



TEST REPORT

Applicant: Acer Incorporated
Address: 8F, 88, Sec.1 Xintai 5th Rd. Xizhi, New Taipei City
221, Taiwan
Equipment Type: Tablet PC
Model Name: A26003 (refer to section 2.3)
Brand Name: acer
Marketing Name: Iconia Duo S14, S14-11***
(The symbol "*" can be 0-9, a-z, A-Z, "(", ")", "-", "/",
"\", "_ or blank)
FCC ID: HLZA26003
Test Standard: FCC 47 CFR Part 2.1093
(refer to section 3.1)
Maximum PD: 8.62 W/m²
Sample Arrival Date: Apr. 24, 2026
Test Date: May 09, 2026 - May 12, 2026
Date of Issue: Jul 01, 2026

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Song Gui**Checked by:** Xu Rui**Approved by:** Liao Jianming
(Technical Director)

Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Jul. 01, 2026</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	601, Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen, Guangdong
	☒ 1/F., Building B, Ganghongji High-Tech Intelligent Industrial Park, No.1008, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

1.3 Test Environment Condition

Ambient Temperature	18°C to 25°C
Ambient Relative Humidity	30% to 70%

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Acer Incorporated
Address	8F, 88, Sec.1 Xintai 5th Rd. Xizhi, New Taipei City 221, Taiwan

2.2 Manufacturer Information

Manufacturer	Acer Incorporated
Address	8F, 88, Sec.1 Xintai 5th Rd. Xizhi, New Taipei City 221, Taiwan

2.3 General Description for Equipment under Test (EUT)

EUT Name	Tablet PC
Model Name Under Test	A26003
Series Model Name	A26003*** (The symbol "*" can be 0-9, a-z, A-Z, "(", ")", "-", "/", "\\", " _ " or blank)
Description of Model name differentiation	Only differences are model names for trading purpose. (this information provided by the applicant)
Marketing Name	Iconia Duo S14, S14-11*** (The symbol "*" can be 0-9, a-z, A-Z, "(", ")", "-", "/", "\\", " _ " or blank)
Hardware Version	VN1055
Software Version	Android 16
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Ancillary Equipment

Ancillary Equipment 1	Battery	
	Brand Name	N/A
	Model No.	U2911099PV-1S2P
	Serial No.	N/A
	Capacity	10000 mAh
	Rated Voltage	3.8 V
	Limit Charge Voltage	4.35 V
	Manufacturer	JI'AN UTILITY TECHNOLOGY CO LTD

2.5 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac and 802.11ax GPS, GLONASS, Galileo, BDS
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The requirement for the following technical information of the EUT was tested in this report:

Operating Mode	6G WIFI	
Frequency Range	802.11a	5925 ~ 6425 MHz
		6425 ~ 6525 MHz
		6525 ~ 6875 MHz
		6875 ~ 7125 MHz
	802.11ax (HE20/HE40/HE80/HE160)	5925 ~ 6425 MHz
		6425 ~ 6525 MHz
		6525 ~ 6875 MHz
		6875 ~ 7125 MHz
Antenna Type	WIFI	PIFA Antenna
Hotspot Function	N/A	
Exposure Category	General Population/Uncontrolled exposure	
Product Type	Portable Device	
EUT Type	☒ Production unit	☐ Identical prototype

3 SUMMARY OF TEST RESULT

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 2.1093☆	Radio frequency radiation exposure evaluation: portable devices
2	47 CFR Part 1.1310☆	Radiofrequency radiation exposure limits
3	ANSI/IEEE Std. C95.1-1992	IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz
4	KDB 447498 D04 v01☆	RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable Devices
5	KDB 865664 D02 v01r02☆	RF Exposure Reporting
6	KDB 248227 D01 v02r02☆	SAR Guidance for IEEE 802.11 (Wi-Fi) Transmitters
7	KDB 616217 D04 v01r02☆	SAR for laptop and tablets
8	IEC/IEEE 62209-1528:2020	Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices – Part 1528: Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz)
9	IEC/IEEE 63195-1:2022	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) – Part 1: Measurement procedure
10	IEC TR 63170:2018	Measurement procedure for the evaluation of power density related to human exposure to radio frequency fields from wireless communication devices operating between 6 GHz and 100 GHz

3.2 Device Category and SAR Limit

This device belongs to portable device category because its radiating structure is allowed to be used within 20 centimeters of the body of the user.

Limit for General Population/Uncontrolled exposure should be applied for this device, it is power density for frequencies between 1.5GHz and 100 GHz is $1.0 \text{ mW/cm}^2 = 10 \text{ W/m}^2$

Table of Exposure Limits:

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW / cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*100	6
3.0-30	1842/f	4.89/f	*900/f ²	6
30-300	61.4	0.163	1.0	6
300-1,500	/	/	f/300	6
1,500-100,000	/	/	5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*100	30
1.34-30	824/f	2.19/f	*180/f ²	30
30-300	27.5	0.073	0.2	30
300-1,500	/	/	f/1500	30
1,500-100,000	/	/	1.0	30
<i>f = frequency in MHz * = Plane-wave equivalent power density</i>				

NOTE:

General Population/Uncontrolled Exposure: Locations where there is the exposure of individuals who have no knowledge or control of their exposure. General population/uncontrolled exposure limits are applicable to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Members of the general public would come under this category when exposure is not employment-related; for example, in the case of a wireless transmitter that exposes persons in its vicinity.

Occupational/Controlled Exposure: Locations where there is exposure that may be incurred by persons who are aware of the potential for exposure. In general, occupational/controlled exposure limits are applicable to situations in which persons are exposed as a consequence of their employment, who have been made fully aware of the potential for exposure and can exercise control over their exposure. This exposure category is also applicable when the exposure is of a transient nature due to incidental passage through a location where the exposure levels may be higher than the general population/uncontrolled limits, but the exposed person is fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

3.3 Test Result Summary

3.3.1 Highest PD (4cm²)

Band	Antenna	Maximum Scaled PD (W/m ²)	Maximum Report PD (W/m ²)
		1g SAR	1g SAR
		Body (2mm)	Body (2mm)
6G WIFI	ANT1	2.87	8.62
	ANT2	8.62	
Limit (W/m ²)		10.00	
Verdict		Pass	

3.4 Test Uncertainty

For PTP measurement method: DASY8 uncertainty budget in compliance with IEC/IEEE 63195-1 for the cases indicated in the reference table.

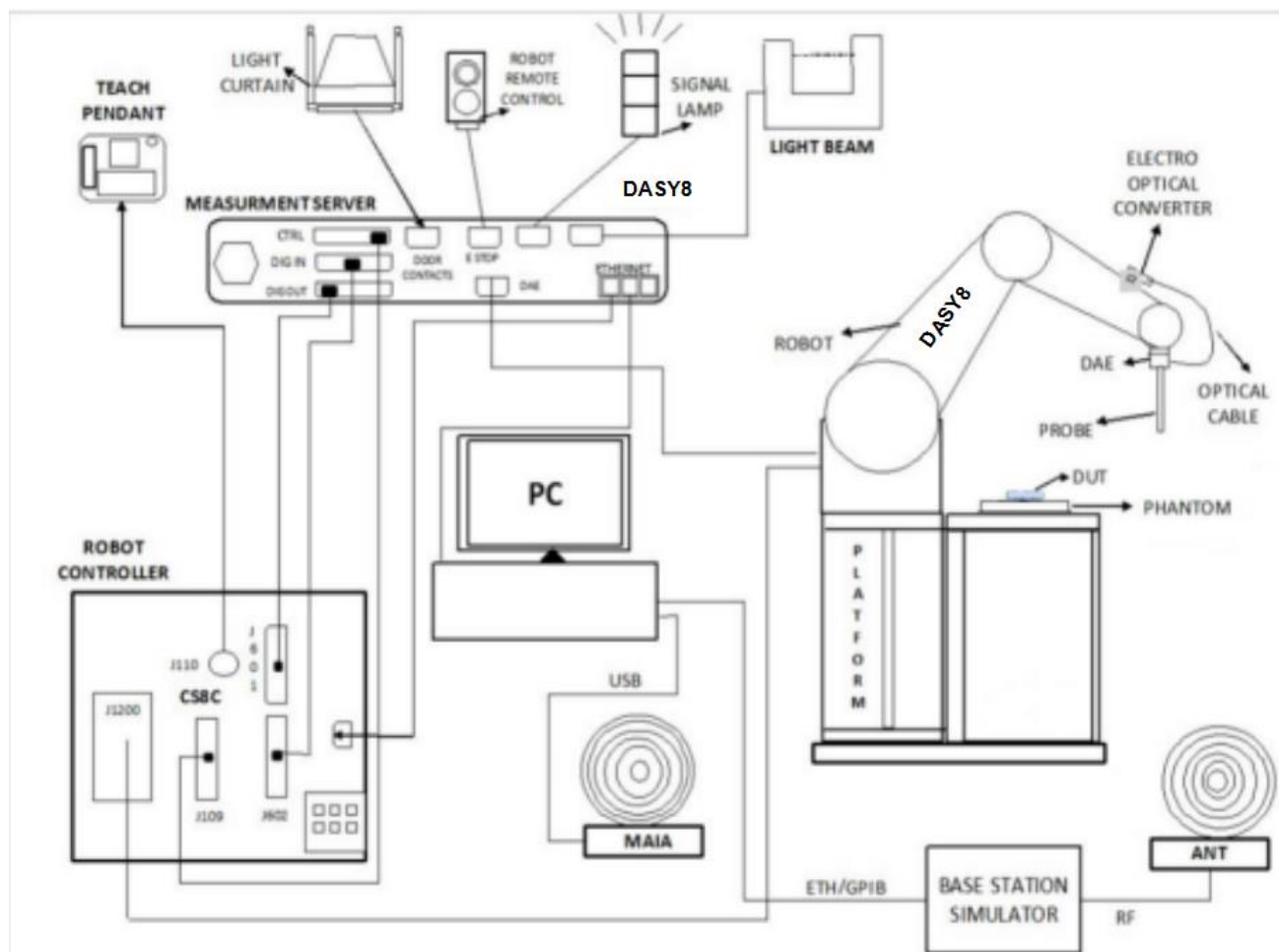
DASY8 Uncertainty Budget for PD (avg ≥1 cm2)							
Evaluation Distances to the Antennas ≥ λ/5							
in Compliance with IEC/IEEE 63195							
Error Description		Unc. Value (±dB)	Probab. Distri.	Div.	(ci)	Std. Unc. (±dB)	(vi) v _{eff}
Uncertainty terms dependent on the measurement system							
CAL	Calibration	0.49	N	1	1	0.49	∞
COR	Probe correction	0	R	1.732	1	0	∞
FRS	Frequency response (BW ≤ 1 GHz)	0.2	R	1.732	1	0.12	∞
SCC	Sensor cross coupling	0	R	1.732	1	0	∞
ISO	Isotropy	0.5	R	1.732	1	0.29	∞
LIN	Linearity	0.2	R	1.732	1	0.12	∞
PSC	Probe scattering	0	R	1.732	1	0	∞
PPO	Probe positioning offset	0.3	R	1.732	1	0.17	∞
PPR	Probe positioning repeatability	0.04	R	1.732	1	0.02	∞
SMO	Sensor mechanical offset	0	R	1.732	1	0	∞
PSR	Probe spatial resolution	0	R	1.732	1	0	∞
FLD	Field impedance dependence	0	R	1.732	1	0	∞
APD	Amplitude and phase drift	0	R	1.732	1	0	∞
APN	Amplitude and phase noise	0.04	R	1.732	1	0.02	∞
TR	Measurement area truncation	0	R	1.732	1	0	∞
DAQ	Data acquisition	0.03	N	1	1	0.03	∞
SMP	Sampling	0	R	1.732	1	0	∞
REC	Field reconstruction	0.6	R	1.732	1	0.35	∞
TRA	FTE/MEO	0 (0.7)	R	1.732	1	0 (0.4)	∞
SCA	Power density scaling	–	R	1.732	1	–	∞
SAV	Spatial averaging	0.1	R	1.732	1	0.06	∞
SDL	System detection limit	0.04	R	1.732	1	0.02	∞
Uncertainty terms dependent on the DUT and environmental factors							
PC	Probe coupling with DUT	0	R	1.732	1	0	∞
MOD	Modulation response	0.4	R	1.732	1	0.23	∞
IT	Integration time	0	R	1.732	1	0	∞
RT	Response time	0	R	1.732	1	0	∞
DH	Device holder influence	0.14	R	1.732	1	0.08	∞
DA	DUT alignment	0	R	1.732	1	0	∞
AC	RF ambient conditions	0.04	R	1.732	1	0.02	∞

AR	Ambient reflections	0.04	R	1.732	1	0.02	∞
MSI	Immunity / secondary reception	0	R	1.732	1	0	∞
DRI	Drift of the DUT	–	R	1.732	1	–	∞
Combined Std Uncertainty (w/ FTE/MEO)			–	–	–	0.75	∞
Expanded Std Uncertainty (w/ FTE/MEO)			–	–	–	1.50 (1.71)	–

4 MEASUREMENT SYSTEM

4.1 DASY Power Density System

4.1.1 DASY PD System Diagram



The DASY system for performing compliance tests consists of the following items:

1. A standard high precision 6-axis robot (Stäubli RX family) with controller and software. An arm extension for accommodating the data acquisition electronics (DAE).
2. A dosimetric probe, i.e. an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.
3. A data acquisition electronic (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
4. A unit to operate the optical surface detector which is connected to the EOC.
5. The Electro-Optical Coupler (EOC) performs the conversion from the optical into a digital electric signal of the DAE. The EOC is connected to the DASY measurement server.
6. The DASY measurement server, which performs all real-time data evaluation for field measurements and surface detection, controls robot movements and handles safety operation.

7. DASY software and SEMCAD data evaluation software.
8. Remote control with teach panel and additional circuitry for robot safety such as warning lamps, etc.
9. The generic twin phantom enabling the testing of left-hand and right-hand usage.
10. The device holder for handheld mobile phones.
11. Tissue simulating liquid mixed according to the given recipes.
12. System validation dipoles allowing to validate the proper functioning of the system.

4.1.2 Robot

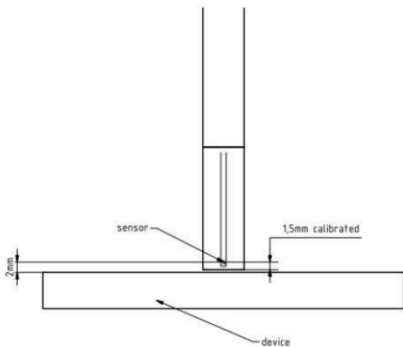
The Dasy SAR system uses the high precision robots. Symmetrical design with triangular core Built-in optical fiber for surface detection system For the 6-axis controller system, Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents). The robot series have many features that are important for our application:



- High precision
(repeatability ± 0.02 mm)
- High reliability
(industrial design)
- Low maintenance costs
(virtually maintenance free due to direct drive gears; no belt drives)
- Jerk-free straight movements
(brush less synchron motors; no stepper motors)
- Low ELF interference
(motor control _elds shielded via the closed metallic construction shields)

4.1.3 EUmmWave Probe / E-Field 5G Probe

The EUmmWave3 probe design allows measurements at distances as small as 2mm

Frequency	750 MHz – 110 GHz
Probe Overall Length	320 mm
Probe Body Diameter	8.0 mm
Tip Length	23.0 mm
Tip Diameter	8.0 mm
Probe's two dipoles length	0.9 mm – Diode loaded
Dynamic Range	< 20 V/m – 10000 V/m with PRE-10 (min < 50 V/m – 3000 V/m)
Position Precision	< 0.2 mm
Distance between diode sensors and probe's tip	1.5 mm
Minimum Mechanical separation between probe tip and a Surface	0.5 mm
Applications	E-field measurements of 5G devices and other mm-wave transmitters operating above 10GHz in < 2 mm distance from device (free-space) Power density, H-field and far-field analysis using total field reconstruction.
Compatibility	cDASY6 + 5G-Module SW1.0 and higher
 	

4.1.4 Data Acquisition Electronics

The data acquisition electronics (DAE) consist of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converte and a command decoder with a control logic unit. Transmission to the measurement server is accomplished through an optical downlink for data and status information, as well as an optical uplink for commands and the clock.



- Input Impedance: 200M Ω m
- The Inputs: Symmetrical and Floating
- Commom Mode Rejection: Above 80dB

5 SYSTEM VERIFICATION

5.1 Purpose of System Check

The system performance check verifies that the system operates within its specifications. System and operator errors can be detected and corrected. It is recommended that the system performance check be performed prior to any usage of the system in order to guarantee reproducible results. The system performance check uses normal Power Density measurements in a simplified setup with a well characterized source. This setup was selected to give a high sensitivity to all parameters that might fail or vary over time. The system check does not intend to replace the calibration of the components, but indicates situations where the system uncertainty is exceeded due to drift or failure.

5.2 System Check Setup

The system was verified to be within ± 0.66 dB of the power density targets on the calibration certificate according to the test system specification in the user's manual and calibration facility recommendation. The 0.66 dB deviation threshold represents the expanded uncertainty for system performance checks using SPEAG's mmWave verification sources. The same spatial resolution and measurement region used in the source calibration was applied during the system check.

The measured power density distribution of verification source was also confirmed through visual inspection to have no noticeable differences, both spatially (shape) and numerically (level) from the distribution provided by the manufacturer, per November 2017 TCBC Workshop Notes.

6 POWER DENSITY MEASUREMENT PROCEDURE

6.1 Computation of the Electric Field Polarization Ellipse

For the numerical description of an arbitrarily oriented ellipse in three-dimensional space, five parameters are needed: the semi-major axis (a), the semi-minor axis (b), two angles describing the orientation of the normal vector of the ellipse (ϕ , θ), and one angle describing the tilt of the semi-major axis (ψ). For the two extreme cases, i.e. circular and linear polarizations, three parameters only (a , ϕ and θ) are sufficient for the description of the incident field.

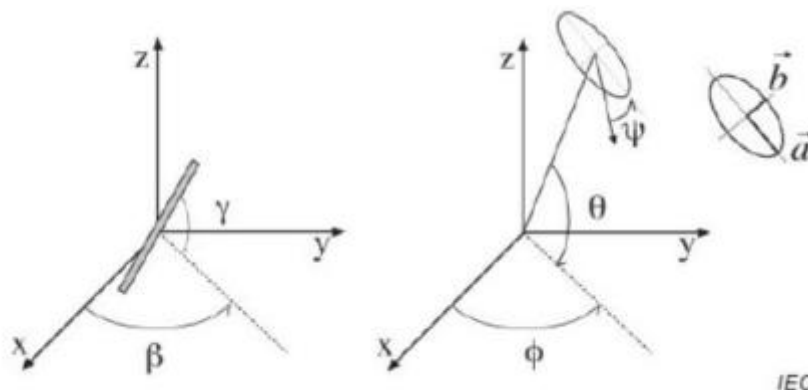


Illustration of the angles used for the numerical description of the sensor and the orientation of an ellipse in 3-D space

For the construction of the ellipse parameters from measured data, the problem can be reformulated as a nonlinear search problem. The semi-major and semi-minor axes of an elliptical field can be expressed as functions of the three angles (ϕ , θ and ψ). The parameters can be uniquely determined towards minimizing the error based on least-squares for the given set of angles and the measured data. In this way, the number of three parameters is reduced from five to three, which means that at least three sensors readings are necessary to gain sufficient information for the reconstruction of ellipse parameters. However, to suppress the noise and increase the reconstruction accuracy, it is desirable to have an over determined system of equations. The solution to use a probe consisting of two sensors angled by γ_1 and γ_2 toward the probe axis and to perform measurements at three angular positions of the probe, i.e. at β_1 , β_2 and β_3 , results in over determination of two. If there is a need for more information or increased accuracy, more rotation angles can be added.

The reconstruction of ellipse parameters can be separated into linear and non-linear parts that are best solved by the given algorithm combined with a downhill simplex algorithm. To minimize the mutual coupling, sensor angles are set with a 90° shift ($\gamma_1 = \gamma_2 + 90^\circ$), and, to simplify, the first rotation angle of the probe (β_1) can be set to 0° .

6.2 Total Field and Power Flux Density Reconstruction

Computation of the power density in general requires knowledge of the electric and magnetic field amplitudes and phases in the plane of incidence. Reconstruction of these quantities from pseudo-vector E-field measurements is feasible, as they are constrained by Maxwell's equations. The SPEAG have developed a reconstruction approach based on the Gerchberg-Saxton algorithm, which benefits from the availability of the E-Field polarization ellipse information obtained with the EUMMWV2 probe. This reconstruction algorithm, together with the ability of the probe to measure extremely close to the source without perturbing the field, permits reconstruction of the E-field and H-field, as well as of the power density, on measurement planes located as near as $\lambda/5$ away.

6.3 Power Flux Density Averaging

The average of the reconstructed power density is evaluated over a circular area in each measurement plane. The area of the circle is defined by the user; the default is 1cm². The computed peak average value

is displayed in the box at the top right. Note that the average is evaluated only for grid points where the averaging circle is completely filled with values; for points at the edge where the averaging circle is only partly filled with values, the average power density is set to zero. Two average power density values are computed.

6.4 Measurement Workflow

The incident power density must be measured for the test configuration producing the highest SAR value. The

measurement procedure is summarized below:

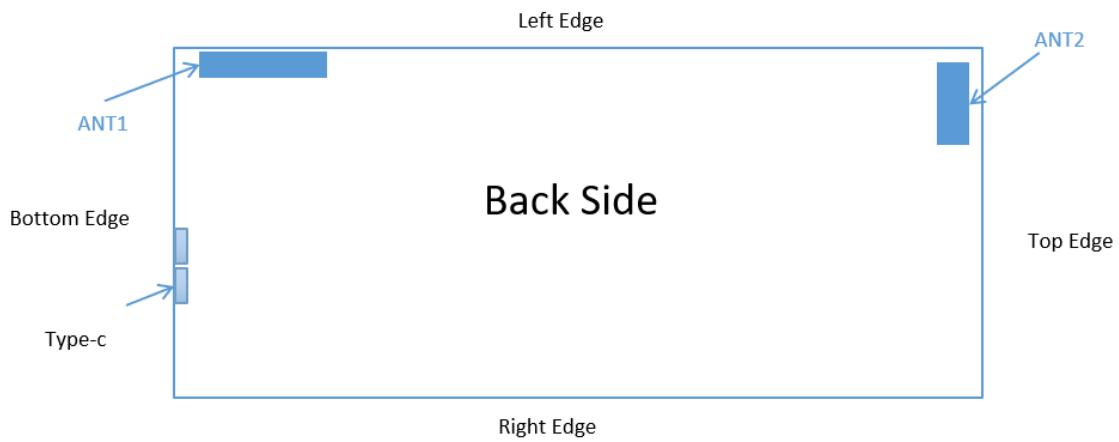
1. Perform a system performance check at 10 GHz.
2. Determine the optimal grid resolution to be used for subsequent measurements.
3. Assess the incident power for the configuration to be tested.
4. Calculate the additional reconstruction uncertainty at 2mm and compute the total measurement uncertainty.
5. Adjust the incident psPD results by the amount that the measurement uncertainty exceeds 30%

7 CONDUCTED RF OUPUT POWER

Please refer the document “Ti-EE26040681-AP-3.pdf”.

8 ANTENNA LOCATION

8.1 Antenna Location Sketch



Antenna	Support Bands
ANT1	WIFI 6G
ANT2	WIFI 6G

9 TEST RESULT OF POWER DENSITY

General Note:

1. The reported PD is the measured Total PD value adjusted for maximum tune-up tolerance and duty cycle factor.
 - a. Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
 - b. For PD testing of WIFI signal with non-100% duty cycle, the measured PD is scaled-up by the duty cycle scaling factor which is equal to "1/(duty cycle)".
2. The most conservative test distance of 2mm was applied to PD measurement.
3. Power density was calculated by repeated E-field measurements on two measurement planes separated by $\lambda/4$.
4. The device was configured to transmit continuously at the required data rate, channel bandwidth and signal modulation, using the highest transmission duty factor supported by the test mode tools.
5. Per FCC guidance and equipment manufacturer guidance, power density results were scaled according to IEC 62479:2010 for the portion of the measurement uncertainty > 30%. Total expanded uncertainty of 2.66 dB (84.5%) was used to determine the psPD measurement scaling factor.
6. According to TCBC workshop in October 2018 that 4cm² averaging area may now be considered.

9.1 WIFI 6GHz SAR

Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	Duty cycle (%)	Duty cycle Factor	1g Scaled SAR (W/kg)	Measured APD 4cm ² [W/m ²]	Meas. Uncertainty Scaling Factor	Scaled APD [W/m ²]
Body																
ANT1	802.11 ax80	Back Side	0	167	6785	0.01	0.047	12.70	13.00	1.072	86.65	1.154	0.058	0.369	1.028	0.469
		Left Edge	0	167	6785	-0.03	0.886	12.70	13.00	1.072	86.65	1.154	1.096	6.880	1.028	8.746
		Right Edge	0	167	6785	-0.01	0.051	12.70	13.00	1.072	86.65	1.154	0.063	0.398	1.028	0.506
		Top Edge	0	167	6785	-0.16	0.058	12.70	13.00	1.072	86.65	1.154	0.072	0.442	1.028	0.562
		Bottom Edge	0	167	6785	-0.16	0.225	12.70	13.00	1.072	86.65	1.154	0.278	1.750	1.028	2.225
		Left Edge	0	7	5985	-0.02	0.715	10.87	11.00	1.030	86.65	1.154	0.850	5.320	1.028	6.503
		Left Edge	0	103	6465	0.18	0.752	11.54	12.00	1.112	86.65	1.154	0.965	6.090	1.028	8.032
		Left Edge	0	119	6545	-0.07	0.800	12.51	13.00	1.119	86.65	1.154	1.034	6.420	1.028	8.526
		Left Edge	0	151	6705	0.05	0.786	12.28	13.00	1.180	86.65	1.154	1.071	6.710	1.028	9.396
		Left Edge	0	215	7025	-0.15	0.711	9.24	10.00	1.191	86.65	1.154	0.977	6.220	1.028	8.791
ANT2	802.11 ax80	Back Side	0	167	6785	0.12	0.836	10.39	11.00	1.151	86.65	1.154	1.110	6.700	1.028	9.147
		Left Edge	0	167	6785	-0.09	0.013	10.39	11.00	1.151	86.65	1.154	0.017	0.115	1.028	0.157
		Right Edge	0	167	6785	0.09	0.015	10.39	11.00	1.151	86.65	1.154	0.020	0.129	1.028	0.176
		Top Edge	0	167	6785	-0.18	0.042	10.39	11.00	1.151	86.65	1.154	0.056	0.335	1.028	0.457
		Bottom Edge	0	167	6785	0.11	0.003	10.39	11.00	1.151	86.65	1.154	0.004	0.028	1.028	0.038
		Back Side	0	7	5985	0.16	0.711	10.05	11.00	1.245	86.65	1.154	1.021	6.150	1.028	9.080
		Back Side	0	87	6385	0.11	0.781	10.12	11.00	1.225	86.65	1.154	1.104	6.630	1.028	9.632
		Back Side	0	119	6545	0.11	0.711	10.14	11.00	1.219	86.65	1.154	1.000	6.190	1.028	8.952
		Back Side	0	151	6705	0.05	0.682	10.31	11.00	1.172	86.65	1.154	0.923	5.540	1.028	7.704
		Back Side	0	215	7025	0.04	0.511	9.94	11.00	1.276	86.65	1.154	0.753	4.620	1.028	6.996

9.2 WIFI 6GHz PD

Mode	Antenna	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	Meas Total psPD [W/m²]	Meas. Uncertai nty Scaling Factor	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	Duty cycle (%)	Duty cycle Factor	Scaled Total psPD [W/m²]	Meas. No.
Body															
802.11 ax80	ANT1	Back Side	2	167	6785	0.02	0.061	1.545	12.70	13.00	1.072	86.65	1.154	0.117	/
		Left Edge	2	167	6785	-0.02	1.500	1.545	12.70	13.00	1.072	86.65	1.154	2.867	1#
		Right Edge	2	167	6785	-0.01	0.067	1.545	12.70	13.00	1.072	86.65	1.154	0.128	/
		Top Edge	2	167	6785	0.05	0.079	1.545	12.70	13.00	1.072	86.65	1.154	0.151	/
		Bottom Edge	2	167	6785	-0.07	0.291	1.545	12.70	13.00	1.072	86.65	1.154	0.556	/
		Left Edge	2	7	5985	0.02	1.350	1.545	10.87	11.00	1.030	86.65	1.154	2.479	/
		Left Edge	2	103	6465	0.13	1.310	1.545	11.54	12.00	1.112	86.65	1.154	2.597	/
		Left Edge	2	119	6545	0.08	1.270	1.545	12.51	13.00	1.119	86.65	1.154	2.534	/
		Left Edge	2	151	6705	0.09	1.180	1.545	12.28	13.00	1.180	86.65	1.154	2.483	/
		Left Edge	2	215	7025	0.01	1.330	1.545	9.24	10.00	1.191	86.65	1.154	2.824	/
802.11 ax80	ANT2	Back Side	2	167	6785	0.14	4.200	1.545	10.39	11.00	1.151	86.65	1.154	8.619	2#
		Left Edge	2	167	6785	-0.02	0.068	1.545	10.39	11.00	1.151	86.65	1.154	0.140	/
		Right Edge	2	167	6785	0.07	0.072	1.545	10.39	11.00	1.151	86.65	1.154	0.148	/
		Top Edge	2	167	6785	0.05	0.218	1.545	10.39	11.00	1.151	86.65	1.154	0.447	/
		Bottom Edge	2	167	6785	-0.03	0.019	1.545	10.39	11.00	1.151	86.65	1.154	0.039	/
		Back Side	2	7	5985	-0.02	3.590	1.545	10.05	11.00	1.245	86.65	1.154	7.969	/
		Back Side	2	87	6385	-0.01	3.910	1.545	10.12	11.00	1.225	86.65	1.154	8.540	/
		Back Side	2	119	6545	0.08	3.510	1.545	10.14	11.00	1.219	86.65	1.154	7.629	/
		Back Side	2	151	6705	0.03	3.470	1.545	10.31	11.00	1.172	86.65	1.154	7.251	/
		Back Side	2	215	7025	0.02	2.590	1.545	9.94	11.00	1.276	86.65	1.154	5.892	/
Note:															
1. Note: According to FCC test guidance and equipment manufacturer guidance, power density results were scaled according to IEC 62479:2010 for the portion of the measurement uncertainty > 30%. Total expanded uncertainty of 2.66 dB (84.5%) was used to determine the psPD measurement scaling factor.															
2. Refer to ANNEX B for the detailed test data for each test configuration.															

Mode	Antenna	Position	Dist. (mm)	Grid Step(λ)	Ch.	Freq. (MHz)	IPDn	IPD ratio (≥-1)
802.11ax80	ANT2	Back Side	2	0.0625	167	6785	2.38	1.19
			8.42	0.2500	167	6785	1.81	

10 TEST EQUIPMENTS LIST

Description	Manufacturer	Model	Serial No./Version	Cal. Date	Cal. Due
PC	Dell	N/A	N/A	N/A	N/A
Test System	Speag	DASY8 mmWave	V2.4.0.44	N/A	N/A
Verification Source	Speag	10GHz	SN: 1039	2025/05/13	2026/05/12
EUmmW Probe	Speag	EUmmWV4	SN: 9607	2026/01/14	2027/01/13
Data Acquisition Electronics	Speag	DAE4	SN: 1710	2026/01/12	2027/01/11
Signal Generator	Keysight	N5173B	MY62150163	2025/07/15	2026/07/14
Power Meter	R&S	NRVD-B2	835843/014	2025/07/15	2026/07/14
Power Sensor	R&S	NRV-Z4	100381	2025/07/15	2026/07/14
Power Sensor	R&S	NRV-Z2	100211	2025/07/15	2026/07/14
Thermometer	Elitech	RC-4HC	EF7239002655	2025/10/29	2026/10/28
Power Amplifier	Mini-Circuits	ZVA-183W-S+	932502132	N/A	N/A
Directional coupler	AA-MCS	AAMCS-UDC	000272	N/A	N/A

ANNEX A SIMULATING LIQUID VERIFICATION RESULT

The system was verified to be within ± 0.66 dB of the power density targets on the calibration certificate according to the test system specification in the users manual and calibration facility recommendation.

Date	Freq. (GHz)	Meas. Forward Power (dBm)	Measured PD 4 cm ² (W/m ²)	Normalized PD 4 cm ² (W/m ²)	Target Forward PD 4 cm ² (W/m ²)	Deviation (dB)
2026.05.09	10	20	56.7	56.7	56.30	0.03
2026.05.10	10	20	58.9	58.9	56.30	0.20
2026.05.11	10	20	58.3	58.3	56.30	0.15
2026.05.12	10	20	60.8	60.8	56.30	0.33

Note 1: The tolerance limit of System validation ± 0.66 dB.

Note 2: According the verification source 10GHz calibration report the target forward power is 20.00dBm.

Note 3: Normalized PD 4 cm²= Measured PD 4 cm² *10^{^(0.1*(Target Forward power- Meas. Forward Power))}

Note 4: Please refer the document "Ti-EE26040681-ASC-3.pdf".

ANNEX B POWER DENSITY TEST DATA

Please refer the document “Ti-EE26040681-ATD-3.pdf”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-EE26040681-AW.pdf”.

ANNEX D SAR TEST SETUP PHOTOS

Please refer the document “Ti-EE26040681-AS-2.pdf”.

ANNEX E CALIBRATION REPORT

Please refer the document “Ti-EE26040681-AC-2.pdf”.

ANNEX F TUNE-UP PROCEDURE

Please refer the document “Ti-EE26040681-AT-3.pdf”.

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--END OF REPORT--