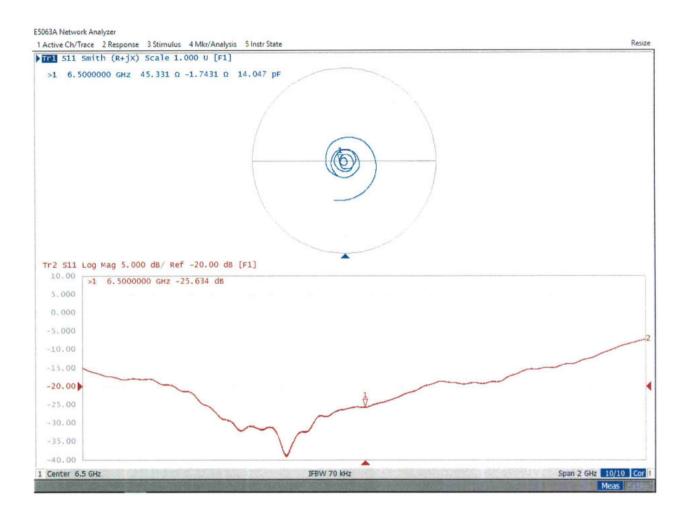
Impedance Measurement Plot for Head TSL



Calibration Laboratory of

Schmid & Partner

Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland





C

S

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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Client

Eurofins E&E Wireless

Taoyuan City

Certificate No. 5G-Veri10-2003_Feb24

IBRATION CERTIFICATE

Object

5G Verification Source 10 GHz - SN: 2003

Calibration procedure(s)

QA CAL-45.v5

Calibration procedure for sources in air above 6 GHz

Calibration date:

February 12, 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&TE critical for calibration)

Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Reference Probe EUmmWV3	SN: 9374	04-Dec-23 (No. EUmm-9374_Dec23)	Dec-24
DAE4ip	SN: 1602	08-Nov-23 (No. DAE4ip-1602_Nov23)	Nov-24

Secondary Standards	ID#	Check Date (in house)	Scheduled Check
RF generator R&S SMF100A	SN: 100184	29-Nov-23 (in house check Nov-23)	In house check: Nov-24
Power sensor R&S NRP18S-10	SN: 101258	29-Nov-23 (in house check Nov-23)	In house check: Nov-24
Network Analyzer Keysight E5063A	SN: MY54504221	31-Oct-19 (in house check Oct-22)	In house check: Oct-25

Calibrated by:

Name

Function

Approved by:

Leif Klysner

Sven Kühn

Laboratory Technician

Technical Manager

Issued: February 16, 2024

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Certificate No: 5G-Veri10-2003 Feb24

Page 1 of 8

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





C

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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Multilateral Agreement for the recognition of calibration certificates

Glossary

CW

Continuous wave

Calibration is Performed According to the Following Standards

- Internal procedure QA CAL-45, Calibration procedure for sources in air above 6 GHz.
- IEC/IEEE 63195-1, "Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz)", May 2022

Methods Applied and Interpretation of Parameters

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

Calibrated Quantity

 Local peak E-field (V/m) and average of peak spatial components of the poynting vector (W/m²) averaged over the surface area of 1 cm² and 4cm² at the nominal operational frequency of the verification source. Both square and circular averaging results are listed.

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: 5G-Veri10-2003_Feb24 Page 2 of 8

Measurement Conditions

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

DASY Version	DASY8 Module mmWave	V3.2
Phantom	5G Phantom	
Distance Horn Aperture - plane	10 mm	
Number of measured planes	2 (10mm, 10mm + λ/4)	
Frequency	10 GHz ± 10 MHz	

Calibration Parameters, 10 GHz

Circular Averaging

	~ ~ ~					
Distance Horn	Prad¹	Max E-field	Uncertainty	Avg Powe	er Density	Uncertainty
Aperture to	(mW)	(V/m)	(k = 2)	Avg (psPDn+, psF	PDtot+, psPDmod+)	(k = 2)
Measured Plane				(W	/m²)	
				1 cm ²	4 cm ²	
10 mm	138	292	1.27 dB	228	180	1.28 dB

Distance Horn	Prad1	Max E-field	Uncertainty	Power	Density	Uncertainty
Aperture to	(mW)	(V/m)	(k = 2)	psPDn+, psPDt	ot+, psPDmod+	(k = 2)
Measured Plane				(W	/m²)	
				1 cm ²	4 cm ²	
10 mm	138	292	1.27 dB	227, 228, 230	178, 178, 184	1.28 dB

Square Averaging

Distance Horn	Prad1	Max E-field	Uncertainty	Avg Powe	er Density	Uncertainty
Aperture to	(mW)	(V/m)	(k = 2)	Avg (psPDn+, psl	PDtot+, psPDmod+)	(k = 2)
Measured Plane			'	(W.	/m²)	
				1 cm ²	4 cm ²	
10 mm	138	292	1.27 dB	228	180	1.28 dB

Distance Horn	Prad1	Max E-field	Uncertainty	Power	Density	Uncertainty
Aperture to	(mW)	(V/m)	(k = 2)	psPDn+, psPDt	ot+, psPDmod+	(k = 2)
Measured Plane				(W	/m²)	
				1 cm ²	4 cm ²	
10 mm	138	292	1.27 dB	227, 228, 230	177, 178, 184	1.28 dB

Max Power Density

Distance Horn	Prad1	Max E-field	Uncertainty	Max Power Density	Uncertainty
Aperture to	(mW)	(V/m)	(k = 2)	Sn, Stot, Stot	(k = 2)
Measured Plane				(W/m²)	
10 mm	138	292	1.27 dB	248, 248, 248	1.28 dB

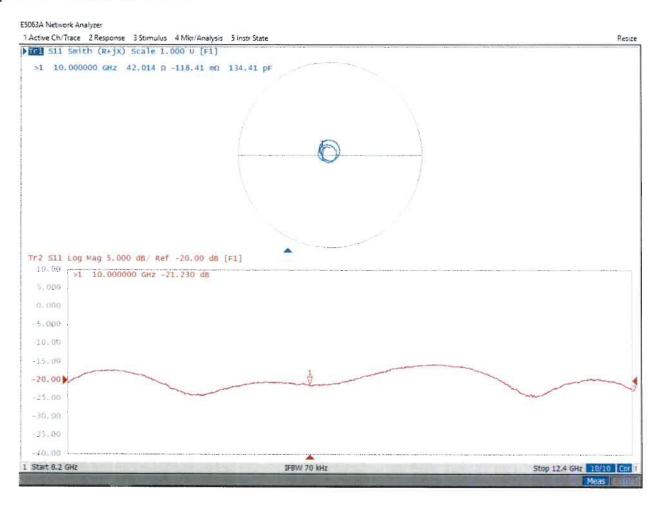
 $^{^{\}rm 1}$ Assessed ohmic and mismatch loss plus numerical offset: 0.60 dB

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters

Impedance, transformed to feed point	42.0 Ω - 0.1 jΩ
Return Loss	- 21.2 dB

Impedance Measurement Plot



Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Properties

Name, Manufacturer 5G Verification Source 10 GHz

Dimensions [mm] 100.0 x 100.0 x 100.0 IMEI SN: 2003 **DUT Type**

Exposure Conditions

Phantom Section

Position, Test Distance

Group,

CW

5G Scan

MAIA not used

10.0

Frequency [MHz], **Channel Number**

Conversion Factor

[mm] 5G -

10.0 mm

Validation band

10000.0,

10000

1.0

Hardware Setup

Phantom mmWave Phantom - 1002 Medium Air

Probe, Calibration Date

EUmmWV3 - SN9374_F1-55GHz,

DAE4ip Sn1602, 2023-11-08

DAE, Calibration Date

2023-12-04

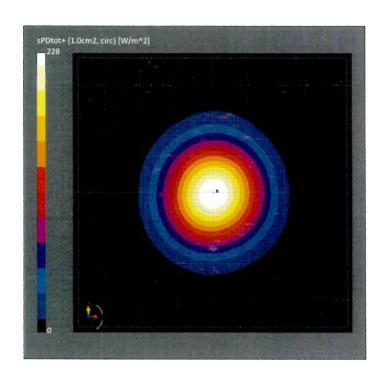
Scan Setup

Sensor Surface [mm]

MAIA

Measurement Results

5G Scan Date 2024-02-12, 16:48 Avg. Area [cm²] 1.00 Avg. Type Circular Averaging psPDn+ [W/m²] 227 psPDtot+ [W/m²] 228 psPDmod+ [W/m²] 230 Max(Sn) [W/m²] 248 Max(Stot) [W/m²] 248 Max(|Stot|) [W/m2] 248 292 $E_{max}[V/m]$ Power Drift [dB] 0.01



Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Properties

 Name, Manufacturer
 Dimensions [mm]
 IMEI
 DUT Type

 5G Verification Source 10 GHz
 100.0 x 100.0 x 100.0
 SN: 2003

Exposure Conditions

Phantom Section Position, Test Distance [mm] Group, Frequency [MHz], Channel Number

5G - 10.0 mm Validation band CW 10000.0, 10000

Hardware Setup

PhantomMediumProbe, Calibration DateDAE, Calibration DatemmWave Phantom - 1002AirEUmmWV3 - SN9374_F1-55GHz,
2023-12-04DAE4ip Sn1602,
2023-11-08

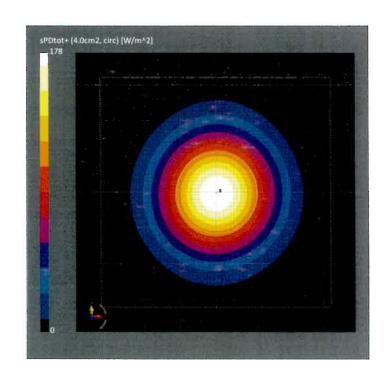
Scan Setup

5G Scan 5G Scan 2024-02-12, 16:48 Sensor Surface [mm] 10.0 Date MAIA MAIA not used Avg. Area [cm²] 4.00 Circular Averaging Avg. Type psPDn+ [W/m²] 178 psPDtot+ [W/m²] 178 psPDmod+ [W/m²] 184 Max(Sn) [W/m²] 248 Max(Stot) [W/m2] 248 Max(|Stot|) [W/m²] 248 E_{max} [V/m] 292

Measurement Results

Power Drift [dB]

0.01



Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Properties

 Name, Manufacturer
 Dimensions [mm]
 IMEI
 DUT Type

 5G Verification Source 10 GHz
 100.0 x 100.0 x 100.0
 SN: 2003

Exposure Conditions

Phantom Section Position, Test Distance [mm] Group, Frequency [MHz], Conversion Factor Channel Number

5G - 10.0 mm Validation band CW 10000.0, 1.0

10.0 mm Validation band CW 10000.0, 1 10000

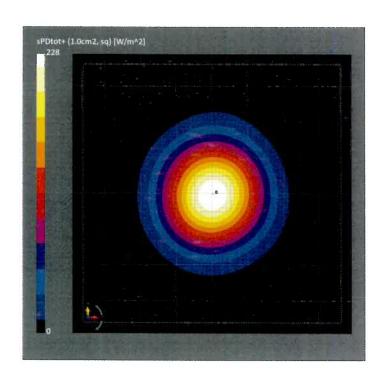
Hardware Setup

PhantomMediumProbe, Calibration DateDAE, Calibration DatemmWave Phantom - 1002AirEUmmWV3 - SN9374_F1-55GHz,DAE4ip Sn1602,2023-12-042023-11-08

Scan Setup

	5G Scan		5G Scan
Sensor Surface [mm]	10.0	Date	2024-02-12, 16:48
MAIA	MAIA not used	Avg. Area [cm ²]	1.00
		Avg. Type	Square Averaging
		psPDn+ [W/m ²]	227
		psPDtot+ [W/m²]	228
		psPDmod+ [W/m²]	230
		Max(Sn) [W/m ²]	248
		Max(Stot) [W/m ²]	248
		Max(Stot) [W/m ²]	248
		E _{max} [V/m]	292
		Power Drift [dB]	0.01

Measurement Results



Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Properties

 Name, Manufacturer
 Dimensions [mm]
 IMEI
 DUT Type

 5G Verification Source 10 GHz
 100.0 x 100.0 x 100.0
 SN: 2003

Exposure Conditions

Phantom Section Position, Test Distance [mm] Group, Frequency [MHz], Conversion Factor Channel Number

5G - 10.0 mm Validation band CW 10000.0, 100000

Hardware Setup

PhantomMediumProbe, Calibration DateDAE, Calibration DatemmWave Phantom - 1002AirEUmmWV3 - SN9374_F1-55GHz,DAE4ip Sn1602,2023-12-042023-11-08

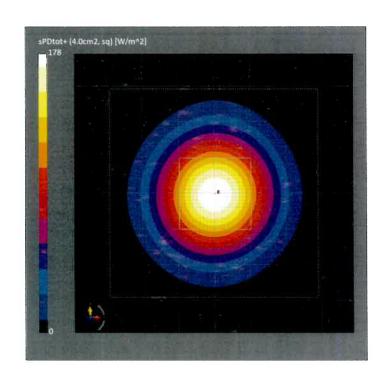
Scan Setup

	5G Scan		5G Scan
Sensor Surface [mm]	10.0	Date	2024-02-12, 16:48
MAIA	MAIA not used	Avg. Area [cm ²]	4.00
		Avg. Type	Square Averaging
		psPDn+ [W/m²]	177
		psPDtot+ [W/m²]	178
		psPDmod+ [W/m²]	184
		Max(Sn) [W/m ²]	248
		Max(Stot) [W/m ²]	248
		Max(Stot) [W/m ²]	248
		E _{max} [V/m]	292

Measurement Results

Power Drift [dB]

0.01



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





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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Client

Eurofins E&E Wireless New Taipei City

Certificate No. 5G-Veri10-1060_Aug23

CALIBRATION CERTIFICATE

Object

5G Verification Source 10 GHz - SN: 1060

Calibration procedure(s)

QA CAL-45.v4

Calibration procedure for sources in air above 6 GHz

Calibration date:

August 21, 2023

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

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

Calibration Equipment used (M&TE critical for calibration)

ID#

Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Reference Probe EUmmWV3	SN: 9374	22-May-23 (No. EUmm-9374_May23)	May-24
DAE4ip	SN: 1602	05-Jul-23 (No. DAE4ip-1602_Jul23)	Jul-24
Secondary Standards	ID#	Check Date (in house)	Scheduled Check
	ID # SN: 100184	Check Date (in house) 19-May-22 (in house check Nov-22)	Scheduled Check In house check: Nov-23
Secondary Standards RF generator R&S SMF100A Power sensor R&S NRP18S-10	A CONTRACTOR OF THE CONTRACTOR		10 Fy 200 At 200 200

Calibrated by:

Name

Function

Joanna Lleshaj

Laboratory Technician

Approved by:

Sven Kühn

Technical Manager

Signature

Issued: August 22, 2023

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

Certificate No: 5G-Veri10-1060_Aug23

Page 1 of 8

Calibration Laboratory of

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





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

Accreditation No.: SCS 0108

Glossary

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

CW

Continuous wave

Calibration is Performed According to the Following Standards

- Internal procedure QA CAL-45, Calibration procedure for sources in air above 6 GHz.
- IEC/IEEE 63195-1, "Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz)", May 2022

Methods Applied and Interpretation of Parameters

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

Calibrated Quantity

 Local peak E-field (V/m) and average of peak spatial components of the poynting vector (W/m²) averaged over the surface area of 1 cm² and 4cm² at the nominal operational frequency of the verification source. Both square and circular averaging results are listed.

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: 5G-Veri10-1060_Aug23 Page 2 of 8

Measurement Conditions

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

DASY Version	DASY8 Module mmWave	V3.2
Phantom	5G Phantom	
Distance Horn Aperture - plane	10 mm	
Number of measured planes	2 (10mm, 10mm + λ/4)	
Frequency	10 GHz ± 10 MHz	

Calibration Parameters, 10 GHz

Circular Averaging

Distance Horn	Prad1	Max E-field	Uncertainty	Avg Power Density		Uncertainty
Aperture to	(mW)	(V/m)	(k = 2)	Avg (psPDn+, psPDtot+, psPDmod+)		(k = 2)
Measured Plane				(W/m²)		
				1 cm ²	4 cm ²	
10 mm	93.3	154	1.27 dB	61.1	56.7	1.28 dB

Distance Horn	Prad1	Max E-field	Uncertainty	Power Density		Uncertainty
Aperture to	(mW)	(V/m)	(k = 2)	psPDn+, psPDtot+, psPDmod+		(k = 2)
Measured Plane				(W/m²)		
				1 cm ²	4 cm ²	
10 mm	93.3	154	1.27 dB	60.8, 61.0, 61.5	56.3, 56.7, 57.0	1.28 dB

Square Averaging

Distance Horn	Prad1	Max E-field	Uncertainty	Avg Power Density		Uncertainty
Aperture to	(mW)	(V/m)	(k = 2)	Avg (psPDn+, psPDtot+, psPDmod+)		(k = 2)
Measured Plane				(W/m²)		
				1 cm ²	4 cm ²	
10 mm	93.3	154	1.27 dB	61.1	56.6	1.28 dB

Distance Horn	Prad1	Max E-field	Uncertainty	Power Density		Uncertainty
Aperture to	(mW)	(V/m)	(k = 2)	psPDn+, psPDtot+, psPDmod+		(k = 2)
Measured Plane				(W/m²)		
				1 cm ²	4 cm ²	
10 mm	93.3	154	1.27 dB	60.9, 61.0, 61.5	56.3, 56.6, 56.9	1.28 dB

Max Power Density

Distance Horn	Prad1	Max E-field	Uncertainty	Max Power Density	Uncertainty
Aperture to	(mW)	`(V/m)	(k = 2)	Sn, Stot, Stot	(k = 2)
Measured Plane				(W/m²)	
10 mm	93.3	154	1.27 dB	62.6, 62.6, 63.2	1.28 dB

Certificate No: 5G-Veri10-1060_Aug23

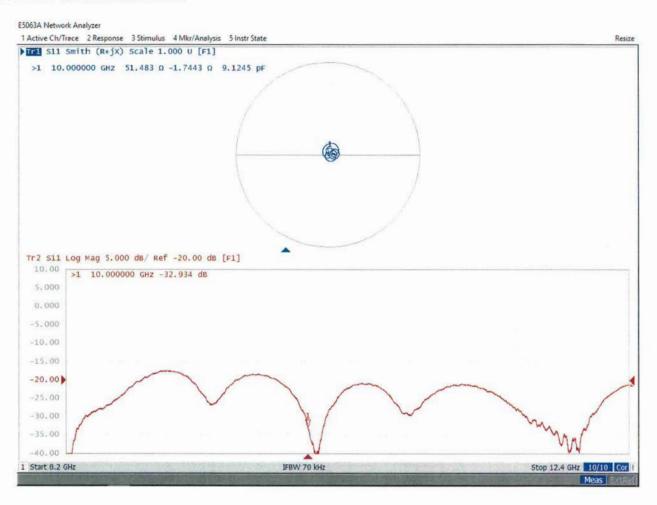
 $^{^{\}rm 1}$ Assessed ohmic and mismatch loss plus numerical offset: 0.30 dB

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters

Impedance, transformed to feed point	51.5 Ω - 1.7 jΩ	
Return Loss	- 32.9 dB	

Impedance Measurement Plot



Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Properties

Name, Manufacturer 5G Verification Source 10 GHz

Dimensions [mm] 100.0 x 100.0 x 172.0 IMEI SN: 1060 **DUT Type**

Exposure Conditions

Phantom Section

Position, Test Distance

Band

Group,

Frequency [MHz],

Channel Number

Conversion Factor

5G Scan

1.00

60.8

61.0

61.5

62.6

62.6

63.2

154

-0.04

[mm]

5G -

10.0 mm

Validation band

CW

10000.0.

1.0

10000

Hardware Setup

Phantom

mmWave Phantom - 1002

Medium

Probe, Calibration Date

EUmmWV3 - SN9374_F1-55GHz,

2023-05-22

DAE, Calibration Date

DAE4ip Sn1602, 2023-07-05

Scan Setup

Sensor Surface [mm]

MAIA

5G Scan 10.0

MAIA not used

Measurement Results

Date 2023-08-21, 12:51 Avg. Area [cm²] Circular Averaging Avg. Type psPDn+ [W/m²] psPDtot+ [W/m²] psPDmod+ [W/m²] Max(Sn) [W/m2] Max(Stot) [W/m²] Max(|Stot|) [W/m²] $E_{max}[V/m]$ Power Drift [dB]



Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Properties

Name, Manufacturer 5G Verification Source 10 GHz Dimensions [mm] 100.0 x 100.0 x 172.0 IMEI SN: 1060 **DUT Type**

Exposure Conditions

Phantom Section

Position, Test Distance

Band

Group,

Frequency [MHz], Channel Number

Conversion Factor

[mm]

Validation band

10000.0,

5G -

10.0 mm

CW

10000

1.0

Hardware Setup

Phantom

mmWave Phantom - 1002

Medium

Air

Probe, Calibration Date

EUmmWV3 - SN9374_F1-55GHz,

2023-05-22

DAE, Calibration Date DAE4ip Sn1602,

2023-07-05

Scan Setup

Sensor Surface [mm]

MAIA

5G Scan

10.0 MAIA not used

Measurement Results

Date Avg. Area [cm²] Avg. Type psPDn+ [W/m²] psPDtot+ [W/m²] psPDmod+ [W/m²] Max(Sn) [W/m²] Max(Stot) [W/m2]

Max(|Stot|) [W/m²] E_{max} [V/m]

Power Drift [dB]

Circular Averaging 56.3 56.7 57.0 62.6 62.6 63.2

2023-08-21, 12:51

5G Scan

4.00

154

-0.04

sPDtot+ (4.0cm2, circ) [W/m^2]

Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Properties

 Name, Manufacturer
 Dimensions [mm]
 IMEI
 DUT Type

 5G Verification Source 10 GHz
 100.0 x 100.0 x 172.0
 SN: 1060

Exposure Conditions

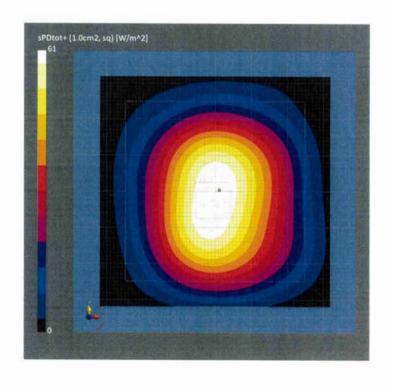
Phantom Section Position, Test Distance Band Group, Frequency [MHz], Conversion Factor Channel Number

5G - 10.0 mm Validation band CW 10000.0, 1.0

Hardware Setup

PhantomMediumProbe, Calibration DateDAE, Calibration DatemmWave Phantom - 1002AirEUmmWV3 - SN9374_F1-55GHz,
2023-05-22DAE4ip Sn1602,
2023-07-05

Scan Setup Measurement Results 5G Scan 5G Scan Sensor Surface [mm] 10.0 Date 2023-08-21, 12:51 MAIA MAIA not used Avg. Area [cm²] 1.00 Avg. Type Square Averaging psPDn+ [W/m²] 60.9 psPDtot+ [W/m²] 61.0 psPDmod+ [W/m²] 61.5 Max(Sn) [W/m²] 62.6 Max(Stot) [W/m²] 62.6 Max(|Stot|) [W/m²] 63.2 E_{max} [V/m] 154 Power Drift [dB] -0.04



Measurement Report for 5G Verification Source 10 GHz, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Properties

Name, Manufacturer 5G Verification Source 10 GHz Dimensions [mm] 100.0 x 100.0 x 172.0 IMEI SN: 1060 **DUT Type**

Exposure Conditions

Phantom Section

Position, Test Distance

Band

Group,

Frequency [MHz], **Channel Number**

Conversion Factor

[mm]

10.0 mm

Validation band

CW

10000.0.

10000

Hardware Setup

Phantom

5G -

mmWave Phantom - 1002

Medium

Air

Probe, Calibration Date

EUmmWV3 - SN9374_F1-55GHz,

2023-05-22

DAE, Calibration Date

1.0

DAE4ip Sn1602, 2023-07-05

Scan Setup

Sensor Surface [mm]

MAIA

Measurement Results

5G Scan 10.0 MAIA not used

Date Avg. Area [cm²] Avg. Type psPDn+ [W/m²] psPDtot+ [W/m²] psPDmod+ [W/m²] Max(Sn) [W/m²] Max(Stot) [W/m²] Max(|Stot|) [W/m²] E_{max} [V/m] Power Drift [dB]

2023-08-21, 12:51 4.00 Square Averaging 56.3 56.6 56.9 62.6 62.6 63.2 154 -0.04

5G Scan

