W	53.0 W/kg ± 17.5 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	

SAR result with SAM Head (Ear ≅ D90)

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	normalized to 1W	34.0 W/kg ± 17.5 % (k=2)
SAR averaged over 10 cm ² (10 g) of Head TSL	condition	

Additional assessments outside the current scope of SCS 0108

Certificate No: D2450V2-743_Mar24

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Calibration Laborator Schmid & Partner Engineering AG Ieughausstrasse 43, 8004 Zurich			S Schweizerischer Kallbrierdiens C Service suisse d'étalonnage Servizio svizzero di taratura S Swiss Calibration Service
ccredited by the Swiss Accreditati he Swiss Accreditation Service luttilateral Agreement for the re-	is one of the signatorie		Accreditation No.: SCS 0108
tient HCT		Certificate #	D2600V2-1106_May23
Gyeonggi-do, Republ		E	
Dbject	D2600V2 - SN;1		- and the second
Calibration procedure(s)	QA CAL-05.v12 Calibration Proce	edure for SAR Validation Sourc	es between 0.7-3 GHz
Calibration date:	May 24, 2023		
		onal standards, which realize the physical robability are given on the following pages	
		ry facility: environment temperature (22 ± 3	
Calibration Equipment used (M&TE		y wonty, environment temperature (22 ±)	iy to and humidity < 70%.
Primary Standards	lip#	Cal Date (Certificate No.)	Printed and Printed and
ower meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Scheduled Calibration Mar-24
ower sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
ower sensor NRP-Z91	SN: 103245	30-Mar-23 (No. 217-03805)	Mar-24
leference 20 dB Attenuator	SN: 8H9394 (20k)	30-Mar-23 (No. 217-03809)	Mar-24
ype-N mismatch combination	SN: 310982 / 06327	30-Mar-23 (No. 217-03810)	Mar-24
leference Probe EX3DV4	SN: 7349	10-Jan-23 (No. EX3-7349_Jan23)	Jan-24
IAE4	SN: 801	19-Dec-22 (No. DAE4-601_Dec22)	Dec-23
econdary Standards	ID #	Check Date (in house)	Scheduled Check
Yower meter E44198	SN: GB39512475	30-Oct-14 (In house check Oct-22)	In house check: Oct-24
ower sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
ower sensor HP 8481A	SN: MY41093315	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
IF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-22)	In house check: Oct-24
letwork Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24
	Name	Function	Signature
alibrated by:	Paulo Pina	Laboratory Technician	Tan Gran
Approved by:	Sven Kilhn	*****	
approved by.	Saeo killin	Technical Manager	S.Lr
bio coliberation partificate stati			Issued: May 24, 2023
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ertificate No: D2600V2-1106_M	fay23	Page 1 of 6	L 1484 15 1 MEA
		nition D	1 1 41 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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



S Schweizerlscher Kalibrierdienst C Service suisse d'étalonnage Servizio svizzero di tarature Swiss Calibration Service

Accreditation No.: SCS 0108

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

Glossary:

TSL	tissue simulating liquid
ConvF	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: D2600V2-1106_May23

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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	2600 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.0	1.96 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) "C	37.1 ± 6 %	2.00 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	14.2 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	55.6 W/kg ± 17.0 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR averaged over 10 cm ³ (10 g) of Head TSL SAR measured	condition 250 mW input power	6.37 W/kg

Certificate No: D2600V2-1105_May23

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	48.9 Ω - 6.8 jΩ	
Return Loss	- 23.1 dB	

General Antenna Parameters and Design

.149 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
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Certificate No: D2600V2-1106_May23

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DASY5 Validation Report for Head TSL

Date: 24.05.2023

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1106

Communication System: UID 0 - CW; Frequency: 2600 MHz Medium parameters used: f = 2600 MHz; σ = 2 S/m; ε_r = 37.1; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN7349; ConvF(7.68, 7.68, 7.68) @ 2600 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 = 117.6 V/m; Power Drift = 0.06 dB Peak SAR (extrapolated) = 27.7 W/kg SAR(1 g) = 14.2 W/kg; SAR(10 g) = 6.37 W/kg Smallest distance from peaks to all points 3 dB below = 8.9 mm Ratio of SAR at M2 to SAR at M1 = 51.4% Maximum value of SAR (measured) = 23.0 W/kg



0 dB = 23.0 W/kg = 13.62 dBW/kg

Certificate No: D2600V2-1106_May23

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Impedance Measurement Plot for Head TSL

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Certificate No: D2600V2-1106_May23

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



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

Accreditation No.: SCS 0108

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

Glossary:

TSL	tissue simulating liquid
ConvF	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%.

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Measurement Conditions

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 = 4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)

Head TSL parameters

Frequency

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	37.9	2.91 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	38.1 ± 6 %	2.90 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

3500 MHz ± 1 MHz

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.50 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	65.1 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.46 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	24.6 W/kg ± 19.5 % (k=2)

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	51.9 Ω - 3.8 jΩ	
Return Loss	- 27.6 dB	

General Antenna Parameters and Design

Electrical Delay (one direction)	1.130 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
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Certificate No: D3500V2-1132_Jan24

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DASY5 Validation Report for Head TSL

Date: 23.01.2024

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 3500 MHz; Type: D3500V2; Serial: D3500V2 - SN:1132

Communication System: UID 0 - CW; Frequency: 3500 MHz Medium parameters used: f = 3500 MHz; $\sigma = 2.9$ S/m; $\epsilon_c = 38.1$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(7.91, 7.91, 7.91) @ 3500 MHz; Calibrated: 07.03.2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 03.10.2023
- 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=100 mW, d=10mm, f=3500MHz/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 66.18 V/m; Power Drift = 0.08 dB Peak SAR (extrapolated) = 17.1 W/kg SAR(1 g) = 6.50 W/kg; SAR(10 g) = 2.46 W/kg Smallest distance from peaks to all points 3 dB below = 8.4 mm Ratio of SAR at M2 to SAR at M1 = 75.7% Maximum value of SAR (measured) = 12.2 W/kg



0 dB = 12.2 W/kg = 10.86 dBW/kg

Certificate No: D3500V2-1132 Jan24

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Impedance Measurement Plot for Head TSL

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Certificate No: D3500V2-1132_Jan24

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Multilateral Agreement for the re	is one of the signatorio cognition of calibration		
Client HCT		Certificate No	- D3700V2-1105 Nov23
Gyeonggi-do, Repub	SARCH CANCENESS.	F	
Object	D3700V2 - SN:1		The second
Calibration procedure(s)	QA CAL-22.v7 Calibration Proce	adure for SAR Validation Source	es between 3-10 GHz
Calibration date:	November 20, 20	023	
		robability are given on the following pages a	
		ry facility: environment temperature $\{22 \pm 3\}$	°C and humidity < 70%,
Calibration Equipment used (M&T)		ry facility: environment temperature (22 ± 3) Cal Date (Certificate No.)	
Calibration Equipment used (M&Th Primary Standards Power meter NRP2	E critical for calibration)		°C and humidity < 70%, Scheduled Calibration Mar-24
Calibration Equipment used (M&Th Primary Standards Power meter NRP2 Power sensor NRP-291	E critical for calibration) ID # SN: 104778 SN: 103244	Cal Date (Certificate No.)	Scheduled Calibration
Calibration Equipment used (M&Th Primary Standards Power meter NRP2 Power sensor NRP-Z91 Power sensor NRP-Z91	E critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245	Cal Date (Certificate No.) 30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805)	Scheduled Calibration Mar-24
Calibration Equipment used (M&Th Primary Standards Power meter NRP2 Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator	E critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: 103245 SN: BH9394 (20k)	Cal Date (Certificate No.) 30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809)	Scheduled Calibration Mar-24 Mar-24 Mar-24 Mar-24
Calibration Equipment used (M&T) Primary Standards Power meter NRP2 Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator Type-N mismatch combination	E critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: 103245 SN: 8H9394 (20k) SN: 310982 / 06327	Cal Date (Certificate No.) 30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03810)	Scheduled Calibration Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24
Calibration Equipment used (M&T) Primary Standards Power meter NRP2 Power sensor NRP-291 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4	E critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: 103245 SN: BH9394 (20k)	Cal Date (Certificate No.) 30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809)	Scheduled Calibration Mar-24 Mar-24 Mar-24 Mar-24
Calibration Equipment used (M&T) Primary Standards Power mater NRP2 Power sensor NRP-291 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4	E critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: 103245 SN: 8H9394 (20k) SN: 310982 / 06327 SN: 3503 SN: 601	Cal Date (Certificate No.) 30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03810) 07-Mar-23 (No. EX3-3503_Mar23) 03-Oct-23 (No. DAE4-601_Oct23)	Scheduled Calibration Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Oct-24
Calibration Equipment used (M&T) Primary Standards Power meter NRP2 Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards	E critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: 103245 SN: 8H9394 (20k) SN: 310982 / 06327 SN: 3603 SN: 601 ID #	Cal Date (Certificate No.) 30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03810) 07-Mar-23 (No. 217-03810) 07-Mar-23 (No. 23-503_Mar23) 03-Oct-23 (No. DAE4-801_Oct23) Check Date (in house)	Scheduled Calibration Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Oct-24 Scheduled Check
Calibration Equipment used (M&T) Primary Standards Power meter NRP-2 Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E44198	E critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: 103245 SN: 103245 SN: 8H9394 (20k) SN: 310982 / 06327 SN: 3603 SN: 601 ID # SN: GB39512475	Cal Date (Certificate No.) 30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03810) 07-Mar-23 (No. 217-03810) 03-Oct-23 (No. DAE4-601_Oct23) Check Date (In house) 30-Oct-14 (In house check Oct-22)	Scheduled Calibration Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Oct-24 Oct-24 Scheduled Check In house check: Oct-24
Calibration Equipment used (M&T) Primary Standards Power meter NRP-2 Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E44198 Power sensor HP 8481A	E critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: 103245 SN: 8H9394 (20k) SN: 310982 / 06327 SN: 3603 SN: 601 ID #	Cal Date (Certificate No.) 30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03810) 07-Mar-23 (No. 217-03810) 07-Mar-23 (No. 213-03810) 07-Mar-23 (No.	Scheduled Calibration Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Oct-24 Oct-24 Scheduled Check In house check: Oct-24 In house check: Oct-24
Calibration Equipment used (M&T) Primary Standards Power meter NRP2 Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E44198 Power sensor HP 8481A Power sensor HP 8481A	E oritical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: 103245 SN: 8H9394 (20k) SN: 310982 / 06327 SN: 3503 SN: 601 ID # SN: G839512475 SN: US37292783	Cal Date (Certificate No.) 30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03810) 07-Mar-23 (No. 217-03810) 03-Oct-23 (No. DAE4-601_Oct23) Check Date (In house) 30-Oct-14 (In house check Oct-22)	Scheduled Calibration Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Oct-24 Oct-24 Scheduled Check In house check: Oct-24
Calibration Equipment used (M&T) Primary Standards Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E44198 Power sensor HP 8481A RF generator R&S SMT-06	E critical for calibration) ID # SN: 104778 SN: 103244 SN: 103244 SN: 103245 SN: 310982 / 06327 SN: 3503 SN: 601 ID # SN: GB39512475 SN: US37292783 SN: WY41093315	Cal Date (Certificate No.) 30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03810) 07-Mar-23 (No. 217-03810) 07-Oct-14 (In house check Oct-22) 07-Oct-15 (In house check Oct-22) 07-Oct-15 (In house check Oct-22)	Scheduled Calibration Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Oct-24 Scheduled Check In house check: Oct-24 In house check: Oct-24 In house check: Oct-24
Calibration Equipment used (M&T) Primary Standards Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E44198 Power sensor HP 8481A RF generator R&S SMT-05	E critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: 8H9394 (20k) SN: 310982 / 06327 SN: 3503 SN: 601 ID # SN: G839612475 SN: US37292783 SN: US37292783 SN: MY41093315 SN: 100972	Cal Date (Certificate No.) 30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03810) 07-Mar-23 (No. 217-03810) 07-Mar-23 (No. 217-03810) 07-Mar-23 (No. 217-03810) 03-Oct-23 (No. DAE4-601_Oct23) Check Date (In house) 30-Oct-14 (In house check Oct-22) 07-Oct-15 (In house check Oct-22) 15-Jun-15 (In house check Oct-22)	Scheduled Calibration Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Oct-24 Scheduled Check In house check: Oct-24 In house check: Oct-24 In house check: Oct-24
Calibration Equipment used (M&T) Primary Standards Power sensor NRP-291 Reference 20 dB Attenuator Type-N miamatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E44198 Power sensor HP 8461A RF generator R&S SMT-06 Network Analyzer Agilent E8358A	E critical for calibration) ID # SN: 104778 SN: 103244 SN: 103245 SN: 8H9394 (20k) SN: 310982 / 06327 SN: 3503 SN: 601 ID # SN: GB39512475 SN: US37292783 SN: US37292783 SN: 100972 SN: US41080477	Cal Date (Certificate No.) 30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03810) 07-Mar-23 (No. 217-03810) 07-Mar-23 (No. EX3-3503_Mar23) 03-Oct-23 (No. DAE4-601_Oct23) 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)	Scheduled Calibration Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Oct-24 Scheduled Check In house check: Oct-24 In house check: Oct-24 In house check: Oct-24
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Calibration Laboratory of Schmid & Partner Engineering AG Zoughausstrasse 43, 8004 Zurich, Switzerland



Schweizerischer Kalibrierdienst S Service suisse d'étalonnage Ċ

- Servizio svizzero di taratura
- S **Swiss Calibration Service**

Accreditation No.: SCS 0108

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

Glossary:

TSL	tissue simulating liquid
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: D3700V2-1105 Nov23

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F-TP22-03 (Rev. 06)



Measurement Conditions

DASY system configuration, as far as not given on page 1.	tem configuration, as far as not given on page	e 1.
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DASY Version	DASY52	V52,10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	120
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx; dy = 4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	3700 MHz ± 1 MHz	

Head TSL parameters The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	37.7	3.12 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	38.1 ± 6 %	3.06 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	1111	1

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.66 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	67.1 W/kg ± 19.9 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR averaged over 10 cm ³ (10 g) of Head TSL SAR measured	condition 100 mW input power	2.43 W/kg

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	45.8 Ω - 0.6 jΩ
Return Loss	- 27.0 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1,139 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	00540
Manufactured by	SPEAG

Certificate No: D3700V2-1105_Nov23

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DASY5 Validation Report for Head TSL

Date: 20.11.2023

Test Laboratory: SPEAG, Zurich, Switzerland

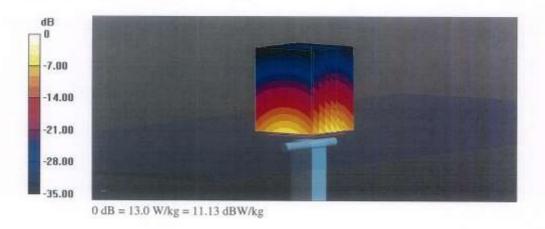
DUT: Dipole 3700 MHz; Type: D3700V2; Serial: D3700V2 - SN:1105

Communication System: UID 0 - CW; Frequency: 3700 MHz Medium parameters used: f = 3700 MHz; $\sigma = 3.06$ S/m; $\varepsilon_e = 38.1$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(7.73, 7.73, 7.73) @ 3700 MHz; Calibrated: 07.03.2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 03.10.2023
- 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=100 mW, d=10mm, f=3700MHz/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 68.83 V/m; Power Drift = 0.08 dB Peak SAR (extrapolated) = 18.2 W/kg SAR(1 g) = 6.66 W/kg; SAR(10 g) = 2.43 W/kg Smallest distance from peaks to all points 3 dB below = 8 mm Ratio of SAR at M2 to SAR at M1 = 74.7% Maximum value of SAR (measured) = 13.0 W/kg



Certificate No: D3700V2-1105_Nov23

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Impedance Measurement Plot for Head TSL

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Certificate No: D3700V2-1105_Nov23

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F-TP22-03 (Rev. 06)



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Client HCT		Certificate No.	D3900V2-1019_May23
Gyeonggi-do, Republi	Contraction of the second second		
CALIBRATION C	ERTIFICATI	E	
Object	D3900V2 - SN:10	019	
Calibration procedure(s)	QA CAL-22.v7 Calibration Proce	dure for SAR Validation Sources	s between 3-10 GHz
Calibration date:	May 19, 2023		
		onal standards, which realize the physical un robability are given on the following pages an	
All calibrations have been conducts	ed in the closed laborator	y facility: environment temperature (22 \pm 3)*0	
		y facility; environment temperature (22 \pm 3) $^{\circ}$	
Calibration Equipment used (M&TE		y facility: environment temperature (22 ± 3)*0 Cal Date (Certificate No.)	
Calibration Equipment used (M&TI Primary Standards	E critical for calibration)		0 and humidity < 70%.
Calibration Equipment used (M&T) Primary Standards Power meter NRP2	E critical for calibration)	Cal Date (Certificate No.)	C and humidity < 70%. Scheduled Calibration
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Calibration Laboratory of Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland





- S Schweizerischer Kalibrierdienst Service suisse d'étalonnage
- 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 Multilisteral Agreement for the recognition of calibration certificates

Glossary:

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

Calibration is Performed According to the Following Standards:

- a) 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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Measurement Conditions

Frequency

ASY system configuration, as far as no	ot given on page 1.	
DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom V5.0	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4.0 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)

Head TSL parameters at 3900 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	37.5	3.32 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) "C	36.7 ± 6 %	3.23 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		****

3900 MHz ± 1 MHz

SAR result with Head TSL at 3900 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.97 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	69.7 W/kg ± 19.9 % (k=2)
SAR averaged over 10 cm3 (10 g) of Head TSL	condition	
SAR averaged over 10 cm ³ (10 g) of Head TSL SAR measured	condition 100 mW input power	2.42 W/kg
		2.42 W/kg 24.1 W/kg ± 19.5 % (k=2)

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 3900 MHz

Impedance, transformed to feed point	48.0 Ω - 7.8 jΩ	
Return Loss	- 21.7 dB	

General Antenna Parameters and Design

1.100 ns	
	1.100 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 leedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
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DASY5 Validation Report for Head TSL

Date: 19.05.2023

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 3900 MHz; Type: D3900V2; Serial: D3900V2 - SN:1019

Communication System: UID 0 - CW; Frequency: 3900 MHz Medium parameters used: f = 3900 MHz; σ = 3.23 S/m; ϵ_c = 36.7; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(7.39, 7.39, 7.39) @ 3900 MHz; Calibrated: 07.03.2023
- · 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=100 mW, d=10mm, f=3900MHz/Zoom Scan,

dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 71.29 V/m; Power Drift = -0.03 dB Peak SAR (extrapolated) = 19.8 W/kg SAR(1 g) = 6.97 W/kg; SAR(10 g) = 2.42 W/kg Smallest distance from peaks to all points 3 dB below = 8 mm Ratio of SAR at M2 to SAR at M1 = 73.5% Maximum value of SAR (measured) = 13.7 W/kg



0 dB = 13.7 W/kg = 11.37 dBW/kg

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Impedance Measurement Plot for Head TSL

				F	4	X	EX.	to the	5.3	00 GHz 2301 pF 00 GHz		mU mU
	Ch 1 Aug #			F	X	X		Ì				
	Stat: 3,70000	ана —	-	1	-	_		1	2.4000	an di in	Stop 4.1000	-
10.00 5.00 0.00 -5.00	81912 3.70000)	GH2					>	1:	3.9000	00 GHz	nop 4.1000	-
Ch1:: 10.00 5.00 5.00 -10.00 -10.00 -0.00 -25.00 -25.00 -25.00		QH2					>	1	3.9000	00 GHz	-	-

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Springer-bit korea DSGH2V2 - SN: 1317 albration procedure(s) QA CAL-22.V7 Calibration Procedure for SAR Validation Sources between 3-10 GHz altration date: May 17, 2023 this calibration certificate doounerts the traceability to national standards, which realize the physical units of measurements (SI), he measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate. altration certificate doounerts the traceability to national standards, which realize the physical units of measurements (SI), he measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate. al calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%. calibration Equipment used (MATE critical for calibration) there measurements and the uncertaintees with confidence probability are given on the following pages and are part of the certificate. altration Equipment used (MATE critical for calibration) there series NRP-231 SN: 103245 tweer meter NRP-231 SN: 103245 sN: 310862 / 08327 SN: 40274 type-N maintain to orthination SN: 30862 / 08327 sN: 310862 / 08327 SN: 40274 sN: 30867 / 074875 SO-204 14 (ccredited by the Swiss Accreditation we Swiss Accreditation Service		s to the EA	Accreditation No.: SCS 0108
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Dynomic of Noreal DSGH2V2 - SN:1317 Calibration procedure(s) QA CAL-22.V7 Calibration Procedure for SAR Validation Sources between 3-10 GHz Calibration procedure(s) QA CAL-22.V7 Calibration Procedure for SAR Validation Sources between 3-10 GHz Calibration date: May 17, 2023 This estifration certificate documents the traceability to national standards, which resize the physical units of measurements (SI). The measurements and the uncertainties with cortificerce probability are given on the following pages and are part of the certificate. All calibration Equipment used (MATE citical for calibration) Scheduled Calibration Priver sensor NRP-291 SN: 103246 D1 * Cal Date (Certificate No.) Scheduled Calibration Prover sensor NRP-291 SN: 103246 Schedule Calibration Mar:24 SN: 103246 Mar:24 SN: 103246 Prover sensor NRP-291 SN: 103246 (200327 SN: 403245 (No. 217:03050) Mar:24 SN: 103246 (No. 217:03050) Mar:24 SN: 103246 (No. 217:03050) Prover sensor NRP-291 SN: 103246 (200327 SN: 40324 (No. 217:03050) Mar:24 SN: 103246 (No. 217:03500) Mar:24 SN: 103246 (No. 202:0 In house check Oc:22) SN: 103245 (No. 202:1 No. 202	lient HCT		Certificate No.	D5GHzV2-1317 May23
Dispect DSGHzV2 - SN:1317 Calibration procedure(s) QA CAL-22.v7 Calibration Procedure for SAR Validation Sources between 3-10 GHz Calibration date: May 17, 2023 This calibration certificate documents the traceability to national standards, which resize 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 calibration Equipment used (M&TE official documents the traceability to national standards, which resize 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 doced laboratory facility: environment temperature (22 ± 3)*C and humidity < 70%. Calibration Equipment used (M&TE official to calibration) Priver sensor NIP-251 SN: 10244 30-Mar-23 (No. 217-03804/03805) Mar-24 Prover sensor NIP-251 SN: 10244 30-Mar-23 (No. 217-03800) Mar-24 Reference 20 dB Attenuator SN: BH9394 (20N) 30-Mar-23 (No. 217-03800) Mar-24 SN: 30062 / 00327 30-Mar-23 (No. 217-03800) Mar-24 SN: 601 19-Dec-22 (No. 214-0310) Mar-24 Prover sensor NIP-251 SN: 6030512475 30-Ca-14 (In house feack Od-22) I	Gyeonggi-do, Republi	c of Korea		
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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) ID # Cal Date (Certificate No.) Scheduled Calibration Primary Standards ID # Cal Date (Certificate No.) Scheduled Calibration Power matter NRP2 SN: 104778 S0-Mar-23 (No. 217-03804/03805) Mar-24 Power sensor NRP-291 SN: 103245 S0-Mar-23 (No. 217-03805) Mar-24 Reference 20 dB Attenuator SN: 810982 / 08327 S0-Mar-23 (No. 217-03809) Mar-24 Type-N miamatch combination SN: 310962 / 08327 S0-Mar-23 (No. 217-03810) Mar-24 Reference Probe EX3DV4 SN: 3503 S0-Mar-23 (No. 217-03810) Mar-24 SN: 3503 SN: 3503 S0-Mar-24 SN: 3503 Mar-24 Note 4 SN: 601 19-Dec-22 (No. DAE4-601_Dec22) Dec-23 Secondary Standards ID # Check Date (in house) Scheduled Check Power sensor HP 8481A SN: 0357282783 07-Cc-15 (in house check Oct-22) In house check: Oct-24 Network Analyzer Agitent E8358A SN: US41080477 31-Mar-14 (in house check Oct-22) In house check: Oct-24 Network Analyzer Agitent E8358A SN: US41080477 31-Mar-14 (in house check Oct-22) In house check: Oct-24				
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Type-N mismatch combination SN: 310662 / 06327 30-Mar-23 (No. 217-03810) Mar-24 Reference Probe EX3DV4 SN: 3503 07-Mar-23 (No. EX3-3503, Mar23) Mar-24 DAE4 SN: 601 19-Dec-22 (No. DAE4-601_Dec22) Dec-23 Secondary Standards ID # Check Date (in house) Scheduled Check Power meter E44198 SN: 0537292783 07-Oct-14 (in house check Oct-22) In house check: Oct-24 Power sensor HP 8481A SN: US37292783 07-Oct-15 (in house check Oct-22) In house check: Oct-24 Power sensor HP 8481A SN: 100972 15-Jun-15 (in house check Oct-22) In house check: Oct-24 RF generator RAS SMT-06 SN: US41080477 31-Mar-14 (in house check Oct-22) In house check: Oct-24 Name Function Signature Calibrated by: Name Function Signature Approved by: Svan Kühm Technicsi Manager Signature Issued: May 25, 2023 Issued: May 25, 2023 Issued: May 25, 2023	Calibration Equipment used (M&TE Primery Standards Power milder NRP2 Power sensor NRP-291	ID # SN: 104778 SN: 103244	30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804)	Mar-24 Mar-24
Reference Probe EX3DV4 SN: 3503 07-Mar-23 (No. EX3-3503_Mar23) Mar-24 DAE4 SN: 601 19-Dec-22 (No. DAE4-601_Dec22) Dec-23 Secondary Standarda ID # Check Date (in house) Scheduled Check Power meter E4419B SN: GB39512475 30-Oct-14 (in house check Oct-22) In house check: Oct-24 Power sensor HP 8481A SN: US37282783 07-Oct-15 (in house check Oct-22) In house check: Oct-24 Power sensor HP 8481A SN: U0972 15-Jun-15 (in house check Oct-22) In house check: Oct-24 RF generator R&S SMT-06 SN: US41080477 31-Mar-14 (in house check Oct-22) In house check: Oct-24 Network Analyzer Agilent EB358A SN: US41080477 31-Mar-14 (in house check Oct-22) In house check: Oct-24 Calibrated by: Name Function Signature Approved by: Svan Kühn Technicst Manager Signature Issued: May 25, 2023 Issued: May 25, 2023	Calibration Equipment used (M&TE Primery Standards Power meter NRP2 Power sensor NRP-291 Power sensor NRP-291	1D.# SN: 104778 SN: 103244 SN: 103245	30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805)	Mar-24 Mar-24 Mar-24
DAE4 SN: 601 19-Dec-22 (No. DAE4-601_Dec22) Dec-23 Secondary Standards ID # Check Date (in house) Scheduled Check Power meter E44198 SN: G839512475 30-Oct-14 (in house check Oct-22) In house check: Oct-24 Power sensor HP 8431A SN: VIS37282783 07-Oct-15 (in house check Oct-22) In house check: Oct-24 Power sensor HP 8431A SN: VIS37282783 07-Oct-15 (in house check Oct-22) In house check: Oct-24 Power sensor HP 8431A SN: VIS37282783 07-Oct-15 (in house check Oct-22) In house check: Oct-24 Network Analyzer Aglient E8358A SN: VIS41080477 31-Mar-14 (in house check Oct-22) In house check: Oct-24 Name Function Signature Calibrated by: Name Function Signature Approved by: Sven Kühn Technical Maneger Signature Issued: May 25, 2023 In approved by: Sven Kühn Technical Maneger	Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator	ID # SN: 104778 SN: 103244 SN: 103245 SN: 103245 SN: BH9394 (20k)	30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809)	Mar-24 Mar-24 Mar-24 Mar-24
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Power meter E44198 SN: GB39512475 30-Oct-14 (in house check Oct-22) In house check: Oct-24 Power sensor HP 8481A SN: US37292783 07-Oct-15 (in house check Oct-22) In house check: Oct-24 Power sensor HP 8481A SN: US37292783 07-Oct-15 (in house check Oct-22) In house check: Oct-24 Power sensor HP 8481A SN: US37292783 07-Oct-15 (in house check Oct-22) In house check: Oct-24 Power sensor HP 8481A SN: US37292783 07-Oct-15 (in house check Oct-22) In house check: Oct-24 RF generator R&S SMT-06 SN: 100972 15-Jun-15 (in house check Oct-22) In house check: Oct-24 Network Analyzer Agilent E8358A SN: US41080477 31-Mar-14 (in house check Oct-22) In house check: Oct-24 Name Function Signature Calibrated by: Michael Weber Laboratory Technician Middle Approved by: Svan Kühn Technicsi Maneger Signature Issued: May 25, 2023 Issued: May 25, 2023 Issued: May 25, 2023	Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4	ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 310982 / 06327 SN: 3503	30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03810) 07-Mar-23 (No. EX3-3503_Mar23)	Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24
Power sensor HP 8481A SN: US37282783 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: US41080477 15-Jun-15 (in house check Oct-22) In house check: Oct-24 Network Analyzer Agient E8358A SN: US41080477 31-Mar-14 (in house check Oct-22) In house check: Oct-24 Calibrated by: Name Function Signature Approved by: Svan Kühm Technicsi Manager Signature	Calibration Equipment used (M&TE Primary Standards Power mater NRP2 Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4	ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 310982 / 06327 SN: 3503 SN: 601	30-Mar-23 (No. 217-03604/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03810) 07-Mar-23 (No. EX3-5503, Mar23) 19-Dec-22 (No. DAE4-601_Dec22)	Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Dec-23
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 Agient EB358A SN: US41080477 31-Mar-14 (in house check Oct-22) In house check: Oct-24 Calibrated by: Name Function Signature Approved by: Svan Kühn Technical Manager Signature Issued: May 25, 2023 In the second	Calibration Equipment used (M&TE Primary Standards : Power meter NRP2 Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards	ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 310962 / 06327 SN: 3503 SN: 601 ID #	30-Mar-23 (No. 217-03604/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03810) 07-Mar-23 (No. EX3-3503, Mar23) 19-Dec-22 (No. DAE4-601_Dec22) Check Date (In house)	Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Dec-23 Scheduled Check
RF generator RAS SMT-06 SN: 100972 15-Jun-15 (in house check Oct-22) In house check: Oct-24 Network Analyzer Aglent EB35BA SN: US41080477 31-Mar-14 (in house check Oct-22) In house check: Oct-24 Calibrated by: Name Function Signature Approved by: Svan Kühn Technical Manager Signature Issued: May 25, 2023 In house check Oct-22) Signature	Calibration Equipment used (M&TE Priver mater NRP2 Power sensor NRP-291 Power sensor NRP-291 Relerance 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E4419B	ID # SN: 104778 SN: 103244 SN: 103245 SN: BHØ394 (20k) SN: 310962 / 06327 SN: 310962 / 06327 SN: 601 ID # SN: 6839512475	30-Mar-23 (No. 217-03604/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03810) 07-Mar-23 (No. EX3-3503 (Mar23) 19-Dec-22 (No. DAE4-601 [Dec22) Check Date (in house) 30-Oct-14 (in house check Oct-22)	Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Dec-23 Scheduled Check In house check: Oct-24
Network Analyzer Agilent EB35BA SN: US41080477 31-Mar-14 (in house check Oct-22) In house check; Oct-24 Name Function Signature Calibrated by: Michael Weber Laboratory Technician Approved by: Svan Kühn Technical Manager Sugnature Issued: May 25, 2023	Calibration Equipment used (M&TE Primary Standards Power matter NRP2 Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power matter E4419B Power sensor HP 8481A	ID # SN: 104778 SN: 103245 SN: 03245 SN: 03245 SN: 03245 SN: 310962 / 06327 SN: 3503 SN: 601 ID # SN: GB39512475 SN: US37292783	30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03810) 07-Mar-23 (No. EX3-3503_Mar23) 19-Dec-22 (No. DAE4-601_Dec22) Check Date (in house) 30-Oct-14 (in house check Oct-22) 07-Oct-15 (in house check Oct-22)	Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Dec-23 Scheduled Check In house check: Oct-24 In house check: Oct-24
Calibrated by: Michael Weber Laboratory Tachnician Hibber Approved by: Svan Kühn Technical Manager S. Co- Issued: May 25, 2023	Calibration Equipment used (M&TE Primary Standards Power sensor NRP-291 Power sensor NRP-291 Relevence 20 dB Attenuator Type-N mismatch combinator Relevence Probe EX3DV4 DAE4 Secondary Standards Power meter E44198 Power sensor HP 8481A Power sensor HP 8481A	ID # SN: 104778 SN: 103246 SN: 103245 SN: 9H9394 (20k) SN: 310982 / 06327 SN: 3503 SN: 601 ID # SN: GB39512475 SN: US37292783 SN: VIS37292783 SN: MY41093315	30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03810) 07-Mar-23 (No. 217-03810) 07-Mar-23 (No. 217-03810) 07-Mar-23 (No. EX3-3503_Mar23) 19-Dec-22 (No. DAE4-601_Dec22) 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)	Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Dec-23 Scheduled Check In house check: Oct-24 In house check: Oct-24 In house check: Oct-24
Calibrated by Michael Wober Laboratory Technician Milder	Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E4419B Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06	ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 3503 SN: 601 ID # SN: GB39512475 SN: US37282783 SN: WY41093315 SN: 100972	30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03800) 30-Mar-23 (No. 217-03800) 07-Mar-23 (No. 217-03810) 07-Mar-23 (No. 217-03810) 07-Mar-23 (No. 217-03801) 19-Dec-22 (No. DAE4-601_Dec22) 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)	Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Dec-23 Scheduled Check In house check: Oct-24 In house check: Oct-24 In house check: Oct-24 In house check: Oct-24
S. Co- Issued: May 25, 2023	Calibration Equipment used (M&TE Primary Standards Power mater NRP2 Power sensor NRP-291 Relevence 20 dB Attanuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E4419B Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06	ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 310862 / 06327 SN: 3503 SN: 601 ID # SN: GB39512475 SN: US37292783 SN: MY41093315 SN: US41080477	30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03810) 07-Mar-23 (No. 217-03810) 07-Mar-23 (No. EX3-5503, Mar23) 19-Dec-22 (No. DAE4-601_Dec22) 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)	Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Dec-23 Scheduled Check In house check: Oct-24 In house check: Oct-24
S. Co- Issued: May 25, 2023	Calibration Equipment used (M&TE Primary Standards Power meter NRP2 Power sensor NRP-291 Power sensor NRP-291 Relerance 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Aglient E835BA	ID # SN: 104778 SN: 103245 SN: BH9394 (20k) SN: 310962 / 06327 SN: 3050 SN: 601 ID # SN: GB39512475 SN: GB39512475 SN: US37282783 SN: US37282783 SN: US37282783 SN: US371903315 SN: US41080477 Name	30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03810) 07-Mar-23 (No. EX3-3503, Mar23) 19-Dec-22 (No. DAE4-601_Dec22) 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	Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Dec-23 Scheduled Check In house check: Oct-24 In house check: Oct-24
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This calibration certificate shall not be reproduced except in full without written approval of the Japonetory 10 31 10 11 x	Calibration Equipment used (M&TE Primary Slandards Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attanuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Agilent E8358A Calibrated by:	ID # SN: 104778 SN: 103244 SN: 103245 SN: 9H9394 (20k) SN: 310982 / 06327 SN: 3503 SN: 601 ID # SN: GB39512475 SN: US37292783 SN: VUS37292783 SN: VUS3729778 SN: VUS37292787 SN: VUS37297777 SN: VUS3729777777777777	30-Mar-23 (No. 217-03804/03805) 30-Mar-23 (No. 217-03804) 30-Mar-23 (No. 217-03805) 30-Mar-23 (No. 217-03809) 30-Mar-23 (No. 217-03810) 07-Mar-23 (No. EX3-3503_Mar23) 19-Dec-22 (No. DAE4-601_Dec22) Check Date (In house) 30-Oct-14 (In house) 30-Oct-15 (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	Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Mar-24 Dec-23 Scheduled Check In house check: Oct-24 In house check: Oct-24 In house check: Oct-24 In house check: Oct-24 Signature MMARC S. Co-



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



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Swiss Calibration Service

Accreditation No.: SCS 0108

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

Glossary:

TSL	tissue simulating liquid
ConvF	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%.

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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 V5.0	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4.0 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	5250 MHz ± 1 MHz 5600 MHz ± 1 MHz 5750 MHz ± 1 MHz 5800 MHz ± 1 MHz	

Head TSL parameters at 5250 MHz The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.9	4,71 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	34.8 ± 6 %	4.60 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5250 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.94 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	78.8 W/kg ± 19.9 % (k=2)
SAR averaged over 10 cm ² (10 g) of Head TSL	condition	
SAR averaged over 10 cm ² (10 g) of Head TSL SAR measured	condition 100 mW input power	2.28 W/kg

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Head TSL parameters at 5600 MHz

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.5	5.07 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) *C	34,6±6%	4.97 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	1	

SAR result with Head TSL at 5600 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.17 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	81.2 W/kg ± 19.9 % (k=2)
SAR averaged over 10 cm ³ (10 c) of Head TSI	andition	
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR averaged over 10 cm ³ (10 g) of Head TSL SAR measured	condition 100 mW input power	2.32 W/kg

Head TSL parameters at 5750 MHz The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.4	5.22 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) "C	34.4 ± 6 %	5.08 mha/m ± 6 %
Head TSL temperature change during test	< 0.5 *C	1.1.1	

SAR result with Head TSL at 5750 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.79 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	77.4 W/kg ± 19.9 % (k=2)
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	0.000	, , , , , , , , , , , , , ,
SAR averaged over 10 cm ³ (10 g) of Head TSL SAR measured	condition 100 mW input power	2.23 W/kg

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Head TSL parameters at 5800 MHz

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.3	5.27 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) "C	34.3 ± 6 %	5.11 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	1000	

SAR result with Head TSL at 5800 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.75 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	76.9 W/kg ± 19.9 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR averaged over 10 cm ³ (10 g) of Head TSL SAR measured	condition 100 mW input power	2.20 W/kg

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 5250 MHz

Impedance, transformed to feed point	44.6 Ω - 2.0 jΩ
Return Loss	- 24.3 dB

Antenna Parameters with Head TSL at 5600 MHz

Impedance, transformed to feed point	48.0 Ω - 0.3 jΩ
Return Loss	- 33.6 dB

Antenna Parameters with Head TSL at 5750 MHz

Impedance, transformed to feed point	47.2 Ω + 1.2 jΩ	
Return Loss	- 30.0 dB	

Antenna Parameters with Head TSL at 5800 MHz

Impedance, transformed to feed point	46.0 Ω + 0.8 jΩ	
Return Loss	- 27,4 dB	

General Antenna Parameters and Design

Electrical Delay (one direction)	1.191 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
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DASY5 Validation Report for Head TSL

Date: 17.05.2023

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1317

Communication System: UID 0 - CW; Frequency: 5250 MHz, Frequency: 5600 MHz, Frequency: 5750 MHz, Frequency: 5800 MHz Medium parameters used: f = 5250 MHz; σ = 4.6 S/m; ε_f = 34.8; ρ = 1000 kg/m³ Medium parameters used: f = 5600 MHz; σ = 4.97 S/m; ε_f = 34.6; ρ = 1000 kg/m³ Medium parameters used: f = 5750 MHz; σ = 5.08 S/m; ε_f = 34.4; ρ = 1000 kg/m³ Medium parameters used: f = 5800 MHz; σ = 5.11 S/m; ε_f = 34.3; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(5.5, 5.5, 5.5) @ 5250 MHz, ConvF(5.1, 5.1, 5.1) @ 5600 MHz, ConvF(5.08, 5.08, 5.08) @ 5750 MHz, ConvF(5.01, 5.01, 5.01) @ 5800 MHz; Calibrated: 07.03.2023
- 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=100mW, dist=10mm, f=5250 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 75.29 V/m; Power Drift = -0.00 dB Peak SAR (extrapolated) = 26.9 W/kg SAR(1 g) = 7.94 W/kg; SAR(10 g) = 2.28 W/kg Smallest distance from peaks to all points 3 dB below = 7.2 mm Ratio of SAR at M2 to SAR at M1 = 71.8% Maximum value of SAR (measured) = 17.6 W/kg

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

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 74.66 V/m; Power Drift = -0.03 dB Peak SAR (extrapolated) = 30.1 W/kg SAR(1 g) = 8.17 W/kg; SAR(10 g) = 2.32 W/kg Smallest distance from peaks to all points 3 dB below = 6.8 mm Ratio of SAR at M2 to SAR at M1 = 68.8% Maximum value of SAR (measured) = 18.8 W/kg

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Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5750 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 72.14 V/m; Power Drift = -0.04 dB Peak SAR (extrapolated) = 29.8 W/kg SAR(1 g) = 7.79 W/kg; SAR(10 g) = 2.23 W/kg Smallest distance from peaks to all points 3 dB below = 7.4 mm Ratio of SAR at M2 to SAR at M1 = 66.1% Maximum value of SAR (measured) = 18.2 W/kg

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

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm Reference Value = 71.84 V/m; Power Drift = 0.00 dB Peak SAR (extrapolated) = 30.2 W/kg SAR(1 g) = 7.75 W/kg; SAR(10 g) = 2.2 W/kg Smallest distance from peaks to all points 3 dB below = 7.2 mm Ratio of SAR at M2 to SAR at M1 = 65.5% Maximum value of SAR (measured) = 18.3 W/kg



0 dB = 18.8 W/kg = 12.74 dBW/kg

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Impedance Measurement Plot for Head TSL

					1	$\langle \rangle$	E	A	1	5.250000 GHz 15.352.pF 5.600000 GHz 102.46.pF	44.577 0 -1.0747 0 47.310 0 -277.04 m0
				F	4	A	X	1-A	2	\$ 750000 GHz 04 059 pH	47.199.0 1.2305.0
				4	1			3	4	5.300000 GHz 22.375 pH 5.500000 GHz	45,911 () 1029-97 m () 70.005 m ()
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10.00 5.00 0.00 5.00	Start 5.00000		-						2	5.350000 GHz 1.400000 GHz 5.350000 GHz	-24.292 di 22.835 di -00.040 di
10.00 5.00 6.00 -10.00 -15.00	Start 5.00000								2	5.350000 GHz 1.400000 GHz 5.350000 GHz	-24.292 di 22.835 di -00.040 di
10.00 5.00 5.00 -5.00 -19.00 -15.00 -20.00	Start 5.00000		-						2	5.350000 GHz 1.400000 GHz 5.350000 GHz	-24.292 di 22.835 di -00.040 di
10.00 5.00 0.00 5.00 10.00 15.00 20.00 25.00	Start 5.00000		-						2	5.350000 GHz 1.400000 GHz 5.350000 GHz	-24.292 di 22.835 di -00.040 di
10.00 5.00 0.00 5.00 -10.00 -15.00 -15.00 -25.00 -25.00	Start 5.00000		4						2	5.35000 DHe 8.60000 GHs 5.50000 GHz 5.30000 GHz	-24.292 di 22.835 di -00.040 di
10.00 5.00 5.00 40.00 40.00 25.00 25.00 25.00 25.00 25.00 40.00	Start 5.00000	29							1	5.250000 DH4 14 (D0000 GH4 5.35000 GH4 5.35000 GH4	-24.292 di 22.835 di -00.040 di

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Appendix: Transfer Calibration at Four Validation Locations on SAM Head1

Evaluation Conditions (f=5250 MHz)

Phantom	SAM Head Phantom	For usage with cSAR3DV2-R
rhantoth	Contract Freedom Freedom (17)	T OF GOODE WITH COMPOSE

SAR result with SAM Head (Top)

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	normalized to 1W	84.3 W/kg ± 20.3 % (k=2)
SAR averaged over 10 cm ² (10 g) of Head TSL	condition	

SAR result with SAM Head (Mouth)

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	normalized to 1W	83.5 W/kg ± 20.3 % (k=2)
	(2000) Marcola	
SAR averaged over 10 cm^{3} (10 g) of Head TSL	condition	

SAR result with SAM Head (Neck)

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	normalized to 1W	81.7 W/kg ± 20.3 % (k=2)
SAR averaged over 10 cm ² (10 g) of Head TSL	condition	

SAR result with SAM Head (Ear)

± 20.3 % (k=2
± 19.9 % (k=2)
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¹ Additional assessments outside the current scope of SCS 0108



Appendix: Transfer Calibration at Four Validation Locations on SAM Head²

Evaluation Conditions (f=5800 MHz)

Phantom	SAM Head Phantom	For usage with cSAR3DV2-R/L
		the standard

SAR result with SAM Head (Top)

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	normalized to 1W	79.9 W/kg ± 20.3 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	

SAR result with SAM Head (Mouth)

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	normalized to 1W	86.4 W/kg ± 20.3 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	

SAR result with SAM Head (Neck)

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	normalized to 1W	77.1 W/kg ± 20.3 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	

SAR result with SAM Head (Ear)

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	normalized to 1W	54.9 W/kg ± 20.3 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	

² Additional assessments outside the current scope of SCS 0106

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