FCC WLAN 6GHz RF Exposure

Applicant : Zebra Technologies Corporation

Equipment: Touch Computer

Brand Name : Zebra

Model Name : WLMT0

FCC ID : UZ7WLMT0

Standard : FCC 47 CFR Part 2 (2.1093)

We, Sporton International Inc. (Kunshan), would like to declare that the tested sample has been evaluated in accordance with the test procedures given in 47 CFR Part 2.1093 and FCC KDB and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

Approved by: Si Zhang

Si Zhang

lac-MRA ACC



Report No.: FA2D2902B

Sporton International Inc. (Kunshan)

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History of this test report

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Report No.	Version	Description	Issued Date
FA2D2902B	01	Initial issue of report	Mar. 07, 2023

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1. Statement of Compliance

The maximum results of Specific Absorption Rate (SAR) found during testing for **Zebra Technologies Corporation, Touch Computer, WLMT0,** are as follows.

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	T. F	Reported SAR		Measured APD		Scaled PD		
Band	Tx Frequency (MHz)	Head (1g SAR W/kg)	Body Worn (1g SAR W/kg)	Phablet (10g SAR W/kg)	Head (W/m^2)	Body Worn (W/m^2)	Phablet (W/m^2)	psPD (W/m^2)
WLAN6GHz	5925-7125	1.10	0.41	0.69	7.89	3.31	14.60	7.95
Date o	f Testing:	2023/2/12~2023/2/15						

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

This device is in compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (1.6 W/kg for Partial-Body 1g SAR, 4.0 W/kg for Product Specific 10g SAR) and Power density exposure limits (1 mW/cm^2 = 10 W/m^2) specified in FCC 47 CFR part 2 (2.1093), ANSI/IEEE C95.1-1992 and FCC 47 CFR Part1.1310, and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528-2013 and FCC KDB publications.

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2. Administration Data

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

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Testing Laboratory					
Test Firm	Sporton International Inc. (Kunshan)				
Test Site Location			lopment Zone		
Toot Site No	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.		
Test Site No.	SAR04-KS	CN1257	314309		

Applicant			
Company Name	Zebra Technologies Corporation		
Address 1 Zebra Plaza, Holtsville, NY 11742			

Manufacturer				
Company Name	Zebra Technologies Corporation			
Address	1 Zebra Plaza, Holtsville, NY 11742			

3. Guidance Applied

The Specific Absorption Rate (SAR) testing specification, method, and procedure for this device is in accordance with the following standards.

- · FCC 47 CFR Part 2 (2.1093)
- · ANSI/IEEE C95.1-1992
- · IEEE 1528-2013
- · IEC/IEEE 62209-1528:2020
- SPEAG DASY6 System Handbook
- SPEAG DASY6 Application Note (Interim Procedure for Device Operation at 6GHz-10GHz)
- · IEC TR 63170:2018
- · IEC 62479:2010
- FCC KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04
- FCC KDB 865664 D02 SAR Reporting v01r02
- FCC KDB 447498 D01 General RF Exposure Guidance v06
- FCC KDB 648474 D04 SAR Evaluation Considerations for Wireless Handsets v01r03
- FCC KDB 248227 D01 802.11 Wi-Fi SAR v02r02

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4. Equipment Under Test (EUT) Information

4.1 General Information

	Product Feature & Specification
Equipment Name	Touch Computer
Brand Name	Zebra
Model Name	WLMT0
FCC ID	UZ7WLMT0
Sample 1	Scanner(SE4710)
Sample 2	Scanner(SE5500)
SN	Sample 1: 230025247E2024 Sample 2: 230115247E0901
Wireless Technology and Frequency Range	WLAN 2.4GHz Band: 2412 MHz ~ 2462 MHz WLAN 5.2GHz Band: 5180 MHz ~ 5240 MHz WLAN 5.3GHz Band: 5260 MHz ~ 5320 MHz WLAN 5.5GHz Band: 5500 MHz ~ 5720 MHz WLAN 5.5GHz Band: 5745 MHz ~ 5825 MHz WLAN 5.8GHz Band: 5745 MHz ~ 6825 MHz WLAN 6GHz U-NII-5: 5925 MHz ~ 6425 MHz WLAN 6GHz U-NII-6: 6425 MHz ~ 6525 MHz WLAN 6GHz U-NII-7: 6525 MHz ~ 6875 MHz WLAN 6GHz U-NII-8: 6875 MHz ~ 7125 MHz Bluetooth: 2402 MHz ~ 2480 MHz NFC: 13.56 MHz
Mode	WLAN 2.4GHz 802.11b/g/n HT20/HT40 WLAN 2.4GHz 802.11ac/ax VHT20/VHT40/HE20/HE40 WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11ac/ax VHT20/VHT40/VHT80/VHT160/HE20/HE40/HE80/HE160 WLAN 6GHz 802.11a WLAN 6GHz 802.11ax HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE NFC: ASK
HW Version	DV
SW Version	13-08-06.00-TG-UOO-PRD-ATH-04
MFD	06FEB23
EUT Stage	Identical Prototype
Remark:	••

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Remark:

- 1. The 2.4GHz/5GHz/6GHz WLAN can transmit in SISO and MIMO mode.
- 2. The device supports 1S2T (CDD & Tx Beamforming) and 2S2T (SDM) mode; 1S2T: Nss=1, MIMO 2Tx; 2S2T: Nss=2. MIMO 2Tx.
- 3. The device implements receiver detection for SAR compliance at different exposure conditions (head, body-worn, and extremity). This device uses the receiver to indicate whether the user is making a call in head scenario or not. The selection between head and body power levels is based on the receiver detection mechanism. It can determine proximity to head or body and set the relevant power level for WLAN/BT antennas accordingly.
- 4. There are two samples, only scanner model is different. According to the difference, we only chose sample 1 to perform full SAR testing, and sample 2 spot check worse of sample 1...
- 5. This device has three batteries, for battery1 and battery2 is same capacity, but battery 2 has BLE Beacon function, and for battery 1/2 and battery 3 capacity is different and When they matched holster with device, the thickness is different. According to the difference, we only chose battery 1 to perform full SAR testing, and battery 2/3 spot check worse of battery 1.
- 6. Bluetooth LE is meant to ensure beacons are sent when the battery 2 is out of power and cannot be transmitted simultaneously with other wireless modes.
- 7. This device has two headsets, only audio interface is different. According to the difference, we chose headset 1/2 to perform full SAR testing.
- 8. This device has one soft holster and one Hand Strap, the Hand Strap has no effect on RF exposure, and so soft holster spot check worst case to ensure the RF exposure is compliance at different exposure conditions.
- 9. The device support DBS (Dual Band Simultaneous) function, when the device WLAN 2.4GHz and WLAN 5GHz or WLAN 6GHz transmit at the same time the module will limit different output power for simultaneous transmission compliance.

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Specification of Accessory					
Battery1 Standard Battery (3800mAh)	Brand Name	Zebra	Model Number	BT-000473	

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Supported Unit Used in Test Configuration and System						
Battery2 Standard BLE Beacon Battery (3800mAh)	Brand Name	Zebra	Model Number	BT-000473B		
Battery3 Extended Battery (5200mAh)	Brand Name	Zebra	Model Number	BT-000473E		
AC Adapter	Brand Name	Zebra	Part Number	PWR-WUA5V12W0US		
Earphone 1	Brand Name	Zebra	Part Number	HDST-35MM-PTT1-01		
Earphone 2	Brand Name	Zebra	Part Number	HDST-USBC-PTT1-01		
USB Cable (Type C to Type A)	Brand Name	Zebra	Part Number	CBL-TC5X-USBC2A-01		
Type C-Audio Cable (Type C to 3.5mm)	Brand Name	Zebra	Part Number	ADP-USBC-35MM1-01		
Hand Strap	Brand Name	Zebra	Part Number	SG-TC2L-HSTRP1-01		
Soft Holster	Brand Name	Zebra	Part Number	SG-TC2L-HLSTR1-01		

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5. RF Exposure Limits

5.1 Uncontrolled Environment

Uncontrolled Environments are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure. The 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.

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5.2 Controlled Environment

Controlled Environments are defined as locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, (i.e. as a result of employment or occupation). 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. The 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.

5.3 RF Exposure limit for below 6GHz

Limits for Occupational/Controlled Exposure (W/kg)

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.4	8.0	20.0

Limits for General Population/Uncontrolled Exposure (W/kg)

Whole-Body	Partial-Body	Hands, Wrists, Feet and Ankles
0.08	1.6	4.0

1. Whole-Body SAR is averaged over the entire body, partial-body SAR is averaged over any 1gram of tissue defined as a tissue volume in the shape of a cube. SAR for hands, wrists, feet and ankles is averaged over any 10 grams of tissue defined as a tissue volume in the shape of a cube.

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5.4 RF Exposure limit for above 6GHz

According to ANSI/IEEE C95.1-1992, the criteria listed in Table 1 shall be used to evaluate the environmental impact of human exposure to radio frequency (RF) radiation as specified in §1.1310. The unit of power density evaluation is W/m² or mW/cm².

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Peak Spatially Averaged Power Density was evaluated over a circular area of 4cm² per interim FCC Guidance for near-field power density evaluations per October 2018 TCB Workshop notes

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
900 — 200 s	(A) Limits for O	ccupational/Controlled Expo	sures	
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/	f 4.89/	*(900/ f 2)	6
30-300	61.4	0.163	1.0	6
300-1500			f/300	6
1500-100,000			5	6
	(B) Limits for Gene	ral Population/Uncontrolled I	Exposure	
0.3-1.34	614	1_63	*(100)	30
1.34-30	824/	f 2.19/	*(180/f2)	30
30-300	27.5	0.073	0.2	30
300-1500			f/1500	30
1500-100,000		9 -	1.0	30

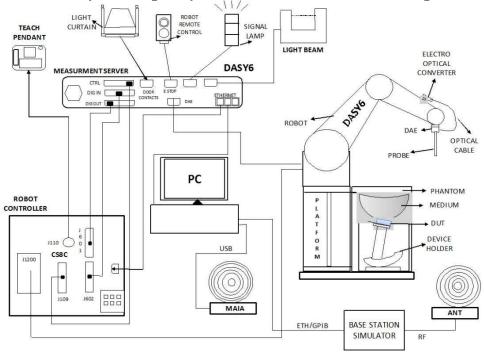
Note: 1.0 mW/cm² is 10 W/m²

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System Description and Setup

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



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- A standard high precision 6-axis robot with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- An isotropic Field probe optimized and calibrated for the targeted measurement.
- A data acquisition electronics (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.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server
- The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running Windows 10 and the DASY6 software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- The phantom, the device holder and other accessories according to the targeted measurement.

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7. Test Equipment List

Manufacture	Name of Environment	Type/Madel	Carial Number	Calib	ration	
Manufacturer	Name of Equipment	Type/Model	Serial Number	Last Cal.	Due Date	
SPEAG	6500MHz System Validation Kit	D6.5GHzV2	1083	2022/9/6	2023/9/5	
SPEAG	5G Verification Source	10GHz	1052	2022/9/2	2023/9/1	
SPEAG	Data Acquisition Electronics	DAE4	690	2022/6/15	2023/6/14	
SPEAG	Dosimetric E-Field Probe	EX3DV4	3857	2022/12/14	2023/12/13	
SPEAG	EUmmWV Probe Tip Protection	EUmmWV4	9553	2022/9/9	2023/9/8	
SPEAG	mmWave Phantom	mmWave	1065	NCR	NCR	
SPEAG	SAM Twin Phantom	SAM Twin	TP-1644	NCR	NCR	
Testo	Thermo-Hygrometer	608-H1	1241332126	2022/7/20	2023/7/19	
SPEAG	Phone Positioner	N/A	N/A	NCR	NCR	
Rohde & Schwarz	Signal Generator	SMB100A	100455	2023/1/5	2024/1/4	
Keysight	Preamplifier	83017A	MY57280111	2022/7/11	2023/7/10	
Agilent	ENA Series Network Analyzer	E5071C	MY46104587	2022/5/24	2023/5/23	
Agilent	Network Analyzer	E5071C	MY46523671	2022/5/24 2023/5		
SPEAG	Dielectric Probe Kit	DAK-3.5	1144	2022/5/24 2023/5 2022/8/15 2023/8		
Rohde & Schwarz	Power Meter	NRVD	102081	2022/7/14	2023/7/13	
Rohde & Schwarz	Power Sensor	NRV-Z5	100538	2022/7/14	2023/7/13	
Rohde & Schwarz	Power Sensor	NRV-Z5	100539	2022/7/14	2023/7/13	
Rohde & Schwarz	Power Sensor	NRP50S	101254	2022/4/7	2023/4/6	
R&S	CBT BLUETOOTH TESTER	CBT	101246	2022/5/24	2023/5/23	
Rohde & Schwarz	Spectrum Analyzer	FSV7	101631	2022/10/12	2023/10/11	
mini-circuits	amplifier	ZVE-3W-83+	162601250	NA	NA	
TES	DIGITAC THERMOMETER	1310	200505600	2022/7/12	2023/7/11	
BONN	POWER AMPLIFIER	BLMA 0830-3	087193A	No	te 1	
BONN	POWER AMPLIFIER	BLMA 2060-2	087193B	No	te 1	
Agilent	Dual Directional Coupler	778D	20500	No	te 1	
Agilent	Dual Directional Coupler	11691D	MY48151020	No	te 1	
ET Industries	Dual Directional Coupler	C-058-10	N/A	No	te 1	
ATM	Dual Directional Coupler	C122H-10	P610410z-02	No	te 1	
MCL	Attenuation1	BW-S10W5+	N/A	No	te 1	
MCL	Attenuation2	BW-S10W5+	N/A	No	te 1	
MCL	Attenuation3	BW-S10W5+	N/A	No	te 1	

General Note:

- 1. Prior to system verification and validation, the path loss from the signal generator to the system check source and the power meter, which includes the amplifier, cable, attenuator and directional coupler, was measured by the network analyzer. The reading of the power meter was offset by the path loss difference between the path to the power meter and the path to the system check source to monitor the actual power level fed to the system check source.
- 2. The dipole calibration interval can be extended to 3 years with justification according to KDB 865664 D01. The dipoles are also not physically damaged, or repaired during the interval. The justification data in appendix C can be found which the return loss is < -20dB, within 20% of prior calibration, the impedance is within 5 ohm of prior calibration for each dipole.

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8. SAR System Verification

8.1 SAR Tissue Verification

The tissue dielectric parameters of tissue-equivalent media used for SAR measurements must be characterized within a temperature range of 18° C to 25° C, measured with calibrated instruments and apparatuses, such as network analyzers and temperature probes. The temperature of the tissue-equivalent medium during SAR measurement must also be within 18° C to 25° C and within \pm 2° C of the temperature when the tissue parameters are characterized. The tissue dielectric measurement system must be calibrated before use. The dielectric parameters must be measured before the tissue-equivalent medium is used in a series of SAR measurements.

The liquid tissue depth was at least 15cm in the phantom for all SAR testing

<Tissue Dielectric Parameter Check Results>

Frequency (MHz)	Liquid Temp. (℃)	Conductivity (σ)	Permittivity (ε _r)	Conductivity Target (σ)	Permittivity Target (ε _r)	Delta (σ) (%)	Delta (ε _r) (%)	Limit (%)	Date
6500	22.6	6.070	34.460	6.07	34.50	0.00	-0.12	±5	2023/2/12

8.2 SAR System Performance Check Results

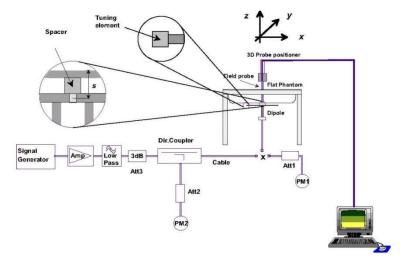
Comparing to the original SAR value provided by SPEAG, the verification data should be within its specification of 10 %. Below table shows the target SAR and measured SAR after normalized to 1W input power. The table below indicates the system performance check can meet the variation criterion and the plots can be referred to Appendix A of this report.

<1g SAR>

Date	Frequency (MHz)	Input Power (mW)	Dipole S/N	Probe S/N	DAE S/N	Measured 1g SAR (W/kg)	Targeted 1g SAR (W/kg)	Normalized 1g SAR (W/kg)	Deviation (%)
2023/2/12	6500	50	1083	3857	690	13.800	291.00	276	- 5.15

<10g SAR>

Date	Frequency (MHz)	Input Power (mW)	Dipole S/N	Probe S/N	DAE S/N	Measured 10g SAR (W/kg)	Targeted 10g SAR (W/kg)	Normalized 10g SAR (W/kg)	Deviation (%)
2023/2/12	6500	50	1083	3857	690	2.490	53.90	49.8	-7.61





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System Performance Check Setup

Setup Photo

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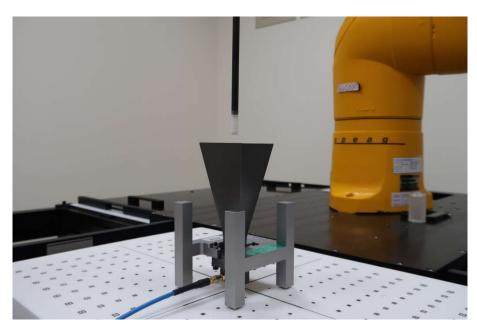
FCC WLAN 6GHz RF Exposure

8.3 PD System Verification Results

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.

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Frequency (GHz)	5G Verification Source	Probe S/N	DAE S/N	Distance (mm)	Prad (mW)	Measured 4 cm^2 (W/m^2)	Targeted 4 cm ² (W/m ²)	Deviation (dB)	Date
10	10GHz_1052	9553	690	10	86.1	50.5	50.4	0.01	2023/2/15



System Verification Setup Photo

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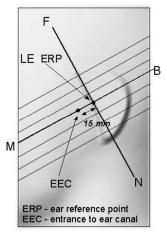
9. RF Exposure Positions

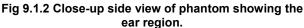
9.1 Ear and handset reference point

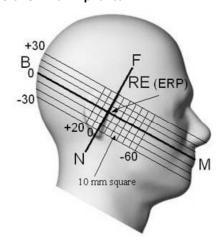
Figure 9.1.1 shows the front, back, and side views of the SAM phantom. The center-of-mouth reference point is labeled "M," the left ear reference point (ERP) is marked "LE," and the right ERP is marked "RE." Each ERP is 15 mm along the B-M (back-mouth) line behind the entrance-to-ear-canal (EEC) point, as shown in Figure 9.1.2 The Reference Plane is defined as passing through the two ear reference points and point M. The line N-F (neck-front), also called the reference pivoting line, is normal to the Reference Plane and perpendicular to both a line passing through RE and LE and the B-M line (see Figure 9.1.3). Both N-F and B-M lines should be marked on the exterior of the phantom shell to facilitate handset positioning. Posterior to the N-F line the ear shape is a flat surface with 6 mm thickness at each ERP, and forward of the N-F line the ear is truncated, as illustrated in Figure 9.1.2. The ear truncation is introduced to preclude the ear lobe from interfering with handset tilt, which could lead to unstable positioning at the cheek.



Fig 9.1.1 Front, back, and side views of SAM twin phantom







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Fig 9.1.3 Side view of the phantom showing relevant markings and seven cross-sectional plane locations

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9.2 Definition of the cheek position

- 1. Ready the handset for talk operation, if necessary. For example, for handsets with a cover piece (flip cover), open the cover. If the handset can transmit with the cover closed, both configurations must be tested.
- 2. Define two imaginary lines on the handset—the vertical centerline and the horizontal line. The vertical centerline passes through two points on the front side of the handset—the midpoint of the width wt of the handset at the level of the acoustic output (point A in Figure 9.2.1 and Figure 9.2.2), and the midpoint of the width wb of the bottom of the handset (point B). The horizontal line is perpendicular to the vertical centerline and passes through the center of the acoustic output (see Figure 9.2.1). The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical centerline is not necessarily parallel to the front face of the handset (see Figure 9.2.2), especially for clamshell handsets, handsets with flip covers, and other irregularly-shaped handsets.
- 3. Position the handset close to the surface of the phantom such that point A is on the (virtual) extension of the line passing through points RE and LE on the phantom (see Figure 9.2.3), such that the plane defined by the vertical centerline and the horizontal line of the handset is approximately parallel to the sagittal plane of the phantom.
- 4. Translate the handset towards the phantom along the line passing through RE and LE until handset point A touches the pinna at the ERP.
- 5. While maintaining the handset in this plane, rotate it around the LE-RE line until the vertical centerline is in the plane normal to the plane containing B-M and N-F lines, i.e., the Reference Plane.
- 6. Rotate the handset around the vertical centerline until the handset (horizontal line) is parallel to the N-F line.
- 7. While maintaining the vertical centerline in the Reference Plane, keeping point A on the line passing through RE and LE, and maintaining the handset contact with the pinna, rotate the handset about the N-F line until any point on the handset is in contact with a phantom point below the pinna on the cheek. See Figure 9.2.3. The actual rotation angles should be documented in the test report.

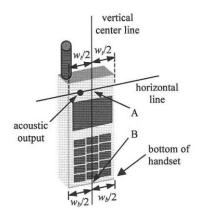
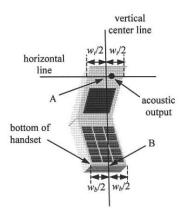


Fig 9.2.1 Handset vertical and horizontal reference lines—"fixed case



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Fig 9.2.2 Handset vertical and horizontal reference lines—"clam-shell case"





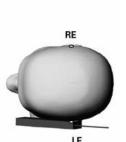


Fig 9.2.3 cheek or touch position. The reference points for the right ear (RE), left ear (LE), and mouth (M), which establish the Reference Plane for handset positioning, are indicated.

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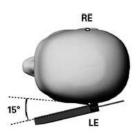


9.3 Definition of the tilt position

- 1. Ready the handset for talk operation, if necessary. For example, for handsets with a cover piece (flip cover), open the cover. If the handset can transmit with the cover closed, both configurations must be tested.
- While maintaining the orientation of the handset, move the handset away from the pinna along the line passing through RE and LE far enough to allow a rotation of the handset away from the cheek by 15°.
- 3. Rotate the handset around the horizontal line by 15°.
- 4. While maintaining the orientation of the handset, move the handset towards the phantom on the line passing through RE and LE until any part of the handset touches the ear. The tilt position is obtained when the contact point is on the pinna. See Figure 9.3.1. If contact occurs at any location other than the pinna, e.g., the antenna at the back of the phantom head, the angle of the handset should be reduced. In this case, the tilt position is obtained if any point on the handset is in contact with the pinna and a second point







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Fig 9.3.1 Tilt position. The reference points for the right ear (RE), left ear (LE), and mouth (M), which define the Reference Plane for handset positioning, are indicated.

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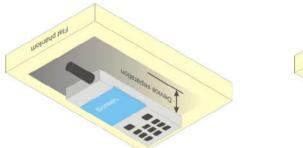
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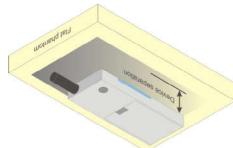
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9.4 Body Worn Accessory

Body-worn operating configurations are tested with the belt-clips and holsters attached to the device and positioned against a flat phantom in a normal use configuration (see Figure 9.4). Per KDB648474 D04v01r03, body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in FCC KDB 447498 D01v06 should be used to test for body-worn accessory SAR compliance, without a headset connected to it. This enables the test results for such configuration to be compatible with that required for hotspot mode when the body-worn accessory test separation distance is greater than or equal to that required for hotspot mode, when applicable. When the reported SAR for body-worn accessory, measured without a headset connected to the handset is > 1.2 W/kg, the highest reported SAR configuration for that wireless mode and frequency band should be repeated for that body-worn accessory with a handset attached to the handset.

Accessories for body-worn operation configurations are divided into two categories: those that do not contain metallic components and those that do contain metallic components. When multiple accessories that do not contain metallic components are supplied with the device, the device is tested with only the accessory that dictates the closest spacing to the body. Then multiple accessories that contain metallic components are test with the device with each accessory. If multiple accessories share an identical metallic component (i.e. the same metallic belt-chip used with different holsters with no other metallic components) only the accessory that dictates the closest spacing to the body is tested.





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Fig 9.4 Body Worn Position

9.5 Product Specific/Extremity Exposure

For smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0, that can provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets and support voice calls next to the ear, According to KDB648474 D04v01r03, the following phablet procedures should be applied to evaluate SAR compliance for each applicable wireless mode and frequency band. Devices marketed as phablets, regardless of form factors and operating characteristics must be tested as a phablet to determine SAR compliance

- 1. The normally required head and body-worn accessory SAR test procedures for handsets, including hotspot mode, must be applied.
- 2. The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge, in direct contact with a flat phantom, for 10-g extremity SAR according to the equivalent tissue dielectric parameters in KDB 865664 to address interactive hand use exposure conditions. The UMPC mini-tablet 1-g SAR at 5 mm is not required. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg.

9.6 Miscellaneous Testing Considerations

- > Evaluate SAR using 6-7 GHz parameters per IEC/IEEE 62209-1528:2020.
- Per procedures of KDB Pubs. 447498 and 248227, and applicable product-specific procedures among KDB Pubs. 648474 (handsets/phablets).
- Where supported by the test system, also report estimated absorbed (epithelial) power density (for reference purposes only, not specifically for compliance) and estimated incident PD, derived from measured SAR.
- In addition, for the highest SAR test configurations evaluate incident PD using the mmw near-field probe and total-field/power-density reconstruction method (2 mm closest meas. plane)
 - Adjust measured results per amount that measurement uncertainty exceeds 30 % (see e.g. IEC 62479:2010)

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10. WLAN 6GHz Output Power (Unit: dBm)

General Note:

The 6GHz WLAN can transmit in SISO/MIMO antenna mode, for SISO mode power is less than per chain power of MIMO mode. For WLAN SISO & MIMO mode, the whole testing has assessed only MIMO mode by referring to their higher conducted power, SAR and PD for MIMO was evaluated by making a measurement with both antennas transmitting simultaneously.

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- 2. When the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel for each frequency band.
- Per 201904 TCBC workshops, General principles of FCC KDB Publication 248227 D01 can be applied to determine the SAR Initial 3. Test Configurations and test reduction for 802.11ax SAR testing. For the table below the 802.11ax maximum power is SU (non-OFDMA), and the SU maximum power also higher than RU (OFDMA)
- In applying the test guidance, the IEEE 802.11 mode with the maximum output power (out of all modes) should be considered for 4.
- For modes with the same maximum output power, the guidance from section 5.3.2 a) of FCC KDB Publication 248227 D01 should 5. be applied, with 802.11ax being considered as the highest 802.11 mode for the appropriate frequency bands
- For WLAN SISO & MIMO(CDD) mode of 802.11a, and WLAN SISO mode is not greater than WLAN MIMO(CDD) mode, so 6 conducted power of WLAN SISO mode is not required. For WLAN SISO & MIMO(CDD) & MIMO(SDM) & TX Beamforming mode of 802.11ax, and WLAN SISO & MIMO(CDD) & TX Beamforming mode is not greater than WLAN MIMO(SDM) mode, so conducted power of WLAN SISO & MIMO(CDD) &Tx Beamforming mode is not required.

	WLAN 6	CH-7					Full Powe non DBS					Body-wo	rn&Extre	mity non E	BS Powe	er_MIMO	
	VILANO	GHZ		MIMO	_Ant 0	MIMC		MIMO_	Ant 0+1	Note	MIMO	_Ant 0	MIMO	_Ant 1	MIMO_	Ant 0+1	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Turie-Op	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up	Duty Cycle %
		1	5955	16.32	16.50	16.25	16.50	19.30	19.50		12.97	13.00	12.85	13.00	15.92	16.00	
		57	6235	15.44	15.50	15.68	16.00	18.57	19.00		12.49	12.50	12.52	13.00	15.52	16.00	
	802.11a 6Mbps	113	6515	4.10	4.50	5.19	5.50	7.69	8.00	98.97	4.10	4.50	5.19	5.50	7.69	8.00	98.97
		173	6815	18.49	18.50	18.14	18.50	21.33	21.50		14.20	14.50	13.29	13.50	16.78	17.00	
		233	7115	5.22	5.50	6.26	6.50	8.78	9.00		5.22	5.50	6.26	6.50	8.78	9.00	
		1	5955	16.28	16.50	16.31	16.50	19.31	19.50		12.88	13.00	12.75	13.00	15.83	16.00	
		57	6235	15.39	15.50	15.59	16.00	18.50	19.00		12.47	12.50	12.42	12.50	15.46	15.50	
	802.11ax-HE20 MCS0	113	6515	7.94	8.50	9.03	9.50	11.53	12.00	100.00	7.94	8.50	9.03	9.50	11.53	12.00	100.00
		173	6815	18.43	18.50	18.08	18.50	21.27	21.50		14.16	14.50	13.28	13.50	16.75	17.00	
		233	7115	9.51	10.00	9.49	10.00	12.51	13.00		9.51	10.00	9.49	10.00	12.51	13.00	
WLAN		3	5965	16.42	16.50	16.29	16.50	19.37	19.50		12.92	13.00	12.64	13.00	15.79	16.00	
6GHz	802.11ax-HE40	59	6245	15.28	15.50	15.57	16.00	18.44	19.00		12.35	12.50	12.58	13.00	15.48	15.50	
	MCS0	107	6485	10.91	11.50	11.25	11.50	14.09	14.50	100.00	10.91	11.50	11.25	11.50	14.09	14.50	100.00
		171	6805	18.58	19.00	17.93	18.00	21.28	21.50		14.19	14.50	12.96	13.00	16.63	17.00	
		227	7085	12.58	13.00	11.92	12.00	15.27	15.50		12.58	13.00	11.92	12.00	15.27	15.50	
		7	5985	16.41	16.50	16.37	16.50	19.40	19.50		13.23	13.50	12.76	13.00	16.02	16.50	
	802.11ax-HE80	71	6305	15.47	15.50	15.52	16.00	18.51	19.00		12.55	13.00	12.66	13.00	15.62	16.00	
	MCS0	119	6545	13.98	14.00	13.76	14.00	16.88	17.00	100.00	13.39	13.50	13.17	13.50	16.30	16.50	100.00
		167	6785	18.51	19.00	17.96	18.00	21.25	21.50		14.35	14.50	13.10	13.50	16.78	17.00	
		215	7025	14.98	15.00	14.65	15.00	17.83	18.00		13.21	13.50	12.83	13.00	16.04	16.50	
		15	6025	16.44	16.50	16.59	17.00	19.52	20.00		13.52	14.00	13.26	13.50	16.42	16.50	
		47	6185	15.86	16.00	15.81	16.00	18.84	19.00		12.94	13.00	12.80	13.00	15.83	16.00	
	802.11ax-HE160 MCS0	111	6505	16.68	17.00	16.80	17.00	19.75	20.00	99.35	13.59	14.00	13.69	14.00	16.65	17.00	99.35
	WOOO	143	6665	18.34	18.50	18.36	18.50	21.36	21.50		14.65	15.00	14.25	14.50	17.32	17.50	
		175	6825	17.34	17.50	16.82	17.00	20.10	20.50		14.68	15.00	14.28	14.50	17.37	17.50	
		207	6985	18.28	18.40	17.38	17.40	20.86	21.00		13.67	14.00	12.87	13.00	16.29	16.50	

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	14/1 ANI O	O. I			Hea	ad DBS S	Simultan	eous_MII	МО			Body-wo	rn&Extremity	DBS Sim	nultaneous_M	IMO	
	WLAN 6	σHZ		MIMO	_Ant 0	MIMO	_Ant 1	MIMO_	Ant 0+1		MIMO_A	Ant 0	MIMO_A	Ant 1	MIMO_Ar	nt 0+1	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
		1	5955	16.32	16.50	16.25	16.50	19.30	19.50			12.50		12.50		15.50	
		57	6235	15.44	15.50	15.68	16.00	18.57	19.00		Not Required	12.50	Not Required	12.50	Not Required	15.50	
	802.11a 6Mbps	113	6515	4.10	4.50	5.19	5.50	7.69	8.00	98.97	4.10	4.50	5.19	5.50	7.69	8.00	98.97
		173	6815	17.59	18.00	17.34	17.50	20.53	21.00		14.20	14.50	13.29	13.50	16.78	17.00	
		233	7115	5.22	5.50	6.26	6.50	8.78	9.00		5.22	5.50	6.26	6.50	8.78	9.00	
		1	5955	16.28	16.50	16.31	16.50	19.31	19.50		Not Required	12.50	Not Required	12.50	Not Required	15.50	
		57	6235	15.39	15.50	15.59	16.00	18.50	19.00		Not Required	12.50	Not Required	12.50	Not Required	15.50	
	802.11ax-HE20 MCS0	113	6515	7.94	8.50	9.03	9.50	11.53	12.00	100.00	7.94	8.50	9.03	9.50	11.53	12.00	100.00
		173	6815	17.63	18.00	17.28	17.50	20.57	21.00		14.16	14.50	13.28	13.50	16.75	17.00	
		233	7115	9.51	10.00	9.49	10.00	12.51	13.00		9.51	10.00	9.49	10.00	12.51	13.00	
		3	5965	16.42	16.50	16.29	16.50	19.37	19.50		Not Required	12.50	Not Required	12.50	Not Required	15.50	
WLAN 6GHz		59	6245	15.28	15.50	15.57	16.00	18.44	19.00		Not Required	12.50	Not Required	12.50	Not Required	15.50	
	802.11ax-HE40 MCS0	107	6485	10.91	11.50	11.25	11.50	14.09	14.50	100.00	10.91	11.50	11.25	11.50	14.09	14.50	100.00
		171	6805	17.58	18.00	17.15	17.50	20.48	21.00		14.19	14.50	12.96	13.00	16.63	17.00	
		227	7085	12.58	13.00	11.92	12.00	15.27	15.50		12.58	13.00	11.92	12.00	15.27	15.50	
		7	5985	16.41	16.50	16.37	16.50	19.40	19.50		Not Required	12.50	Not Required	12.50	Not Required	15.50	
		71	6305	15.47	15.50	15.52	16.00	18.51	19.00		Not Required	12.50	Not Required	12.50	Not Required	15.50	
	802.11ax-HE80 MCS0	119	6545	13.98	14.00	13.76	14.00	16.88	17.00	100.00	13.39	13.50	13.17	13.50	16.30	16.50	100.00
		167	6785	17.61	18.00	17.27	17.50	20.71	21.00		14.35	14.50	13.10	13.50	16.78	17.00	
		215	7025	14.98	15.00	14.65	15.00	17.83	18.00		13.21	13.50	12.83	13.00	16.04	16.50	
		15	6025	16.44	16.50	16.59	17.00	19.52	20.00		12.33	12.50	12.12	12.50	15.38	15.50	
		47	6185	15.86	16.00	15.81	16.00	18.84	19.00		12.04	12.50	11.98	12.50	15.03	15.50	
	802.11ax-HE160	111	6505	16.68	17.00	16.80	17.00	19.75	20.00	99.35	13.59	14.00	13.69	14.00	16.65	17.00	99.35
	MCS0	143	6665	17.68	18.00	17.48	17.50	20.91	21.00	33.00	14.65	15.00	14.25	14.50	17.32	17.50	33.33
		175	6825	17.34	17.50	16.82	17.00	20.10	20.50		14.68	15.00	14.28	14.50	17.37	17.50	
		207	6985	17.25	17.50	16.38	16.50	19.81	20.00		13.67	14.00	12.87	13.00	16.29	16.50	

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11. Antenna Location

The detailed antenna location information can refer to SAR Test Setup Photos.

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12. RF Exposure Test Results

General Note:

- 1. Per KDB 447498 D01v06, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
 - 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.

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- b. For SAR testing of WLAN signal with non-100% duty cycle, the measured SAR is scaled-up by the duty cycle scaling factor which is equal to "1/(duty cycle)"
- c. For WLAN: Reported SAR(W/kg)= Measured SAR(W/kg)* Duty Cycle scaling factor * Tune-up scaling factor
- 2. Per KDB 447498 D01v06, for each exposure position, testing of other required channels within the operating mode of a frequency band is not required when the *reported* 1-g or 10-g SAR for the mid-band or highest output power channel is:
 - ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz
 - ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz
- 3. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥0.8W/kg.
- 4. Per KDB 648474 D04v01r03, when the reported SAR for a body-worn accessory measured without a headset connected to the handset is ≤ 1.2 W/kg, SAR testing with a headset connected to the handset is not required.
- 5. Per KDB648474 D04v01r03, this device is considered a phablet since the display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm. Therefore, phablet SAR tests are required when wireless mode does not apply or if wireless router 1g SAR >1.2W/kg
- 6. For WLAN 6GHz doesn't support wireless router capability.
- 7. Per FCC guidance, SAR was performed using 6.5 GHz SAR probe calibration factors.
- 8. Per October 2020 TCB Workshop Interim procedures, start instead with a minimum of 5 test channels across the full band, then adapt and apply conducted power and SAR test reduction procedures of KDB Pub. 248227 v02r02.
- 9. Absorbed power density (APD) using a 4cm2 averaging area is reported based on SAR measurements.
- 10. For testing the WIFI 6 GHz of this DUT, the selection of test channels was based on FCC guidance, with five channels selected across the entire WIFI 6 GHz Bands. For the U-NII-5/U-NII-7 band supporting Standard AP mode and indoor Client mode, the higher output mode was measured among the selected channels.
- 11. For WLAN SISO & MIMO(CDD) mode of 802.11a, and WLAN SISO mode is not greater than WLAN MIMO(CDD) mode; For WLAN SISO & MIMO(CDD) & MIMO(SDM) & TX Beamforming mode of 802.11ax, and WLAN SISO & MIMO(CDD) & TX Beamforming mode is not greater than WLAN SISO & MIMO(SDM) mode, so WLAN SISO & MIMO(SDM) mode SAR covers WLAN SISO & MIMO(CDD) & Tx Beamforming mode SAR.
- 12. For determination of the scaling factor for report SAR of MIMO mode, if the hot spots are separated the scaling factors are individually determined from each transmit chain. Further simplification chose the worse SAR value and the worst scaling factor from each transmit chain perform reported SAR calculation conservatively. If the hot spots are not spatially separated, the scaling factor is determined from the worst number of each transmit chain.
- 13. Per FCC guidance, the WLAN 6GHz Sim-Tx analysis are using the SAR results with the conventional SPLSR etc procedures from KDB 447498 D01. And the Sim-Tx analysis result refers to Sporton SAR report no.: FA2D2902.

WLAN SAR Note:

- 1. When the reported SAR of the test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position to measure the subsequent next closet/smallest test separation distance and maximum coupling test position on the highest maximum output power channel, until the report SAR is ≤ 0.8 W/kg or all required test position are tested.
- For all positions / configurations, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions / configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.
- 3. The 6GHz WLAN can transmit in SISO/MIMO antenna mode, for SISO mode power is less than per chain power of MIMO mode. For WLAN SISO & MIMO mode, the whole testing has assessed only MIMO mode by referring to their higher conducted power, so only chose MIMO power to perform SAR testing. Per KDB 248227, SAR for MIMO was evaluated by following the simultaneous SAR provisions from KDB 447498 by making a SAR measurement with both antennas transmitting simultaneously
- 4. During SAR testing the WLAN 6GHz transmission was verified using a spectrum analyzer.
- 5. When SAR testing for 802.11ax is required

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- a. If the maximum output power is highest for OFDMA scenarios, choose the tone size with the maximum number of tones and the highest maximum output power
- b. Otherwise, consider the fully allocated channel for SAR testing

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FCC WLAN 6GHz RF Exposure

When SAR testing is required on RU sizes less than the fully allocated channel, use the RU number closest to the middle of the channel, choosing the higher RU number when two RUs are equidistant to the middle of the channel.

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12.1 Head SAR Test Result

<WLAN SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Battery	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Cycle	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	
	WLAN6GHz	802.11ax_HE160 MCS0	Right Cheek	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	143	6665	1	18.34	18.50	1.038	99.35	1.007	0.02	0.964	1.008	6.93
	WLAN6GHz	802.11ax_HE160 MCS0	Right Tilted	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	143	6665	1	18.34	18.50	1.038	99.35	1.007	0.04	0.878	0.918	6.24
	WLAN6GHz	802.11ax_HE160 MCS0	Right Tilted	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	207	6985	1	18.28	18.40	1.028	99.35	1.007	0.02	0.895	0.927	6.39
	WLAN6GHz	802.11ax_HE160 MCS0	Left Cheek	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	143	6665	1	18.34	18.50	1.038	99.35	1.007	0.02	0.715	0.747	5.08
	WLAN6GHz	802.11ax_HE160 MCS0	Left Tilted	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	143	6665	1	18.34	18.50	1.038	99.35	1.007	0.03	0.688	0.719	4.85
	WLAN6GHz	802.11ax_HE160 MCS0	Right Cheek	0	Ant 0+1(1)	Non DBS	Standard Battery (3800mAh)	15	6025	1	16.59	17.00	1.099	99.35	1.007	0.09	0.801	0.886	6.06
	WLAN6GHz	802.11ax_HE160 MCS0	Right Cheek	0	Ant 0+1(1)	Non DBS	Standard Battery (3800mAh)	47	6185	1	15.81	16.00	1.045	99.35	1.007	-0.05	0.570	0.600	4.50
	WLAN6GHz	802.11ax_HE160 MCS0	Right Cheek	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	111	6505	1	16.68	17.00	1.076	99.35	1.007	-0.09	0.696	0.754	5.54
01	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	207	6985	1	18.28	18.40	1.028	99.35	1.007	0.04	1.060	1.098	7.89
	WLAN6GHz	802.11ax_HE160 MCS0	Right Cheek	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	207	6985	2	18.28	18.40	1.028	99.35	1.007	0.02	0.782	0.810	5.82
	WLAN6GHz	802.11ax_HE160 MCS0	Right Cheek	0	Ant 0+1(0)	Non DBS	BLE Beacon (3800mAh)	207	6985	1	18.28	18.40	1.028	99.35	1.007	0.05	1.000	1.036	7.080
	WLAN6GHz	802.11ax_HE160 MCS0	Right Cheek	0	Ant 0+1(0)	Non DBS	Extended (5200mAh)	207	6985	1	18.28	18.40	1.028	99.35	1.007	0.07	1.020	1.056	7.280
	WLAN6GHz	802.11ax_HE160 MCS0	Right Cheek	0	Ant 0+1(0)	DBS Only	Standard Battery (3800mAh)	143	6665	1	17.68	18.00	1.076	99.35	1.007	0.02	0.743	0.805	5.29
	WLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0	Ant 0+1(0)	DBS Only	Standard Battery (3800mAh)	207	6985	1	17.25	17.50	1.059	99.35	1.007	0.04	0.808	0.862	6.11

12.2 Body Worn SAR Test Result

<WLAN SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Headset	Power State	Accessory	Battery	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Cyclo		Duife	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Measured APD (W/m^2)
	WLAN6GHz	802.11ax_HE160 MCS0	Front	15	Ant 0+1(0)	-	Non DBS	-	Standard Battery (3800mAh)	143	6665	1	14.65	15.00	1.084	99.35	1.007	0.01	0.094	0.103	0.908
		802.11ax_HE160 MCS0		15	Ant 0+1(0)	-	Non DBS	-	Standard Battery (3800mAh)	143	6665	1	14.65	15.00	1.084	99.35	1.007	0.02	0.186	0.203	1.73
		802.11ax_HE160 MCS0	Back	15	Ant 0+1(0)	-	Non DBS	-	Standard Battery (3800mAh)	15	6025	1	13.52	14.00	1.117	99.35	1.007	-0.05	0.306	0.344	2.37
	WLANOGHZ	802.11ax_HE160 MCS0	Back	15	Ant 0+1(1)	-	Non DBS	-	Standard Battery (3800mAh)	47	6185	1	12.80	13.00	1.047	99.35	1.007	0.01	0.261	0.275	2.72
		802.11ax_HE160 MCS0	Back	15	Ant 0+1(0)	-	Non DBS	-	(3800mAn)		6505		13.59	14.00	1.099	99.35	1.007	-0.05	0.209	0.231	1.79
02	WE (1400) 12	802.11ax_HE160 MCS0	Back	15	Ant 0+1(0)	-	Non DBS	-	Standard Battery (3800mAh)	207	6985	1	13.67	14.00	1.079	99.35	1.007	0.08	0.376	0.409	3.31
		802.11ax_HE160 MCS0	Back	15	Ant 0+1(0)	-	Non DBS		(38UUMAN)		6985	2	13.67	14.00	1.079	99.35	1.007	0.06	0.337	0.366	2.87
		802.11ax_HE160 MCS0	Front	0	Ant 0+1(0)	-	Non DBS	Soft Holster	Standard Battery (3800mAh)	207	6985	1	13.67	14.00	1.079	99.35	1.007	-0.01	0.072	0.078	0.622
	WLAN6GHz	MCSO	Back	0	Ant 0+1(0)	-	Non DBS	Soft Holster	Standard Battery (3800mAh)	207	6985	1	13.67	14.00	1.079	99.35	1.007	0.08	0.351	0.381	3.04
		802.11ax_HE160 MCS0	Back	15	Ant 0+1(0)	-	Non DBS	-	BLE Beacon (3800mAh)	207	6985	1	13.67	14.00	1.079	99.35	1.007	0.14	0.242	0.263	2.130
	WLANGGIZ	802.11ax_HE160 MCS0	Back	15	Ant 0+1(0)	-	Non DBS	-	Extended (5200mAh)	207	6985	1	13.67	14.00	1.079	99.35	1.007	0.04	0.254	0.276	2.340
		802.11ax_HE160 MCS0	Back	15	Ant 0+1(0)	Headset	Non DBS	3.5mm PTT	Standard Battery (3800mAh)	207	6985	1	13.67	14.00	1.079	99.35	1.007	0.03	0.222	0.241	1.920
	WLAN6GHz	802.11ax_HE160 MCS0	Back	15	Ant 0+1(0)	Headset	Non DBS	Type C Audio	Standard Battery (3800mAh)	207	6985	1	13.67	14.00	1.079	99.35	1.007	0.01	0.228	0.248	1.930

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12.3 Product Specific SAR Test Result

<WLAN SAR>

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Battery	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Cycle	Duty Cycle Scaling Factor	Drift	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	
	WLAN6GHz	802.11ax_HE160 MCS0	Front	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	143	6665	1	14.65	15.00	1.084	99.35	1.007	0.01	0.139	0.152	3.1
	WLAN6GHz	802.11ax_HE160 MCS0	Back	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	143	6665	1	14.65	15.00	1.084	99.35	1.007	-0.04	0.299	0.326	6.83
	WLAN6GHz	802.11ax_HE160 MCS0	Left Side	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	143	6665	1	14.65	15.00	1.084	99.35	1.007	-0.03	0.170	0.186	3.9
	WLAN6GHz	802.11ax_HE160 MCS0	Right Side	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	143	6665	1	14.65	15.00	1.084	99.35	1.007	-0.07	0.181	0.198	4.24
	WLAN6GHz	802.11ax_HE160 MCS0	Top Side	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	143	6665	1	14.65	15.00	1.084	99.35	1.007	-0.01	0.180	0.196	4.13
03	WLAN6GHz	802.11ax_HE160 MCS0	Back	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	15	6025	1	13.52	14.00	1.117	99.35	1.007	0.02	0.612	0.688	14.60
	WLAN6GHz	802.11ax_HE160 MCS0	Back	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	15	6025	2	13.52	14.00	1.117	99.35	1.007	0.06	0.595	0.669	14.2
	WLAN6GHz	802.11ax_HE160 MCS0	Back	0	Ant 0+1(1)	Non DBS	Standard Battery (3800mAh)	47	6185	1	12.80	13.00	1.047	99.35	1.007	-0.05	0.478	0.504	11.2
	WLAN6GHz	802.11ax_HE160 MCS0	Back	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	111	6505	1	13.59	14.00	1.099	99.35	1.007	0.03	0.393	0.435	7.17
	WLAN6GHz	802.11ax_HE160 MCS0	Back	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	207	6985	1	13.67	14.00	1.079	99.35	1.007	0.06	0.386	0.419	8.88
	WLAN6GHz	802.11ax_HE160 MCS0	Back	0	Ant 0+1(0)	Non DBS	BLE Beacon (3800mAh)	15	6025	1	13.52	14.00	1.117	99.35	1.007	0.01	0.519	0.584	12.40
	WLAN6GHz	802.11ax_HE160 MCS0	Back	0	Ant 0+1(0)	Non DBS	Extended (5200mAh)	15	6025	1	13.52	14.00	1.117	99.35	1.007	0.06	0.491	0.552	11.70
	WLAN6GHz	802.11ax_HE160 MCS0	Back	0	Ant 0+1(1)	DBS Only	Standard Battery (3800mAh)	15	6025	1	12.12	12.50	1.091	99.35	1.007	0.05	0.400	0.440	8.53

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12.4 Repeated SAR Measurement

N	lo.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Battery	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Limit	Tune-up Scaling Factor	Cycle		Drift	Measured 1g SAR (W/kg)		Reported 1g SAR (W/kg)
1	st۱	VLAN6GHz	802.11ax-HE160 MCS0	Right Cheek	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	207	6985	1	18.28	18.40	1.028	99.35	1.007	0.04	1.060	1	1.098
2	nd \	WLAN6GHz	802.11ax_HE160 MCS0	Right Cheek	0	Ant 0+1(0)	Non DBS	Standard Battery (3800mAh)	207	6985	1	18.28	18.40	1.028	99.35	1.007	0.03	1.020	1.039	1.056

General Note:

- 1. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥0.8W/kg.
- 2. Per KDB 865664 D01v01r04, if the ratio among the repeated measurement is ≤ 1.2 and the measured SAR <1.45W/kg, only one repeated measurement is required.
- 3. The ratio is the difference in percentage between original and repeated measured SAR.
- 4. All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.

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12.5 PD Test Result

Power Density General Notes:

1. The manufacturer has confirmed that the devices tested have the same physical, mechanical and thermal characteristics and are within operational tolerances expected for production units.

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- 2. Batteries are fully charged at the beginning of the measurements.
- 3. Absorbed power density (APD) using a 4cm² averaging area is reported based on SAR measurements.
- 4. Power density was calculated by repeated E-field measurements on two measurement planes separated by λ/4.
- 5. 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.
- 6. 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 2.68 dB (85.4%) was used to determine the psPD measurement scaling factor.
- 7. Per April 2021 TCB Workshop, for the highest SAR test configurations also measure incident PD (total) using power-density reconstruction method in 2 mm closest measurement plane.
- 8. Since this device is considered a phablet and there is no different PD limit on different exposure conditions, as well as different head and body power levels, therefore select highest Head SAR and highest phablet SAR at 0 mm test distance and configurations evaluate power density. Since there is no different PD limit on different exposure conditions, therefore the PD test was performed of a 2mm separation between Probe sensor and EUT surface to cover Head exposure conditions (Front) at head power level and other exposure conditions at body power level of Phone respectively.
- 9. IPD is measured for all edges and surfaces of the device with a transmitting antenna located within 25 mm from that surface or edge.
- 10. The measurement procedure consists of measuring the PDinc at two different distances: 2 mm (compliance distance) and λ/5. The grid extents should be large enough to fully capture the transmitted energy. The grid step should be fine enough to demonstrate that the integrated Power Density iPDn fulfill the criterion described below. Since iPD ratio between the two distances is≥ -1dB, the grid step (0.0625) was sufficient for determining compliance at d=2mm.

$$10 \cdot log_{10} \frac{iPD_n(2mm)}{iPD_n(\lambda/5)} \ge -1$$

<WLAN PD>

Band	Mode	Test Position	Gap (mm)	Antenna	Sample	Ch.	Freq. (MHz)	Average Power (dBm)	Grip Step (λ)	iPDn	iPD ratio (≥ -1)	Normal psPD (W/m^2)	Total psPD (W/m^2)
WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 0+1(0)	1	15	6025	13.52	0.0625	3.43	0.54	4.09	4.53
WLAN6GHz	802.11ax-HE160 MCS0	Back	10mm	Ant 0+1(0)	1	15	6025	13.52	0.15	3.03	0.54	2.74	2.96
WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 0+1(0)	1	207	6985	13.67	0.0625	4.37	0.00	4.13	4.52
WLAN6GHz	802.11ax-HE160 MCS0	Back	8.59mm	Ant 0+1(0)	1	207	6985	13.67	0.15	3.73	0.69	3.820	0.05

For Head

	lot lo.	Band	Mode	Test Position	Gap (mm)		Sample	Ch.	Freq. (MHz)	Average Power (dBm)	Emm	Tune-up Scaling Factor	Cycle	Duty Cycle Scaling Factor	Grip Step (λ)	Scaling Factor for measurement uncertainty	Power Drift (dB)	Normai	Scaled Normal psPD(W/m^2)		Scaled Total psPD(W/m^2)
	٧	VLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 0+1(1)	1	15	6025	16.59	17.00	1.099	99.35	1.007	0.0625	1.5535	0.09	3.520	6.05	4.340	7.46
	٧	VLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 0+1(1)	1	47	6185	15.81	16.00	1.045	99.35	1.007	0.0625	1.5535	0.07	3.360	5.49	4.620	7.55
Γ	٧	VLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 0+1(0)	1	111	6505	16.68	17.00	1.076	99.35	1.007	0.0625	1.5535	0.04	3.470	5.84	4.340	7.31
Γ	٧	VLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 0+1(0)	1	143	6665	18.34	18.50	1.038	99.35	1.007	0.0625	1.5535	-0.08	3.080	5.00	4.850	7.87
Γ	٧	VLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 0+1(0)	2	143	6665	18.34	18.50	1.038	99.35	1.007	0.0625	1.5535	0.03	3.240	5.26	4.770	7.75
	٧	VLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 0+1(0)	1	207	6985	18.28	18.40	1.028	99.35	1.007	0.0625	1.5535	-0.04	3.060	4.92	4.850	7.80

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	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 0+1(0)	1	15	6025	13.52	14.00	1.117	99.35	1.007	0.0625	1.5535	0.07	4.090	7.15	4.530	7.91
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 0+1(1)	1	47	6185	12.80	13.00	1.047	99.35	1.007	0.0625	1.5535	0.13	3.900	6.39	4.530	7.42
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 0+1(0)	1	111	6505	13.59	14.00	1.099	99.35	1.007	0.0625	1.5535	-0.02	3.980	6.84	4.550	7.82
02	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 0+1(0)	1	175	6825	14.68	15.00	1.076	99.35	1.007	0.0625	1.5535	-0.02	4.320	7.27	4.720	7.95
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 0+1(0)	2	175	6825	14.68	15.00	1.076	99.35	1.007	0.0625	1.5535	0.03	3.820	6.43	4.540	7.65
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 0+1(0)	1	143	6665	14.65	15.00	1.084	99.35	1.007	0.0625	1.5535	-0.18	4.190	7.10	4.680	7.94
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 0+1(0)	2	143	6665	14.65	15.00	1.084	99.35	1.007	0.0625	1.5535	0.07	3.730	6.32	3.970	6.73
	WLAN6GHz	802.11ax-HE160 MCS0	Back	2mm	Ant 0+1(0)	1	207	6985	13.67	14.00	1.079	99.35	1.007	0.0625	1.5535	0.05	4.130	6.97	4.520	7.63
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 0+1(0)	1	175	6825	14.68	15.00	1.076	99.35	1.007	0.0625	1.5535	-0.01	1.190	2.00	1.390	2.34
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	2mm	Ant 0+1(0)	1	175	6825	14.68	15.00	1.076	99.35	1.007	0.0625	1.5535	0.01	1.790	3.01	1.970	3.32
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	2mm	Ant 0+1(0)	1	175	6825	14.68	15.00	1.076	99.35	1.007	0.0625	1.5535	-0.17	2.980	5.02	3.430	5.78
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	2mm	Ant 0+1(0)	1	175	6825	14.68	15.00	1.076	99.35	1.007	0.0625	1.5535	0.07	2.090	3.52	2.290	3.86

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13. <u>Uncertainty Assessment</u>

Declaration of Conformity:

The test results with all measurement uncertainty excluded is presented in accordance with the regulation limits or requirements declared by manufacturers.

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Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

The component of uncertainly may generally be categorized according to the methods used to evaluate them. The evaluation of uncertainly by the statistical analysis of a series of observations is termed a Type An evaluation of uncertainty. The evaluation of uncertainty by means other than the statistical analysis of a series of observation is termed a Type B evaluation of uncertainty. Each component of uncertainty, however evaluated, is represented by an estimated standard deviation, termed standard uncertainty, which is determined by the positive square root of the estimated variance.

A Type A evaluation of standard uncertainty may be based on any valid statistical method for treating data. This includes calculating the standard deviation of the mean of a series of independent observations; using the method of least squares to fit a curve to the data in order to estimate the parameter of the curve and their standard deviations; or carrying out an analysis of variance in order to identify and quantify random effects in certain kinds of measurement.

A type B evaluation of standard uncertainty is typically based on scientific judgment using all of the relevant information available. These may include previous measurement data, experience, and knowledge of the behavior and properties of relevant materials and instruments, manufacture's specification, data provided in calibration reports and uncertainties assigned to reference data taken from handbooks. Broadly speaking, the uncertainty is either obtained from an outdoor source or obtained from an assumed distribution, such as the normal distribution, rectangular or triangular distributions indicated in table below.

Uncertainty Distributions	Normal	Rectangular	Triangular	U-Shape
Multi-plying Factor ^(a)	1/k ^(b)	1/√3	1/√6	1/√2

- (a) standard uncertainty is determined as the product of the multiplying factor and the estimated range of variations in the measured quantity
- (b) κ is the coverage factor

Standard Uncertainty for Assumed Distribution

The combined standard uncertainty of the measurement result represents the estimated standard deviation of the result. It is obtained by combining the individual standard uncertainties of both Type A and Type B evaluation using the usual "root-sum-squares" (RSS) methods of combining standard deviations by taking the positive square root of the estimated variances.

Expanded uncertainty is a measure of uncertainty that defines an interval about the measurement result within which the measured value is confidently believed to lie. It is obtained by multiplying the combined standard uncertainty by a coverage factor. Typically, the coverage factor ranges from 2 to 3. Using a coverage factor allows the true value of a measured quantity to be specified with a defined probability within the specified uncertainty range. For purpose of this document, a coverage factor two is used, which corresponds to confidence interval of about 95 %. The DASY uncertainty Budget is shown in the following tables.

The judgment of conformity in the report is based on the measurement results excluding the measurement uncertainty.

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Uncertainty Budget According to IEC/IEEE 62209-1528 (Frequency band: 4 MHz - 10 GHz range)												
Error Description	Uncert. Value (±%)	Prob. Dist.	Div.	(Ci) 1g	(Ci) 10g	Standard Uncertainty (1g) (±%)	Standard Uncertainty (10g) (±%)					
Measurement System errors												
Probe calibration	18.6	N	2	1	1	9.3	9.3					
Probe calibration drift	1.7	R	1.732	1	1	1.0	1.0					
Probe linearity and detection Limit	4.7	R	1.732	1	1	2.7	2.7					
Broadband signal	2.8	R	1.732	1	1	1.6	1.6					
Probe isotropy	7.6	R	1.732	1	1	4.4	4.4					
Other probe and data acquisition errors	2.4	N	1	1	1	2.4	2.4					
RF ambient and noise	1.8	N	1	1	1	1.8	1.8					
Probe positioning errors	0.006	N	1	0.5	0.5	0.0	0.0					
Data processing errors	4.0	N	1	1	1	4.0	4.0					
Phantom and Device Errors												
Measurement of phantom conductivity (σ)	2.5	N	1	0.78	0.71	2.0	1.8					
Temperature effects (medium)	5.4	R	1.732	0.78	0.71	2.4	2.2					
Shell permittivity	14.0	R	1.732	0.5	0.5	4.0	4.0					
Distance between the radiating element of the DUT and the phantom medium	2.0	N	1	2	2	4.0	4.0					
Repeatability of positioning the DUT or source against the phantom	1.0	N	1	1	1	1.0	1.0					
Device holder effects	3.6	N	1	1	1	3.6	3.6					
Effect of operating mode on probe sensitivity	2.4	R	1.732	1	1	1.4	1.4					
Time-average SAR	1.7	R	1.732	1	1	1.0	1.0					
Variation in SAR due to drift in output of DUT	2.5	N	1	1	1	2.5	2.5					
Validation antenna uncertainty (validation measurement only)	0.0	N	1	1	1	0.0	0.0					
Uncertainty in accepted power (validation measurement only)	0.0	N	1	1	1	0.0	0.0					
Correction to the SAR results												
Phantom deviation from target (ϵ',σ)	1.9	N	1	1	0.84	1.9	1.6					
SAR scaling	0.0 R 1.732 1 1				1	0.0	0.0					
Combined	Std. Uncertai	nty				14.5%	14.4%					
Coverage	Factor for 95	%				K=2	K=2					
Expanded	STD Uncertai	nty	29.0%	28.8%								

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SAR Uncertainty Budget for frequency range 4MHz to 10GHz

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cDASY6 Module mmWave Uncertainty Budget
Evaluation Distances to the Antennas > $\lambda/2\pi$
In Compliance with IEC TR 63170

Report No.: FA2D2902B

Uncertainty Value (±dB) Probability Divisor (Ci) Standard Uncertainty (±dB) Value (±dB	III Compilance with 120 TX 03170													
Probe Calibration 0.49 N 1 1 0.49 Probe correction 0.00 R 1.732 1 0.00 Frequency response 0.20 R 1.732 1 0.01 Sensor cross coupling 0.00 R 1.732 1 0.00 Isotropy 0.50 R 1.732 1 0.29 Linearity 0.20 R 1.732 1 0.29 Linearity 0.20 R 1.732 1 0.12 Probe scattering 0.00 R 1.732 1 0.12 Probe positioning offset 0.30 R 1.732 1 0.00 Probe positioning repeatability 0.04 R 1.732 1 0.02 Sensor mechanical offset 0.00 R 1.732 1 0.02 Sensor mechanical offset 0.00 R 1.732 1 0.00 Sensor mechanical offset 0.00 R 1.732	Error Description	Value	Probability	Divisor	(Ci)	Uncertainty								
Probe correction 0.00 R 1.732 1 0.00 Frequency response 0.20 R 1.732 1 0.12 Sensor cross coupling 0.00 R 1.732 1 0.00 Isotropy 0.50 R 1.732 1 0.29 Linearity 0.20 R 1.732 1 0.12 Probe scattering 0.00 R 1.732 1 0.02 Probe positioning offset 0.30 R 1.732 1 0.01 Probe positioning repeatability 0.04 R 1.732 1 0.02 Sensor mechanical offset 0.00 R 1.732 1 0.02 Sensor mechanical offset 0.00 R 1.732 1 0.00 Probe spatial resolution 0.00 R 1.732 1 0.00 Amplitude and phase ofift 0.00 R 1.732 1 0.00 Amplitude and phase onise 0.04 R														
Frequency response	Probe Calibration	0.49	N	1	1	0.49								
Sensor cross coupling	Probe correction	0.00	R	1.732	1	0.00								
Sotropy	Frequency response	0.20	R	1.732	1	0.12								
Linearity	Sensor cross coupling	0.00	R	1.732	1	0.00								
Probe scattering 0.00 R 1.732 1 0.00 Probe positioning offset 0.30 R 1.732 1 0.17 Probe positioning repeatability 0.04 R 1.732 1 0.02 Sensor mechanical offset 0.00 R 1.732 1 0.00 Probe spatial resolution 0.00 R 1.732 1 0.00 Field impedance dependence 0.00 R 1.732 1 0.00 Amplitude and phase drift 0.00 R 1.732 1 0.00 Amplitude and phase noise 0.04 R 1.732 1 0.00 Measurement area truncation 0.00 R 1.732 1 0.02 Measurement area truncation 0.00 R 1.732 1 0.02 Measurement area truncation 0.00 R 1.732 1 0.00 Bata acquisition 0.03 N 1 1 0.03 Sampling 0.00<	Isotropy	0.50	R	1.732	1	0.29								
Probe positioning offset 0.30 R 1.732 1 0.17 Probe positioning repeatability 0.04 R 1.732 1 0.02 Sensor mechanical offset 0.00 R 1.732 1 0.00 Probe spatial resolution 0.00 R 1.732 1 0.00 Field impedance dependence 0.00 R 1.732 1 0.00 Amplitude and phase drift 0.00 R 1.732 1 0.00 Amplitude and phase noise 0.04 R 1.732 1 0.00 Measurement area truncation 0.00 R 1.732 1 0.00 Measurement area truncation 0.00 R 1.732 1 0.00 Measurement area truncation 0.00 R 1.732 1 0.00 Base principles 0.00 R 1.732 1 0.00 Sampling 0.00 R 1.732 1 0.00 Field reconstruction <t< td=""><td>Linearity</td><td>0.20</td><td>R</td><td>1.732</td><td>1</td><td>0.12</td></t<>	Linearity	0.20	R	1.732	1	0.12								
Probe positioning repeatability 0.04 R 1.732 1 0.02 Sensor mechanical offset 0.00 R 1.732 1 0.00 Probe spatial resolution 0.00 R 1.732 1 0.00 Field impedance dependence 0.00 R 1.732 1 0.00 Amplitude and phase drift 0.00 R 1.732 1 0.00 Amplitude and phase noise 0.04 R 1.732 1 0.00 Measurement area truncation 0.00 R 1.732 1 0.00 Basic representation 0.00 R 1.732 1 0.00 Sampling 0.00 R 1.732 1 0.00 Fower density scaling	Probe scattering	0.00	R	1.732	1	0.00								
Sensor mechanical offset 0.00 R 1.732 1 0.00 Probe spatial resolution 0.00 R 1.732 1 0.00 Field impedance dependence 0.00 R 1.732 1 0.00 Amplitude and phase drift 0.00 R 1.732 1 0.00 Amplitude and phase noise 0.04 R 1.732 1 0.00 Measurement area truncation 0.00 R 1.732 1 0.00 Data acquisition 0.03 N 1 1 0.03 Sampling 0.00 R 1.732 1 0.00 Sampling 0.00 R 1.732 1 0.00 Field reconstruction 2.00 R 1.732 1 0.00 Field reconstruction 2.00 R 1.732 1 0.00 Field reconstruction 2.00 R 1.732 1 0.00 Power density scaling 0.00 R	Probe positioning offset	0.30	R	1.732	1	0.17								
Probe spatial resolution 0.00 R 1.732 1 0.00 Field impedance dependence 0.00 R 1.732 1 0.00 Amplitude and phase drift 0.00 R 1.732 1 0.00 Amplitude and phase noise 0.04 R 1.732 1 0.02 Measurement area truncation 0.00 R 1.732 1 0.00 Data acquisition 0.03 N 1 1 0.03 Sampling 0.00 R 1.732 1 0.00 Sampling 0.00 R 1.732 1 0.00 Field reconstruction 2.00 R 1.732	Probe positioning repeatability	0.04	R	1.732	1	0.02								
Field impedance dependence 0.00 R 1.732 1 0.00 Amplitude and phase drift 0.00 R 1.732 1 0.00 Amplitude and phase noise 0.04 R 1.732 1 0.02 Measurement area truncation 0.00 R 1.732 1 0.00 Data acquisition 0.03 N 1 1 0.03 Sampling 0.00 R 1.732 1 0.00 Field reconstruction 2.00 R 1.732 1 0.00 Power density scaling 0.00 R 1.732 1 0.00 Spatial averaging 0.10 R <td< td=""><td>Sensor mechanical offset</td><td>0.00</td><td>R</td><td>1.732</td><td>1</td><td>0.00</td></td<>	Sensor mechanical offset	0.00	R	1.732	1	0.00								
Amplitude and phase drift 0.00 R 1.732 1 0.00 Amplitude and phase noise 0.04 R 1.732 1 0.02 Measurement area truncation 0.00 R 1.732 1 0.00 Data acquisition 0.03 N 1 1 0.03 Sampling 0.00 R 1.732 1 0.00 Field reconstruction 2.00 R 1.732 1 0.00 Power density scaling 0.00 R 1.732 1 0.00 Power density scaling 0.00 R 1.732 1 0.00 System detection limit 0.00 R 1.732 1 0.06 System detection limit 0.04 R 1.732 1 0.02 Uncertainty terms dependent on the DUT and environmental facto	Probe spatial resolution	0.00	R	1.732	1	0.00								
Amplitude and phase noise 0.04 R 1.732 1 0.02 Measurement area truncation 0.00 R 1.732 1 0.00 Data acquisition 0.03 N 1 1 0.03 Sampling 0.00 R 1.732 1 0.00 Field reconstruction 2.00 R 1.732 1 0.00 Power density scaling 0.00 R 1.732 1 0.00 Power density scaling 0.00 R 1.732 1 0.00 System detection limit 0.00 R 1.732 1 0.06 System detection limit 0.04 R 1.732 1 0.02 Uncertainty terms dep endent on the DUT and environmental factors <td>Field impedance dependence</td> <td>0.00</td> <td>R</td> <td>1.732</td> <td>1</td> <td>0.00</td>	Field impedance dependence	0.00	R	1.732	1	0.00								
Measurement area truncation 0.00 R 1.732 1 0.00 Data acquisition 0.03 N 1 1 0.03 Sampling 0.00 R 1.732 1 0.00 Field reconstruction 2.00 R 1.732 1 0.00 Forward transformation 0.00 R 1.732 1 0.00 Power density scaling 0.00 R 1.732 1 0.00 System detection limit 0.00 R 1.732 1 0.06 System detection limit 0.04 R 1.732 1 0.02 Uncertainty terms dep endent on the DUT and environmental factors 0.00 R 1.732 1 0.0 Modulation response 0.40	Amplitude and phase drift	0.00	R	1.732	1	0.00								
Data acquisition 0.03 N 1 1 0.03 Sampling 0.00 R 1.732 1 0.00 Field reconstruction 2.00 R 1.732 1 1.15 Forward transformation 0.00 R 1.732 1 0.00 Power density scaling 0.00 R 1.732 1 0.00 Spatial averaging 0.10 R 1.732 1 0.06 System detection limit 0.04 R 1.732 1 0.06 System detection limit 0.04 R 1.732 1 0.02 Uncertainty terms dep endent on the DUT and environmental factors Probe coupling with DUT 0.00 R 1.732 1 0.0 Modulation response 0.40 R 1.732 1 0.0 Modulation response 0.40 R 1.732 1 0.0 Response time 0.00 R 1.732 1 0.0	Amplitude and phase noise	0.04	R	1.732	1	0.02								
Sampling 0.00 R 1.732 1 0.00 Field reconstruction 2.00 R 1.732 1 1.15 Forward transformation 0.00 R 1.732 1 0.00 Power density scaling 0.00 R 1.732 1 0.00 Spatial averaging 0.10 R 1.732 1 0.06 System detection limit 0.04 R 1.732 1 0.06 System detection limit 0.04 R 1.732 1 0.02 Uncertainty terms dep endent on the DUT and environmental factors 0.02 0.02 0.02 Uncertainty terms dep endent on the DUT and environmental factors 0.00 R 1.732 1 0.0 Modulation response 0.40 R 1.732 1 0.0 Modulation response 0.40 R 1.732 1 0.0 Response time 0.00 R 1.732 1 0.0 Response time 0.00	Measurement area truncation	0.00	R	1.732	1	0.00								
Field reconstruction 2.00 R 1.732 1 1.15 Forward transformation 0.00 R 1.732 1 0.00 Power density scaling 0.00 R 1.732 1 0.00 Spatial averaging 0.10 R 1.732 1 0.06 System detection limit 0.04 R 1.732 1 0.02 Uncertainty terms dep endent on the DUT and environmental factors Probe coupling with DUT 0.00 R 1.732 1 0.0 Modulation response 0.40 R 1.732 1 0.2 Integration time 0.00 R 1.732 1 0.0 Response time 0.00 R 1.732 1 0.0 Device holder influence 0.10 R 1.732 1 0.0 RF ambient conditions 0.04 R 1.732 1 0.0 Ambient reflections 0.04 R 1.732 1 0.0	Data acquisition	0.03	N	1	1	0.03								
Forward transformation 0.00 R 1.732 1 0.00 Power density scaling 0.00 R 1.732 1 0.00 Spatial averaging 0.10 R 1.732 1 0.06 System detection limit 0.04 R 1.732 1 0.02 Uncertainty terms dep endent on the DUT and environmental factors Probe coupling with DUT 0.00 R 1.732 1 0.0 Modulation response 0.40 R 1.732 1 0.0 Response time 0.00 R 1.732 1 0.0 Response time 0.00 R 1.732 1 0.1 DUT alignment 0.00 R 1.732 1 0.0	Sampling	0.00	R	1.732	1	0.00								
Power density scaling	Field reconstruction	2.00	R	1.732	1	1.15								
Spatial averaging 0.10 R 1.732 1 0.06 System detection limit 0.04 R 1.732 1 0.02 Uncertainty terms dep endent on the DUT and environmental factors Probe coupling with DUT 0.00 R 1.732 1 0.0 Modulation response 0.40 R 1.732 1 0.2 Integration time 0.00 R 1.732 1 0.0 Response time 0.00 R 1.732 1 0.0 Device holder influence 0.10 R 1.732 1 0.1 DUT alignment 0.00 R 1.732 1 0.0 RF ambient conditions 0.04 R 1.732 1 0.0 Ambient reflections 0.04 R 1.732 1 0.0 Immunity / secondary reception 0.00 R 1.732 1 0.0 Drift of the DUT Combined Std. Uncertainty 1.34	Forward transformation	0.00	R	1.732	1	0.00								
System detection limit 0.04 R 1.732 1 0.02 Uncertainty terms dep endent on the DUT and environmental factors Probe coupling with DUT 0.00 R 1.732 1 0.0 Modulation response 0.40 R 1.732 1 0.2 Integration time 0.00 R 1.732 1 0.0 Response time 0.00 R 1.732 1 0.0 Device holder influence 0.10 R 1.732 1 0.1 DUT alignment 0.00 R 1.732 1 0.0 RF ambient conditions 0.04 R 1.732 1 0.0 Ambient reflections 0.04 R 1.732 1 0.0 Immunity / secondary reception 0.00 R 1.732 1 0.0 Drift of the DUT R 1.732 1 0.0	Power density scaling	0.00	R	1.732	1	0.00								
Uncertainty terms dep endent on the DUT and environmental factors Probe coupling with DUT 0.00 R 1.732 1 0.0 Modulation response 0.40 R 1.732 1 0.2 Integration time 0.00 R 1.732 1 0.0 Response time 0.00 R 1.732 1 0.0 Device holder influence 0.10 R 1.732 1 0.1 DUT alignment 0.00 R 1.732 1 0.0 RF ambient conditions 0.04 R 1.732 1 0.0 Ambient reflections 0.04 R 1.732 1 0.0 Immunity / secondary reception 0.00 R 1.732 1 0.0 Drift of the DUT R 1.732 1 0.0	Spatial averaging	0.10	R	1.732	1	0.06								
Probe coupling with DUT 0.00 R 1.732 1 0.0 Modulation response 0.40 R 1.732 1 0.2 Integration time 0.00 R 1.732 1 0.0 Response time 0.00 R 1.732 1 0.0 Device holder influence 0.10 R 1.732 1 0.1 DUT alignment 0.00 R 1.732 1 0.0 RF ambient conditions 0.04 R 1.732 1 0.0 Ambient reflections 0.04 R 1.732 1 0.0 Immunity / secondary reception 0.00 R 1.732 1 0.0 Drift of the DUT R 1.732 1 0.0	System detection limit	0.04	R	1.732	1	0.02								
Modulation response 0.40 R 1.732 1 0.2 Integration time 0.00 R 1.732 1 0.0 Response time 0.00 R 1.732 1 0.0 Device holder influence 0.10 R 1.732 1 0.1 DUT alignment 0.00 R 1.732 1 0.0 RF ambient conditions 0.04 R 1.732 1 0.0 Ambient reflections 0.04 R 1.732 1 0.0 Immunity / secondary reception 0.00 R 1.732 1 0.0 Drift of the DUT R 1.732 1 0.0	Uncertainty terms dep endent on the DUT an	d environmental t	factors											
Integration time 0.00 R 1.732 1 0.0 Response time 0.00 R 1.732 1 0.0 Device holder influence 0.10 R 1.732 1 0.1 DUT alignment 0.00 R 1.732 1 0.0 RF ambient conditions 0.04 R 1.732 1 0.0 Ambient reflections 0.04 R 1.732 1 0.0 Immunity / secondary reception 0.00 R 1.732 1 0.0 Drift of the DUT R 1.732 1 0.0	Probe coupling with DUT	0.00	R	1.732	1	0.0								
Response time 0.00 R 1.732 1 0.0 Device holder influence 0.10 R 1.732 1 0.1 DUT alignment 0.00 R 1.732 1 0.0 RF ambient conditions 0.04 R 1.732 1 0.0 Ambient reflections 0.04 R 1.732 1 0.0 Immunity / secondary reception 0.00 R 1.732 1 0.0 Drift of the DUT R 1.732 1 1.34	Modulation response	0.40	R	1.732	1	0.2								
Device holder influence 0.10 R 1.732 1 0.1 DUT alignment 0.00 R 1.732 1 0.0 RF ambient conditions 0.04 R 1.732 1 0.0 Ambient reflections 0.04 R 1.732 1 0.0 Immunity / secondary reception 0.00 R 1.732 1 0.0 Drift of the DUT R 1.732 1 1.34	Integration time	0.00	R	1.732	1	0.0								
DUT alignment 0.00 R 1.732 1 0.0 RF ambient conditions 0.04 R 1.732 1 0.0 Ambient reflections 0.04 R 1.732 1 0.0 Immunity / secondary reception 0.00 R 1.732 1 0.0 Drift of the DUT R 1.732 1 1.34	Response time	0.00	R	1.732	1	0.0								
RF ambient conditions 0.04 R 1.732 1 0.0 Ambient reflections 0.04 R 1.732 1 0.0 Immunity / secondary reception 0.00 R 1.732 1 0.0 Drift of the DUT R 1.732 1 1 1.34	Device holder influence	0.10	R	1.732	1	0.1								
Ambient reflections 0.04 R 1.732 1 0.0 Immunity / secondary reception 0.00 R 1.732 1 0.0 Drift of the DUT R 1.732 1 1 Combined Std. Uncertainty 1.34	DUT alignment		R		1									
Immunity / secondary reception 0.00 R 1.732 1 0.0 Drift of the DUT R 1.732 1 Combined Std. Uncertainty 1.34	RF ambient conditions	0.04	R	1.732	1	0.0								
Drift of the DUT R 1.732 1 Combined Std. Uncertainty 1.34	Ambient reflections	0.04	R	1.732	1	0.0								
Combined Std. Uncertainty 1.34	Immunity / secondary reception	0.00	R	1.732	1	0.0								
·	Drift of the DUT		R	1.732	1									
Expanded STD Uncertainty (95%) 2.68						1.34								
	Expanded ST	D Uncertainty (95	5%)			2.68								

PD Uncertainty Budget

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14. References

[1] FCC 47 CFR Part 2 "Frequency Allocations and Radio Treaty Matters; General Rules and Regulations"

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- [2] 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", September 1992
- [3] IEEE Std. 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", Sep 2013
- [4] FCC KDB 248227 D01 v02r02, "SAR Guidance for IEEE 802.11 (WiFi) Transmitters", Oct 2015.
- [5] FCC KDB 447498 D01 v06, "Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies", Oct 2015
- [6] FCC KDB 648474 D04 v01r03, "SAR Evaluation Considerations for Wireless Handsets", Oct 2015.
- [7] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.
- [8] FCC KDB 865664 D02 v01r02, "RF Exposure Compliance Reporting and Documentation Considerations" Oct 2015.
- [9] 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)", Oct. 2020
- [10] IEC 62479:2010 Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
- [11] 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
- [12] SPEAG DASY System Handbook
- [13] SPEAG DASY6 Application Note (Interim Procedures for Devices Operating at 6-10 GHz)

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