

Appendix B - DAE & Probe Calibration Certificate

Calibration Laboratory of
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Accreditation No.: SCS 0106

Client: **SGS**
Taoyuan City

Certificate No: **DAE4-1751_Mar24**

CALIBRATION CERTIFICATE

Object: **DAE4 - SD 000 D04 BP - SN: 1751**

Calibration procedure(s): **QA CAL-06.v30**
Calibration procedure for the data acquisition electronics (DAE)

Calibration date: **March 13, 2024**

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

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

Calibration Equipment used (M&PE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Kathley Multimeter Type 2001	SN: 0810278	29-Aug-23 (No:37421)	Aug-24

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Auto DAE Calibration Unit	SE UWS 053 AA 1001	23-Jan-24 (in house check)	In house check: Jan-25
Calibrator Box V2.1	SE UMS 006 AA 1002	23-Jan-24 (in house check)	In house check: Jan-25

Calibrated by: **Domènec Sellen** Function: **Laboratory Technician** Signature: 

Approved by: **Sven Kohn** Technical Manager Signature: 

Issued: March 13, 2024

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Certificate No: DAE4-1751_Mar24

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Accreditation No.: SCS 0108

Glossary

DAE data acquisition electronics
Connector angle information used in DASY system to align probe sensor X to the robot coordinate system.

Methods Applied and Interpretation of Parameters

- DC Voltage Measurement:** Calibration Factor assessed for use in DASY system by comparison with a calibrated instrument traceable to national standards. The figure given corresponds to the full scale range of the voltmeter in the respective range.
- Connector angle:** The angle of the connector is assessed measuring the angle mechanically by a tool inserted. Uncertainty is not required.
- The following parameters as documented in the Appendix contain technical information as a result from the performance test and require no uncertainty.
 - DC Voltage Measurement Linearity:** Verification of the Linearity at +10% and -10% of the nominal calibration voltage. Influence of offset voltage is included in this measurement.
 - Common mode sensitivity:** Influence of a positive or negative common mode voltage on the differential measurement.
 - Channel separation:** Influence of a voltage on the neighbor channels not subject to an input voltage.
 - AD Converter Values with inputs shorted:** Values on the internal AD converter corresponding to zero input voltage
 - Input Offset Measurement:** Output voltage and statistical results over a large number of zero voltage measurements.
 - Input Offset Current:** Typical value for information; Maximum channel input offset current, not considering the input resistance.
 - Input resistance:** Typical value for information; DAE input resistance at the connector, during internal auto-zeroing and during measurement.
 - Low Battery Alarm Voltage:** Typical value for information. Below this voltage, a battery alarm signal is generated.
 - Power consumption:** Typical value for information. Supply currents in various operating modes.

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DC Voltage Measurement

A/D - Converter Resolution nominal

High Range: 1LSB = 6.1 μ V ; full range = -100...+300 mV

Low Range: 1LSB = 61nV ; full range = -1.....+3mV

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

Calibration Factors	X	Y	Z
High Range	404.302 $\pm$ 0.02% (k=2)	404.262 $\pm$ 0.02% (k=2)	404.527 $\pm$ 0.02% (k=2)
Low Range	3.88545 $\pm$ 1.50% (k=2)	4.00007 $\pm$ 1.50% (k=2)	4.00889 $\pm$ 1.50% (k=2)

Connector Angle

Connector Angle to be used in DASY system	340.0 ° $\pm$ 1 °
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Appendix (Additional assessments outside the scope of SCS0108)

1. DC Voltage Linearity

High Range	Reading (μ V)	Difference (μ V)	Error (%)
Channel X + Input	200004.24	2.04	0.00
Channel X + Input	20012.21	2.36	0.01
Channel X - Input	-19991.88	2.30	-0.01
Channel Y + Input	200003.93	1.59	0.00
Channel Y + Input	20006.65	-1.27	-0.01
Channel Y - Input	-19993.86	0.47	-0.00
Channel Z + Input	200002.71	0.78	0.00
Channel Z + Input	20006.16	-3.77	-0.02
Channel Z - Input	-19994.28	0.07	-0.00

Low Range	Reading (μ V)	Difference (μ V)	Error (%)
Channel X + Input	2009.98	1.17	0.06
Channel X + Input	208.49	-0.63	-0.30
Channel X - Input	-190.51	0.27	-0.14
Channel Y + Input	2009.15	0.31	0.02
Channel Y + Input	208.94	-0.18	-0.08
Channel Y - Input	-191.11	-0.35	0.18
Channel Z + Input	2008.91	0.14	0.01
Channel Z + Input	208.43	-0.60	-0.29
Channel Z - Input	-192.33	-1.42	0.74

2. Common mode sensitivity

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	Common mode Input Voltage (mV)	High Range Average Reading (μ V)	Low Range Average Reading (μ V)
Channel X	200	9.27	7.52
	-200	-7.71	-8.70
Channel Y	200	12.67	12.77
	-200	-14.29	-14.57
Channel Z	200	3.15	3.40
	-200	-5.72	-5.94

3. Channel separation

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	Input Voltage (mV)	Channel X (μ V)	Channel Y (μ V)	Channel Z (μ V)
Channel X	200	-	1.78	-3.96
Channel Y	200	6.24	-	2.54
Channel Z	200	7.70	4.26	-

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4. AD-Converter Values with inputs shorted

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	High Range (LSB)	Low Range (LSB)
Channel X	15782	13277
Channel Y	16207	15182
Channel Z	16262	14305

5. Input Offset Measurement

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

Input 10M Ω

	Average (μ V)	min. Offset (μ V)	max. Offset (μ V)	Std. Deviation (μ V)
Channel X	0.99	-1.17	2.70	0.53
Channel Y	-0.25	-1.18	0.54	0.33
Channel Z	-0.57	-1.68	0.44	0.38

6. Input Offset Current

Nominal Input circuitry offset current on all channels: <25fA

7. Input Resistance (Typical values for information)

	Zeroing (k Ω m)	Measuring (M Ω m)
Channel X	200	200
Channel Y	200	200
Channel Z	200	200

8. Low Battery Alarm Voltage (Typical values for information)

Typical values	Alarm Level (VDC)
Supply (+ Vcc)	+7.5
Supply (- Vcc)	-7.5

9. Power Consumption (Typical values for information)

Typical values	Switched off (mA)	Stand by (mA)	Transmitting (mA)
Supply (+ Vcc)	+0.01	+6	+14
Supply (- Vcc)	-0.01	-6	-9

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Accreditation No.: SCS 0108

Client
SGS
Taoyuan City

Certificate No. EX-7823_Jul24

CALIBRATION CERTIFICATE

Object: EX3DV4 - SN:7823

Calibration procedure(s): QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,
QA CAL-25.v8
Calibration procedure for dosimetric E-field probes

Calibration date: July 31, 2024

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.
All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3) °C and humidity < 70%.
Calibration Equipment used (MATE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	26-Mar-24 (No. 217-04036/04037)	Mar-25
Power sensor NRP-291	SN: 103244	26-Mar-24 (No. 217-04038)	Mar-25
CCP DAK-3.3 (w/ground)	SN: 1049	05-Oct-23 (CCP DAKS 5-1249_Oct23)	Oct-24
CCP DAK-12	SN: 1016	05-Oct-23 (CCP DAK12-1016_Oct23)	Oct-24
Reference 20 dB Attenuator	SN: CC2552 (20dB)	26-Mar-24 (No. 217-04046)	Mar-25
DAE4	SN: 660	23-Feb-24 (No. 04E4-660_Feb24)	Feb-25
Reference Probe EX3DV4	SN: 7349	03-Jun-24 (No. EX3-7349_Jun24)	Jun-25

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: 02M1200574	05-Apr-16 (in house check Jun-24)	In house check: Jun-26
Power sensor E4412A	SN: MY41498087	05-Apr-16 (in house check Jun-24)	In house check: Jun-26
Power sensor E4412A	SN: 002110010	05-Apr-16 (in house check Jun-24)	In house check: Jun-26
RF generator HP 8548C	SN: US3643L01700	04-Aug-99 (in house check Jun-24)	In house check: Jun-26
Network Analyzer E8358A	SN: US1080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

	Name	Function	Signature
Calibrated by	Jeffrey Katzman	Laboratory Technician	
Approved by	Sven Kühn	Technical Manager	
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Issued: July 31, 2024			

Certificate No: EX-7823_Jul24

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Glossary

TSL	tissue simulating liquid
NORM _{x,y,z}	sensitivity in free space
ConvF	sensitivity in TSL / NORM _{x,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 ψ	ψ rotation around probe axis
Polarization θ	θ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\theta = 0$ 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:

- 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.
- ISO 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- NORM_{x,y,z}: Assessed for E-field polarization $\theta = 0$ ($f \leq 900$ MHz in TEM-cell; $f > 1800$ MHz: R22 waveguide). NORM_{x,y,z} are only intermediate values, i.e., the uncertainties of NORM_{x,y,z} does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM_{eff}(ψ , θ) = NORM_{x,y,z} * frequency_response (see Frequency Response Charts). 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.
- DCP_{x,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.
- PARR: PARR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics.
- A_{x,y,z}; B_{x,y,z}; C_{x,y,z}; D_{x,y,z}; VRR_{x,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 fat phantom using E-field or Temperature Transfer Standard for $f \leq 800$ 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 NORM_{x,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 fat 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 NORM_x (no uncertainty required).

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EX3DV4 - SN:7823

July 31, 2024

Parameters of Probe: EX3DV4 - SN:7823

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm [$\mu V/(V/m)^2$] ^A	0.80	0.61	0.58	$\pm 10.1\%$
DCP [mV] ^B	107.6	106.0	107.1	$\pm 4.7\%$

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB μV	C	D dB	VR mV	Max dev.	Max Unc ^C k = 2
0	CW	X	0.00	0.00	1.00	0.00	150.0	$\pm 1.6\%$	$\pm 4.7\%$
		Y	0.00	0.00	1.00		133.8		
		Z	0.00	0.00	1.00		125.8		
10352	Pulse Waveform (200Hz, 10%)	X	1.36	60.00	6.14	10.00	60.0	$\pm 2.5\%$	$\pm 9.6\%$
		Y	1.49	60.59	6.41		60.0		
		Z	1.72	61.48	6.81		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	10.00	72.00	9.00	6.89	80.0	$\pm 2.3\%$	$\pm 9.6\%$
		Y	0.81	60.00	4.96		80.0		
		Z	0.81	60.00	4.86		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.16	138.07	0.23	3.08	95.0	$\pm 2.8\%$	$\pm 9.6\%$
		Y	22.00	72.00	7.00		95.0		
		Z	22.00	72.00	7.00		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	11.33	93.62	0.05	2.22	120.0	$\pm 1.7\%$	$\pm 9.6\%$
		Y	11.42	154.30	11.24		120.0		
		Z	9.72	88.24	0.07		120.0		
10357	QPSK Waveform, 1 MHz	X	0.65	66.31	14.06	1.00	150.0	$\pm 3.1\%$	$\pm 9.6\%$
		Y	0.49	62.40	11.65		150.0		
		Z	0.59	66.20	14.31		150.0		
10388	QPSK Waveform, 10 MHz	X	1.47	67.44	14.78	0.00	150.0	$\pm 1.0\%$	$\pm 9.6\%$
		Y	1.23	65.05	13.10		150.0		
		Z	1.45	67.94	14.87		150.0		
10090	64-QAM Waveform, 100 kHz	X	1.75	66.20	16.26	3.01	150.0	$\pm 0.8\%$	$\pm 9.6\%$
		Y	1.66	64.00	15.53		150.0		
		Z	1.73	65.11	16.18		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.93	66.97	15.45	0.00	150.0	$\pm 1.6\%$	$\pm 9.6\%$
		Y	3.76	66.09	14.89		150.0		
		Z	2.88	67.11	15.56		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.90	66.90	15.55	0.00	150.0	$\pm 2.6\%$	$\pm 9.6\%$
		Y	3.68	65.87	15.06		150.0		
		Z	3.79	66.60	15.54		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 E₁-field uncertainty (see TS), (see Pages 5 and 6).

^B Linearization parameter uncertainty for maximum specified field strength.

^C 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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EX3DV4 - SN:7823

July 31, 2024

Parameters of Probe: EX3DV4 - SN:7823

Sensor Model Parameters

	C1 IF	C2 IF	α $^{\circ}$	T1 ms V^{-2}	T2 ms V^{-1}	T3 ms	T4 V^{-2}	T5 V^{-1}	T6
x	8.4	67.56	33.66	3.15	0.00	4.90	0.47	0.00	1.00
y	8.3	60.37	33.74	2.92	0.00	4.90	0.37	0.00	1.00
z	8.3	55.27	32.77	2.85	0.00	4.90	0.47	0.00	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	29.5°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	8 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

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EX3DV4 - SN:7823

July 31, 2024

Parameters of Probe: EX3DV4 - SN:7823

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 ^H	Depth ^G (mm)	Unc ^H (k = 2)
750	41.9	0.89	8.75	8.90	9.05	0.35	1.27	±11.0%
835	41.5	0.90	8.60	8.76	8.90	0.35	1.27	±11.0%
900	41.5	0.97	8.36	8.55	8.68	0.35	1.27	±11.0%
1450	40.5	1.20	8.80	7.85	7.98	0.35	1.27	±11.0%
1750	40.1	1.37	8.34	7.61	7.73	0.38	1.27	±11.0%
1900	40.0	1.40	7.65	7.16	7.28	0.36	1.27	±11.0%
2000	40.0	1.40	7.81	7.13	7.24	0.36	1.27	±11.0%
2300	39.5	1.67	7.54	6.87	7.08	0.36	1.27	±11.0%
2450	39.2	1.80	7.29	6.85	6.78	0.36	1.27	±11.0%
2600	39.0	1.96	7.22	6.58	6.68	0.35	1.27	±11.0%
3300	38.2	2.71	6.83	6.23	6.33	0.37	1.27	±13.1%
3500	37.9	2.91	6.63	6.05	6.15	0.37	1.27	±13.1%
3700	37.7	3.12	6.55	5.88	6.08	0.37	1.27	±13.1%
3900	37.5	3.32	6.49	5.92	6.02	0.37	1.27	±13.1%
4100	37.2	3.53	6.44	5.86	5.96	0.37	1.27	±13.1%
4200	37.1	3.63	6.38	5.83	5.92	0.37	1.27	±13.1%
4400	36.9	3.84	6.24	5.70	5.79	0.37	1.27	±13.1%
4600	36.7	4.04	6.07	5.54	5.63	0.37	1.27	±13.1%
4800	36.4	4.25	5.99	5.46	5.55	0.36	1.27	±13.1%
4850	36.3	4.40	5.87	5.35	5.44	0.36	1.27	±13.1%
5250	35.9	4.71	5.57	5.08	5.16	0.33	1.27	±13.1%
5600	35.5	5.07	5.05	4.61	4.69	0.29	1.27	±13.1%
5750	35.4	5.22	5.19	4.74	4.81	0.28	1.27	±13.1%
5850	35.2	5.32	4.99	4.55	4.62	0.27	1.27	±13.1%

^C Frequency validity above 300 MHz or ± 1.00 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 ascenders at 30, 64, 126, 150 and 200 MHz respectively. Validity of ConvF measured at 6 MHz is 4–6 MHz, and ConvF measured at 13 MHz is 9–13 MHz. Above 3 GHz frequency validity can be extended to ± 1.00 MHz.

^F The probe are calibrated using tissue simulating media (TSM) that deviate for α and ρ by less than $\pm 0\%$ from the target values (typically better than $\pm 0\%$) and are valid for TOL with deviations of up to $\pm 10\%$ if GPR correction is applied.

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

^H The stated uncertainty is the total calibration uncertainty ($k = 2$) of Norm ConvF. This is equivalent to the uncertainty component with the symbol CF in Table 9 of IEC 61010-2:2019-10:2020.

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EX3DV4 - SN:7823

July 31, 2024

Parameters of Probe: EX3DV4 - SN:7823

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc ^H (k = 2)
6500	34.5	6.07	5.34	4.87	4.96	0.20	1.27	±16.6%
7000	33.9	6.65	5.47	4.99	5.07	0.20	1.27	±16.6%

^C Frequency validity at 5.5 GHz is <66% <70% MHz, and >70% 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 probes are calibrated using tissue simulating liquids (TSL) that deviate for ϵ and σ by less than ±10% from the target values (typically better than ±5%) and are valid for TSL with deviations of up to ±10%.

^G Alpha/Depth are determined during calibration. SPAG warns that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 3–6 GHz; and below ±4% for frequencies between 6–10 GHz at any distance larger than half the probe tip diameter from the boundary.

^H The stated uncertainty is the total calibration uncertainty (k = 2) of Norm ConvF. This is equivalent to the uncertainty computed with the symbol CF in Table 3 of IEC 62226-1:2020.

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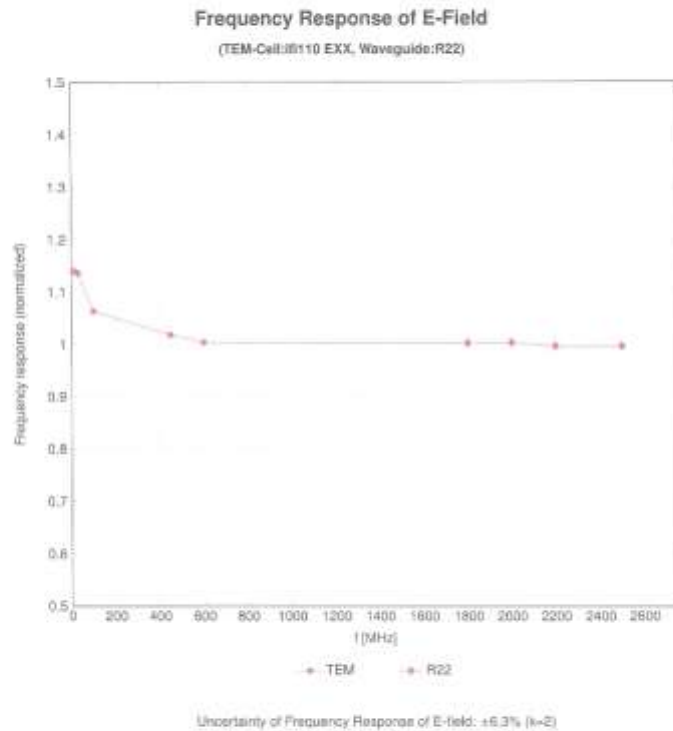
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EX3DV4 - SN:7823

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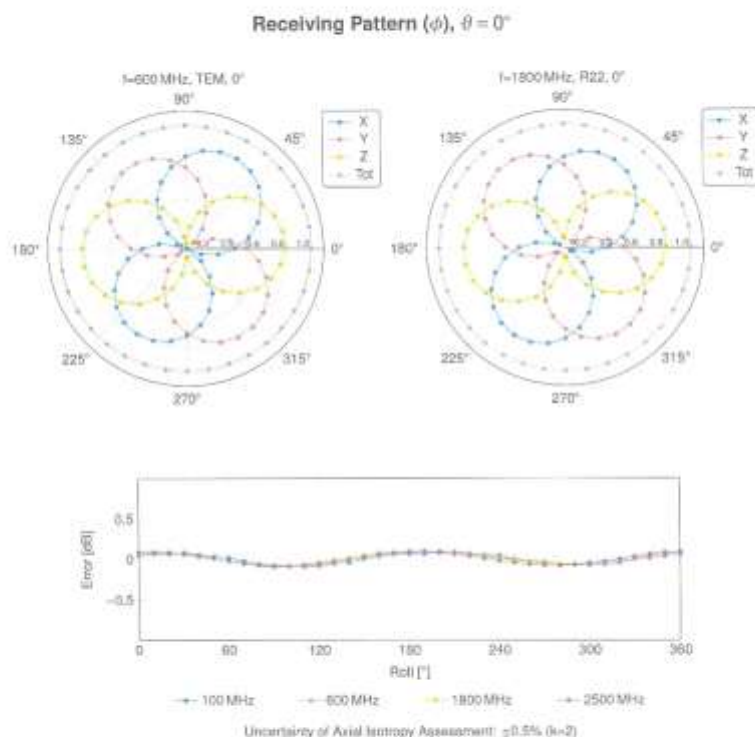
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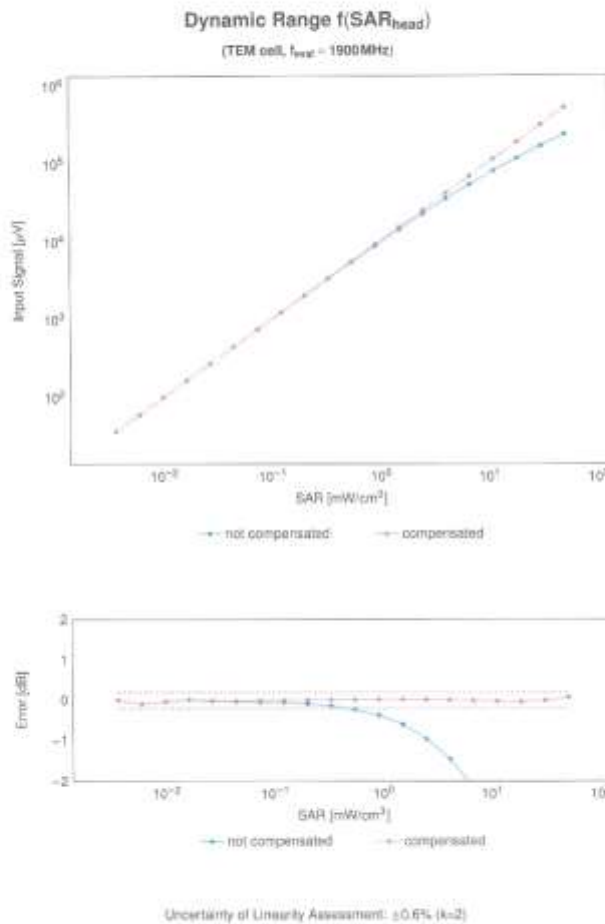
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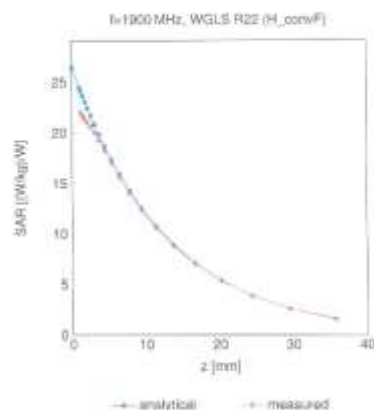
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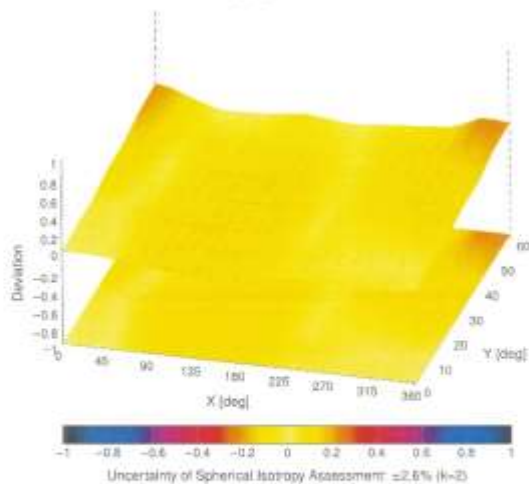
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Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error $\epsilon(\theta, \theta)$, $f = 900 \text{ MHz}$



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Appendix: Modulation Calibration Parameters

Mod	Rev	Communication System Name	Group	PAR (dB)	Unc ^a k = 2
0		CW	CW	6.00	±1.7
10010	CAB	SAR Validation (Square, 100ms, 10ms)	Test	10.00	±0.8
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±0.9
10012	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps)	WLAN	1.87	±0.8
10013	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 6Mbps)	WLAN	2.48	±0.8
10021	CAC	GSM-FDD (TDMA, GMSK)	GSM	3.39	±0.8
10023	CAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	3.87	±0.8
10024	CAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.98	±0.8
10025	CAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	12.62	±0.8
10038	CAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	12.62	±0.8
10039	CAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.82	±0.8
10040	CAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	0.56	±0.8
10046	CAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±0.8
10050	CAB	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.20	±0.8
10051	CAB	IEEE 802.15.1 Bluetooth (GFSK, DH2)	Bluetooth	1.87	±0.8
10052	CAB	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.19	±0.8
10053	CAB	IEEE 802.15.1 Bluetooth (P4-DQPSK, DH1)	Bluetooth	7.74	±0.8
10054	CAB	IEEE 802.15.1 Bluetooth (P4-DQPSK, DH2)	Bluetooth	4.53	±0.8
10055	CAB	IEEE 802.15.1 Bluetooth (P4-DQPSK, DH3)	Bluetooth	3.83	±0.8
10056	CAB	IEEE 802.15.1 Bluetooth (8-CPFSK, DH1)	Bluetooth	8.31	±0.8
10057	CAB	IEEE 802.15.1 Bluetooth (8-CPFSK, DH2)	Bluetooth	4.77	±0.8
10058	CAB	IEEE 802.15.1 Bluetooth (8-CPFSK, DH3)	Bluetooth	4.10	±0.8
10059	CAB	CDMA2000 (1xRTT, RCP)	CDMA2000	4.57	±0.8
10062	CAB	IS-54 / IS-136 FDD (TDMA-FDM, P4-DQPSK, FullRate)	AMPS	7.78	±0.8
10064	CAB	IS-413E/UTRA-RS FDD (FDMA, FMC)	AMPS	0.00	±0.8
10066	CAC	DECT (TDD, TDMA-FDM, GFSK, Full Rate, 2G)	DECT	11.90	±0.8
10069	CAC	DECT (TDD, TDMA-FDM, GFSK, Double Slot, 1G)	DECT	16.78	±0.8
10069	CAC	1xRTT-TDD (TD-SSCDMA, 1.25Mbps)	TD-SSCDMA	11.01	±0.8
10059	CAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	6.52	±0.8
10059	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 6Mbps)	WLAN	2.15	±0.8
10060	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 9Mbps)	WLAN	2.83	±0.8
10061	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 12Mbps)	WLAN	3.60	±0.8
10062	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 18Mbps)	WLAN	5.88	±0.8
10063	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 24Mbps)	WLAN	8.83	±0.8
10064	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 36Mbps)	WLAN	9.39	±0.8
10065	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 48Mbps)	WLAN	10.00	±0.8
10066	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 54Mbps)	WLAN	10.12	±0.8
10067	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 54Mbps)	WLAN	10.28	±0.8
10068	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 54Mbps)	WLAN	10.56	±0.8
10071	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 9Mbps)	WLAN	3.83	±0.8
10072	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 12Mbps)	WLAN	5.02	±0.8
10073	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 18Mbps)	WLAN	5.94	±0.8
10074	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 24Mbps)	WLAN	10.30	±0.8
10075	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 36Mbps)	WLAN	10.77	±0.8
10076	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 48Mbps)	WLAN	10.94	±0.8
10077	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 54Mbps)	WLAN	11.39	±0.8
10081	CAB	CDMA2000 (1xRTT, RCP)	CDMA2000	3.87	±0.8
10082	CAB	IS-54 / IS-136 FDD (TDMA-FDM, P4-DQPSK, FullRate)	AMPS	4.77	±0.8
10090	CAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±0.8
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±0.8
10098	CAC	UMTS-FDD (HSUPA, Slotter 2)	WCDMA	3.98	±0.8
10099	CAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.25	±0.8
10100	CAC	LTE-FDD (SC-FDMA, 100% RB, 20MHz, QPSK)	LTE-FDD	5.67	±0.8
10101	CAC	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-FDD	6.42	±0.8
10102	CAC	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-FDD	6.60	±0.8
10103	CAC	LTE-TDD (SC-FDMA, 100% RB, 20MHz, QPSK)	LTE-TDD	6.24	±0.8
10104	CAC	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-TDD	6.97	±0.8
10105	CAC	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-TDD	10.01	±0.8
10106	CAC	LTE-FDD (SC-FDMA, 100% RB, 10MHz, QPSK)	LTE-FDD	5.90	±0.8
10108	CAC	LTE-FDD (SC-FDMA, 100% RB, 10MHz, 16-QAM)	LTE-FDD	6.43	±0.8
10110	CAC	LTE-FDD (SC-FDMA, 100% RB, 10MHz, 64-QAM)	LTE-FDD	6.75	±0.8
10111	CAC	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	6.44	±0.8

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EX30V4 - SN:7824

July 31, 2024

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ² @ 1σ
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10MHz, 64-QAM)	LTE-FDD	6.58	±0.5
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-FDD	6.62	±0.5
10114	CAE	IEEE 802.11n (HT Greenfield, 13.5Mbps, BPSK)	WLAN	8.10	±0.5
10115	CAE	IEEE 802.11n (HT Greenfield, 51Mbps, 16-QAM)	WLAN	8.40	±0.5
10116	CAE	IEEE 802.11n (HT Greenfield, 155Mbps, 64-QAM)	WLAN	8.10	±0.5
10117	CAE	IEEE 802.11n (HT MIMO, 13.5Mbps, BPSK)	WLAN	8.07	±0.5
10118	CAE	IEEE 802.11n (HT MIMO, 51Mbps, 16-QAM)	WLAN	8.29	±0.5
10119	CAE	IEEE 802.11n (HT MIMO, 135Mbps, 64-QAM)	WLAN	8.13	±0.5
10140	CAP	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-FDD	6.49	±0.5
10141	CAP	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-FDD	6.53	±0.5
10142	CAP	LTE-FDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-FDD	6.73	±0.5
10143	CAP	LTE-FDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-FDD	6.25	±0.5
10144	CAP	LTE-FDD (SC-FDMA, 100% RB, 3MHz, 64-QAM)	LTE-FDD	6.84	±0.5
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-FDD	6.76	±0.5
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM)	LTE-FDD	6.41	±0.5
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, 64-QAM)	LTE-FDD	6.72	±0.5
10149	CAP	LTE-FDD (SC-FDMA, 50% RB, 20MHz, 16-QAM)	LTE-FDD	6.42	±0.5
10150	CAP	LTE-FDD (SC-FDMA, 50% RB, 20MHz, 64-QAM)	LTE-FDD	6.20	±0.5
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20MHz, QPSK)	LTE-TDD	6.28	±0.5
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-QAM)	LTE-TDD	6.60	±0.5
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 64-QAM)	LTE-TDD	10.30	±0.5
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-FDD	5.75	±0.5
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-FDD	6.43	±0.5
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-FDD	6.74	±0.5
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 16-QAM)	LTE-FDD	6.44	±0.5
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10MHz, 64-QAM)	LTE-FDD	6.62	±0.5
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 64-QAM)	LTE-FDD	6.56	±0.5
10160	CAP	LTE-FDD (SC-FDMA, 50% RB, 15MHz, QPSK)	LTE-FDD	6.62	±0.5
10161	CAP	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 16-QAM)	LTE-FDD	6.43	±0.5
10162	CAP	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 64-QAM)	LTE-FDD	6.58	±0.5
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-FDD	5.46	±0.5
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM)	LTE-FDD	6.21	±0.5
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM)	LTE-FDD	6.79	±0.5
10169	CAP	LTE-FDD (SC-FDMA, 1 RB, 33MHz, QPSK)	LTE-FDD	5.73	±0.5
10170	CAP	LTE-FDD (SC-FDMA, 1 RB, 33MHz, 16-QAM)	LTE-FDD	6.33	±0.5
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 33MHz, 64-QAM)	LTE-FDD	6.48	±0.5
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-TDD	6.21	±0.5
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 16-QAM)	LTE-TDD	6.48	±0.5
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 64-QAM)	LTE-TDD	10.23	±0.5
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10MHz, QPSK)	LTE-FDD	5.72	±0.5
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10MHz, 16-QAM)	LTE-FDD	6.32	±0.5
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	5.73	±0.5
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	6.32	±0.5
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10MHz, 64-QAM)	LTE-FDD	6.55	±0.5
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-FDD	6.56	±0.5
10181	CAP	LTE-FDD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-FDD	5.72	±0.5
10182	CAP	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-FDD	6.22	±0.5
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 64-QAM)	LTE-FDD	6.58	±0.5
10184	CAP	LTE-FDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-FDD	5.72	±0.5
10185	CAP	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-FDD	6.51	±0.5
10186	AAE	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-FDD	6.20	±0.5
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, QPSK)	LTE-FDD	5.73	±0.5
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	6.32	±0.5
10189	AAE	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	6.90	±0.5
10191	CAE	IEEE 802.11n (HT Greenfield, 6.5Mbps, BPSK)	WLAN	8.09	±0.5
10194	CAE	IEEE 802.11n (HT Greenfield, 26Mbps, 16-QAM)	WLAN	8.12	±0.5
10195	CAE	IEEE 802.11n (HT Greenfield, 65Mbps, 64-QAM)	WLAN	8.21	±0.5
10198	CAE	IEEE 802.11n (HT MIMO, 6.5Mbps, BPSK)	WLAN	8.19	±0.5
10199	CAE	IEEE 802.11n (HT MIMO, 26Mbps, 16-QAM)	WLAN	8.13	±0.5
10200	CAE	IEEE 802.11n (HT MIMO, 65Mbps, 64-QAM)	WLAN	8.27	±0.5
10201	CAE	IEEE 802.11n (HT MIMO, 45.3Mbps, 16-QAM)	WLAN	8.15	±0.5
10202	CAE	IEEE 802.11n (HT MIMO, 72.2Mbps, 64-QAM)	WLAN	8.27	±0.5
10203	CAE	IEEE 802.11n (HT MIMO, 15Mbps, BPSK)	WLAN	8.06	±0.5
10204	CAE	IEEE 802.11n (HT MIMO, 60Mbps, 16-QAM)	WLAN	8.48	±0.5
10205	CAE	IEEE 802.11n (HT MIMO, 150Mbps, 64-QAM)	WLAN	8.08	±0.5

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EX3DV4 - EN-7823

July 31, 2024

Lab	Ref	Communication System Name	Group	PAR (dB)	Unc ¹ n = 2
10225	CAC	UMTS-FDD (HSPA+)	WCDMA	9.97	±0.0
10226	CAH	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±0.0
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.29	±0.0
10228	CAH	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	8.23	±0.0
10229	CAH	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	8.48	±0.0
10230	CAH	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±0.0
10231	CAH	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±0.0
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.46	±0.0
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±0.0
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	8.21	±0.0
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.49	±0.0
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±0.0
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±0.0
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.49	±0.0
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±0.0
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±0.0
10241	CAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±0.0
10242	CAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.96	±0.0
10243	CAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±0.0
10244	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±0.0
10245	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±0.0
10246	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±0.0
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.81	±0.0
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.06	±0.0
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±0.0
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±0.0
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±0.0
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±0.0
10253	CAH	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±0.0
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±0.0
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.28	±0.0
10256	CAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.86	±0.0
10257	CAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.06	±0.0
10258	CAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±0.0
10259	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.86	±0.0
10260	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±0.0
10261	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.04	±0.0
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.80	±0.0
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±0.0
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±0.0
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±0.0
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±0.0
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.39	±0.0
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	±0.0
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±0.0
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±0.0
10274	CAG	UMTS-FDD (HSPA, Subclass 3, 30PPH H2B, 10)	WCDMA	4.87	±0.0
10275	CAG	UMTS-FDD (HSPA, Subclass 3, 30PPH H2B, 6)	WCDMA	3.96	±0.0
10277	CAG	PHS-QPSK	PHS	11.21	±0.0
10279	CAG	PHS-QPSK, BW 84 MHz, PUSC 6.3	PHS	12.18	±0.0
10280	AAB	CDMA2000, RCT, SC0, Full Rate	CDMA2000	3.91	±0.0
10281	AAB	CDMA2000, RCT, SC0, Full Rate	CDMA2000	3.46	±0.0
10282	AAB	CDMA2000, RCT, SC0, Full Rate	CDMA2000	3.39	±0.0
10283	AAB	CDMA2000, RCT, SC0, Full Rate	CDMA2000	3.50	±0.0
10284	AAB	CDMA2000, RCT, SC0, Full Rate	CDMA2000	3.48	±0.0
10287	AAG	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	9.31	±0.0
10288	AAG	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	9.72	±0.0
10289	AAG	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±0.0
10290	AAG	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.80	±0.0
10291	AAA	IEEE 802.11a WLAN (20 MHz, 5 ms, 10 MHz, QPSK, PUSC, 3 CTR, symbols)	WLAN	12.03	±0.0
10292	AAA	IEEE 802.11a WLAN (20 MHz, 5 ms, 10 MHz, QPSK, PUSC, 3 CTR, symbols)	WLAN	12.27	±0.0
10293	AAA	IEEE 802.11a WLAN (20 MHz, 5 ms, 10 MHz, 64QAM, PUSC)	WLAN	12.50	±0.0
10294	AAA	IEEE 802.11a WLAN (20 MHz, 5 ms, 10 MHz, 64QAM, PUSC)	WLAN	11.88	±0.0
10295	AAA	IEEE 802.11a WLAN (20 MHz, 5 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WLAN	15.28	±0.0
10296	AAA	IEEE 802.11a WLAN (20 MHz, 5 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WLAN	14.57	±0.0

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EX3DV4-SN:7823

July 31, 2024

UID	Ref	Communication System Name	Group	PRF (dB)	Unc. # < 2
10307	AAA	IEEE 802.11a WMAX (20-Tx, 10ms, 10MHz, QPSK, PU/DC, 16 symbols)	WIMAX	14.49	±0.5
10308	AAA	IEEE 802.11a WMAX (20-Tx, 10ms, 10MHz, 16QAM, PU/DC)	WIMAX	14.46	±0.5
10309	AAA	IEEE 802.11a WMAX (20-Tx, 10ms, 10MHz, 16QAM, AMC 2x3, 16 symbols)	WIMAX	14.58	±0.5
10310	AAA	IEEE 802.11a WMAX (20-Tx, 10ms, 10MHz, QPSK, AMC 2x3, 16 symbols)	WIMAX	14.57	±0.5
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-FDD	8.06	±0.5
10313	AAA	TDEN 1.0	TDEN	10.31	±0.5
10314	AAA	TDEN 1.0	TDEN	15.48	±0.5
10315	AAE	IEEE 802.11n WFI 2.4GHz (DSSS, 1Mbps, 90% duty cycle)	WLAN	1.75	±0.5
10316	AAE	IEEE 802.11n WFI 2.4GHz (ERP-OFDM, 6Mbps, 90% duty cycle)	WLAN	8.35	±0.5
10317	AAE	IEEE 802.11n WFI 2.4GHz (OFDM, 6Mbps, 90% duty cycle)	WLAN	8.38	±0.5
10320	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±0.5
10321	AAA	Pulse Waveform (200Hz, 20%)	Generic	8.29	±0.5
10324	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.36	±0.5
10325	AAA	Pulse Waveform (200Hz, 60%)	Generic	3.32	±0.5
10326	AAA	Pulse Waveform (200Hz, 80%)	Generic	3.07	±0.5
10327	AAA	QPSK Waveform, 1MHz	Generic	3.10	±0.5
10328	AAA	QPSK Waveform, 15MHz	Generic	2.22	±0.5
10329	AAA	64-QAM Waveform, 15MHz	Generic	8.27	±0.5
10330	AAA	64-QAM Waveform, 40MHz	Generic	8.27	±0.5
10400	AAE	IEEE 802.11ac WFI (25MHz, 64-QAM, 90% duty cycle)	WLAN	9.37	±0.5
10401	AAE	IEEE 802.11ac WFI (40MHz, 64-QAM, 90% duty cycle)	WLAN	9.60	±0.5
10402	AAE	IEEE 802.11ac WFI (80MHz, 64-QAM, 90% duty cycle)	WLAN	9.33	±0.5
10403	AAE	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.78	±0.5
10404	AAE	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.73	±0.5
10405	AAE	CDMA2000, R3, SCSS, SCH, Full Rate	CDMA2000	3.33	±0.5
10410	AAE	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, UL, Subframe=2.3.4.7.8.9, Subframe Contd.)	LTE-TDD	7.82	±0.5
10411	AAA	WLAN COOF 84-QAM, 40MHz	Generic	8.24	±0.5
10412	AAA	IEEE 802.11b WFI 2.4GHz (DSSS, 1Mbps, 90% duty cycle)	WLAN	1.54	±0.5
10413	AAA	IEEE 802.11b WFI 2.4GHz (ERP-OFDM, 4Mbps, 90% duty cycle)	WLAN	8.29	±0.5
10417	AAE	IEEE 802.11n WFI 2.4GHz (OFDM, 6Mbps, 90% duty cycle)	WLAN	8.33	±0.5
10418	AAA	IEEE 802.11n WFI 2.4GHz (DSSS-OFDM, 6Mbps, 90% duty cycle, Long preamble)	WLAN	6.16	±0.5
10419	AAA	IEEE 802.11n WFI 2.4GHz (DSSS-OFDM, 6Mbps, 90% duty cycle, Short preamble)	WLAN	6.19	±0.5
10422	AAE	IEEE 802.11n (HT Greenfield, 7.2Mbps, 40MHz)	WLAN	8.32	±0.5
10423	AAE	IEEE 802.11n (HT Greenfield, 43.3Mbps, 16-QAM)	WLAN	8.47	±0.5
10424	AAE	IEEE 802.11n (HT Greenfield, 72.2Mbps, 64-QAM)	WLAN	8.46	±0.5
10425	AAE	IEEE 802.11n (HT Greenfield, 15Mbps, 16-QAM)	WLAN	8.41	±0.5
10426	AAE	IEEE 802.11n (HT Greenfield, 60Mbps, 16-QAM)	WLAN	8.45	±0.5
10427	AAE	IEEE 802.11n (HT Greenfield, 150Mbps, 64-QAM)	WLAN	8.41	±0.5
10430	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1)	LTE-FDD	8.26	±0.5
10431	AAE	LTE-FDD (OFDMA, 10MHz, E-TM 3.1)	LTE-FDD	8.38	±0.5
10432	AAE	LTE-FDD (OFDMA, 15MHz, E-TM 3.1)	LTE-FDD	8.34	±0.5
10433	AAE	LTE-FDD (OFDMA, 20MHz, E-TM 3.1)	LTE-FDD	8.34	±0.5
10434	AAE	W-CDMA (SS Test Model 1, 64 QPSK)	WCDMA	6.00	±0.5
10435	AAE	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, UL, Subframe=2.3.4.7.8.9)	LTE-TDD	7.82	±0.5
10447	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.99	±0.5
10448	AAE	LTE-FDD (OFDMA, 10MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.93	±0.5
10449	AAE	LTE-FDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.91	±0.5
10450	AAE	LTE-FDD (OFDMA, 20MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.98	±0.5
10451	AAE	W-CDMA (SS Test Model 1, 64 QPSK, Clipping 44%)	WCDMA	7.99	±0.5
10453	AAE	Validation (Square, 10ms, 1ms)	WLAN	10.35	±0.5
10456	AAE	IEEE 802.11ac WFI (10MHz, 64-QAM, 90% duty cycle)	WLAN	9.60	±0.5
10457	AAE	UMTS-FDD (SC-FDMA)	WCDMA	6.02	±0.5
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	6.55	±0.5
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	6.25	±0.5
10460	AAE	UMTS-FDD (WCDMA, AMR)	WCDMA	3.39	±0.5
10461	AAE	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, QPSK, UL, Subframe=2.3.4.7.8.9)	LTE-TDD	7.82	±0.5
10462	AAE	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM, UL, Subframe=2.3.4.7.8.9)	LTE-TDD	8.30	±0.5
10463	AAE	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM, UL, Subframe=2.3.4.7.8.9)	LTE-TDD	8.38	±0.5
10464	AAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK, UL, Subframe=2.3.4.7.8.9)	LTE-TDD	7.82	±0.5
10465	AAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM, UL, Subframe=2.3.4.7.8.9)	LTE-TDD	8.32	±0.5
10466	AAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM, UL, Subframe=2.3.4.7.8.9)	LTE-TDD	8.57	±0.5
10467	AAE	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL, Subframe=2.3.4.7.8.9)	LTE-TDD	7.82	±0.5
10468	AAE	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM, UL, Subframe=2.3.4.7.8.9)	LTE-TDD	8.32	±0.5
10469	AAE	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM, UL, Subframe=2.3.4.7.8.9)	LTE-TDD	8.36	±0.5
10470	AAE	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, UL, Subframe=2.3.4.7.8.9)	LTE-TDD	7.82	±0.5
10471	AAE	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 16-QAM, UL, Subframe=2.3.4.7.8.9)	LTE-TDD	8.32	±0.5

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EX30V4 - SN:7823

July 31, 2024

IED	Rev	Communication System Name	Group	PAR (dB)	Min ² EIRP
10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.57	+8.5
10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	7.87	+8.5
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.32	+8.5
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.67	+8.5
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.32	+8.5
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.67	+8.5
10479	AAF	LTE-TDD (SC-FDMA, 50% RB, 14MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	7.74	+8.5
10480	AAF	LTE-TDD (SC-FDMA, 50% RB, 14MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.16	+8.5
10481	AAF	LTE-TDD (SC-FDMA, 50% RB, 14MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.46	+8.5
10482	AAF	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	7.71	+8.5
10482	AAF	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.39	+8.5
10484	AAF	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.47	+8.5
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	7.89	+8.5
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.38	+8.5
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	9.46	+8.5
10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	7.70	+8.5
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.31	+8.5
10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.34	+8.5
10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	7.71	+8.5
10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.31	+8.5
10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.55	+8.5
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	7.70	+8.5
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.37	+8.5
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.54	+8.5
10487	AAF	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	7.87	+8.5
10486	AAF	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.43	+8.5
10488	AAF	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.88	+8.5
10500	AAF	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	7.67	+8.5
10501	AAF	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.44	+8.5
10502	AAF	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.52	+8.5
10503	AAF	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	7.72	+8.5
10504	AAF	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.31	+8.5
10505	AAF	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.54	+8.5
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	7.70	+8.5
10507	AAF	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.36	+8.5
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.35	+8.5
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	7.89	+8.5
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.43	+8.5
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.51	+8.5
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	7.74	+8.5
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.42	+8.5
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.45	+8.5
10515	AAA	IEEE 802.11a WLAN 5GHz (DSSS, 2Mbps, 80% duty cycle)	WLAN	1.58	+8.5
10516	AAA	IEEE 802.11a WLAN 5GHz (DSSS, 5.5Mbps, 80% duty cycle)	WLAN	1.57	+8.5
10517	AAA	IEEE 802.11a WLAN 5GHz (DSSS, 11Mbps, 80% duty cycle)	WLAN	1.58	+8.5
10518	AAF	IEEE 802.11a WLAN 5GHz (OFDM, 9Mbps, 80% duty cycle)	WLAN	8.23	+8.5
10519	AAF	IEEE 802.11a WLAN 5GHz (OFDM, 12Mbps, 80% duty cycle)	WLAN	8.39	+8.5
10520	AAF	IEEE 802.11a WLAN 5GHz (OFDM, 18Mbps, 80% duty cycle)	WLAN	8.12	+8.5
10521	AAF	IEEE 802.11a WLAN 5GHz (OFDM, 24Mbps, 80% duty cycle)	WLAN	7.97	+8.5
10522	AAF	IEEE 802.11a WLAN 5GHz (OFDM, 36Mbps, 80% duty cycle)	WLAN	8.45	+8.5
10523	AAF	IEEE 802.11a WLAN 5GHz (OFDM, 54Mbps, 80% duty cycle)	WLAN	8.08	+8.5
10524	AAF	IEEE 802.11a WLAN 5GHz (OFDM, 84Mbps, 80% duty cycle)	WLAN	8.07	+8.5
10525	AAF	IEEE 802.11a WLAN 5GHz (MCS0, 80% duty cycle)	WLAN	8.38	+8.5
10526	AAF	IEEE 802.11a WLAN 5GHz (MCS1, 80% duty cycle)	WLAN	8.42	+8.5
10527	AAF	IEEE 802.11a WLAN 5GHz (MCS2, 80% duty cycle)	WLAN	8.31	+8.5
10528	AAF	IEEE 802.11a WLAN 5GHz (MCS3, 80% duty cycle)	WLAN	8.38	+8.5
10529	AAF	IEEE 802.11a WLAN 5GHz (MCS4, 80% duty cycle)	WLAN	8.38	+8.5
10530	AAF	IEEE 802.11a WLAN 5GHz (MCS5, 80% duty cycle)	WLAN	8.43	+8.5
10531	AAF	IEEE 802.11a WLAN 5GHz (MCS6, 80% duty cycle)	WLAN	8.29	+8.5
10532	AAF	IEEE 802.11a WLAN 5GHz (MCS7, 80% duty cycle)	WLAN	8.38	+8.5
10533	AAF	IEEE 802.11a WLAN 5GHz (MCS8, 80% duty cycle)	WLAN	8.45	+8.5
10534	AAF	IEEE 802.11a WLAN 5GHz (MCS9, 80% duty cycle)	WLAN	8.45	+8.5
10535	AAF	IEEE 802.11a WLAN 5GHz (MCS10, 80% duty cycle)	WLAN	8.32	+8.5
10536	AAF	IEEE 802.11a WLAN 5GHz (MCS11, 80% duty cycle)	WLAN	8.44	+8.5
10537	AAF	IEEE 802.11a WLAN 5GHz (MCS12, 80% duty cycle)	WLAN	8.54	+8.5
10538	AAF	IEEE 802.11a WLAN 5GHz (MCS13, 80% duty cycle)	WLAN	8.39	+8.5
10539	AAF	IEEE 802.11a WLAN 5GHz (MCS14, 80% duty cycle)	WLAN	8.39	+8.5

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EX3DN4 - SN:7823

July 31, 2024

UID	Rev	Communication System Name	Group	PAR (dB)	Unit's # of
10009	AAC	IEEE 802.11ac WiFi (20MHz) MCS8, 90% duty cycle	WLAN	6.57	-0.0
10010	AAC	IEEE 802.11ac WiFi (20MHz) MCS8, 90% duty cycle	WLAN	6.78	-0.0
10011	AAC	IEEE 802.11ac WiFi (20MHz) MCS8, 90% duty cycle	WLAN	6.78	-0.0
10012	AAC	IEEE 802.11ac WiFi (20MHz) MCS8, 90% duty cycle	WLAN	6.77	-0.0
10013	AAC	IEEE 802.11ac WiFi (20MHz) MCS8, 90% duty cycle	WLAN	6.94	-0.0
10014	AAC	IEEE 802.11ac WiFi (20MHz) MCS7, 90% duty cycle	WLAN	6.58	-0.0
10015	AAC	IEEE 802.11ac WiFi (20MHz) MCS8, 90% duty cycle	WLAN	6.82	-0.0
10016	AAC	IEEE 802.11ac WiFi (40MHz) MCS8, 90% duty cycle	WLAN	6.82	-0.0
10017	AAC	IEEE 802.11ac WiFi (40MHz) MCS1, 90% duty cycle	WLAN	6.61	-0.0
10018	AAC	IEEE 802.11ac WiFi (40MHz) MCS2, 90% duty cycle	WLAN	6.58	-0.0
10019	AAC	IEEE 802.11ac WiFi (40MHz) MCS3, 90% duty cycle	WLAN	6.88	-0.0
10020	AAC	IEEE 802.11ac WiFi (40MHz) MCS4, 90% duty cycle	WLAN	6.87	-0.0
10021	AAC	IEEE 802.11ac WiFi (40MHz) MCS5, 90% duty cycle	WLAN	6.17	-0.0
10022	AAC	IEEE 802.11ac WiFi (40MHz) MCS6, 90% duty cycle	WLAN	6.08	-0.0
10023	AAC	IEEE 802.11ac WiFi (40MHz) MCS7, 90% duty cycle	WLAN	6.82	-0.0
10024	AAC	IEEE 802.11ac WiFi (40MHz) MCS8, 90% duty cycle	WLAN	6.36	-0.0
10025	AAC	IEEE 802.11ac WiFi (40MHz) MCS9, 90% duty cycle	WLAN	6.30	-0.0
10026	AAC	IEEE 802.11ac WiFi (80MHz) MCS9, 90% duty cycle	WLAN	6.93	-0.0
10027	AAC	IEEE 802.11ac WiFi (80MHz) MCS1, 90% duty cycle	WLAN	6.88	-0.0
10028	AAC	IEEE 802.11ac WiFi (80MHz) MCS2, 90% duty cycle	WLAN	6.71	-0.0
10029	AAC	IEEE 802.11ac WiFi (80MHz) MCS3, 90% duty cycle	WLAN	6.65	-0.0
10030	AAC	IEEE 802.11ac WiFi (80MHz) MCS4, 90% duty cycle	WLAN	6.72	-0.0
10031	AAC	IEEE 802.11ac WiFi (80MHz) MCS5, 90% duty cycle	WLAN	6.81	-0.0
10032	AAC	IEEE 802.11ac WiFi (80MHz) MCS7, 90% duty cycle	WLAN	6.74	-0.0
10033	AAC	IEEE 802.11ac WiFi (80MHz) MCS8, 90% duty cycle	WLAN	6.83	-0.0
10034	AAC	IEEE 802.11ac WiFi (80MHz) MCS9, 90% duty cycle	WLAN	6.80	-0.0
10035	AAC	IEEE 802.11ac WiFi (160MHz) MCS9, 90% duty cycle	WLAN	6.01	-0.0
10036	AAC	IEEE 802.11ac WiFi (160MHz) MCS1, 90% duty cycle	WLAN	6.03	-0.0
10037	AAC	IEEE 802.11ac WiFi (160MHz) MCS1, 90% duty cycle	WLAN	6.78	-0.0
10038	AAC	IEEE 802.11ac WiFi (160MHz) MCS2, 90% duty cycle	WLAN	6.86	-0.0
10039	AAC	IEEE 802.11ac WiFi (160MHz) MCS3, 90% duty cycle	WLAN	6.88	-0.0
10040	AAC	IEEE 802.11ac WiFi (160MHz) MCS4, 90% duty cycle	WLAN	6.98	-0.0
10041	AAC	IEEE 802.11ac WiFi (160MHz) MCS5, 90% duty cycle	WLAN	6.96	-0.0
10042	AAC	IEEE 802.11ac WiFi (160MHz) MCS6, 90% duty cycle	WLAN	6.96	-0.0
10043	AAC	IEEE 802.11ac WiFi (160MHz) MCS7, 90% duty cycle	WLAN	6.89	-0.0
10044	AAC	IEEE 802.11ac WiFi (160MHz) MCS8, 90% duty cycle	WLAN	6.95	-0.0
10045	AAC	IEEE 802.11ac WiFi (160MHz) MCS9, 90% duty cycle	WLAN	6.11	-0.0
10046	AAH	LTE-TDD (SC-FDMA, 1.98, 5MHz, GPSS, UL, Subframe=2,7)	LTE-TDD	11.96	-0.0
10047	AAH	LTE-TDD (SC-FDMA, 1.98, 5MHz, GPSS, UL, Subframe=2,7)	LTE-TDD	11.96	-0.0
10048	AAH	CDMA2000 (1.98, 5MHz, GPSS, UL, Subframe=2,7)	CDMA2000	3.45	-0.0
10052	AAH	LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	-0.0
10053	AAH	LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	-0.0
10054	AAH	LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	-0.0
10055	AAH	LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	-0.0
10056	AAB	Pulse Waveform (20MHz, 10%)	Test	10.00	-0.0
10059	AAB	Pulse Waveform (20MHz, 10%)	Test	6.39	-0.0
10060	AAB	Pulse Waveform (20MHz, 40%)	Test	3.98	-0.0
10061	AAB	Pulse Waveform (20MHz, 80%)	Test	2.22	-0.0
10062	AAB	Pulse Waveform (20MHz, 80%)	Test	0.87	-0.0
10070	AAA	Bluetooth Low Energy	Bluetooth	2.18	-0.0
10071	AAC	IEEE 802.11ac (20MHz) MCS6, 90% duty cycle	WLAN	6.08	-0.0
10072	AAC	IEEE 802.11ac (20MHz) MCS1, 90% duty cycle	WLAN	6.67	-0.0
10073	AAC	IEEE 802.11ac (20MHz) MCS2, 90% duty cycle	WLAN	6.76	-0.0
10074	AAC	IEEE 802.11ac (20MHz) MCS3, 90% duty cycle	WLAN	6.74	-0.0
10075	AAC	IEEE 802.11ac (20MHz) MCS4, 90% duty cycle	WLAN	6.80	-0.0

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July 31, 2024

UID	Rev	Communication System Name	Group	PMH (dB)	Unc ² k = 2
10687	AAC	IEEE 802.11ax (20 MHz), MCS4, 9000 duty cycle	WLAN	8.45	+0.5
10688	AAC	IEEE 802.11ax (20 MHz), MCS5, 9000 duty cycle	WLAN	8.29	+0.5
10689	AAC	IEEE 802.11ax (20 MHz), MCS6, 9000 duty cycle	WLAN	8.25	+0.5
10690	AAC	IEEE 802.11ax (20 MHz), MCS7, 9000 duty cycle	WLAN	8.29	+0.5
10691	AAC	IEEE 802.11ax (20 MHz), MCS8, 9000 duty cycle	WLAN	8.35	+0.5
10692	AAC	IEEE 802.11ax (20 MHz), MCS9, 9000 duty cycle	WLAN	8.39	+0.5
10693	AAC	IEEE 802.11ax (20 MHz), MCS10, 9000 duty cycle	WLAN	8.25	+0.5
10694	AAC	IEEE 802.11ax (20 MHz), MCS11, 9000 duty cycle	WLAN	8.57	+0.5
10695	AAC	IEEE 802.11ax (40 MHz), MCS0, 9000 duty cycle	WLAN	8.59	+0.5
10696	AAC	IEEE 802.11ax (40 MHz), MCS1, 9000 duty cycle	WLAN	8.61	+0.5
10697	AAC	IEEE 802.11ax (40 MHz), MCS2, 9000 duty cycle	WLAN	8.61	+0.5
10698	AAC	IEEE 802.11ax (40 MHz), MCS3, 9000 duty cycle	WLAN	8.69	+0.5
10699	AAC	IEEE 802.11ax (40 MHz), MCS4, 9000 duty cycle	WLAN	8.62	+0.5
10700	AAC	IEEE 802.11ax (40 MHz), MCS5, 9000 duty cycle	WLAN	8.73	+0.5
10701	AAC	IEEE 802.11ax (40 MHz), MCS6, 9000 duty cycle	WLAN	8.66	+0.5
10702	AAC	IEEE 802.11ax (40 MHz), MCS7, 9000 duty cycle	WLAN	8.70	+0.5
10703	AAC	IEEE 802.11ax (40 MHz), MCS8, 9000 duty cycle	WLAN	8.62	+0.5
10704	AAC	IEEE 802.11ax (40 MHz), MCS9, 9000 duty cycle	WLAN	8.68	+0.5
10705	AAC	IEEE 802.11ax (40 MHz), MCS10, 9000 duty cycle	WLAN	8.63	+0.5
10706	AAC	IEEE 802.11ax (40 MHz), MCS11, 9000 duty cycle	WLAN	8.68	+0.5
10707	AAC	IEEE 802.11ax (40 MHz), MCS0, 9000 duty cycle	WLAN	8.31	+0.5
10708	AAC	IEEE 802.11ax (40 MHz), MCS1, 9000 duty cycle	WLAN	8.28	+0.5
10709	AAC	IEEE 802.11ax (40 MHz), MCS2, 9000 duty cycle	WLAN	8.33	+0.5
10710	AAC	IEEE 802.11ax (40 MHz), MCS3, 9000 duty cycle	WLAN	8.29	+0.5
10711	AAC	IEEE 802.11ax (40 MHz), MCS4, 9000 duty cycle	WLAN	8.39	+0.5
10712	AAC	IEEE 802.11ax (40 MHz), MCS5, 9000 duty cycle	WLAN	8.07	+0.5
10713	AAC	IEEE 802.11ax (40 MHz), MCS6, 9000 duty cycle	WLAN	8.39	+0.5
10714	AAC	IEEE 802.11ax (40 MHz), MCS7, 9000 duty cycle	WLAN	8.26	+0.5
10715	AAC	IEEE 802.11ax (40 MHz), MCS8, 9000 duty cycle	WLAN	8.49	+0.5
10716	AAC	IEEE 802.11ax (40 MHz), MCS9, 9000 duty cycle	WLAN	8.30	+0.5
10717	AAC	IEEE 802.11ax (40 MHz), MCS10, 9000 duty cycle	WLAN	8.48	+0.5
10718	AAC	IEEE 802.11ax (40 MHz), MCS11, 9000 duty cycle	WLAN	8.34	+0.5
10719	AAC	IEEE 802.11ax (80 MHz), MCS0, 9000 duty cycle	WLAN	8.61	+0.5
10720	AAC	IEEE 802.11ax (80 MHz), MCS1, 9000 duty cycle	WLAN	8.67	+0.5
10721	AAC	IEEE 802.11ax (80 MHz), MCS2, 9000 duty cycle	WLAN	8.76	+0.5
10722	AAC	IEEE 802.11ax (80 MHz), MCS3, 9000 duty cycle	WLAN	8.55	+0.5
10723	AAC	IEEE 802.11ax (80 MHz), MCS4, 9000 duty cycle	WLAN	8.70	+0.5
10724	AAC	IEEE 802.11ax (80 MHz), MCS5, 9000 duty cycle	WLAN	8.65	+0.5
10725	AAC	IEEE 802.11ax (80 MHz), MCS6, 9000 duty cycle	WLAN	8.74	+0.5
10726	AAC	IEEE 802.11ax (80 MHz), MCS7, 9000 duty cycle	WLAN	8.72	+0.5
10727	AAC	IEEE 802.11ax (80 MHz), MCS8, 9000 duty cycle	WLAN	8.66	+0.5
10728	AAC	IEEE 802.11ax (80 MHz), MCS9, 9000 duty cycle	WLAN	8.65	+0.5
10729	AAC	IEEE 802.11ax (80 MHz), MCS10, 9000 duty cycle	WLAN	8.64	+0.5
10730	AAC	IEEE 802.11ax (80 MHz), MCS11, 9000 duty cycle	WLAN	8.67	+0.5
10731	AAC	IEEE 802.11ax (80 MHz), MCS0, 9000 duty cycle	WLAN	8.42	+0.5
10732	AAC	IEEE 802.11ax (80 MHz), MCS1, 9000 duty cycle	WLAN	8.46	+0.5
10733	AAC	IEEE 802.11ax (80 MHz), MCS2, 9000 duty cycle	WLAN	8.40	+0.5
10734	AAC	IEEE 802.11ax (80 MHz), MCS3, 9000 duty cycle	WLAN	8.45	+0.5
10735	AAC	IEEE 802.11ax (80 MHz), MCS4, 9000 duty cycle	WLAN	8.33	+0.5
10736	AAC	IEEE 802.11ax (80 MHz), MCS5, 9000 duty cycle	WLAN	8.27	+0.5
10737	AAC	IEEE 802.11ax (80 MHz), MCS6, 9000 duty cycle	WLAN	8.36	+0.5
10738	AAC	IEEE 802.11ax (80 MHz), MCS7, 9000 duty cycle	WLAN	8.42	+0.5
10739	AAC	IEEE 802.11ax (80 MHz), MCS8, 9000 duty cycle	WLAN	8.29	+0.5
10740	AAC	IEEE 802.11ax (80 MHz), MCS9, 9000 duty cycle	WLAN	8.49	+0.5
10741	AAC	IEEE 802.11ax (80 MHz), MCS10, 9000 duty cycle	WLAN	8.46	+0.5
10742	AAC	IEEE 802.11ax (80 MHz), MCS11, 9000 duty cycle	WLAN	8.43	+0.5
10743	AAC	IEEE 802.11ax (160 MHz), MCS0, 9000 duty cycle	WLAN	8.94	+0.5
10744	AAC	IEEE 802.11ax (160 MHz), MCS1, 9000 duty cycle	WLAN	8.16	+0.5
10745	AAC	IEEE 802.11ax (160 MHz), MCS2, 9000 duty cycle	WLAN	8.03	+0.5
10746	AAC	IEEE 802.11ax (160 MHz), MCS3, 9000 duty cycle	WLAN	8.11	+0.5
10747	AAC	IEEE 802.11ax (160 MHz), MCS4, 9000 duty cycle	WLAN	8.04	+0.5
10748	AAC	IEEE 802.11ax (160 MHz), MCS5, 9000 duty cycle	WLAN	8.09	+0.5
10749	AAC	IEEE 802.11ax (160 MHz), MCS6, 9000 duty cycle	WLAN	8.30	+0.5
10750	AAC	IEEE 802.11ax (160 MHz), MCS7, 9000 duty cycle	WLAN	8.79	+0.5
10751	AAC	IEEE 802.11ax (160 MHz), MCS8, 9000 duty cycle	WLAN	8.63	+0.5
10752	AAC	IEEE 802.11ax (160 MHz), MCS9, 9000 duty cycle	WLAN	8.81	+0.5

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FX9DW4-SN/7823

July 31, 2024

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EX3DV4 - SN:7823

July 31, 2024

ID	Ref	Communication System Name	Group	PRB (Hz)	Max # = 3
10030	AAZ	5G NR (CP-OFDM, 15MHz RB, 150MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.40	1.95
10031	AAZ	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.65	1.95
10031	AAZ	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.75	1.95
10032	AAZ	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.74	1.95
10033	AAZ	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.70	1.95
10034	AAZ	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.75	1.95
10035	AAZ	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.70	1.95
10036	AAZ	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.66	1.95
10037	AAZ	5G NR (CP-OFDM, 1 RB, 60MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.68	1.95
10038	AAZ	5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.70	1.95
10040	AAZ	5G NR (CP-OFDM, 1 RB, 90MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.67	1.95
10041	AAZ	5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.71	1.95
10042	AAZ	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.40	1.95
10044	AAZ	5G NR (CP-OFDM, 50% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.34	1.95
10045	AAZ	5G NR (CP-OFDM, 50% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.41	1.95
10054	AAZ	5G NR (CP-OFDM, 100% RB, 150MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.34	1.95
10055	AAZ	5G NR (CP-OFDM, 100% RB, 150MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.38	1.95
10056	AAZ	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.37	1.95
10057	AAZ	5G NR (CP-OFDM, 100% RB, 150MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.36	1.95
10058	AAZ	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.38	1.95
10059	AAZ	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.34	1.95
10060	AAZ	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.41	1.95
10061	AAZ	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.40	1.95
10062	AAZ	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.41	1.95
10063	AAZ	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.40	1.95
10064	AAZ	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.37	1.95
10065	AAZ	5G NR (CP-OFDM, 100% RB, 120MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.41	1.95
10066	AAZ	5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.38	1.95
10068	AAZ	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.38	1.95
10069	AAZ	5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 120kHz)	5G NR FR1 TDD	8.37	1.95
10070	AAZ	5G NR (CP-OFDM, 1 RB, 100MHz, 180AM, 120kHz)	5G NR FR1 TDD	8.37	1.95
10071	AAZ	5G NR (CP-OFDM, 100% RB, 100MHz, 180AM, 120kHz)	5G NR FR1 TDD	8.32	1.95
10072	AAZ	5G NR (CP-OFDM, 100% RB, 100MHz, 180AM, 120kHz)	5G NR FR1 TDD	8.31	1.95
10073	AAZ	5G NR (CP-OFDM, 1 RB, 100MHz, 180AM, 120kHz)	5G NR FR1 TDD	8.65	1.95
10074	AAZ	5G NR (CP-OFDM, 100% RB, 120MHz, 60QAM, 120kHz)	5G NR FR1 TDD	8.65	1.95
10075	AAZ	5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 120kHz)	5G NR FR1 TDD	7.78	1.95
10076	AAZ	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 120kHz)	5G NR FR1 TDD	8.39	1.95
10077	AAZ	5G NR (CP-OFDM, 1 RB, 100MHz, 180AM, 120kHz)	5G NR FR1 TDD	7.95	1.95
10078	AAZ	5G NR (CP-OFDM, 100% RB, 100MHz, 180AM, 120kHz)	5G NR FR1 TDD	8.41	1.95
10079	AAZ	5G NR (CP-OFDM, 1 RB, 100MHz, 60QAM, 120kHz)	5G NR FR1 TDD	8.12	1.95
10080	AAZ	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 120kHz)	5G NR FR1 TDD	8.38	1.95
10081	AAZ	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 120kHz)	5G NR FR1 TDD	8.37	1.95
10082	AAZ	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.36	1.95
10083	AAZ	5G NR (CP-OFDM, 1 RB, 50MHz, 180AM, 120kHz)	5G NR FR1 TDD	8.57	1.95
10084	AAZ	5G NR (CP-OFDM, 100% RB, 30MHz, 180AM, 120kHz)	5G NR FR1 TDD	8.53	1.95
10085	AAZ	5G NR (CP-OFDM, 1 RB, 50MHz, 60QAM, 120kHz)	5G NR FR1 TDD	8.61	1.95
10086	AAZ	5G NR (CP-OFDM, 100% RB, 30MHz, 60QAM, 120kHz)	5G NR FR1 TDD	8.68	1.95

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EX30V4 - SN:7823

July 31, 2024

UID	Rev	Communication System Name	Group	Power (dBm)	Unit # = 2
10911	AAB	SG NR (DFT-s-OFDM, 50% RB, 25MHz, QPSK, 20kHz)	SG NR FR1 TDD	5.02	±0.5
10912	AAC	SG NR (DFT-s-OFDM, 50% RB, 20MHz, QPSK, 20kHz)	SG NR FR1 TDD	5.04	±0.6
10913	AAC	SG NR (DFT-s-OFDM, 50% RB, 40MHz, QPSK, 20kHz)	SG NR FR1 TDD	5.04	±0.6
10914	AAC	SG NR (DFT-s-OFDM, 50% RB, 80MHz, QPSK, 20kHz)	SG NR FR1 TDD	5.05	±0.5
10915	AAC	SG NR (DFT-s-OFDM, 50% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.03	±0.5
10916	AAC	SG NR (DFT-s-OFDM, 50% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.07	±0.4
10917	AAC	SG NR (DFT-s-OFDM, 50% RB, 100MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.04	±0.6
10918	AAC	SG NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.06	±0.5
10919	AAC	SG NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.07	±0.5
10920	AAC	SG NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.04	±0.5
10921	AAC	SG NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.03	±0.6
10922	AAC	SG NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.04	±0.6
10923	AAC	SG NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.04	±0.6
10924	AAC	SG NR (DFT-s-OFDM, 100% RB, 40MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.05	±0.5
10925	AAC	SG NR (DFT-s-OFDM, 100% RB, 60MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.04	±0.5
10926	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.04	±0.5
10927	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.02	±0.6
10928	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.02	±0.6
10929	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.02	±0.6
10930	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.02	±0.6
10931	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10932	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10933	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10934	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10935	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10936	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10937	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10938	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10939	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10940	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10941	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10942	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10943	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10944	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10945	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10946	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10947	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10948	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10949	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10950	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10951	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10952	AAC	SG NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.01	±0.6
10953	AAA	SG NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.28	±0.6
10954	AAA	SG NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.15	±0.6
10955	AAA	SG NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.23	±0.5
10956	AAA	SG NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.42	±0.5
10957	AAA	SG NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.14	±0.6
10958	AAA	SG NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.31	±0.6
10959	AAA	SG NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.01	±0.6
10960	AAA	SG NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.33	±0.6
10961	AAA	SG NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.52	±0.6
10962	AAA	SG NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.40	±0.6
10963	AAA	SG NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.55	±0.6
10964	AAA	SG NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.19	±0.6
10965	AAA	SG NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.57	±0.6
10966	AAA	SG NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.55	±0.6
10967	AAA	SG NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.42	±0.6
10968	AAA	SG NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	SG NR FR1 FDD	8.49	±0.6
10969	AAA	SG NR (CP-OFDM, 100% RB, 100MHz, QPSK, 30kHz)	SG NR FR1 TDD	10.28	±0.6
10970	AAA	ULLA	ULLA	1.18	±0.6
10971	AAA	ULLA-HDRH	ULLA	5.58	±0.6
10972	AAA	ULLA-HDRH	ULLA	10.32	±0.6
10973	AAA	ULLA-HDRH	ULLA	3.19	±0.6
10974	AAA	ULLA-HDRH	ULLA	3.43	±0.6

Certificate No: EX-7823_3u24

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Member of SGS Group

EX3DN4 - EN7823

July 31, 2024

ID#	Rev	Communication System Name	Group	PAR (dB)	Limit ^F E = 2
10883	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	0.31	±3.5
10884	AAB	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	0.42	±3.5
10885	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.54	±3.5
10886	AAB	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.55	±3.5
10887	AAC	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.59	±3.5
10888	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.38	±3.5
10889	AAC	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.33	±3.5
10890	AAB	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.52	±3.5
11000	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	±5.5
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±5.5
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	0.70	±5.5
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	0.95	±5.5
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	0.48	±5.5
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	0.51	±5.5
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	0.74	±5.5
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	0.55	±5.5
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	0.58	±5.5
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	0.60	±5.5
11013	AAB	IEEE 802.11ac (200 MHz, MCS1, 900c duty cycle)	WLAN	0.47	±5.5
11014	AAB	IEEE 802.11ac (200 MHz, MCS2, 900c duty cycle)	WLAN	0.48	±5.5
11015	AAB	IEEE 802.11ac (200 MHz, MCS3, 900c duty cycle)	WLAN	0.44	±5.5
11016	AAB	IEEE 802.11ac (200 MHz, MCS4, 900c duty cycle)	WLAN	0.44	±5.5
11017	AAB	IEEE 802.11ac (200 MHz, MCS5, 900c duty cycle)	WLAN	0.31	±5.5
11018	AAB	IEEE 802.11ac (200 MHz, MCS6, 900c duty cycle)	WLAN	0.42	±5.5
11019	AAB	IEEE 802.11ac (200 MHz, MCS7, 900c duty cycle)	WLAN	0.29	±5.5
11020	AAB	IEEE 802.11ac (200 MHz, MCS8, 900c duty cycle)	WLAN	0.27	±5.5
11021	AAB	IEEE 802.11ac (200 MHz, MCS9, 900c duty cycle)	WLAN	0.42	±5.5
11022	AAB	IEEE 802.11ac (100 MHz, MCS10, 900c duty cycle)	WLAN	0.36	±5.5
11023	AAB	IEEE 802.11ac (100 MHz, MCS11, 900c duty cycle)	WLAN	0.09	±5.5
11024	AAB	IEEE 802.11ac (100 MHz, MCS12, 900c duty cycle)	WLAN	0.40	±5.5
11025	AAB	IEEE 802.11ac (100 MHz, MCS13, 900c duty cycle)	WLAN	0.37	±5.5
11026	AAB	IEEE 802.11ac (100 MHz, MCS14, 900c duty cycle)	WLAN	0.30	±5.5

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

- End of report -

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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