

Page: 1 of 92

RF Exposure report





The following samples were submitted and identified on behalf of the client as:

Qualcomm WiFi 7/BT Combo module **Product Name**

Qualcomm **Brand Name** QCNCM825 Model No.

ASUSTeK COMPUTER INC. **Applicant**

1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

IEEE/ANSI C95.1-1992, IEEE 1528-2013 **Standards**

FCC ID MSQ-QCNCM825

Date of EUT Receipt May 7, 2024

Date of Test(s) May 20, 2024 ~ May 31, 2024

Date of Issue Jun. 18, 2024

In the configuration tested, the EUT complied with the standards specified above.

Remarks:

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS Taiwan Ltd. Central RF Lab or testing done by SGS Taiwan Ltd. Central RF Lab in connection with distribution or use of the product described in this report must be approved by SGS Taiwan Ltd. Central RF Lab in writing.

Signed on behalf of SGS

Clerk / Kimmy Chiou	PM / Afu Chen	Approved By / John Yeh	
Kimmy Chiou	afor Chen	John Teh	

Date: Jun. 18, 2024

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 2 of 92

Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TESA2405000293ES	00	Initial creation of document	Jun. 06, 2024	Kimmy Chiou	
TESA2405000293ES	01	Update power	Jun. 18, 2024	Kimmy Chiou	*

Note:

- 1. The mark " * " is the revised version of the report due to comments submitted by the certification.
- Variant information of model numbers is provided by the applicant, test results of this report are applicable to the sample EUT(s) received. And are assessed as electrically identical in RF characteristics, therefore, no further assessment required for the variant(s).

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 3 of 92

Contents

1	GENERAL INFORMATION	
	1.1 Test Methodology	5
	1.2 Description of EUT	6
	1.3 Maximum value	
	1.4 Antenna Information	7
2	MEASUREMENT SYSTEM	8
	2.1 Test Facility	8
	2.2 SAR System	9
	2.3 PD system	13
3	SAR SYSTEM VERIFICATION	15
	3.1 Tissue Simulating Liquid	15
	3.2 Tissue Simulant Liquid measurement	15
	3.3 Measurement results of Tissue Simulant Liquid	16
	3.4 The composition of the tissue simulating liquid:	
	3.5 System check	
	3.6 System check results	
4	PD SYSTEM VERIFICATION	
	4.1 System check	19
	4.2 System check result	
5	TEST CONFIGURATIONS	
	5.1 Test Environment	21
	5.2 Test Note	21
	5.3 Test position	
	5.4 Test limit	
6	MAXIMUM OUTPUT POWER	
	6.1 WLAN	
	6.2 WIFI 6E	
	6.3 Bluetooth	47
	6.4 BLE	
7	DUTY CYCLE	
8	SUMMARY OF RESULTS	52
	8.1 Decision rules	
	8.2 Summary of SAR Results	
	8.3 Summary of PD Results	
	8.4 Reporting statements of conformity	
	8.5 Conclusion	
9	SIMULTANEOUS TRANSMISSION ANALYSIS	
	9.1 Simultaneous Transmission Scenarios:	
	9.2 Estimated SAR calculation	-
	9.3 SPLSR evaluation and analysis	
	9.4 Conclusion	
10	INSTRUMENTS LIST	
11	UNCERTAINTY BUDGET	
12		66

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

所非另有說明・此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 t (886-2) 2299-3279 f (886-2) 2298-0488



Page: 4 of 92

13	PD ME	ASUREMENT RESULTS	80
14	SAR S	/STEM CHECK RESULTS	85
15	PD SYS	STEM CHECK RESULTS	91
16	APPEN	DIXES	92
	16.1 SA	R Appendix A Photographs	92
	16.2 SA	R_Appendix B DAE & Probe Cal. Certificate	92
		R Appendix C Phantom Description & Dipole Cal. Certificate	

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

所非另有說明・此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 5 of 92

GENERAL INFORMATION

1.1 Test Methodology

The SAR testing method and procedure for this device is in accordance with the following standards:

IEEE/ANSI C95.1-1992

IEEE 1528-2013

KDB447498D01v06

KDB865664D01v01r04

KDB865664D02v01r02

KDB616217D04v01r02

KDB248227D01v02r01

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

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 6 of 92

1.2 Description of EUT

Product Name:	Qualcomm WiFi 7/BT Combo module				
Brand Name:	Qualcomm	Qualcomm			
Model No.:	QCNCM825				
FCC ID	MSQ-QCNCM825				
Host Information	Product Type: Notebook PC Brand Name: ASUS Model Name: HT5306Q, JT5306Q All models are electrically identical, different model names are for marketing purpose.				
Duty Cyclo	WLAN802.11	Please refer to section 7			
Duty Cycle	Bluetooth	Please refer to section 7			
	802.11 b/g/n/ac/ax/be	2.4GHz (2400.0 – 2483.5 MHz)			
Supported radios (TX	802.11a/n/ac/ax/be	5.2GHz (5150.0 –5350.0 MHz) 5.6GHz (5470.0 – 5725.0 MHz) 5.8GHz (5725.0 – 5850.0 MHz) 5.9GHz (5850.0 – 5895.0 MHz)			
Frequency Range, MHz)	802.11ax/be	6.2GHz (5925.0 – 6425.0 MHz) 6.5GHz (6425.0 – 6525.0 MHz) 6.7GHz (6525.0 – 6875.0 MHz) 7.0GHz (6875.0 – 7125.0 MHz)			
	Bluetooth	2.4GHz (2400.0 – 2483.5 MHz)			

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有验证,他就是结果成果的证明,不可能以推翻。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

www.sgs.com.tw



Page: 7 of 92

1.3 Maximum value

Summary of Maximum SAR and Power Density Value					
Mode	Highest SAR 1g	Highest APD	Highest PD		
IVIOGE	(W/kg)	(W/m^2)	(W/m^2)		
Bluetooth(GFSK)	0.37	N/A	N/A		
2.4G WLAN	0.48	N/A	N/A		
5.2G WLAN	0.66	N/A	N/A		
5.3G WLAN	0.83	N/A	N/A		
5.6G WLAN	0.84	N/A	N/A		
5.8G WLAN	0.96	N/A	N/A		
5.9G WLAN	1.04	N/A	N/A		
6G WLAN	1.05	8.18	6.99		

1.4 Antenna Information

Tablet mode WLAN

Tablet Houe_WEAR	ablet mode_wtAn									
Vendor		INPAQ								
Antenna		Main								
Part Number					WA-F-LE	E-02-051				
Frequency(MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850	5850~5895	5925~6425	6425~6525	6525~6875	6875~7125
Gain (dBi)	-1.14	2.66	2.66	4.17	4.17	4.45	4.66	4.81	4.81	3.08
Antenna					A	ux				
Part Number	WA-F-LE-01-013									
Frequency(MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850	5850~5895	5925~6425	6425~6525	6525~6875	6875~7125
Gain (dBi)	1.10	1.95	1.95	2.05	1.81	1.34	2.69	2.86	2.86	1.04

Note: Antenna information is provided by the applicant.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有验明,此就是结果保护证明,是我们就是一个专家,因此让我们就是一个专家,因此,我们就是一个专家的。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司 t (886-2) 2



Page: 8 of 92

2 MEASUREMENT SYSTEM

2.1 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designation number	IC CAB identifier
	1F, No. 8, Alley 15, Lane 120,	SAR 2		TW3702
	Sec. 1, NeiHu Road, Neihu District, Taipei City, 11493, Taiwan.	SAR 6	TW0029	
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)		SAR 8		
	No. 2, Keji 1st Rd., Guishan	SAR 1	TW0028	
	Township, Taoyuan County, 33383, Taiwan	SAR 4		
	No.134, Wu Kung Road, New Taipei Industrial Park,	SAR 3	TM/0007	
Wuku District, New Taipei City, Taiwan		SAR 7	TW0027	

Note: Test site name is remarked on the equipment list in each section of this report as an indication where measurements occurred in specific test site and address.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 险非只有的明,此想些结果做新测验之缘具负责,同时此模具做是例如于。木型生主领水公司事面纯可,不可可以推测。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司 t (886

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

www.sqs.com.tw

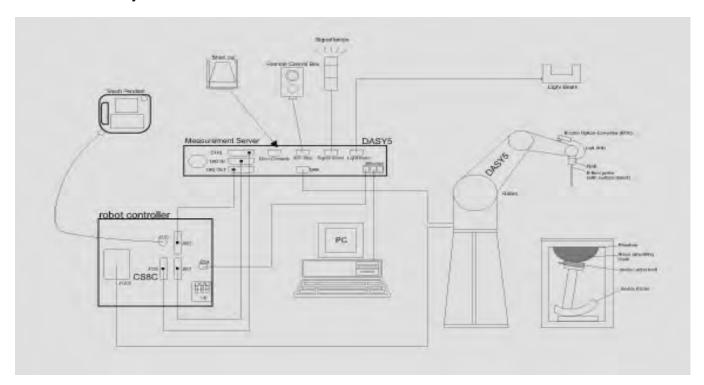


Page: 9 of 92

SAR System

Block Diagram (DASY5)

A block diagram of the SAR measurement System is given in below. This SAR measurement system uses a computer-controlled 3-D stepper motor system (SPEAG DASY 5 professional system). The model EX3DV4 field probe is used to determine the internal electric fields. The SAR can be obtained from the equation SAR= σ (|Ei|²)/ ρ where σ and ρ are the conductivity and mass density of the tissue-simulant.



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

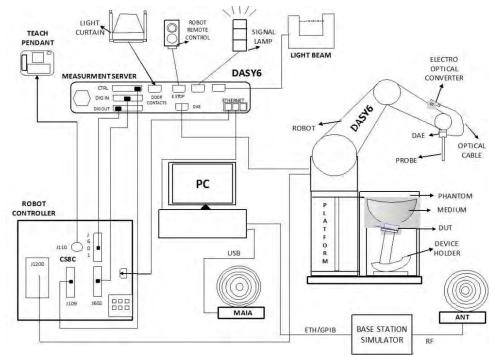
除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 10 of 92

Block Diagram (DASY6)

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



- 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.

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

t (886-2) 2299-3279 f (886-2) 2298-0488 www.sgs.com.tw



Page: 11 of 92

EX3DV4 E-Field Probe

Construction	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)
Calibration	Basic Broad Band Calibration in air Conversion Factors (CF) for HSL 2450/5250/5600/5750/6500/7000MHz Additional CF for other liquids and frequencies upon request
Frequency	10 MHz to > 6 GHz
Directivity	± 0.3 dB in HSL (rotation around probe axis)
-	± 0.5 dB in tissue material (rotation normal to probe axis)
Dynamic	10 μW/g to > 100 mW/g
Range	Linearity: ± 0.2 dB (noise: typically < 1 μW/g)
Dimensions	Tip diameter: 2.5 mm
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6 GHz with precision of better 30%.

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 12 of 92

PHANTOM (FI I)

PHANTOW (E	E1)			
Model	ELI			
Construction	The ELI phantom is used for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI is fully compatible with the IEC 62209-2 standard and all known tissue simulating liquids. ELI has been optimized regarding its performance and can be integrated into our standard phantom tables. A cover prevents evaporation of the liquid. Reference markings on the phantom allow installation of the complete setup, including all predefined phantom positions and measurement grids, by teaching three points. The phantom is compatible with all SPEAG dosimetric probes and dipoles.			
Shell	2 ± 0.2 mm			
Thickness				
Filling Volume	Approx. 30 liters			
Dimensions	Major axis: 600 mm			
	Minor axis: 400 mm			

DEVICE HOLDER

 - 	
The device holder (Supporter) for Notebook is made by POM (polyoxymethylene resin), which is non-metal and non-conductive. The height can be adjusted to fit varies kind of notebooks.	
	Device Holder

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

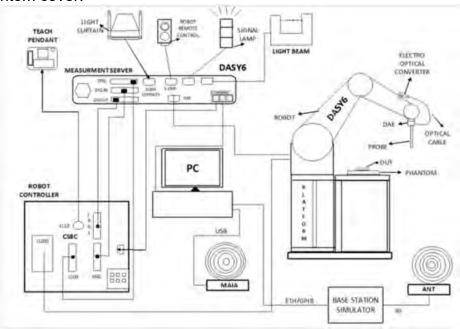


Page: 13 of 92

2.3 PD system

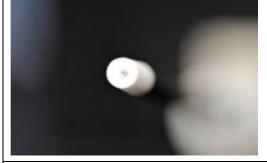
Block Diagram (DASY6)

Power density measurements for mmWave frequencies were performed using SPEAG DASY6 with cDASY6 5G module. The DASY6 included a high precision robotics system (Staubli), robot controller, desktop computer, near-field probe, probe alignment sensor, and the 5G phantom cover.



EUmmWVx probe

The EUmmWVx probe is based on the pseudo-vector probe design, which not only measures the field magnitude but also derives its polarization ellipse. The design entails two small 0.8mm dipole sensors mechanically protected by high-density foam, printed on both sides of a 0.9mm wide and 0.12mm thick glass substrate. The body of the probe is specifically constructed to minimize distortion by the scattered fields. The probe consist of two sensors with different angles (1 and 2) arranged in the same plane in the probe axis. Three or more measurements of the two sensors are taken for different probe rotational angles to derive the amplitude and polarization information. The probe design allows measurements at distances as small as 2mm from the sensors to the surface of the device under test (DUT). The typical sensor to probe tip distance is 1.5 mm. The exact distance is calibrated.



Two dipoles optimally arranged to obtain pseudovector information. Minimum 3 measurements/point, 120° rotated around probe axis.

Sensors (0.8mm length) printed on glass substrate protected by high density foam.Low perturbation of the measured field. Requires positioner which can do accurate probe rotation.

Frequency Range

750 MHz - 110 GHz

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 隆北무方와마,此茲史廷田儀默剛建之粹모습룡, 同時世撰모儀歷朝國王。太親史王德太八司東西姓司,太司朝政道朝。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

505 falwari Etu.



Page: 14 of 92

Dynamic Range	< 20 V/m - 10,000 V/m with PRE-10 (min <
	50 V/m - 3000 V/m)
Position Precision	< 0.2 mm (DASY6)
Dimensions	Overall length: 337 mm (tip: 20 mm)
	Tip diameter: encapsulation 8 mm
	(internal sensor < 1mm)
	Distance from probe tip to dipole centers:
	< 2 mm. Sensor displacement to probe's
	calibration point: < 0.3 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 (cDASY6 5G module
sensor 1,5mm calibrated	required)
device	
Compatibility	cDASY6 + 5G-Module SW1.0 and higher

mmWave Phantom

The mmWave Phantom approximates free-space conditions, allowing for the evaluation of the antenna side of the device and the front (screen) side or any opposite-radiating side of wireless devices operating above 10 GHz without distorting the RF field. It consists of a 40mm thick Rohacell plate used as a test bed, which has a loss tangent ($\tan \delta$) \leq 0.05 and a relative permittivity (ϵ r) \leq 1.2. High-performance RF absorbers are placed below the foam.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除北只方的时,此起生处田茂縣和建立建立,居时此接且茂原河の子。太祖华上海大河自東西地方,无可如此海剿。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司



Page: 15 of 92

3 SAR SYSTEM VERIFICATION

3.1 Tissue Simulating Liquid

For the measurement of the field distribution inside the SAM phantom with DASY, the phantom must be filled with homogeneous tissue simulating liquid. For head SAR testing, the liquid height from the ear rint (ERP) of the phantom to the liquid top surface is larger than 15cm. For body SAR testing, the liquid height fromeference po the center of the flat phantom to the liquid top surface is larger than 15cm.

3.2 Tissue Simulant Liquid measurement

The dielectric properties for this Head-simulant fluid were measured by using the SPEAG Dielectric Assessment Kit (DAKS-3.5)

All dielectric parameters of tissue simulates were measured within 24 hours of SAR measurements. The measured conductivity and permittivity are all within \pm 5% of the target values.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有铅明,此数些结甲磺胺别对关键具色素,同既此类具属是例如于。大数型生产概太从司隶而统可,不可如必遏制。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

GS Talwan Ltd. | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

www.sqs.com.tw



Page: 16 of 92

3.3 Measurement results of Tissue Simulant Liquid

Measured Frequency (MHz)	Target Dielectric Constant, εr	Target Conductivity, σ (S/m)	Measured Dielectric Constant, εr	Measured Conductivity, σ (S/m)	% dev ɛr	% dev σ	Limit	Measurement Date
2402	39.282	1.757	39.432	1.805	0.38%	2.70%	± 5%	
2412	39.265	1.766	39.415	1.813	0.38%	2.64%	± 5%	
2417	39.257	1.771	39.406	1.818	0.38%	2.67%	± 5%	
2437	39.222	1.788	39.370	1.835	0.38%	2.60%	± 5%	
2441	39.215	1.792	39.363	1.839	0.38%	2.62%	± 5%	
2450	39.200	1.800	39.347	1.847	0.37%	2.61%	± 5%	May. 21, 2024
2457	39.191	1.807	39.338	1.853	0.38%	2.52%	± 5%	
2462	39.184	1.813	39.332	1.857	0.38%	2.44%	± 5%	
2467	39.177	1.818	39.325	1.862	0.38%	2.41%	± 5%	
2472	39.171	1.823	39.319	1.867	0.38%	2.39%	± 5%	
2480	39.160	1.832	39.309	1.874	0.38%	2.29%	± 5%	
5190	36.010	4.650	36.144	4.692	0.37%	0.91%	± 5%	
5230	35.970	4.690	36.098	4.733	0.36%	0.92%	± 5%	M 00 0004
5250	35.950	4.710	36.076	4.754	0.35%	0.93%	± 5%	May. 22, 2024
5270	35.930	4.730	36.053	4.774	0.34%	0.93%	± 5%	
5310	35.890	4.770	36.007	4.816	0.33%	0.96%	± 5%	
5530	35.605	4.997	35.756	5.045	0.42%	0.97%	± 5%	
5600	35.500	5.070	35.676	5.117	0.50%	0.93%	± 5%	
5610	35.490	5.080	35.664	5.127	0.49%	0.93%	± 5%	
5690	35.410	5.160	35.573	5.209	0.46%	0.95%	± 5%	May. 23, 2024
5750	35.350	5.220	35.504	5.271	0.44%	0.98%	± 5%	
5775	35.325	5.245	35.476	5.297	0.43%	0.99%	± 5%	
5850	35.250	5.323	35.390	5.375	0.40%	0.99%	± 5%	
5855	35.245	5.328	35.384	5.380	0.39%	0.98%	± 5%	
6105	34.974	5.604	35.092	5.641	0.34%	0.66%	± 5%	
6265	34.782	5.793	34.900	5.809	0.34%	0.28%	± 5%	
6425	34.590	5.982	34.708	5.979	0.34%	-0.04%	± 5%	
6500	34.500	6.070	34.618	6.059	0.34%	-0.18%	± 5%	May. 24, 2024
6625	34.350	6.215	34.468	6.192	0.34%	-0.37%	± 5%	
6705	34.254	6.308	34.372	6.278	0.34%	-0.47%	± 5%	
6785	34.158	6.401	34.276	6.364	0.35%	-0.57%	± 5%	
6905	34.014	6.540	34.132	6.493	0.35%	-0.72%	± 5%	
6985	33.918	6.633	34.036	6.580	0.35%	-0.79%	± 5%	May. 26, 2024
7000	33.900	6.650	34.018	6.596	0.35%	-0.81%	± 5%	

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 t (886-2) 2299-3279 f (886-2) 2298-0488



Page: 17 of 92

The composition of the tissue simulating liquid:

Simulating Liquids for 600 MHz -10 GHz. Manufactured by SPEAG:

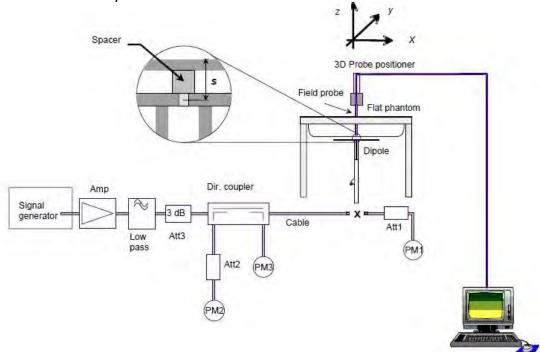
Broad-band head	SPEAG Product	Frequency range (MHz)	Main Ingredients
tissue simulating liquids	HBBL600- 10000V6	600 - 10000	Water, Oil

3.5 System check

The microwave circuit arrangement for system check is sketched in below. The daily system accuracy verification occurs within the flat section of the SAM phantom and ELI phantom. A SAR measurement was performed to see if the measured SAR was within +/- 10% from the target

The tests were conducted on the same days as the measurement of the DUT. The obtained results from the system accuracy verification are displayed with SAR values normalized to 1W forward power delivered to the dipole.

During the tests, the liquid depth from the center of the flat phantom to the liquid top surface was 15 cm above in all the cases. It is seen that the system is operating within its specification, as the results are within acceptable tolerance of the reference values.



The block diagram of system check

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law

台灣檢驗科技股份有限公司



Page: 18 of 92

3.6 System check results

Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=250mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D2450V2	728	2450	53.4	13.9	55.6	4.12	± 10%	May.21,2024
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=100mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D5GHzV2	1023	5250	78.8	7.73	77.3	-1.90	± 10%	May.22,2024
D5GHzV2	1023	5600	81.3	8.33	83.3	2.46	± 10%	May.23,2024
D5GHzV2	1023	5750	78	8.33	83.3	6.79	± 10%	May.23,2024
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=100mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D6.5GHzV2	1006	6500	296	29.1	291	-1.69	± 10%	May.25,2024
D7GHzV2	1007	7000	281	26.4	264	-6.05	± 10%	May.26,2024

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有铅明,此数些结甲磺胺别对关键具色素,同既此类具属是例如于。大数型生产概太从司隶而统可,不可如必遏制。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd. No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

www.sgs.com.tw



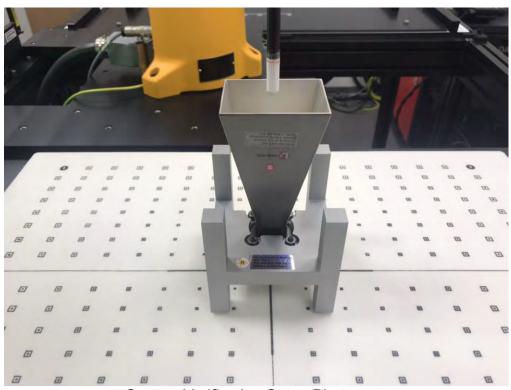
Page: 19 of 92

4 PD SYSTEM VERIFICATION

4.1 System check

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.



System Verification Setup Photo

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有铅明,此報华结甲攝影測建立幾只有著,同時世幾只攝展例の主。大報华主標太公司書面對可,不可可以複劃。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

S Taiwan Ltd. _| No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司



Page: 20 of 92

4.2 System check 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 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.

					, i				
Frequency (MHz)	PD Verification Source (MHz)	Probe S/N	DAE S/N	Distance (mm)	Prad (mW)	Measured 4cm^2 (W/m^2)	Target 4cm^2 (W/m^2)	Deviation (dB)	Date
10000	10000	9399	1719	10	93.3	51	56.4	-0.44	May.27,2024

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有铅明,此報华结甲攝影測建立幾只有著,同時世幾只攝展例の主。大報华主標太公司書面對可,不可可以複劃。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

JOS Talwari Etd.



Page: 21 of 92

TEST CONFIGURATIONS

5.1 **Test Environment**

Ambient Temperature: 22±2° C Tissue Simulating Liquid: 22±2° C

5.2 **Test Note**

- General: Measurements are performed respectively on the lowest, middle and highest channels of the operating band(s).
- General: The EUT is set to maximum power level during all tests, and at the beginning of each test the battery is fully charged.
- General: During the SAR testing, the DASY system checks power drift by comparing the e-field strength of one specific location measured at the beginning with that measured at the end of the SAR testing.
- **General:** According to KDB447498D01v06, testing of other required channels is not required when the reported 1-g SAR for the highest output channel is ≤ 0.8 W/kg, when the transmission band is ≤ 100 MHz.
- General: According to KDB865664D01v01r04, SAR measurement variability must be assessed for each frequency band. When the original highest measured SAR is ≥ 0.8 W/kg, repeated that measurement once. Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).
- WLAN 2.4GHz: 802.11b DSSS SAR Test Requirements: SAR is measured for 2.4 GHz 802.11b DSSS mode using the highest measured maximum output power channel, when the reported SAR of the highest measured maximum output power channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration. When the reported SAR is > 0.8 W/kg, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is > 1.2 W/kg, SAR is required for the third channel; i.e., all channels require testing.
- WLAN 2.4GHz: 802.11g/n OFDM SAR Test Exclusion Requirements: SAR is not required for 802.11g/n since the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.
- WLAN 5GHz: Initial Test Configuration: An initial test configuration is determined for OFDM transmission modes according to the channel bandwidth, modulation and data rate combination(s) with the highest maximum output power specified for production units in each standalone and aggregated frequency band. SAR is measured using the highest measured maximum output power channel. When the reported SAR of the initial test configuration is > 0.8 W/kg, SAR measurement is required for the subsequent next highest measured output power channel(s) in the initial test configuration until the reported SAR is ≤ 1.2 W/kg or all required channels are tested. Since the highest reported SAR for the initial test configuration is adjusted by the ratio of the subsequent test configuration to initial test configuration

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 22 of 92

specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for subsequent test configuration.

- WLAN 5GHz: Based on FCC guidance, general principles of KDB248227D01 can be applied to 802.11ax to determine initial test configuration with 802.11ax being considered as the highest 802.11 mode for the appropriate frequency band.
- WLAN 6GHz: Per October 2020 & April 2021 TCB Workshop Interim procedures and FCC guidance, 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. WIFI 6E SAR is measured by using 6-7GHz parameters per IEC/IEEE62209- 1528:2020 and report also estimated absorbed PD (for reference purposes only, not specifically for compliance). For the highest SAR test configurations also measure incident PD (total) using mmW near-field probe and total-field/power-density reconstruction method.
- WLAN 6GHz: Per equipment manufacturer guidance, power density was measured at d=2mm with the grid step (0.0625λ) for determining compliance at d=2mm.
- WLAN 6GHz: According to October 2020 TCB Workshop Interim procedures, power density results were scaled according to IEC 62479:2010 for the portion of the measurement uncertainty > 30%. Total expanded uncertainty of 2.67 dB (85%) was used to determine the psPD measurement scaling factor.
- WLAN 6GHz: Per FCC guidance, for simultaneous transmission evaluation, using SAR sum and SPLSR for simultaneous transmit exclusion analyses and evaluations.

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

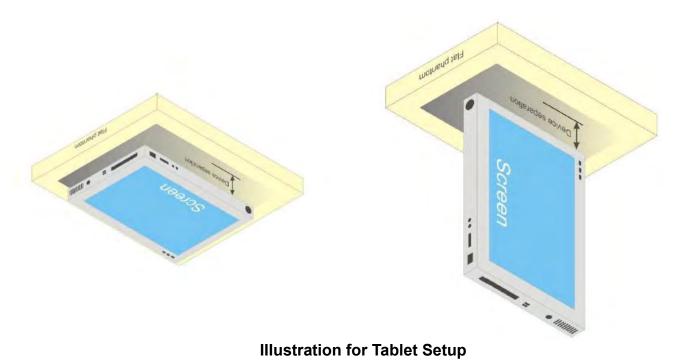


Page: 23 of 92

Test position

Tablet mode SAR test position (0mm)

For full-size tablet, according to KDB 616217 D04, SAR evaluation is required for back surface and edges of the devices. The back surface and edges of the tablet are tested with the tablet touching the phantom. Exposures from antennas through the front surface of the display section of a tablet are generally limited to the user's hands. Exposures to hands for typical consumer transmitters used in tablets are not expected to exceed the extremity SAR limit; therefore, SAR evaluation for the front surface of tablet display screens are generally not necessary. When voice mode is supported on a tablet and it is limited to speaker mode or headset operations only, additional SAR testing for this type of voice use is not required.



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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law



Page: 24 of 92

§ 2.1093(d)(1)

Applications for equipment authorization of portable RF sources subject to routine environmental evaluation must contain a statement confirming compliance with the limits specified in § 1.1310 as part of their application. Technical information showing the basis for this statement must be submitted to the Commission upon request. The SAR limits specified in § 1.1310(a) through (c) of this chapter shall be used for evaluation of portable devices transmitting in the frequency range from 100 kHz to 6 GHz. Portable devices that transmit at frequencies above 6 GHz shall be evaluated in terms of the MPE limits specified in Table 1 to § 1.1310(e)(1). A minimum separation distance applicable to the operating configurations and exposure conditions of the device shall be used for the evaluation. In general, maximum time-averaged power levels must be used for evaluation. All unlicensed personal communications service (PCS) devices and unlicensed NII devices shall be subject to the limits for general population/uncontrolled exposure. Radiofrequency radiation exposure limits.

§ 1.1310(a)

Specific absorption rate (SAR) shall be used to evaluate the environmental impact of human exposure to radiofrequency (RF) radiation as specified in § 1.1307(b) within the frequency range of 100 kHz to 6 GHz (inclusive).

§ 1.1310(b)

The SAR limits for occupational/controlled exposure are 0.4 W/kg, as averaged over the whole body, and a peak spatial-average SAR of 8 W/kg, averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the parts of the human body treated as extremities, such as hands, wrists, feet, ankles, and pinnae, where the peak spatial-average SAR limit for occupational/controlled exposure is 20 W/kg, averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube). Exposure may be averaged over a time period not to exceed 6 minutes to determine compliance with occupational/controlled SAR limits. § 1.1310(c)

The SAR limits for general population/uncontrolled exposure are 0.08 W/kg, as averaged over the whole body, and a peak spatial-average SAR of 1.6 W/kg, averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the parts of the human body treated as extremities, such as hands, wrists, feet, ankles, and pinnae, where the peak spatial-average SAR limit is 4 W/kg, averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube). Exposure may be averaged over a time period not to exceed 30 minutes to determine compliance with general population/uncontrolled SAR limits.

Note to paragraphs (a) through (c):

SAR is a measure of the rate of energy absorption due to exposure to RF electromagnetic energy. These SAR limits to be used for evaluation are based generally on criteria published by the American National Standards Institute (ANSI) for localized SAR in Section 4.2 of "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz," ANSI/IEEE Std C95.1-1992, copyright 1992 by the Institute of Electrical and Electronics Engineers, Inc., New York, New York 10017. These criteria for SAR evaluation are similar to those recommended by the National Council on Radiation Protection and Measurements (NCRP) in "Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields," NCRP Report No. 86, Section 17.4.5, copyright 1986 by NCRP, Bethesda, Maryland 20814. Limits for whole body SAR and peak spatial-average SAR are based

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有铅明,此想华红用魔影测验之缘具色素,同时此缘只属是2000子。太想华土领太公司事面纯可,不可如以推测。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司



Page: 25 of 92

on recommendations made in both of these documents. The MPE limits in Table 1 are based generally on criteria published by the NCRP in "Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields," NCRP Report No. 86, Sections 17.4.1, 17.4.1.1, 17.4.2 and 17.4.3, copyright 1986 by NCRP, Bethesda, Maryland 20814. In the frequency range from 100 MHz to 1500 MHz, these MPE exposure limits for field strength and power density are also generally based on criteria recommended by the ANSI in Section 4.1 of "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz," ANSI/IEEE Std C95.1-1992, copyright 1992 by the Institute of Electrical and Electronics Engineers, Inc., New York, New York 10017.

Portable devices that transmit at frequencies above 6 GHz shall be evaluated in terms of the MPE limits specified in Table 1 to § 1.1310(e)(1).

According to ANSI/IEEE C95.1-1992, the criteria listed in the following Table shall be used to evaluate the environmental impact of human exposure to radio frequency (RF) radiation as specified in §1.1310.

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

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 26 of 92

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
	(i) Limits for Oc	cupational/Controlled Ex	posure	
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
	(ii) Limits for Genera	l Population/Uncontrolle	d 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

f = frequency in MHz. * = Plane-wave equivalent power density. Table 1 to § 1.1310(e)(1) - Limits for Maximum Permissible Exposure (MPE)

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format

documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 27 of 92

MAXIMUM OUTPUT POWER

6.1 **WLAN**

			Main			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		1 6	2412 2437		19.50 19.50	18.26 18.17
	802.11b	11	2462	1Mbps	19.50	18.15
		12	2467	† '	15.75	15.62
		13	2472		15.75	15.61
		1	2412		19.50	18.10
		6	2437		19.50	18.00
	802.11g	11	2462	6Mbps	19.50	17.96
		12	2467		17.50	17.42
		13	2472		13.75	13.73
		1	2412	_[19.25	17.76
		6	2437	<u> </u>	19.50	18.02
	802.11n20-HT0	11	2462	MCS0	16.50	15.12
		12	2467		14.50	14.38
		13	2472		10.50	10.43
		1	2412	1	19.25	17.88
		6	2437		19.50	17.90
	802.11ac20-VHT0	11	2462	MCS0	16.50	14.96
		12	2467	4	14.50	14.42
		13	2472		10.50	10.45
		1	2412	4	19.25	17.93
	000 44 00 1150	6	2437	Mooo	19.50	18.12
	802.11ax20-HE0	11	2462	MCS0	16.50	14.96
		12	2467	4	14.50	14.35
2.45GHz		13	2472 2412		10.50 19.25	10.37 17.95
		6	2412	┨	19.50	17.95
	802.11be20-EHT0	11	2462	MCS0	16.50	15.11
	802.11be20-L1110	12	2467	IVICSU	14.50	14.41
		13	2407	1	10.50	10.36
		3	2422		16.25	14.90
		6	2437	┪	17.50	15.94
	802.11n40-HT0	9	2452	MCS0	15.75	14.29
	002.111101110	10	2457	"""	13.25	13.20
		11	2462	1	8.00	7.95
		3	2422		16.25	14.84
		6	2437	1	17.50	16.16
	802.11ac40-VHT0	9	2452	MCS0	15.75	14.20
		10	2457		13.25	13.25
		11	2462	1	8.00	7.97
		3	2422		16.25	14.89
		6	2437	1	17.50	16.12
	802.11ax40-HE0	9	2452	MCS0	15.75	14.27
		10	2457	1	13.25	13.25
		11	2462]	8.00	7.97
		3	2422		16.25	14.91
		6	2437]	17.50	16.14
	802.11be40-EHT0	9	2452	MCS0	15.75	14.28
		10	2457	_[13.25	13.24
		11	2462		8.00	7.95

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 28 of 92

			Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
		1	2412		19.50	18.28
		6	2437		19.50	18.34
	802.11b	11	2462	1Mbps	19.50	18.44
		12	2467		15.75	15.67
		13	2472		15.75	15.60
		1	2412	1	19.50	18.16
		6	2437		19.50	17.98
	802.11g	11	2462	6Mbps	19.50	18.04
		12	2467	-	17.50	17.45
		13	2472		13.75	13.71
		1	2412	4	19.25	17.79
	802.11n20-HT0	6	2437	MCS0	19.50 16.50	18.16
	002.111120 - 1110	11 12	2462 2467	IVICSU	14.50	15.05 14.43
		13		-		
		13	2472 2412		10.50 19.25	10.44 17.77
		6	2412	1	19.50	18.07
	802.11ac20-VHT0	11	2462	MCS0	16.50	15.11
	002.11ac20-V1110	12	2467	IVICOU	14.50	14.47
		13	2472	-	10.50	10.41
		1	2412		19.25	17.74
		6	2437	1	19.50	18.01
	802.11ax20-HE0	11	2462	MCS0	16.50	15.04
	002.1103.201.20	12	2467		14.50	14.38
		13	2472	1	10.50	10.39
2.45GHz		1	2412		19.25	17.81
		6	2437	1	19.50	17.95
	802.11be20-EHT0	11	2462	MCS0	16.50	15.17
		12	2467	1	14.50	14.43
		13	2472		10.50	10.38
		3	2422		16.25	14.79
		6	2437		17.50	16.15
	802.11n40-HT0	9	2452	MCS0	15.75	14.36
		10	2457]	13.25	13.19
		11	2462		8.00	7.89
		3	2422		16.25	14.69
	000 44 - 40 \ # !T0	6	2437	Moss	17.50	16.17
	802.11ac40-VHT0	9	2452	MCS0	15.75	14.30
		10	2457		13.25	13.25
		11	2462		8.00	7.89
		3	2422	1	16.25	14.78
	802.11ax40-HE0	6	2437	MCS0	17.50 15.75	16.09
	002.11dX40-MEU	9 10	2452 2457	IVICOU	15.75 13.25	14.33 13.25
		11	2457	1	8.00	7.94
		3	2402	 	16.25	14.82
		6	2422	1	17.50	16.02
	802.11be40-EHT0	9	2452	MCS0	15.75	14.43
	33233 13 2.1110	10	2457	1	13.25	13.22
		11	2462	1	8.00	7.92

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 29 of 92

			Main			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Main Average power (dBm)
		36	5180		17.00	16.35
	802.11a	40	5200	GN //low-s	17.00	16.55
		44	5220	6Mbps	17.00	16.40
		48	5240		17.00	16.48
		36	5180		17.00	16.50
	000 44 00 150	40	5200	14000	17.00	16.56
	802.11n20-HT0	44	5220	MCS0	17.00	16.45
		48	5240	1	17.00	16.37
		36	5180		17.00	16.46
	000 44 00 14 170	40	5200		17.00	16.59
	802.11ac20-VHT0	44	5220	MCS0	17.00	16.57
		48	5240	1	17.00	16.60
		36	5180		17.00	16.35
		40	5200		17.00	16.35
	802.11ax20-HE0	44	5220	MCS0	17.00	16.58
		48	5240	1	17.00	16.47
		36	5180		17.00	16.53
5.15-5.25 GHz		40	5200		17.00	16.55
	802.11be20-EHT0	44	5220	MCS0	17.00	16.45
		48	5240	1	17.00	16.46
		38	5190		16.50	16.47
	802.11n40-HT0	46	5230	MCS0	17.00	16.62
		38	5190		16.50	16.39
	802.11ac40-VHT0	46	5230	MCS0	17.00	16.56
		38	5190		16.50	16.35
	802.11ax40-HE0	46	5230	MCS0	17.00	16.34
		38	5190		16.50	16.33
	802.11be40-EHT0	46	5230	MCS0	17.00	16.30
	802.11ac80-VHT0	42	5210	MCS0	16.00	15.83
	802.11ax80-HE0	42	5210	MCS0	16.00	15.98
	802.11be80-EHT0	42	5210	MCS0	16.00	15.87
	802.11ac160-VHT0	50	5250	MCS0	13.75	13.24
	802.11ax160-HE0	50	5250	MCS0	13.75	13.07
	802.11be160-EHT0	50	5250	MCS0	13.75	13.34

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 30 of 92

			<u>Main</u>			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Main Average power (dBm)
		52	5260		17.00	16.54
	000.44	56	5280	1 014	17.00	16.41
	802.11a	60	5300	6Mbps	17.00	16.43
		64	5320	1	17.00	16.36
		52	5260		17.00	16.57
	902 11p20 UT0	56	5280	Moco	17.00	16.54
	802.11n20-HT0	60	5300	MCS0	17.00	16.43
		64	5320	1	17.00	16.35
		52	5260		17.00	16.34
	802.11ac20-VHT0	56	5280	Moco	17.00	16.35
		60	5300	MCS0	17.00	16.46
		64	5320	1	17.00	16.38
		52	5260		17.00	16.53
	000 4400 UE0	56	5280	MCS0	17.00	16.52
	802.11ax20-HE0	60	5300		17.00	16.57
5.25-5.35 GHz		64	5320] [17.00	16.58
		52	5260		17.00	16.37
	802.11be20-EHT0	56	5280	MCS0	17.00	16.38
	002.11be20-En10	60	5300	IVICSU	17.00	16.36
		64	5320]	17.00	16.33
	802.11n40-HT0	54	5270	MCS0	17.00	16.80
	002.111140-1110	62	5310	IVICSU	15.50	15.45
	802.11ac40-VHT0	54	5270	MCS0	17.00	16.42
	002.11aC40-VH10	62	5310	IVICSU	17.00	16.37
	802.11ax40-HE0	54	5270	MCS0	17.00	16.46
	002.118X4U-PEU	62	5310	IVICSU	17.00	16.57
	802.11be40-EHT0	54	5270	MCS0	17.00	16.47
	002.11D C4 U-EП1U	62	5310	IVICSU	17.00	16.46
	802.11ac80-VHT0	58	5290	MCS0	15.75	15.22
	802.11ax80-HE0	58	5290	MCS0	15.75	15.27
	802.11be80-EHT0	58	5290	MCS0	15.75	15.12

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 31 of 92

			Main			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Main Average power (dBm)
		100	5500		14.50	14.14
	000.44	120	5600	0.4	14.50	14.19
	802.11a	140	5700	6Mbps	14.50	14.07
		144	5720	1	14.50	14.21
		100	5500		14.50	14.23
	000 44-00 UT0	120	5600	1	14.50	14.14
	802.11n20-HT0	140	5700	MCS0	14.50	14.13
		144	5720		14.50	14.16
		100	5500		14.50	14.02
	000 44 00 \ // ITO	120	5600	MOCO	14.50	14.05
	802.11ac20-VHT0	140	5700	MCS0	14.50	14.02
		144	5720	1 l	14.50	14.02
		100	5500		14.50	14.17
	000 44 00 1150	120	5600	1	14.50	14.27
	802.11ax20-HE0	140	5700	MCS0	14.50	14.16
		144	5720	1	14.50	14.14
		100	5500		14.50	14.02
		120	5600	1	14.50	14.19
	802.11be20-EHT0	140	5700	MCS0	14.50	14.25
		144	5720	1	14.50	14.14
		102	5510		14.50	14.24
	000 44 40 1570	118	5590] MCSO	14.50	14.03
	802.11n40-HT0	134	5670	MCS0	14.50	14.16
		142	5710	†	14.50	14.22
5.6GHz		102	5510		14.50	14.08
		118	5590	1	14.50	14.22
	802.11ac40-VHT0	134	5670	MCS0	14.50	14.07
		142	5710	†	14.50	14.27
		102	5510		14.50	14.13
		118	5590	†	14.50	14.03
	802.11ax40-HE0	134	5670	MCS0	14.50	14.17
		142	5710	†	14.50	14.02
		102	5510		14.50	14.29
		118	5590	†	14.50	14.19
	802.11be40-EHT0	134	5670	MCS0	14.50	14.06
		142	5710	1	14.50	14.19
		106	5530		14.50	14.46
	802.11ac80-VHT0	122	5610	MCS0	14.50	14.48
		138	5690	† ···· -	14.50	14.41
		106	5530	†	14.50	14.01
	802.11ax80-HE0	122	5610	MCS0	14.50	14.17
	332	138	5690	†555	14.50	14.12
		106	5530	+	14.50	14.12
	802.11be80-EHT0	122	5610	MCS0	14.50	14.04
	302.113000 E1110	138	5690	"""	14.50	14.20
	802.11ac160-VHT0	114	5570	MCS0	14.25	13.92
	802.11ax160-HE0	114	5570	MCS0	14.25	13.85
	802.11be160-EHT0	114	5570	MCS0	14.25	13.78

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 32 of 92

	1					
			<u>Main</u>			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Main Average power (dBm)
		149	5745		14.50	14.19
	802.11a	157	5785	6Mbps	14.50	14.28
		165	5825		14.50	14.22
		149	5745		14.50	14.15
	802.11n20-HT0	157	5785	MCS0	14.50	14.07
		165	5825	1	14.50	14.06
		149	5745		14.50	14.18
	802.11ac20-VHT0	157	5785	MCS0	14.50	14.18
		165	5825	1	14.50	14.21
		149	5745		14.50	14.09
	802.11ax20-HE0	157	5785	MCS0	14.50	14.18
		165	5825		14.50	14.15
5.8GHz		149	5745		14.50	14.16
J.OGHZ	802.11be20-EHT0	157	5785	MCS0	14.50	14.06
		165	5825		14.50	14.03
	802.11n40-HT0	151	5755	MCS0	14.50	14.20
	802.111140-H10	159	5795	IVICSU	14.50	14.10
	802.11ac40-VHT0	151	5755	MCS0	14.50	14.12
	802.11aC40-VH10	159	5795	IVICSU	14.50	14.24
	802.11ax40-HE0	151	5755	MCS0	14.50	14.11
	002.11αλ 4 υ-ΠΕυ	159	5795	IVICOU	14.50	14.20
	802.11be40-EHT0	151	5755	MCS0	14.50	14.24
	002.11DE40-ENTU	159	5795	IVICOU	14.50	14.27
	802.11ac80-VHT0	155	5775	MCS0	14.50	14.41
	802.11ax80-HE0	155	5775	MCS0	14.50	14.23
	802.11be80-EHT0	155	5775	MCS0	14.50	14.15

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

t (886-2) 2299-3279



Page: 33 of 92

			Main			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Main Average power (dBm)
		169	5845		14.50	13.94
	802.11a	173	5865	6Mbps	14.50	14.00
		177	5885	1 1	14.50	13.96
		169	5845		14.50	14.10
	802.11n20-HT0	173	5865	MCS0	14.50	14.19
		177	5885]	14.50	14.14
		169	5845		14.50	13.97
	802.11ac20-VHT0	173	5865	MCS0	14.50	13.98
		177	5885	1	14.50	14.16
		169	5845		14.50	14.08
	802.11ax20-HE0	173	5865	MCS0	14.50	14.07
		177	5885	1	14.50	13.90
		169	5845		14.50	14.11
	802.11be20-EHT0	173	5865	MCS0	14.50	14.10
5.9GHz		177	5885	1	14.50	14.16
	000 44 40 150	167	5835	14000	14.50	14.04
	802.11n40-HT0	175	5875	MCS0	14.50	14.05
	000 44 40 1/1/170	167	5835	14000	14.50	14.05
	802.11ac40-VHT0	175	5875	MCS0	14.50	14.09
	000 44 40 1150	167	5835	14000	14.50	14.17
	802.11ax40-HE0	175	5875	MCS0	14.50	13.94
	200 441 40 51 52	167	5835	14000	14.50	13.95
	802.11be40-EHT0	175	5875	MCS0	14.50	14.04
	802.11ac80-VHT0	171	5855	MCS0	14.50	14.21
	802.11ax80-HE0	171	5855	MCS0	14.50	14.04
	802.11be80-EHT0	171	5855	MCS0	14.50	14.19
	802.11ac160-VHT0	163	5815	MCS0	13.50	13.02
	802.11ax160-HE0	163	5815	MCS0	13.50	13.16
	802.11be160-EHT0	163	5815	MCS0	13.50	12.91

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

t (886-2) 2299-3279



Page: 34 of 92

			Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Aux Average power (dBm)
	802.11a	36	5180		17.00	15.27
		40	5200	6Mbps	17.00	15.27
		44	5220		17.00	15.18
		48	5240		17.00	15.01
		36	5180		17.00	15.00
	000 44=00 LITO	40	5200	Moso	17.00	15.04
	802.11n20-HT0	44	5220	MCS0	17.00	15.14
		48	5240		17.00	15.02
		36	5180		17.00	15.16
	802.11ac20-VHT0	40	5200	Moss	17.00	15.02
		44	5220	MCS0	17.00	15.02
		48	5240	1	17.00	15.04
	802.11ax20-HE0	36	5180	MCS0	17.00	15.17
		40	5200		17.00	15.18
		44	5220		17.00	15.02
		48	5240		17.00	15.25
5 45 5 05 OLL		36	5180	MCS0	17.00	15.21
5.15-5.25 GHz	802.11be20-EHT0	40	5200		17.00	15.13
		44	5220		17.00	15.08
		48	5240		17.00	15.06
	802.11n40-HT0	38	5190	MCS0	17.00	15.38
		46	5230		17.00	15.32
	802.11ac40-VHT0	38	5190	MCS0	17.00	15.23
		46	5230		17.00	15.05
	802.11ax40-HE0	38	5190	MCS0	17.00	15.14
		46	5230		17.00	15.17
	802.11be40-EHT0	38	5190	MCS0	17.00	15.26
		46	5230		17.00	15.02
	802.11ac80-VHT0	42	5210	MCS0	16.50	14.51
	802.11ax80-HE0	42	5210	MCS0	16.50	14.72
	802.11be80-EHT0	42	5210	MCS0	16.50	14.51
	802.11ac160-VHT0	50	5250	MCS0	13.75	11.84
	802.11ax160-HE0	50	5250	MCS0	13.75	11.88
	802.11be160-EHT0	50	5250	MCS0	13.75	11.86

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 35 of 92

		1	Aux	1		
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Aux Average power (dBm)
	802.11a	52	5260	6Mbps	17.00	15.13
		56	5280		17.00	15.29
		60	5300		17.00	15.15
		64	5320		17.00	15.23
	20011 2011	52	5260	14000	17.00	15.26
		56	5280		17.00	15.23
	802.11n20-HT0	60	5300	MCS0	17.00	15.09
		64	5320	1	17.00	15.19
		52	5260		17.00	15.07
	802.11ac20-VHT0	56	5280	MCS0	17.00	15.07
		60	5300		17.00	15.25
		64	5320		17.00	15.08
	802.11ax20-HE0	52	5260	MCS0	17.00	15.28
		56	5280		17.00	15.04
		60	5300		17.00	15.25
5.25-5.35 GHz		64	5320		17.00	15.28
	802.11be20-EHT0	52	5260	MCS0	17.00	15.22
		56	5280		17.00	15.27
		60	5300		17.00	15.15
		64	5320		17.00	15.28
	802.11n40-HT0	54	5270	MCS0	17.00	15.37
		62	5310		17.00	13.92
	802.11ac40-VHT0	54	5270	MCS0	17.00	15.25
		62	5310		17.00	15.15
	802.11ax40-HE0	54	5270	MCS0	17.00	15.15
		62	5310		17.00	15.01
	802.11be40-EHT0	54	5270	MCS0	17.00	15.10
		62	5310		17.00	15.03
	802.11ac80-VHT0	58	5290	MCS0	15.75	14.02
	802.11ax80-HE0	58	5290	MCS0	15.75	14.00
	802.11be80-EHT0	58	5290	MCS0	15.75	14.04

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 t (886-2) 2299-3279 f (886-2) 2298-0488



Page: 36 of 92

			Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Aux Average power (dBm)
		100	5500		14.50	12.62
		120	5600	6Mbps	14.50	12.56
	802.11a	140	5700		14.50	12.55
		144	5720		14.50	12.54
		100	5500	MCS0	14.50	12.70
	000 44 00 45	120	5600		14.50	12.57
	802.11n20-HT0	140	5700		14.50	12.76
		144	5720		14.50	12.52
		100	5500		14.50	12.67
	000 44 00 14 170	120	5600		14.50	12.67
	802.11ac20-VHT0	140	5700	MCS0	14.50	12.58
		144	5720	1	14.50	12.53
		100	5500		14.50	12.51
	20244 2245	120	5600		14.50	12.51
	802.11ax20-HE0	140	5700	MCS0	14.50	12.54
		144	5720		14.50	12.54
		100	5500	MCS0	14.50	12.55
		120	5600		14.50	12.73
	802.11be20-EHT0	140	5700		14.50	12.75
		144	5720		14.50	12.71
		102	5510	MCS0	14.50	12.73
		118	5590		14.50	12.57
	802.11n40-HT0	134	5670		14.50	12.78
		142	5710		14.50	12.57
5.6GHz		102	5510	MCS0	14.50	12.57
		118	5590		14.50	12.75
	802.11ac40-VHT0	134	5670		14.50	12.69
		142	5710		14.50	12.75
	802.11ax40-HE0	102	5510	MCS0	14.50	12.64
		118	5590		14.50	12.74
		134	5670		14.50	12.78
		142	5710		14.50	12.51
	802.11be40-EHT0	102	5510	MCS0	14.50	12.57
		118	5590		14.50	12.70
		134	5670		14.50	12.57
		142	5710		14.50	12.76
		106	5530	MCS0	14.50	12.95
	802.11ac80-VHT0	122	5610		14.50	12.87
		138	5690		14.50	12.85
		106	5530	MCS0	14.50	12.65
	802.11ax80-HE0	122	5610		14.50	12.62
	002.110A00-11E0	138	5690		14.50	12.64
	802.11be80-EHT0	106	5530	MCS0	14.50	12.77
		122	5610		14.50	12.77
		138	5690		14.50	12.75
	802.11ac160-VHT0	114	5570	MCS0	14.25	12.73
	802.11ax160-HE0	114	5570	MCS0	14.25	12.41
	802.11be160-EHT0	114	5570	MCS0	14.25	12.41

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 t (886-2) 2299-3279 f (886-2) 2298-0488



Page: 37 of 92

			Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Aux Average power (dBm)
		149	5745		14.50	12.64
	802.11a	157	5785	6Mbps	14.50	12.56
		165	5825]	14.50	12.67
		149	5745		14.50	12.72
	802.11n20-HT0	157	5785	MCS0	14.50	12.62
		165	5825		14.50	12.57
		149	5745		14.50	12.69
	802.11ac20-VHT0	157	5785	MCS0	14.50	12.68
		165	5825]	14.50	12.59
		149	5745		14.50	12.61
	802.11ax20-HE0	157	5785	MCS0	14.50	12.54
		165	5825]	14.50	12.63
5.8GHz		149	5745		14.50	12.68
3.0GHZ	802.11be20-EHT0	157	5785	MCS0	14.50	12.56
		165	5825		14.50	12.56
	802.11n40-HT0	151	5755	MCS0	14.50	12.80
	802.111140-H10	159	5795	IVICSU	14.50	12.69
	802.11ac40-VHT0	151	5755	MCS0	14.50	12.67
	802.11aC40-VH10	159	5795	IVICSU	14.50	12.68
	802.11ax40-HE0	151	5755	MCS0	14.50	12.64
	002.11ax40-⊓EU	159	5795	IVICOU	14.50	12.80
	802.11be40-EHT0	151	5755	MCS0	14.50	12.79
	002.11DE40-EITTU	159	5795	IVICOU	14.50	12.55
	802.11ac80-VHT0	155	5775	MCS0	14.50	12.84
	802.11ax80-HE0	155	5775	MCS0	14.50	12.54
	802.11be80-EHT0	155	5775	MCS0	14.50	12.50

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 38 of 92

			Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Aux Average power (dBm)
		169	5845		14.50	12.78
	802.11a	173	5865	6Mbps	14.50	12.78
		177	5885]	14.50	12.77
		169	5845		14.50	12.71
	802.11n20-HT0	173	5865	MCS0	14.50	12.54
		177	5885]	14.50	12.58
		169	5845		14.50	12.71
	802.11ac20-VHT0	173	5865	MCS0	14.50	12.73
		177	5885		14.50	12.63
		169	5845		14.50	12.65
	802.11ax20-HE0	173	5865	MCS0	14.50	12.61
		177	5885		14.50	12.76
	802.11be20-EHT0	169	5845	MCS0	14.50	12.77
		173	5865		14.50	12.53
5.9GHz		177	5885		14.50	12.50
	802.11n40-HT0	167	5835	MCS0	14.50	12.66
	002.111140-1110	175	5875	IVICOU	14.50	12.70
	802.11ac40-VHT0	167	5835	MCS0	14.50	12.63
	002.11ac40-V1110	175	5875	IVICOU	14.50	12.53
	802.11ax40-HE0	167	5835	MCS0	14.50	12.58
	002.11ax40-⊓E0	175	5875	IVICSU	14.50	12.75
	802.11be40-EHT0	167	5835	MCS0	14.50	12.73
	002.11be40-⊑⊓10	175	5875	IVICSU	14.50	12.58
	802.11ac80-VHT0	171	5855	MCS0	14.50	12.85
	802.11ax80-HE0	171	5855	MCS0	14.50	12.57
	802.11be80-EHT0	171	5855	MCS0	14.50	12.59
	802.11ac160-VHT0	163	5815	MCS0	13.50	11.72
	802.11ax160-HE0	163	5815	MCS0	13.50	11.60
	802.11be160-EHT0	163	5815	MCS0	13.50	11.61

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 t (886-2) 2299-3279 f (886-2) 2298-0488



Page: 39 of 92

WLAN 6GHz

MIMO						
			Main			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Main Average power (dBm)
		1	5955		13.50	13.09
	802.11a	45	6175	6Mbps	13.50	13.15
		93	6415	1	13.50	13.08
		1	5955		13.50	13.17
	802.11ax20-HE0	45	6175	MCS0	13.50	13.19
		93	6415] [13.50	13.19
	802.11be20-EHT0	1	5955		13.50	13.09
		45	6175	MCS0	13.50	13.15
		93	6415		13.50	13.14
		3	5965		13.50	13.12
	802.11ax40-HE0	43	6165	MCS0	13.50	13.05
		91	6405		13.50	13.19
		3	5965		13.50	13.06
U-NII-5	802.11be40-EHT0	43	6165	MCS0	13.50	13.14
6.2GHz		91	6405		13.50	13.05
0.26112		7	5985		13.50	13.11
	802.11ax80-HE0	39	6145	MCS0	13.50	13.11
		87	6385		13.50	13.10
		7	5985		13.50	13.02
	802.11be80-EHT0	39	6145	MCS0	13.50	13.00
		87	6385		13.50	13.01
		15	6025		13.50	13.15
	802.11ax160-HE0	47	6185	MCS0	13.50	13.05
		79	6345		13.50	13.18
		15	6025	_	13.50	13.06
	802.11be160-EHT0	47	6185	MCS0	13.50	13.03
		79	6345		13.50	13.14
	802.11be320-EHT0	31	6105	MCS0	13.50	13.23
	JUZ. I IDGUZU-LI II U	63	6265	IVICOU	13.50	13.30

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 40 of 92

			Main			
Band	nd Mode		Channel Frequency Data F		Max. Rated Avg. Power + Max. Tolerance (dBm)	Main Average power (dBm)
		97	6435		0.00	-0.23
	802.11a	105	6475	6Mbps	0.00	-0.31
		113	6515		0.00	-0.33
	802.11ax20-HE0	97	6435		3.75	2.94
		105	6475	MCS0	3.75	3.05
		113	6515		3.75	3.02
		97	6435		3.75	2.90
	802.11be20-EHT0	105	6475	MCS0	3.75	3.03
		113	6515		3.75	2.88
U-NII-6	802.11ax40-HE0	99	6445	MCS0	6.25	5.47
6.5GHz	802.118X40-PE0	107	6485		6.25	5.46
	000 11ho 10 FUTO	99	6445	MCCO	6.25	5.53
	802.11be40-EHT0	107	6485	MCS0	6.25	5.36
	000 11av00 UE0	103	6465	MCCO	9.50	8.72
	802.11ax80-HE0	119	6545	MCS0	9.00	8.11
	000 11ha00 FUTO	103	6465	MCCO	9.50	8.67
	802.11be80-EHT0	119	6545	MCS0	9.00	8.18
	802.11ax160-HE0	111	6505	MCS0	13.00	12.28
	802.11be160-EHT0	111	6505	MCS0	13.00	12.18
	802.11be320-EHT0	95	6425	MCS0	14.00	13.56

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有铅明,此数华结甲属影测过之样只有含,同时此样只属是例如于。大规华主领大风司事而连可,不可如以推测。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

台灣檢驗科技股份有限公司



Page: 41 of 92

			Main			
			IVIAII I			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Main Average power (dBm)
		117	6535		13.00	12.41
	802.11a	149	6695	6Mbps	13.00	12.60
		181	6855	1	14.00	13.13
		117	6535		13.00	12.33
	802.11ax20-HE0	149	6695	MCS0	13.00	12.69
		181	6855] [14.00	13.09
	802.11be20-EHT0	117	6535		13.00	12.42
		149	6695	MCS0	13.00	12.65
		181	6855] [14.00	13.13
		115	6525		6.25	5.65
	802.11ax40-HE0	147	6685	MCS0	13.00	12.61
		179	6845] [14.00	13.10
U-NII-7		115	6525		6.25	5.75
6.7GHz	802.11be40-EHT0	147	6685	MCS0	13.00	12.56
0.7 GHZ		179	6845		14.00	13.16
		135	6625		13.00	12.55
	802.11ax80-HE0	151	6705	MCS0	13.00	12.99
		167	6785		14.00	13.24
		135	6625		13.00	12.31
	802.11be80-EHT0	151	6705	MCS0	13.00	12.53
		167	6785		14.00	13.14
	802.11ax160-HE0	143	6665	MCS0	13.00	12.34
	002.11ax100-11E0	175	6825	IVICOU	12.25	11.89
	802.11be160-EHT0	143	6665	MCS0	13.00	12.43
	002.11De100-L1110	175	6825	IVICOU	12.25	11.89
	802.11be320-EHT0	127	6585	MCS0	13.00	12.48
	002.11be020-L1110	159	6745	IVICOU	13.00	11.88

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 42 of 92

			Main			
Band	Band Mode		Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Main Average power (dBm)
		185	6875		0.25	0.20
	802.11a	209	6995	6Mbps	0.25	0.14
		233	7115		0.25	0.21
		185	6875		3.50	2.47
	802.11ax20-HE0	209	6995	MCS0	3.50	2.46
		233	7115		-7.75	-8.04
	802.11be20-EHT0	185	6875]	3.50	2.56
		209	6995	MCS0	3.50	2.44
		233	7115		- 7.75	-8.12
	802.11ax40-HE0	187	6885	MCS0	6.50	5.46
U-NII-8	002.11ax40-11L0	227	7085	IVICOU	6.50	5.41
7.0GHz	802.11be40-EHT0	187	6885	MCS0	6.50	5.46
	002.11DC+0-L1110	227	7085	WOOO	6.50	5.56
		183	6865]	9.00	7.99
	802.11ax80-HE0	199	6945	MCS0	9.25	8.24
		215	7025		9.25	8.17
		183	6865]	9.00	7.92
	802.11be80-EHT0	199	6945	MCS0	9.25	8.30
		215	7025		9.25	8.27
	802.11ax160-HE0	207	6985	MCS0	13.00	11.98
	802.11be160-EHT0	207	6985	MCS0	13.00	12.04
	802.11be320-EHT0	191	6905	MCS0	15.50	14.68

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 43 of 92

			Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Aux Average power (dBm)
		1	5955		13.50	12.08
	802.11a	45	6175	6Mbps	13.50	12.08
		93	6415	† '	13.50	12.10
		1	5955		13.50	12.18
	802.11ax20-HE0	45	6175	MCS0	13.50	12.15
		93	6415	1	13.50	12.12
	802.11be20-EHT0	1	5955		13.50	12.02
		45	6175	MCS0	13.50	12.13
		93	6415	1	13.50	12.10
		3	5965		13.50	12.18
	802.11ax40-HE0	43	6165	MCS0	13.50	12.14
		91	6405	1	13.50	12.11
	802.11be40-EHT0	3	5965		13.50	12.08
U-NII-5		43	6165	MCS0	13.50	12.09
		91	6405		13.50	12.15
6.2GHz		7	5985		13.50	12.07
	802.11ax80-HE0	39	6145	MCS0	13.50	12.15
		87	6385	1	13.50	12.10
		7	5985		13.50	12.06
	802.11be80-EHT0	39	6145	MCS0	13.50	12.08
		87	6385	1	13.50	12.16
		15	6025		13.50	12.10
	802.11ax160-HE0	47	6185	MCS0	13.50	12.10
		79	6345	1	13.50	12.03
		15	6025		13.50	12.19
	802.11be160-EHT0	47	6185	MCS0	13.50	12.13
		79	6345	1	13.50	12.18
	000 44h - 000 EUTO	31	6105	MOCO	13.50	12.22
	802.11be320-EHT0	63	6265	MCS0	13.50	12.43

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除北只方的时,此起生处田茂縣和建立建立,居时此接且茂原河の子。太祖华上海大河自東西地方,无可如此海剿。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

S Taiwan Ltd. No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 份有限公司 t (886-2) 2299-3279 f (886-2) 2298-0488 www.sgs.com.tw



Page: 44 of 92

			Aux			
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Aux Average power (dBm)
		97.00	6435.00		0.00	-0.22
	802.11a	105.00	6475.00	6Mbps	0.00	-0.31
		113.00	6515.00		0.00	-0.25
		97.00	6435.00		3.75	2.87
	802.11ax20-HE0	105.00	6475.00	MCS0	3.75	3.01
		113.00	6515.00		3.75	2.99
	802.11be20-EHT0	97.00	6435.00		3.75	2.86
		105.00	6475.00	MCS0	3.75	2.99
		113.00	6515.00		3.75	2.91
U-NII-6	802.11ax40-HE0	99.00	6445.00	MCS0	6.25	5.37
6.5GHz	002.11ax40-⊓⊑0	107.00	6485.00	IVICSU	6.25	5.49
	802.11be40-EHT0	99.00	6445.00	MCS0	6.25	5.43
	002.11De40-EF10	107.00	6485.00	IVICSU	6.25	5.39
	802.11ax80-HE0	103.00	6465.00	MCS0	9.50	8.77
	002.118X0U-TEU	119.00	6545.00	IVICSU	9.00	8.15
	802.11be80-EHT0	103.00	6465.00	MCS0	9.50	8.72
	002.11DE0U-E1110	119.00	6545.00	IVICSU	9.00	8.23
	802.11ax160-HE0	111.00	6505.00	MCS0	13.00	12.13
	802.11be160-EHT0	111.00	6505.00	MCS0	13.00	12.10
	802.11be320-EHT0	95.00	6425.00	MCS0	14.50	13.15

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有铅明,此就是结果做新加速之緣具有書,同時此緣具屬風內內干。大規集主極大公司書面對可,不可如公道制。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

台灣檢驗科技股份有限公司



Page: 45 of 92

			Δ.			
		Т	Aux	1 1		
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Aux Average power (dBm)
		117	6535		13.00	12.45
	802.11a	149	6695	6Mbps	13.00	12.60
		181	6855		15.50	13.20
		117	6535		13.00	12.50
	802.11ax20-HE0	149	6695	MCS0	13.00	12.68
		181	6855		15.50	13.29
		117	6535		13.00	12.37
	802.11be20-EHT0	149	6695	MCS0	13.00	12.60
		181	6855		15.50	13.28
		115	6525		6.25	5.60
	802.11ax40-HE0	147	6685	MCS0	13.00	12.53
		179	6845		15.50	13.26
U-NII-7		115	6525		6.25	5.72
6.7GHz	802.11be40-EHT0	147	6685	MCS0	13.00	12.69
0.7 GI IZ		179	6845		15.50	13.22
		135	6625		13.00	12.54
	802.11ax80-HE0	151	6705	MCS0	13.00	12.98
		167	6785		15.50	13.32
		135	6625		13.00	12.32
	802.11be80-EHT0	151	6705	MCS0	13.00	12.63
		167	6785		15.50	13.30
	802.11ax160-HE0	143	6665	MCS0	13.00	12.49
	002.11ax100-⊓⊑0	175	6825	IVICOU	12.25	11.93
	802.11be160-EHT0	143	6665	MCS0	13.00	12.33
	002.11be100-EH10	175	6825	IVICOU	12.25	11.81
	802.11be320-EHT0	127	6585	MCS0	13.00	12.45
	OUZ. I IDESZU-EMIU	159	6745	IVICOU	13.00	11.75

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 46 of 92

			Aux	1		1
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Aux Average power (dBm)
		185.00	6875.00		0.25	0.19
	802.11a	209.00	6995.00	6Mbps	0.25	0.22
		233.00	7115.00		0.25	0.21
		185.00	6875.00		3.50	2.59
	802.11ax20-HE0	209.00	6995.00	MCS0	3.50	2.48
		233.00	7115.00		-7.75	-8.15
	802.11be20-EHT0	185.00	6875.00	1	3.50	2.42
		209.00	6995.00	MCS0	3.50	2.49
		233.00	7115.00		-7.75	-8.28
	802.11ax40-HE0	187.00	6885.00	MCS0	6.50	5.45
U-NII-8	002.11ax+0-11L0	227.00	7085.00	WOOO	6.50	5.48
7.0GHz	802.11be40-EHT0	187.00	6885.00	MCS0	6.50	5.50
	002.11D040 E1110	227.00	7085.00	Wioco	6.50	5.47
		183.00	6865.00		9.00	7.92
	802.11ax80-HE0	199.00	6945.00	MCS0	9.25	8.32
		215.00	7025.00		9.25	8.57
		183.00	6865.00]	9.00	7.92
	802.11be80-EHT0	199.00	6945.00	MCS0	9.25	8.29
		215.00	7025.00		9.25	8.27
	802.11ax160-HE0	207.00	6985.00	MCS0	13.00	12.40
	802.11be160-EHT0	207.00	6985.00	MCS0	13.00	11.93
	802.11be320-EHT0	191.00	6905.00	MCS0	15.50	15.12

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 47 of 92

Bluetooth 6.3

Aux

/ tux	TO/A									
			1Mbps		2Mbps		3Mbps			
Mode	Channel	Frequency (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)		
	CH 00	2402		14.32		10.98		10.99		
BR/EDR	CH 39	2441	16.00	14.04	12.00	10.62	12.00	10.61		
	CH 78	2480		14.02		10.26		10.27		

Main

IVIAIII								
			1Mbps		2Mbps		3Mbps	
Mode	Channel	Frequency (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
	CH 00	2402		15.52		10.12		10.08
BR/EDR	CH 39	2441	16.00	15.95	12.00	10.11	12.00	10.03
	CH 78	2480		14.75		11.89		11.81

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司



Page: 48 of 92

Aux

Aux				
Mada	Channal	Frequency	(GFSK
Mode	Channel	(MHz)	Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
	CH 00	2402		11.32
BLE_1M	CH 19	2440	16	11.31
	CH 39	2480		10.60
Mode	Channel	Frequency	(GFSK
iviode	Charmer	(MHz)	Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
	CH 00	2402		8.65
BLE_2M	CH 19	2440	16	8.34
	CH 39	2480		7.94

Main

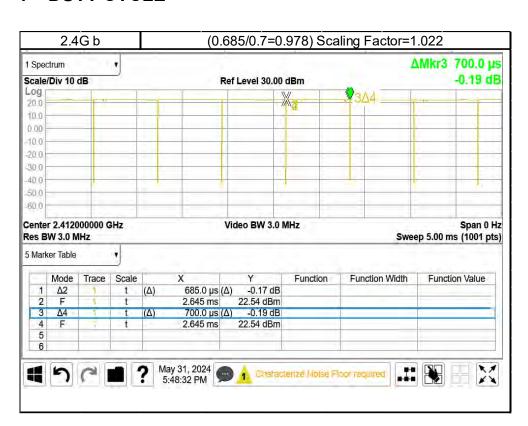
IVIAIII				
Mada	Channal	Frequency	C	GFSK
Mode	Channel	(MHz)	Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
	CH 00	2402		12.59
BLE_1M	CH 19	2440	16	12.92
	CH 39	2480		12.12
Mode	Channel	Frequency		GFSK
iviode	Charmer	(MHz)	Max. Rated Avg.Power + Max. Tolerance (dBm)	Average Output Power (dBm)
	CH 00	2402		9.90
BLE_2M	CH 19	2440	16	10.23
	CH 39	2480		9.46

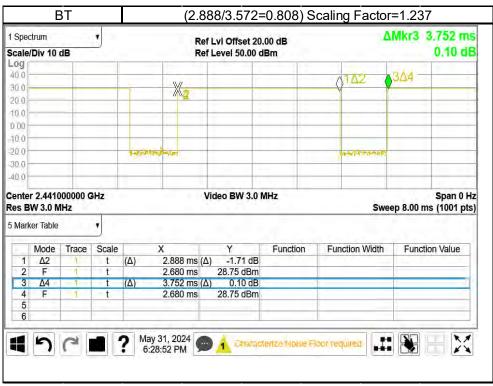
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 49 of 92



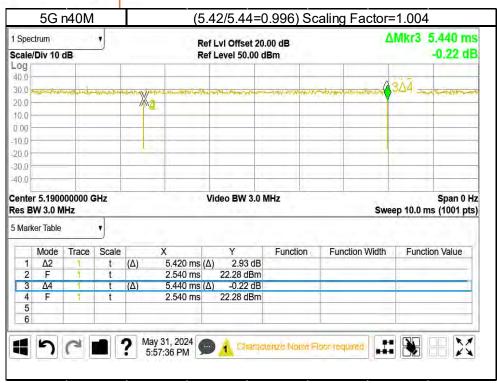


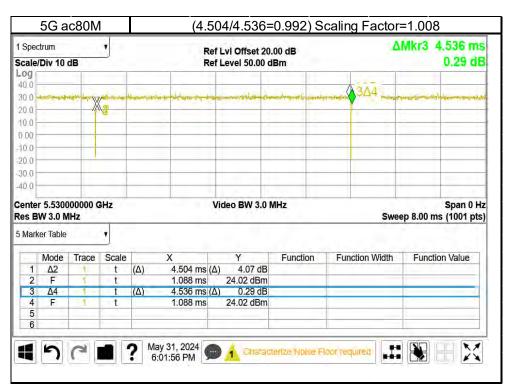
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 50 of 92





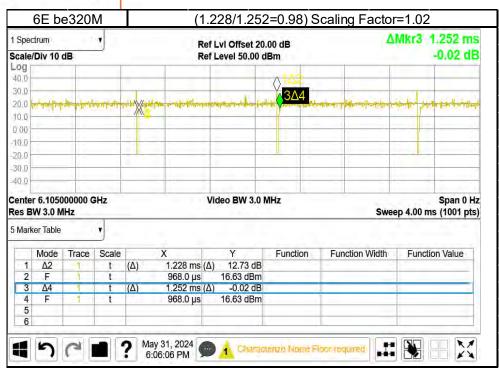
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除北只方的时,此起生处田茂縣和建立建立,居时此接且茂原河の子。太祖华上海大河自東西地方,无可如此海剿。

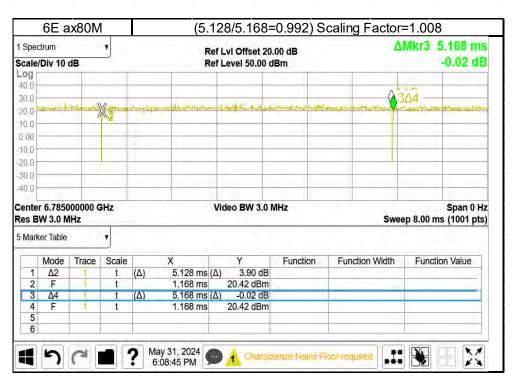
除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.



Page: 51 of 92





Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除北只方的时,此起生处田茂縣和建立建立,居时此接且茂原河の子。太祖华上海大河自東西地方,无可如此海剿。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.



Page: 52 of 92

8 SUMMARY OF RESULTS

8.1 Decision rules

Reported measurement data comply with Test Methodology in section 1.1.

Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

8.2 Summary of SAR Results

WLAN

Dd	A-4	D#	Distance	Channel	Freq.	Max. Rated Avg. Power + Max.	Measured	Duty cycle	Power	Averaged SAR over 1g (W/kg)		ID
Band	Antenna	Position	(mm)	Channel	(MHz)	Tolerance (dBm)	Avg. Power (dBm)	scaling	scaling	Measured	Reported	ID
WLAN 802.11b	Main	Back Surface	0	1	2412	19.50	18.26	1.02	133.05%	0.036	0.049	-
WLAN 802.11b	Main	Top Edge	0	1	2412	19.50	18.26	1.02	133.05%	0.355	0.483	001
WLAN 802.11b	Main	Top Edge	0	6	2437	19.50	18.17	1.02	135.83%	0.211	0.293	-
WLAN 802.11b	Main	Top Edge	0	11	2462	19.50	18.15	1.02	136.46%	0.201	0.280	-
WLAN 802.11b	Main	Bottom Edge	0	1	2412	19.50	18.26	1.02	133.05%	0.024	0.033	-
WLAN 802.11b	Main	Left Edge	0	1	2412	19.50	18.26	1.02	133.05%	0.032	0.044	-
WLAN 802.11b	Main	Right Edge	0	1	2412	19.50	18.26	1.02	133.05%	0.068	0.092	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg)	ID
Bluetooth(GFSK)	Main	Back Surface	0	39	2441	16.00	15.95	1.24	101.16%	0.022	0.028	-
Bluetooth(GFSK)	Main	Top Edge	0	39	2441	16.00	15.95	1.24	101.16%	0.292	0.365	002
Bluetooth(GFSK)	Main	Bottom Edge	0	39	2441	16.00	15.95	1.24	101.16%	0.011	0.014	-
Bluetooth(GFSK)	Main	Left Edge	0	39	2441	16.00	15.95	1.24	101.16%	0.001	0.001	-
Bluetooth(GFSK)	Main	Right Edge	0	39	2441	16.00	15.95	1.24	101.16%	0.055	0.069	-
Band	Antenna	Position	Distance (mm)	Channel	Freq.	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle	Power		over 1g (W/kg)	ID
	Antenna		Distance (mm)	Channel	(MHz)	Power + Max. Tolerance (dBm)		scaling	scaling	Measured	Reported	ID
Band WLAN 802.11b	Antenna Aux	Back Surface		Channel 11		Power + Max.	Avg. Power					ID -
WLAN 802.11b WLAN 802.11b		Back Surface Top Edge	(mm) 0 0	11	(MHz) 2462 2412	Power + Max. Tolerance (dBm) 19.50	Avg. Power (dBm) 18.44 18.28	1.02 1.02	scaling 127.64% 132.43%	Measured 0.033 0.066	Reported 0.043 0.089	ID -
WLAN 802.11b	Aux	Back Surface	(mm) 0	11	(MHz) 2462	Power + Max. Tolerance (dBm) 19.50	Avg. Power (dBm) 18.44	scaling 1.02	scaling 127.64%	Measured 0.033	Reported 0.043	. ID
WLAN 802.11b WLAN 802.11b	Aux Aux	Back Surface Top Edge	(mm) 0 0	11	(MHz) 2462 2412	Power + Max. Tolerance (dBm) 19.50	Avg. Power (dBm) 18.44 18.28	1.02 1.02 1.02 1.02	scaling 127.64% 132.43%	Measured 0.033 0.066	Reported 0.043 0.089 0.124 0.286	
WLAN 802.11b WLAN 802.11b WLAN 802.11b	Aux Aux Aux	Back Surface Top Edge Top Edge	(mm) 0 0	11 1 6	(MHz) 2462 2412 2437	Power + Max. Tolerance (dBm) 19.50 19.50	Avg. Power (dBm) 18.44 18.28 18.34	1.02 1.02 1.02	scaling 127.64% 132.43% 130.62%	Measured 0.033 0.066 0.093	Reported 0.043 0.089 0.124	-
WLAN 802.11b WLAN 802.11b WLAN 802.11b WLAN 802.11b	Aux Aux Aux Aux	Back Surface Top Edge Top Edge Top Edge	(mm) 0 0 0 0	11 1 6 11	(MHz) 2462 2412 2437 2462	Power + Max. Tolerance (dBm) 19.50 19.50 19.50	Avg. Power (dBm) 18.44 18.28 18.34 18.44	1.02 1.02 1.02 1.02	scaling 127.64% 132.43% 130.62% 127.64%	Measured 0.033 0.066 0.093 0.219	Reported 0.043 0.089 0.124 0.286	-
WLAN 802.11b WLAN 802.11b WLAN 802.11b WLAN 802.11b WLAN 802.11b	Aux Aux Aux Aux Aux	Back Surface Top Edge Top Edge Top Edge Top Edge Bottom Edge	(mm) 0 0 0 0	11 1 6 11 11	(MHz) 2462 2412 2437 2462 2462	Power + Max. Tolerance (dBm) 19.50 19.50 19.50 19.50	Avg. Power (dBm) 18.44 18.28 18.34 18.44	1.02 1.02 1.02 1.02 1.02 1.02	scaling 127.64% 132.43% 130.62% 127.64%	Measured 0.033 0.066 0.093 0.219 0.060	0.043 0.089 0.124 0.286 0.078	-
WLAN 802.11b	Aux Aux Aux Aux Aux Aux	Back Surface Top Edge Top Edge Top Edge Bottom Edge Left Edge	(mm) 0 0 0 0 0 0	11 1 6 11 11	(MHz) 2462 2412 2437 2462 2462 2462 2462	Power + Max. Tolerance (dBm) 19.50 19.50 19.50 19.50 19.50 19.50 19.50 Max. Rated Avg. Power + Max.	Avg. Power (dBm) 18.44 18.28 18.34 18.44 18.44 18.44 Measured Avg. Power	scaling 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02	scaling 127.64% 132.43% 130.62% 127.64% 127.64%	Measured 0.033 0.066 0.093 0.219 0.060 0.032 0.029 Averaged SAR	Reported 0.043 0.089 0.124 0.286 0.078 0.042 0.038 over 1g (W/kg)	-
WLAN 802.11b Band	Aux	Back Surface Top Edge Top Edge Top Edge Bottom Edge Left Edge Right Edge Position	(mm) 0 0 0 0 0 0 0 Distance (mm)	11 1 6 11 11 11 11 11 Channel	(MHz) 2462 2412 2437 2462 2462 2462 2462 2462 Freq. (MHz)	Power + Max. Tolerance (dBm) 19.50 19.50 19.50 19.50 19.50 19.50 19.50 Max. Rated Avg. Power + Max. Tolerance (dBm)	Avg. Power (dBm) 18.44 18.28 18.34 18.44 18.44 18.44 18.44 Measured Avg. Power (dBm)	1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02	scaling 127.64% 132.43% 130.62% 127.64% 127.64% 127.64% 127.64% Power scaling	Measured 0.033 0.066 0.093 0.219 0.060 0.032 0.029 Averaged SAR Measured	Reported 0.043 0.089 0.124 0.286 0.078 0.042 0.038 over 1g (W/kg) Reported	- 003
WLAN 802.11b Band Bluetooth(GFSK)	Aux	Back Surface Top Edge Top Edge Top Edge Bottom Edge Left Edge Right Edge Position Back Surface	(mm) 0 0 0 0 0 0 0 0 0 0 0 0 Distance (mm)	11 1 6 11 11 11 11 11 Channel	(MHz) 2462 2412 2437 2462 2462 2462 2462 2462 Freq. (MHz) 2402	Power + Max. Tolerance (dBm) 19.50 19.50 19.50 19.50 19.50 19.50 19.50 Max. Rated Avg. Power + Max. Tolerance (dBm) 16.00	Avg. Power (dBm) 18.44 18.28 18.34 18.44 18.44 18.44 18.44 Measured Avg. Power (dBm)	1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.03 1.24 1.24 1.24 1.24 1.24 1.24 1.25	scaling 127.64% 132.43% 130.62% 127.64% 127.64% 127.64% 127.64% Power scaling 147.23%	Measured 0.033 0.066 0.093 0.219 0.060 0.032 0.029 Averaged SAR Measured 0.012	Reported 0.043 0.089 0.124 0.286 0.078 0.042 0.038 over 1g (W/kg) Reported 0.022	
WLAN 802.11b Band Bluetooth(GFSK) Bluetooth(GFSK)	Aux	Back Surface Top Edge Top Edge Top Edge Bottom Edge Left Edge Right Edge Position Back Surface Top Edge	(mm) 0 0 0 0 0 0 0 0 0 Distance (mm)	11 1 6 6 11 11 11 11 11 Channel 00 00	(MHz) 2462 2412 2437 2462 2462 2462 2462 2462 Freq. (MHz) 2402 2402	Power + Max. Tolerance (dBm) 19.50 19.50 19.50 19.50 19.50 19.50 19.50 Max. Rated Avg. Power + Max. Tolerance (dBm) 16.00	Avg. Power (dBm) 18.44 18.28 18.34 18.44 18.44 18.44 Measured Avg. Power 14.32 14.32	1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02	scaling 127.64% 132.43% 130.62% 127.64% 127.64% 127.64% 127.64% 127.64% 127.64% 127.64% 127.64% 127.64% 127.64% 127.64%	Measured 0.033 0.066 0.093 0.219 0.060 0.032 0.029 Averaged SAR Measured 0.012 0.072	Reported 0.043 0.089 0.124 0.286 0.042 0.038 over 1g (W/kg) Reported 0.022 0.131	003
WLAN 802.11b Band Bluetooth(GFSK) Bluetooth(GFSK)	Aux	Back Surface Top Edge Top Edge Top Edge Bottom Edge Left Edge Right Edge Position Back Surface Top Edge Bottom Edge	(mm) 0 0 0 0 0 0 0 0 Distance (mm) 0 0	11 1 6 11 11 11 11 11 11 Channel 00 00	(MHz) 2462 2412 2437 2462 2462 2462 2462 2462 Freq. (MHz) 2402 2402 2402	Power + Max. Tolerance (dBm) 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 Max. Rated Avg. Power + Max. Tolerance (dBm) 16.00 16.00	Avg. Power (dBm) 18.44 18.28 18.34 18.44 18.44 18.44 Measured Avg. Power (dBm) 14.32 14.32	1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02	scaling 127.64% 132.43% 130.62% 127.64% 127.64% 127.64% 127.64% 127.64% Power scaling 147.23% 147.23%	Measured 0.033 0.066 0.093 0.219 0.060 0.032 0.029 Averaged SAR Measured 0.012 0.072	Reported 0.043 0.089 0.124 0.286 0.078 0.042 0.038 over 1g (W/kg) Reported 0.022 0.131 0.033	
WLAN 802.11b Band Bluetooth(GFSK) Bluetooth(GFSK)	Aux	Back Surface Top Edge Top Edge Top Edge Bottom Edge Left Edge Right Edge Position Back Surface Top Edge	(mm) 0 0 0 0 0 0 0 0 0 Distance (mm)	11 1 6 6 11 11 11 11 11 Channel 00 00	(MHz) 2462 2412 2437 2462 2462 2462 2462 2462 Freq. (MHz) 2402 2402	Power + Max. Tolerance (dBm) 19.50 19.50 19.50 19.50 19.50 19.50 19.50 Max. Rated Avg. Power + Max. Tolerance (dBm) 16.00	Avg. Power (dBm) 18.44 18.28 18.34 18.44 18.44 18.44 Measured Avg. Power 14.32 14.32	1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02	scaling 127.64% 132.43% 130.62% 127.64% 127.64% 127.64% 127.64% 127.64% 127.64% 127.64% 127.64% 127.64% 127.64%	Measured 0.033 0.066 0.093 0.219 0.060 0.032 0.029 Averaged SAR Measured 0.012 0.072	Reported 0.043 0.089 0.124 0.286 0.042 0.038 over 1g (W/kg) Reported 0.022 0.131	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除北只方的时,此起生处田茂縣和建立建立,居时此接且茂原河の子。太祖华上海大河自東西地方,无可如此海剿。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

S Taiwan Ltd. No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

www.sqs.com.tw



Page: 53 of 92

MIMO

Rand	Position	Distance	Channal	Freq.	Max. Rated Avg.	Measured Avg. Power	Duty cycle	Power	Averaged SAR	over 1g (W/kg)	ID
Band	Position	(mm)	Channel	(MHz)	Power + Max. Tolerance (dBm)	Avg. Power (dBm)	scaling	scaling	Measured	Reported	טו
WLAN 802.11n(40M) 5.2G	Back Surface	0	38	5190	16.50	16.47 15.38	1.00	100.69% 129.42%	0.109	0.142	-
WLAN 802.11n(40M) 5.2G	Back Surface	0	46	5230	17.00	16.62 15.32	1.00	109.14% 147.23%	0.133	0.197	-
WLAN 802.11n(40M) 5.2G	Top Edge	0	38	5190	16.50	16.47	1.00	100.69%	0.508	0.660	005
WLAN 802.11n(40M) 5.2G	Top Edge	0	46	5230	17.00	16.62 15.32	1.00	109.14%	0.443	0.655	-
WLAN 802.11n(40M) 5.2G	Bottom Edge	0	38	5190	16.50	16.47	1.00	100.69%	0.089	0.116	-
WLAN 802.11n(40M) 5.2G	Bottom Edge	0	46	5230	17.00	15.38 16.62	1.00	129.42%	0.095	0.140	
WLAN 802.11n(40M) 5.2G	Left Edge	0	38	5190	16.50	15.32 16.47	1.00	147.23% 100.69%	0.108	0.140	-
WLAN 802.11n(40M) 5.2G	Left Edge	0	46	5230	17.00	15.38 16.62	1.00	129.42% 109.14%	0.134	0.198	
						15.32 16.47		147.23% 100.69%			
WLAN 802.11n(40M) 5.2G	Right Edge	0	38	5190	16.50	15.38 16.62	1.00	129.42% 109.14%	0.162	0.210	
WLAN 802.11n(40M) 5.2G	Right Edge	0	46	5230	17.00 Max. Rated Avg.	15.32 Measured	1.00	147.23%	0.165	0.244	
Band	Position	Distance (mm)	Channel	Freq. (MHz)	Power + Max. Tolerance (dBm)	Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	Reported	ID
WLAN 802.11n(40M) 5.3G	Back Surface	0	54	5270	17.00	16.80 15.37	1.00	104.71% 145.55%	0.110	0.161	-
WLAN 802.11n(40M) 5.3G	Back Surface	0	62	5310	15.50	15.45 13.92	1.00	101.16% 143.88%	0.091	0.131	-
WLAN 802.11n(40M) 5.3G	Top Edge	0	54	5270	17.00	16.80 15.37	1.00	104.71% 145.55%	0.569	0.831	006
WLAN 802.11n(40M) 5.3G	Top Edge	0	62	5310	15.50	15.45	1.00	101.16%	0.379	0.547	-
WLAN 802.11n(40M) 5.3G	Bottom Edge	0	54	5270	17.00	16.80	1.00	104.71%	0.099	0.145	
WLAN 802.11n(40M) 5.3G	Bottom Edge	0	62	5310	15.50	15.37 15.45	1.00	145.55% 101.16%	0.061	0.088	
WLAN 802.11n(40M) 5.3G	Left Edge	0	54	5270	17.00	13.92 16.80	1.00	143.88% 104.71%	0.103	0.151	
WLAN 802.11n(40M) 5.3G	Left Edge	0	62	5310	15.50	15.37 15.45	1.00	145.55% 101.16%	0.076	0.110	
		0	54	5270		13.92 16.80		143.88% 104.71%		0.295	
WLAN 802.11n(40M) 5.3G	Right Edge				17.00	15.37 15.45	1.00	145.55% 101.16%	0.202		
WLAN 802.11n(40M) 5.3G	Right Edge	0	62	5310	15.50 Max. Rated Avg.	13.92 Measured	1.00	143.88%	0.116	0.168	-
Band	Position	Distance (mm)	Channel	Freq. (MHz)	Power + Max. Tolerance (dBm)	Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg) Reported	ID
WLAN 802.11ac(80M) 5.6G	Back Surface	0	106	5530	14.50	14.46 12.95	1.01	100.93% 142.89%	0.116	0.167	-
WLAN 802.11ac(80M) 5.6G	Back Surface	0	122	5610	14.50	14.48	1.01	100.46%	0.149	0.219	-
WLAN 802.11ac(80M) 5.6G	Back Surface	0	138	5690	14.50	12.87 14.41	1.01	102.09%	0.182	0.268	-
WLAN 802.11ac(80M) 5.6G	Top Edge	0	106	5530	14.50	12.85 14.46	1.01	146.22% 100.93%	0.582	0.838	007
WLAN 802.11ac(80M) 5.6G	Top Edge	0	122	5610	14.50	12.95 14.48	1.01	142.89% 100.46%	0.531	0.779	
						12.87 14.41		145.55% 102.09%			-
WLAN 802.11ac(80M) 5.6G	Top Edge	0	138	5690	14.50	12.85 14.46	1.01	146.22% 100.93%	0.557	0.821	-
WLAN 802.11ac(80M) 5.6G	Bottom Edge	0	106	5530	14.50	12.95 14.48	1.01	142.89% 100.46%	0.118	0.170	-
WLAN 802.11ac(80M) 5.6G	Bottom Edge	0	122	5610	14.50	12.87	1.01	145.55%	0.116	0.170	-
WLAN 802.11ac(80M) 5.6G	Bottom Edge	0	138	5690	14.50	12.85	1.01	146.22%	0.118	0.174	-
WLAN 802.11ac(80M) 5.6G	Left Edge	0	106	5530	14.50	14.46 12.95	1.01	100.93% 142.89%	0.189	0.272	-
WLAN 802.11ac(80M) 5.6G	Left Edge	0	122	5610	14.50	14.48 12.87	1.01	100.46% 145.55%	0.212	0.311	-
WLAN 802.11ac(80M) 5.6G	Left Edge	0	138	5690	14.50	14.41 12.85	1.01	102.09% 146.22%	0.127	0.187	-
		T T			44.50	14.46	1.01	100.93%	0.234	0.337	-
WLAN 802.11ac(80M) 5.6G	Right Edge	0	106	5530	14.50	12.95		142.89%		0.001	
WLAN 802.11ac(80M) 5.6G WLAN 802.11ac(80M) 5.6G	Right Edge	0	106	5530	14.50	12.95 14.48 12.87	1.01	142.89% 100.46% 145.55%	0.295	0.433	-

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 54 of 92

Band	Position	Distance	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle scaling	Power scaling	Averaged SAR	over 1g (W/kg)	ID
		(mm)		(IVITZ)	Tolerance (dBm)	(dBm)	scaling	scaling	Measured	Reported	
WLAN 802.11ac(80M) 5.8G	Back Surface	0	155	5775	14.50	14.41	1.01	102.09%	0.141	0.208	
WEAR 602. 1 fac(60W) 5.66	Dack Surface	U	155	3773	14.50	12.84	1.01	146.55%	0.141	0.200	-
WLAN 802.11ac(80M) 5.8G	Top Edge	0	155	5775	14.50	14.41	1.01	102.09%	0.649	0.959	008
WEAN 602.118C(60W) 5.6G	Top Eage	"	155	5//5	14.50	12.84	1.01	146.55%	0.049	0.959	006
WLAN 802.11ac(80M) 5.8G	Bottom Edge	0	155	5775	14.50	14.41	1.01	102.09%	0.099	0.146	
WEAN 602.118C(60W) 5.6G	Bottom Eage	"	155	5//5	14.50	12.84	1.01	146.55%	0.099	0.146	-
WLAN 802.11ac(80M) 5.8G	Left Edge	0	155	5775	14.50	14.41	1.01	102.09%	0.112	0.165	
WEAN 602.11ac(60M) 3.6G	Len Luge	U	155	3773	14.50	12.84	1.01	146.55%	0.112	0.103	
WLAN 802.11ac(80M) 5.8G	Right Edge	0	155	5775	14.50	14.41	1.01	102.09%	0.126	0.186	
WEAR 602. Frac(60M) 5.66	Night Edge	U	155	3773	14.50	12.84	1.01	146.55%	0.120	0.100	
Band	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle scaling	Power scaling	Averaged SAR	over 1g (W/kg)	ID
		(11111)		(IVII IZ)	Tolerance (dBm)	(dBm)	scaling	scaling	Measured	Reported	
WLAN 802.11ac(80M) 5.9G	Back Surface	0	171	5855	14.50	14.21	1.01	106.91%	0.121	0.178	
WEAR 602.11ac(60M) 5.9G	Dack Sullace	0	171	3033	14.50	12.85	1.01	146.22%	0.121	0.176	
WLAN 802.11ac(80M) 5.9G	Top Edge	0	171	5855	14.50	14.21	1.01	106.91%	0.708	1.044	009
VID-14 002. 1 (dolw) 0.50	Top Eage	Ü	.,,,	3033	14.50	12.85	1.01	146.22%	0.700	1.044	003
WLAN 802.11ac(80M) 5.9G	Bottom Edge	0	171	5855	14.50	14.21	1.01	106.91%	0.067	0.099	
WEAT 002. 1180(00M) 0.00	Bottom Edge	Ü	.,,	3033	14.50	12.85	1.01	146.22%	0.007	0.033	
WLAN 802.11ac(80M) 5.9G	Left Edge	0	171	5855	14.50	14.21	1.01	106.91%	0.098	0.144	
112 11 002. 1 do(00W) 0.00	zon Luge	Ů	.,,	5555		12.85		146.22%	3.330	0.144	_
WLAN 802.11ac(80M) 5.9G	Right Edge	0	171	5855	14.50	14.21	1.01	106.91%	0.131	0.193	_
						12.85		146.22%			

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司



Page: 55 of 92

WLAN 6GHz MIMO

Band	Position	Distance	Channel	Freq.	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle	Power	Averaged SAR	over 1g (W/kg)	Estimated APD	W/m^2 (4cm^2)	ID
		(mm)		(MHz)	Tolerance (dBm)	(dBm)	scaling	scaling	Measured	Reported	Measured	Reported	
U-NII-5 6.2GHz 802.11be(320M)	Back Surface	0	31	6105	13.50	13.23 12.22	1.02	106.41% 134.28%	0.134	0.184	1.08	1.479	
U-NII-5 6.2GHz 802.11be(320M)	Back Surface	0	63	6265	13.50	13.30 12.43	1.02	104.71% 127.94%	0.117	0.153	1.28	1.670	-
U-NII-5 6.2GHz 802.11be(320M)	Top Edge	0	31	6105	13.50	13.23 12.22	1.02	106.41% 134.28%	0.725	0.993	5.23	7.163	010
U-NII-5 6.2GHz 802.11be(320M)	Top Edge	0	63	6265	13.50	13.30 12.43	1.02	104.71% 127.94%	0.641	0.836	4.59	5.990	011
U-NII-5 6.2GHz 802.11be(320M)	Bottom Edge	0	31	6105	13.50	13.23 12.22	1.02	106.41% 134.28%	0.095	0.130	0.799	1.094	-
U-NII-5 6.2GHz 802.11be(320M)	Bottom Edge	0	63	6265	13.50	13.30 12.43	1.02	104.71% 127.94%	0.108	0.141	0.832	1.086	-
U-NII-5 6.2GHz 802.11be(320M)	Left Edge	0	31	6105	13.50	13.23 12.22	1.02	106.41% 134.28%	0.112	0.153	0.903	1.237	-
U-NII-5 6.2GHz 802.11be(320M)	Left Edge	0	63	6265	13.50	13.30 12.43	1.02	104.71% 127.94%	0.189	0.247	1.4	1.827	1
U-NII-5 6.2GHz 802.11be(320M)	Right Edge	0	31	6105	13.50	13.23 12.22	1.02	106.41% 134.28%	0.239	0.327	1.63	2.232	i
U-NII-5 6.2GHz 802.11be(320M)	Right Edge	0	63	6265	13.50	13.30	1.02	104.71%	0.311	0.406	2.11	2.753	-
Band	Position	Distance	Channel	Freq.	Max. Rated Avg. Power + Max.	Measured Avg. Power	Duty cycle	127.94% Power	Averaged SAR	over 1g (W/kg)	Estimated APD	W/m^2 (4cm^2)	ID
		(mm)		(MHz)	Tolerance (dBm)	(dBm)	scaling	scaling	Measured	Reported	Measured	Reported	
U-NII-6 6.5GHz 802.11be(320M)	Back Surface	0	95	6425	14.00	13.56 13.15	1.02	110.66% 121.62%	0.152	0.189	1.14	1.414	1
U-NII-6 6.5GHz 802.11be(320M)	Top Edge	0	95	6425	14.00	13.56 13.15	1.02	110.66% 121.62%	0.849	1.053	6.59	8.175	012
U-NII-6 6.5GHz 802.11be(320M)	Bottom Edge	0	95	6425	14.00	13.56 13.15	1.02	110.66% 121.62%	0.056	0.069	0.611	0.758	1
U-NII-6 6.5GHz 802.11be(320M)	Left Edge	0	95	6425	14.00	13.56 13.15	1.02	110.66% 121.62%	0.169	0.210	1.31	1.625	i
U-NII-6 6.5GHz 802.11be(320M)	Right Edge	0	95	6425	14.00	13.56 13.15	1.02	110.66% 121.62%	0.245	0.304	1.73	2.146	-
		Distance		Freq.	Max. Rated Avg.	Measured	Duty cycle	Power	Averaged SAR	over 1g (W/kg)	Estimated APD	W/m^2 (4cm^2)	
Band	Position	(mm)	Channel	(MHz)	Power + Max. Tolerance (dBm)	Avg. Power (dBm)	scaling	scaling	Measured	Reported	Measured	Reported	ID
U-NII-7 6.7GHz 802.11ax(80M)	Back Surface	0	167	6785	14.00	13.24	1.01	119.12% 116.95%	0.134	0.161	1.1	1.321	-
U-NII-7 6.7GHz 802.11ax(80M)	Top Edge	0	135	6625	13.00	12.55 12.54	1.01	110.92% 111.17%	0.770	0.863	6.01	6.735	-
U-NII-7 6.7GHz 802.11ax(80M)	Top Edge	0	151	6705	13.00	12.99 12.98	1.01	100.23% 100.46%	0.732	0.741	5.71	5.782	-
U-NII-7 6.7GHz 802.11ax(80M)	Top Edge	0	167	6785	14.00	13.24 13.32	1.01	119.12% 116.95%	0.868	1.042	6.76	8.117	013
U-NII-7 6.7GHz 802.11ax(80M)	Bottom Edge	0	167	6785	14.00	13.24 13.32	1.01	119.12% 116.95%	0.050	0.060	0.58	0.696	-
U-NII-7 6.7GHz 802.11ax(80M)	Left Edge	0	167	6785	14.00	13.24 13.32	1.01	119.12% 116.95%	0.202	0.243	1.55	1.861	-
U-NII-7 6.7GHz 802.11ax(80M)	Right Edge	0	167	6785	14.00	13.24 13.32	1.01	119.12% 116.95%	0.302	0.363	1.98	2.378	-
Band	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR Measured	over 1g (W/kg)	Estimated APD Measured	W/m^2 (4cm^2) Reported	ID
U-NII-8 7.0GHz 802.11be(320M)	Back Surface	0	191	6905	15.50	14.68	1.02	120.78% 109.14%	0.171	0.211	1.42	1.749	-
U-NII-8 7.0GHz 802.11be(320M)	Top Edge	0	191	6905	15.50	15.12 14.68 15.12	1.02	120.78% 120.14%	0.766	0.944	6.02	7.416	014
U-NII-8 7.0GHz 802.11be(320M)	Bottom Edge	0	191	6905	15.50	14.68 15.12	1.02	120.78% 109.14%	0.083	0.102	0.731	0.901	
		1	1			14.68		120.78%					
U-NII-8 7.0GHz 802.11be(320M)	Left Edge	0	191	6905	15.50	15.12	1.02	109.14%	0.134	0.165	1.02	1.257	-

Note:

Reported SAR = measured SAR * Power scaling * Duty cycle scaling Reported APD = measured APD * Power scaling * Duty cycle scaling

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司



Page: 56 of 92

Summary of PD Results 8.3

		Distance		Freq.	Max. Rated Avg.	Measured	Tune-up	Duty cycle	Measurement		PD resi	ult(4cm)		ID
Band	Position	(mm)	Channel	(MHz)	Power + Max. Tolerance (dBm)	Avg. Power (dBm)	Scaling	scaling	uncertainty	Measured Total psPD (W/m^2)	Reported Total psPD (W/m^2)	Measured Normal psPD (W/m^2)	Reported Normal psPD (W/m^2)	ID
	Top Edge	2	31	6105	13.50	13.23	106.41%	1.02	1.55	1.710	3.630	1.640	3.482	015
U-NII-5 6.2GHz	Top Eage	2	31	6105	13.30	12.22	134.28%	1.02	1.55	1.710	3.030	1.040	3.402	015
802.11be(320M)	Top Edge	2	63	6265	13.50	13.30	104.71%	1.02	1.55	1.430	2.892	1.240	2.508	016
	Top Eage	2	63	6265	13.30	12.43	127.94%	1.02	1.55	1.430	2.092	1.240	2.306	016
U-NII-6 6.5GHz	Top Edge	2	95	6425	14.00	13.56	110.66%	1.02	1.55	2.170	4.172	1.640	3.153	017
802.11be(320M)	Top Eage	2	95	6425	14.00	13.15	121.62%	1.02	1.55	2.170	4.172	1.040	3.133	017
U-NII-7 6.7GHz	Top Edge	2	167	6785	14.00	13.24	119.12%	1.00	1.55	2.180	4.025	1.790	3.305	018
802.11ax(80M)	Top Eage	2	107	6765	14.00	13.32	116.95%	1.00	1.55	2.100	4.025	1.790	3.305	018
U-NII-8 7.0GHz	T Ed	2	191	6905	15.50	14.68	120.78%	1.02	1.55	3.660	6.989	3.000	5.729	019
7.0GHZ 802.11be(320M)	Top Edge	2	191	6905	15.50	15.12	109.14%	1.02	1.55	3.000	0.989	3.000	5.729	019

Note:

Reported PD = measured PD * Power scaling * Duty cycle scaling * Uncertainty scaling

8.4 Reporting statements of conformity

The conformity statement in this report is based solely on the test results, measurement uncertainty is excluded.

8.5 Conclusion

The device is compliant because all the standalone results are less than their corresponding criteria.

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 57 of 92

SIMULTANEOUS TRANSMISSION ANALYSIS

9.1 **Simultaneous Transmission Scenarios:**

Simultaneous Transmission configurations
WLAN 2.4GHz Main + BT Aux
WLAN 2.4GHz Aux + BT Main
WLAN 5GHz Main + WLAN 5GHz Aux + BT Main + BT Aux
WLAN 6GHz Main + WLAN 6GHz Aux + BT Main + BT Aux
WLAN 2.4GHz Main + WLAN 2.4GHz Aux + WLAN 5GHz Main + WLAN 5GHz Aux
WLAN 2.4GHz Main + WLAN 2.4GHz Aux + WLAN 6GHz Main + WLAN 6GHz Aux
WLAN 5GHz Aux + WLAN 5GHz Main + BT Aux
WLAN 5GHz Aux + WLAN 5GHz Main + BT Main
WLAN 6GHz Aux + WLAN 6GHz Main + BT Aux
WLAN 6GHz Aux + WLAN 6GHz Main + BT Main
WLAN 2.4GHz Main + WLAN 2.4GHz Aux

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 58 of 92

9.2 Estimated SAR calculation

According to KDB447498 D01v06 – When standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:

Estimated SAR =
$$\frac{\text{Max. tune up power (mW)}}{\text{Min. test separation distance(mm)}} \times \frac{\sqrt{\text{f(GHz)}}}{7.5}$$

If the minimum test separation distance is < 5mm, a distance of 5mm is used for estimated SAR calculation. When the test separation distance is >50mm, the 0.4W/kg is used for SAR-1g.

9.3 SPLSR evaluation and analysis

Per KDB447498D01, when the sum of SAR is larger than the limit, SAR test exclusion is determined by the SAR sum to peak location separation ratio(SPLSR).

The simultaneous transmitting antennas in each operating mode and exposure condition combination must be considered one pair at a time to determine the SAR to peak location separation ratio to qualify for test exclusion.

The ratio is determined by (SAR1 + SAR2)^1.5/Ri, rounded to two decimal digits, and must be ≤ 0.04 for all antenna pairs in the configuration to qualify for 1-g SAR test exclusion.

SAR1 and SAR2 are the highest reported or estimated SAR for each antenna in the pair, and Ri is the separation distance between the peak SAR locations for the antenna pair in mm.

When standalone test exclusion applies, SAR is estimated; the peak location is assumed to be at the feed-point or geometric center of the antenna.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有验明,此就是结果保护证明,是我们就是一个企业,因此让我们的证明,但我们就是一个企业,因此让我们的证明,但我们就是一个企业,但是不是一个企业,

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

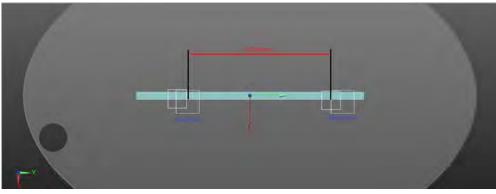


Page: 59 of 92

Simultaneous Transmission Combination

				Report	ed SAR			Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10	Scenario 11
		1	2	3	4	5	6	1+6	2+5	3+5+6	1+2+3	1+2+4	4+5+6	3+5	3+6	4+5	4+6	1+2
Exposure Pos	ition	2.4GHz WLAN Main	2.4GHz WLAN Aux	5GHz WLAN MIMO	6GHz WLAN MIMO	Bluetooth Main	Bluetooth Aux	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)					Σ(SAR) 1g SAR (W/	(g)				
Back Surface	0	0.049	0.043	0.268	0.211	0.028	0.022	0.071	0.071	0.318	0.360	0.303	0.261	0.296	0.290	0.239	0.233	0.092
Top Edge	0	0.483	0.286	1.044	1.053	0.365	0.131	0.614	0.651	1.540	1.813	1.822	1.549	1.409	1.175	1.418	1.184	0.769
Bottom Edge	0	0.033	0.078	0.174	0.141	0.014	0.033	0.066	0.092	0.221	0.285	0.252	0.188	0.188	0.207	0.155	0.174	0.111
Left Edge	0	0.044	0.042	0.311	0.247	0.001	0.020	0.064	0.043	0.332	0.397	0.333	0.268	0.312	0.331	0.248	0.267	0.086
Right Edge	0	0.092	0.038	0.433	0.406	0.069	0.015	0.107	0.107	0.517	0.563	0.536	0.490	0.502	0.448	0.475	0.421	0.130

				Scena	ario 4:				
Position	Conditions	SAR Value	Co	oordinates (c	m)	ΣSAR	Peak Location	SPLSR	Simultaneous Transmission SAR
1 Oslubii	Conditions	(W/kg)	х	у	z	(W/kg)	Separation Distance (mm)	OI LOIK	Test
	WLAN 2.4G Main	0.483	0.80	11.80	-0.40	-	-	-	-
Top Edge	WLAN 2.4G Aux	0.286	-0.70	-9.16	-0.45	-	-	-	-
Top Eage	WLAN 5G MIMO Main	1.044	0.68	10.58	-0.42	-	-	-	-
	WLAN 5G MIMO Aux	0.772	0.32	-9.48	-0.44	2.585	197.88	0.021	SPLSR ≤ 0.04, Not required



Conditions	SAR Value (W/kg)	ΣSAR < 1.6 (W/kg)
WLAN 2.4G Aux	0.286	1
WLAN 5G MIMO Aux	0.772	1.058
WLAN 2.4G Main	0.483	-
WLAN 5G MIMO Main	1.044	1.527

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有验证,他就是结果成果的证明,不可能以推翻。

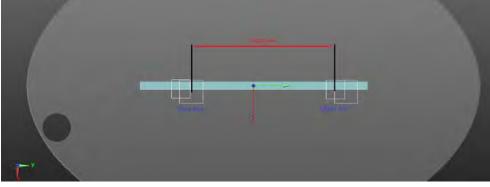
除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司



Page: 60 of 92

Simultaneous SPLSR Transmission SAR
Test
-
-
-
0.021 SPLSR ≤ 0.04, Not required
0.021



Conditions	SAR Value (W/kg)	ΣSAR < 1.6 (W/kg)
WLAN 2.4G Aux	0.286	-
WLAN 6G MIMO Aux	0.799	1.085
WLAN 2.4G Main	0.483	1
WLAN 6G MIMO Main	1.053	1.536

9.4 Conclusion

The simultaneous transmission is compliant because both SAR sum and/or SPLSR are less than their corresponding criteria.

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

www.sqs.com.tw



Page: 61 of 92

10 INSTRUMENTS LIST

Equipment List									
Manufacturer	Device	Туре	Serial number	Date of last calibration	Date of next calibration				
SPEAG	Data acquisition Electronics	DAE4	1719	Jan/17/2024	Jan/16/2025				
SPEAG	Dosimetric E-Field Probe	EX3DV4	7642	Feb/21/2024	Feb/20/2025				
SPEAG	E-field Probe for Near Field Application	EUmmWV3	9399	Jan/23/2024	Jan/22/2025				
SPEAG	System Validation Dipole	D2450V2	728	Aug/28/2023	Aug/27/2024				
SPEAG	System Validation Dipole	D5GHzV2	1023	Jan/24/2024	Jan/23/2025				
SPEAG	System Validation Dipole	D6.5GHzV2	1006	Aug/16/2023	Aug/15/2024				
SPEAG	System Validation Dipole	D7GHzV2	1007	Aug/16/2023	Aug/15/2024				
SPEAG	5G Verification Source 10GHz	5G-Veri10	1070	Aug/08/2023	Aug/07/2024				
SPEAG	Dielectric Assessment Kit	DAKS-3.5	1053	Feb/21/2024	Feb/20/2025				
R&S	MXG Analog Signal Generator	SMB100A03	182012	May/21/2024	May/20/2025				
Agilent	Dual-directional coupler	772D	MY52180142	Oct/23/2023	Oct/22/2024				
Agilent	Dual-directional coupler	778D	MY52180302	Oct/23/2023	Oct/22/2024				
EMCI	Amplifier	ZHL-42	980189	Calibration not required	Calibration no required				
EMCI	Amplifier	ZVE-8G	980190	Calibration not required	Calibration no required				
R&S	Power Sensor	NRP18S	101973	Feb/27/2024	Feb/26/2025				
R&S	Power Meter	NRX	102191	Feb/27/2024	Feb/26/2025				
R&S	Power Sensor	NRP18S	109065	Oct/23/2023	Oct/22/2024				
SPEAG	Software	DASY 52 V52.10.4.152 7	N/A	Calibration not required	Calibration no required				
SPEAG	Software	DASY 6 V16.0.0.116	N/A	Calibration not required	Calibration no required				
SPEAG	Software	DASY 6 mmWave V2.4.2.62	N/A	Calibration not required	Calibration no required				
SPEAG	Phantom	ELI	N/A	Calibration not required	Calibration no required				
SPEAG	Phantom	mmWave Phantom	N/A	Calibration not required	Calibration no required				
LKM	Digital thermometer	DTM3000	EC14010603	Sep/27/2023	Sep/26/2024				
TECPEL	Digital thermometer	DTM-303A	TP130077	Sep/25/2023	Sep/24/2024				

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 62 of 92

11 UNCERTAINTY BUDGET

Measurement Uncertainty evaluation template for DUT SAR test (3-6G)

A	С	D	е		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probabili ty	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.55%	N	1	1	1	1	6.55%	6.55%	œ
Isotropy , Axial	3.50%	R	√3	1.732	1	1	2.02%	2.02%	œ
Isotropy, Hemispherical	9.60%	R	√3	1.732	1	1	5.54%	5.54%	œ
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	√3	1.732	1	1	0.58%	0.58%	œ
Linearity	4.70%	R	√3	1.732	1	1	2.71%	2.71%	œ
Detection Limits	1.00%	R	√3	1.732	1	1	0.58%	0.58%	œ
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	œ
Response time	0.80%	R	√3	1.732	1	1	0.46%	0.46%	00
Integration Time	2.60%	R	√3	1.732	1	1	1.50%	1.50%	00
Measurement drift (class A evaluation)	1.75%	R	√3	1.732	1	1	1.01%	1.01%	00
RF ambient condition - noise	3.00%	R	√3	1.732	1	1	1.73%	1.73%	œ
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	œ
Probe Positioning with respect to phantom shell	2.90%	R	√3	1.732	1	1	1.67%	1.67%	œ
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	œ
Max SAR Eval	1.00%	R	√3	1.732	1	1	0.58%	0.58%	œ
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	√3	1.732	1	1	2.89%	2.89%	œ
Phantom and Setup									
Phantom Uncertainty	4.00%	R	√3	1.732	1	1	2.31%	2.31%	œ
Liquid permittivity (mea.)	0.50%	N	1	1	0.64	0.43	0.32%	0.22%	М
Liquid Conductivity (mea.)	0.99%	N	1	1	0.6	0.49	0.59%	0.49%	М
Combined standard uncertainty		RSS					11.74%	11.72%	
Expant uncertainty (95% confidence interval),							23.47%	23.44%	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除北只方的时,此起生处田茂縣和建立建立,居时此接且茂原河の子。太祖华上海大河自東西地方,无可如此海剿。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 63 of 92

Measurement Uncertainty evaluation template for DUT SAR test (0.3-3G)

A	С	D	е		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probabili ty	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.00%	N	1	1	1	1	6.00%	6.00%	∞
Isotropy , Axial	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
lsotropy, Hemispherical	9.60%	R	√3	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	√3	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	√3	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	√3	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	√3	1.732	1	1	1.01%	1.01%	∞
RF ambient condition -	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	√3	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	√3	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	√3	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	0.38%	N	1	1	0.64	0.43	0.24%	0.16%	М
Liquid Conductivity (mea.)	2.70%	N	1	1	0.6	0.49	1.62%	1.32%	М
Combined standard uncertainty		RSS					11.53%	11.49%	
Expant uncertainty (95% confidence interval),							23.07%	22.97%	

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 64 of 92

DASY6 Uncertainty Budget According to IEC/IEEE 62209-1528 (Frequency band: 6GHz - 10GHz range)

	1	10.0					9-7	
а	b	С	d		е	е	f=b * e / d	f=b * e / d
Source of Uncertainty	Uncertainty Value (±%)	Probability Distributioin	Div.	Div. Value	(ci) 1g	(ci) 10g	Std. uncertainty (1g) (±%)	Std. uncertainty (10g) (±%)
Measurement system errors								
Probe calibration	18.6	N	2	2	1	1	9.3	9.3
Probe Calibration Drift	1.7	R	√3	1.732	1	1	1.0	1.0
Probe Linearity	4.7	R	√3	1.732	1	1	2.7	2.7
Broadband Signal	2.8	R	√3	1.732	1	1	1.6	1.6
Probe Isotropy	7.6	R	√3	1.732	1	1	4.4	4.4
Data Acquisition	0.3	N	1	1	1	1	0.3	0.3
RF Ambient	1.8	N	1	1	1	1	1.8	1.8
Probe positioning	0.2	N	1	1	0.67	0.67	0.1	0.1
Data Processing	3.5	N	1	1	1	1	3.5	3.5
Phantom and device errors		•					•	•
Conductivity (meas.)DAK	2.5	N	1	1	0.78	0.71	2.0	1.8
Conductivity (temp.)BB	2.4	R	√3	1.732	0.78	0.71	1.1	1.0
Phantom Permittivity	14.0	R	√3	1.732	0.5	0.5	4.0	4.0
Distance DUT - TSL	2.0	N	1	1	2	2	4.0	4.0
Device Positioning (±0.5mm)	1.0	N	1	1	1	1	1.0	1.0
Device Holder	3.6	N	1	1	1	1	3.6	3.6
DUT Modulationm	2.4	R	√3	1.732	1	1	1.4	1.4
Time-average SAR	0.0	R	√3	1.732	1	1	0.0	0.0
DUT drift	2.5	N	1	1	1	1	2.5	2.5
Val Antenna Unc.	0.0	N	1	1	1	1	0.0	0.0
Unc. Input Power	0.0	N	1	1	1	1	0.0	0.0
Correction to the SAR results								
Deviation to Target	1.90	N	1	1	1	0.84	1.9	1.6
SAR scaling		R	√3	1.732	1	1	0.0	0.0
Combined Std. uncertainty							14.0	13.9
Expanded Std. uncertainty (95% confidence interval), K=2							28.0	27.8

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除北只方的时,此起生处田茂縣和建立建立,居时此接且茂原河の子。太祖华上海大河自東西地方,无可如此海剿。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

S Taiwan Ltd. No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 份有限公司 t (886-2) 2299-3279 f (886-2) 2298-0488 www.sgs.com.tw



Page: 65 of 92

cDASY6 Module mmWave Uncertainty Budget for PD Evaluation Distances to the Antennas ≧λ/ 5 In Compliance with IEC/IEEE 63195

а	b	С	d		е	f=b * e / d	g
Source of Uncertainty	Uncertainty Value (+-dB)	Probability Distributioin	Div.	Div. Value	ci	Std. uncertainty (+-dB)	(vi) Veff
Uncertainty terms dependent on the	e measurement	system					
Probe calibration	0.49	N	1	1	1	0.49	œ
Probe correction	0.00	R	√3	1.732	1	0.00	œ
Frequency response (BW ≦1GHz)	0.20	R	√3	1.732	1	0.12	œ
Sensor cross coupling	0.00	R	√3	1.732	1	0.00	œ
Isotropy	0.50	R	√3	1.732	1	0.29	œ
Linearity	0.20	R	√3	1.732	1	0.12	œ
Probe scattering	0.00	R	√3	1.732	1	0.00	œ
Probe positioning offset	0.30	R	√3	1.732	1	0.17	∞
Probe positioning repeatability	0.04	R	√3	1.732	1	0.02	∞
Sensor mechanical offset	0.00	R	√3	1.732	1	0.00	00
Probe spatial resolution	0.00	R	√3	1.732	1	0.00	∞
Field impedance dependance	0.00	R	√3	1.732	1	0.00	∞
Amplitude and phase drift	0.00	R	√3	1.732	1	0.00	∞
Amplitude and phase noise	0.04	R	√3	1.732	1	0.02	∞
Measurement area truncation	0.00	R	√3	1.732	1	0.00	∞
Data acquisition	0.03	N	1	1	1	0.03	œ
Sampling	0.00	R	√3	1	1	0.00	œ
Field reconstruction	2.00	R	√3	1.732	1	1.15	œ
Forward transformation	0.00	R	√3	1.732	1	0.00	œ
Power density scaling	-	R	√3	1.732	1	-	œ
Spatial averaging	0.10	R	√3	1.732	1	0.06	œ
System detection limit	0.04	R	√3	1.732	1	0.02	œ
Uncertainty terms dependent on the	e DUT and envir	onmental facto	ors				
Probe coupling with DUT	0.00	R	√3	1.732	1	0.00	∞
Modulation response	0.40	R	√3	1.732	1	0.23	œ
Integration time	0.00	R	√3	1.732	1	0.00	œ
Response time	0.00	R	√3	1.732	1	0.00	œ
Device holder influence	0.10	R	√3	1.732	1	0.06	œ
DUT alignment	0.00	R	√3	1.732	1	0.00	œ
RF ambient conditions	0.04	R	√3	1.732	1	0.02	œ
Ambient reflections	0.04	R	√3	1.732	1	0.02	œ
Immunity / secondary reception	0.00	R	√3	1.732	1	0.00	œ
Drift of the DUT	-	R	√3	1.732	1	-	œ
Combined Std. uncertainty						1.33	
Expanded Std. uncertainty (95% confidence interval), K=2						2.67	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除北只方的时,此起生处田茂縣和建立建立,居时此接且茂原河の子。太祖华上海大河自東西地方,无可如此海剿。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 66 of 92

12 SAR MEASUREMENT RESULTS

Date: 2024/5/21

ID: 001

Report No.: TESA2405000293ES

WLAN 802.11b_Body_Top Edge_CH 1_0mm_Main

Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1.022

Medium parameters used: f = 2412 MHz; $\sigma = 1.813 \text{ S/m}$; $\varepsilon_r = 39.415$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 21.4°C

DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(7.74, 7.66, 7.62) @ 2412 MHz; Calibrated: 2024/2/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1719; Calibrated: 2024/1/17

Phantom: ELI

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.684 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.79 V/m; Power Drift = -0.13 dB

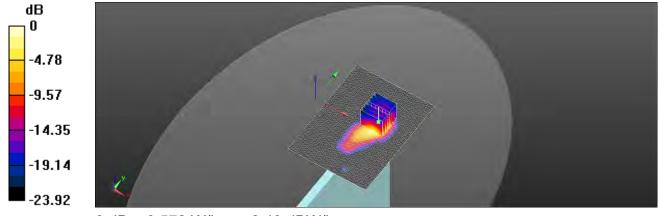
Peak SAR (extrapolated) = 0.821 W/kg

SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.144 W/kg

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 46.8%

Maximum value of SAR (measured) = 0.572 W/kg



0 dB = 0.572 W/kg = -2.43 dBW/kg

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

t (886-2) 2299-3279 台灣檢驗科技股份有限公司



Page: 67 of 92

Date: 2024/5/21

ID: 002

Report No.: TESA2405000293ES

Bluetooth(GFSK) Body Top Edge CH 39 0mm Main

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.237

Medium parameters used: f = 2441 MHz; $\sigma = 1.839 \text{ S/m}$; $\varepsilon_r = 39.363$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 21.4°C

DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(7.74, 7.66, 7.62) @ 2441 MHz; Calibrated: 2024/2/21

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2024/1/17
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.653 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.62 V/m; Power Drift = -0.17 dB

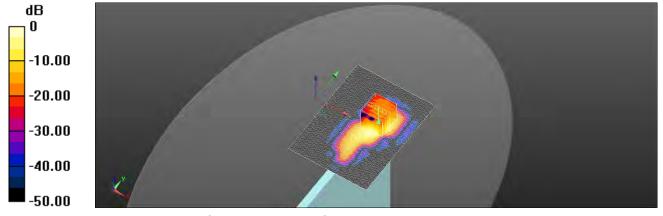
Peak SAR (extrapolated) = 0.656 W/kg

SAR(1 q) = 0.292 W/kq; SAR(10 q) = 0.115 W/kq

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 46.5%

Maximum value of SAR (measured) = 0.486 W/kg



0 dB = 0.486 W/kg = -3.13 dBW/kg

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司



Page: 68 of 92

Date: 2024/5/21

ID: 003

Report No.: TESA2405000293ES

WLAN 802.11b Body Top Edge CH 11 0mm Aux

Communication System: WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1.022

Medium parameters used: f = 2462 MHz; $\sigma = 1.857 \text{ S/m}$; $\varepsilon_r = 39.332$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 21.4°C

DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(7.74, 7.66, 7.62) @ 2462 MHz; Calibrated: 2024/2/21

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2024/1/17
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x91x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.458 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.120 V/m; Power Drift = -0.08 dB

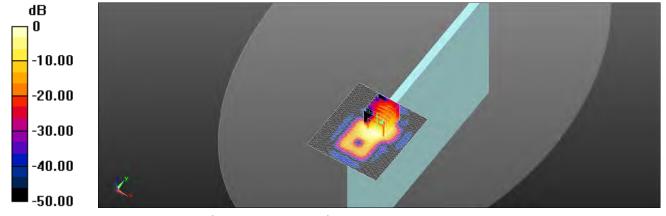
Peak SAR (extrapolated) = 0.525 W/kg

SAR(1 q) = 0.219 W/kq; SAR(10 q) = 0.082 W/kq

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 41.9%

Maximum value of SAR (measured) = 0.362 W/kg



0 dB = 0.362 W/kg = -4.41 dBW/kg

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 69 of 92

Date: 2024/5/21

ID: 004

Report No.: TESA2405000293ES

Bluetooth(GFSK) Body Top Edge CH 00 0mm Aux

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.237

Medium parameters used: f = 2402 MHz; $\sigma = 1.805 \text{ S/m}$; $\varepsilon_r = 39.432$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 21.4°C

DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(7.74, 7.66, 7.62) @ 2402 MHz; Calibrated: 2024/2/21

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2024/1/17
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (81x91x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0868 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.221 V/m; Power Drift = -0.12 dB

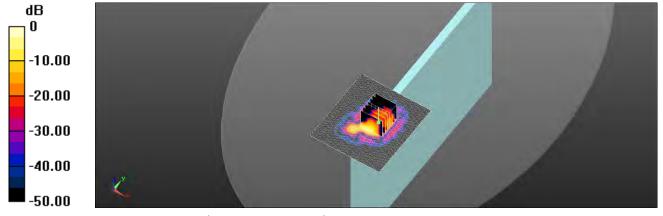
Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 q) = 0.072 W/kq; SAR(10 q) = 0.025 W/kq

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 47.3%

Maximum value of SAR (measured) = 0.119 W/kg



0 dB = 0.119 W/kg = -9.24 dBW/kg

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

> t (886-2) 2299-3279 f (886-2) 2298-0488



Page: 70 of 92

Date: 2024/5/22

ID: 005

Report No. :TESA2405000293ES

WLAN 802.11n(40M) 5.2G Body Top Edge CH 38 0mm MIMO

Communication System: WLAN; Frequency: 5190 MHz; Duty Cycle: 1:1.004

Medium parameters used: f = 5190 MHz; σ = 4.692 S/m; ε_r = 36.144; ρ = 1000 kg/m³

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.1°C

DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(5.78, 5.7, 5.67) @ 5190 MHz; Calibrated: 2024/2/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1719; Calibrated: 2024/1/17

Phantom: ELI

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x301x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.90 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 q) = 0.508 W/kq; SAR(10 q) = 0.170 W/kq

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 57.2%

Maximum value of SAR (measured) = 0.951 W/kg

Zoom Scan (7x7x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.90 V/m; Power Drift = -0.02 dB

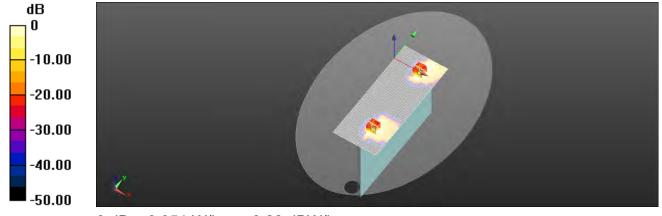
Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.151 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 58.3%

Maximum value of SAR (measured) = 0.823 W/kg



0 dB = 0.951 W/kg = -0.22 dBW/kg

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

t (886-2) 2299-3279



Page: 71 of 92

Date: 2024/5/22

ID: 006

Report No. :TESA2405000293ES

WLAN 802.11n(40M) 5.3G_Body_Top Edge_CH 54_0mm_MIMO

Communication System: WLAN; Frequency: 5270 MHz; Duty Cycle: 1:1.004

Medium parameters used: f = 5270 MHz; $\sigma = 4.774 \text{ S/m}$; $\varepsilon_r = 36.053$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.1°C

DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(5.78, 5.7, 5.67) @ 5270 MHz; Calibrated: 2024/2/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1719; Calibrated: 2024/1/17

Phantom: ELI

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x301x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.71 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.92 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.156 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 55.1%

Maximum value of SAR (measured) = 0.949 W/kg

Zoom Scan (7x7x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.92 V/m; Power Drift = -0.11 dB

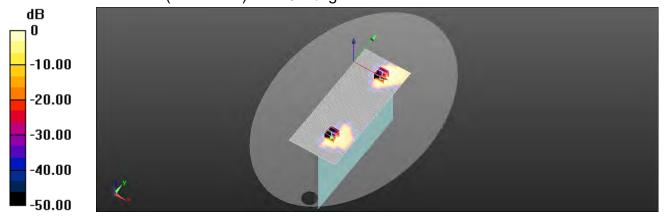
Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.190 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 54.6%

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除北只有铅明,此起华红用陈彤测过了薛里名李,同既此楼里陈尼阿四千。大起华土德大八司事五英可,不可测心掉剩。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.



Page: 72 of 92

Date: 2024/5/23

ID: 007

Report No.: TESA2405000293ES

WLAN 802.11ac(80M) 5.6G Body Top Edge CH 106 0mm MIMO

Communication System: WLAN; Frequency: 5530 MHz; Duty Cycle: 1:1.008

Medium parameters used: f = 5530 MHz; $\sigma = 5.045 \text{ S/m}$; $\varepsilon_r = 35.756$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.3°C

DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(5.04, 4.93, 4.88) @ 5530 MHz; Calibrated: 2024/2/21

- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1719; Calibrated: 2024/1/17
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x301x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.79 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 13.77 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 q) = 0.556 W/kq; SAR(10 q) = 0.184 W/kq

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 53%

Maximum value of SAR (measured) = 1.08 W/kg

Zoom Scan (7x7x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 13.77 V/m; Power Drift = -0.14 dB

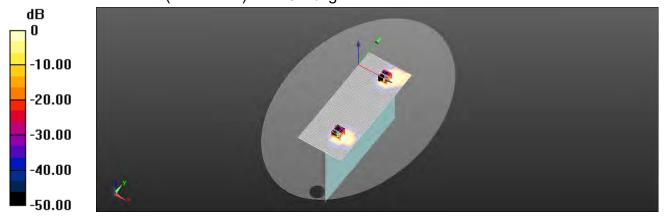
Peak SAR (extrapolated) = 2.48 W/kg

SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.177 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 52%

Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

f (886-2) 2298-0488



Page: 73 of 92

Date: 2024/5/23

ID: 008

Report No.: TESA2405000293ES

WLAN 802.11ac(80M) 5.8G Body Top Edge CH 155 0mm MIMO

Communication System: WLAN; Frequency: 5775 MHz; Duty Cycle: 1:1.008

Medium parameters used: f = 5775 MHz; $\sigma = 5.297 \text{ S/m}$; $\varepsilon_r = 35.476$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.3°C

DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(5.19, 5.1, 5.07) @ 5775 MHz; Calibrated: 2024/2/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1719; Calibrated: 2024/1/17

Phantom: ELI

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x301x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.68 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.68 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.91 W/kg

SAR(1 q) = 0.649 W/kq; SAR(10 q) = 0.192 W/kq

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 52.5%

Maximum value of SAR (measured) = 1.25 W/kg

Zoom Scan (7x7x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.68 V/m; Power Drift = -0.07 dB

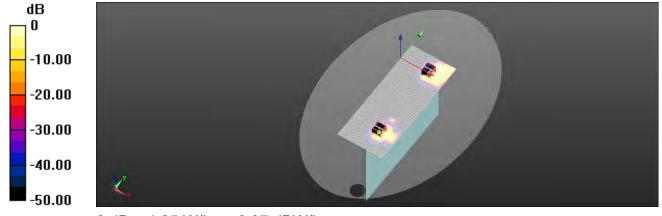
Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.156 W/kg

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 52.6%

Maximum value of SAR (measured) = 0.958 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 74 of 92

Date: 2024/5/23

ID: 009

Report No.: TESA2405000293ES

WLAN 802.11ac(80M) 5.9G_Body_Top Edge_CH 171_0mm_MIMO

Communication System: WLAN; Frequency: 5855 MHz; Duty Cycle: 1:1.008

Medium parameters used: f = 5855 MHz; $\sigma = 5.38$ S/m; $\varepsilon_r = 35.384$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.3°C

DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(5.19, 5.1, 5.07) @ 5855 MHz; Calibrated: 2024/2/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1719; Calibrated: 2024/1/17

Phantom: ELI

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x301x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.85 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.93 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.97 W/kg

SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.219 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 50.7%

Maximum value of SAR (measured) = 1.36 W/kg

Zoom Scan (7x7x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.93 V/m; Power Drift = -0.09 dB

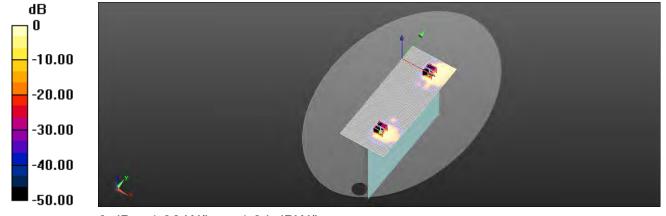
Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.168 W/kg

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 50.9%

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有铅明,此数华红用摄影测过之样只有景,同时此样只属是例如子。太极生土概太公司电荷实可,因可如公指制。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

GS Taiwan Ltd. _| No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

www.sgs.com.tw



Page: 75 of 92

ID: 010

Report No.: TESA2405000293ES

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Body_Top Edge_CH 31_0mm_MIMO

Ambient temperature: 22.7°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance	Frequency [MHZ],Channel	Conversion	TSL Conductivity	TSL
	[mm]	Number	Factor	[S/m]	Permittivity
Flat, HSL	Top Edge, 0.00	6105.0, 31	5.64	5.641	35.092

Hardware Setup

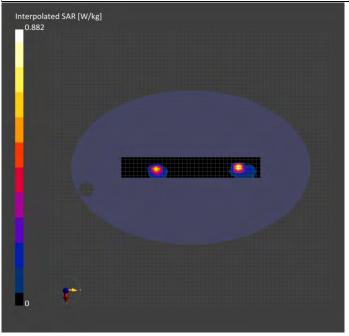
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20DEG PROBE TILT)	EX3DV4 - SN7642, 2024-02-21	DAE4 Sn1719, 2024-01-17

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.0 x 340.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

indudation to the transfer of				
	Area Scan	Zoom Scan		
Date	2024-05-24	2024-05-24		
psSAR1g [W/kg]	0.631	0.725		
psSAR8g [W/kg]	0.230	0.261		
psSAR10g [W/kg]	0.201	0.228		
psPDab (4.0cm2, sq) [W/m2]		5.23		
Power Drift [dB]	-0.16	-0.06		
M2/M1 [%]		57.0		
Dist 3dB Peak [mm]		6.8		



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有铅明,此報华结甲攝影測建立幾只有著,同時世幾只攝展例の主。大報华主概太公司書面對可,不可可以複劃。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司



Page: 76 of 92

ID: 011

Report No.: TESA2405000293ES

Measurement Report_U-NII-5 6.2GHz 802.11be(320M)_Body_Top Edge_CH 63_0mm_MIMO

Ambient temperature: 22.7°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance	Frequency [MHZ],Channel	Conversion	TSL Conductivity	TSL
	[mm]	Number	Factor	[S/m]	Permittivity
Flat, HSL	Top Edge, 0.00	6265.0, 63	5.64	5.809	34.9

Hardware Setup

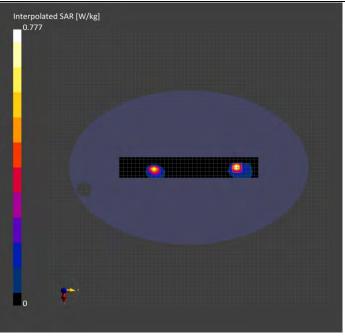
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20DEG PROBE TILT)	EX3DV4 - SN7642, 2024-02-21	DAE4 Sn1719, 2024-01-17

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.0 x 340.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

in out out of the out				
	Area Scan	Zoom Scan		
Date	2024-05-24	2024-05-24		
psSAR1g [W/kg]	0.564	0.641		
psSAR8g [W/kg]	0.202	0.230		
psSAR10g [W/kg]	0.176	0.200		
psPDab (4.0cm2, sq) [W/m2]		4.59		
Power Drift [dB]	-0.18	-0.07		
M2/M1 [%]		56.1		
Dist 3dB Peak [mm]		6.8		



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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 77 of 92

ID: 012

Report No.: TESA2405000293ES

Measurement Report_U-NII-6 6.5GHz 802.11be(320M)_Body_Top Edge_CH 95_0mm_MIMO

Ambient temperature: 22.7°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance	Frequency [MHZ],Channel	Conversion	TSL Conductivity	TSL
	[mm]	Number	Factor	[S/m]	Permittivity
Flat, HSL	Top Edge, 0.00	6425.0, 95	5.64	5.979	34.708

Hardware Setup

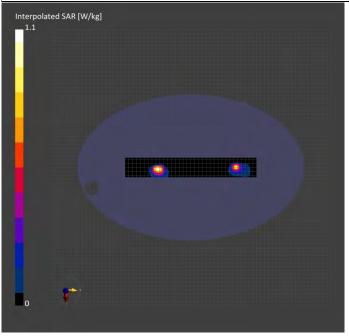
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20DEG PROBE TILT)	EX3DV4 - SN7642, 2024-02-21	DAE4 Sn1719, 2024-01-17

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.0 x 340.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

indudation to the transfer of				
	Area Scan	Zoom Scan		
Date	2024-05-24	2024-05-24		
psSAR1g [W/kg]	0.822	0.849		
psSAR8g [W/kg]	0.316	0.330		
psSAR10g [W/kg]	0.279	0.290		
psPDab (4.0cm2, sq) [W/m2]		6.59		
Power Drift [dB]	-0.09	-0.10		
M2/M1 [%]		56.2		
Dist 3dB Peak [mm]		6.5		



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有铅明,此数些结甲磺胺别对关键具色素,同既此类具属是例如于。大数型生产概太从司隶而统可,不可如必遏制。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司



Page: 78 of 92

ID: 013

Report No.: TESA2405000293ES

Measurement Report_U-NII-7 6.7GHz 802.11ax(80M)_Body_Top Edge_CH 167_0mm_MIMO

Ambient temperature: 22.7°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance	Frequency [MHZ],Channel	Conversion	TSL Conductivity	TSL
	[mm]	Number	Factor	[S/m]	Permittivity
Flat, HSL	Top Edge, 0.00	6785.0, 167	5.64	6.364	34.276

Hardware Setup

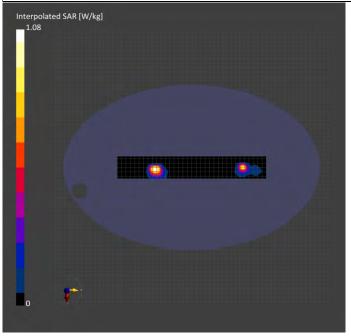
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20DEG PROBE TILT)	EX3DV4 - SN7642, 2024-02-21	DAE4 Sn1719, 2024-01-17

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.0 x 340.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-24	2024-05-24
psSAR1g [W/kg]	0.856	0.868
psSAR8g [W/kg]	0.331	0.338
psSAR10g [W/kg]	0.291	0.298
psPDab (4.0cm2, sq) [W/m2]		6.76
Power Drift [dB]	0.16	0.15
M2/M1 [%]		53.9
Dist 3dB Peak [mm]		6.8



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有铅明,此報华结甲攝影測建立幾只有著,同時世幾只攝展例の主。大報华主概太公司書面對可,不可可以複劃。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

JOS Talwari Etd.



Page: 79 of 92

ID: 014

Report No.: TESA2405000293ES

Measurement Report_U-NII-8 7.0GHz 802.11be(320M)_Body_Top Edge_CH 191_0mm_MIMO

Ambient temperature: 23.0°C; Liquid temperature: 21.8°C

Exposure Conditions

Phantom Section, TSL Position, Test Distance		Frequency [MHZ],Channel	Conversion	TSL Conductivity	TSL
	[mm]	Number	Factor	[S/m]	Permittivity
Flat, HSL	Top Edge, 0.00	6905.0, 191	5.75	6.493	34.132

Hardware Setup

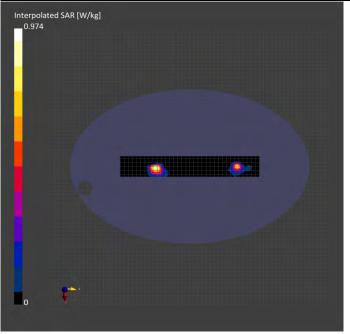
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20DEG PROBE TILT)	EX3DV4 - SN7642, 2024-02-21	DAE4 Sn1719, 2024-01-17

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.0 x 340.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

Medsarement Resarts		
	Area Scan	Zoom Scan
Date	2024-05-26	2024-05-26
psSAR1g [W/kg]	0.783	0.766
psSAR8g [W/kg]	0.300	0.301
psSAR10g [W/kg]	0.264	0.265
psPDab (4.0cm2, sq) [W/m2]		6.02
Power Drift [dB]	-0.18	-0.06
M2/M1 [%]		52.7
Dist 3dB Peak [mm]		7.3



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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司



Page: 80 of 92

13 PD MEASUREMENT RESULTS

Report No.: TESA2405000293ES

Measurement Report_Top Edge, U-NII-5, MIMO

IEEE 802.11be(320MHz, MCS0, 99pc duty cycle), Channel 31 (6105.0 MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Conversion Factor
5G	Top Edge, 2.00	1.0

Hardware Setup

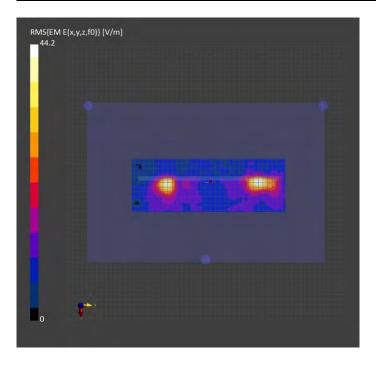
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1076	Air -	EUmmWV3 - SN9399 F1-55GHz, 2024-01-23	DAE4 Sn1719, 2024-01-17

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	110.0 x 320.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Date	2024-05-27
Avg. Area [cm ²]	4.00
psPDn+ [W/m²]	1.64
psPDtot+ [W/m²]	1.71
psPDmod+ [W/m²]	2.31
E _{max} [V/m]	44.2
Power Drift [dB]	-0.15



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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format

documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 81 of 92

ID: 016

Report No.: TESA2405000293ES

Measurement Report_Top Edge, U-NII-5, MIMO

IEEE 802.11be(320MHz, MCS0, 99pc duty cycle), Channel 63 (6265.0 MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Conversion Factor
5G	Top Edge, 2.00	1.0

Hardware Setup

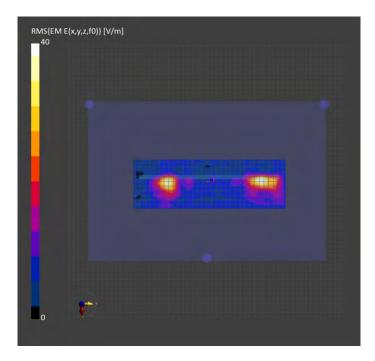
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1076	Air -	EUmmWV3 - SN9399_F1-55GHz, 2024-01-23	DAE4 Sn1719, 2024-01-17

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	100.0 x 320.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0

Measurement Results

indudui dindir. i roduito	
5G Scan	
2024-05-27	
4.00	
1.24	
1.43	
1.85	
40.0	
0.12	



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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司



Page: 82 of 92

ID: 017

Report No.: TESA2405000293ES

Measurement Report_Top Edge, U-NII-6, MIMO

IEEE 802.11be(320MHz, MCS0, 99pc duty cycle), Channel 95 (6425.0 MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Conversion Factor
5G	Top Edge, 2.00	1.0

Hardware Setup

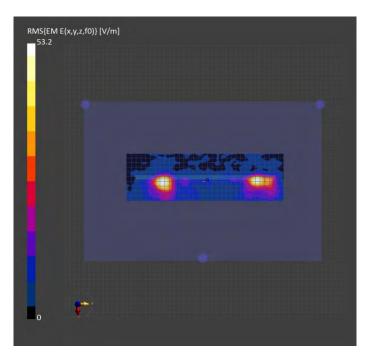
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1076	Air -	EUmmWV3 - SN9399_F1-55GHz, 2024-01-23	DAE4 Sn1719, 2024-01-17

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	100.0 x 330.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0

Measurement Results

measurement results	
Scan Type	5G Scan
Date	2024-05-27
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.64
psPDtot+ [W/m²]	2.17
psPDmod+ [W/m²]	3.01
E _{max} [V/m]	53.2
Power Drift [dB]	-0.16



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有验明,此就是结果保护则是是各种的。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 83 of 92

ID: 018

Report No.: TESA2405000293ES

Measurement Report_Top Edge, U-NII-7, MIMO

IEEE 802.11ax(80MHz, MCS0, 99pc duty cycle), Channel 167 (6785.0 MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Conversion Factor
5G	Top Edge, 2.00	1.0

Hardware Setup

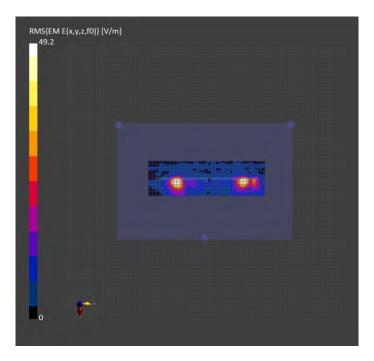
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1076	Air -	EUmmWV3 - SN9399_F1-55GHz, 2024-01-23	DAE4 Sn1719, 2024-01-17

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	100.0 x 330.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0

Measurement Results

modelation () Country	
5G Scan	
2024-05-27	
4.00	
1.79	
2.18	
2.66	
49.2	
0.15	



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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 84 of 92

ID: 019

Report No.: TESA2405000293ES

Measurement Report_Top Edge, U-NII-8, MIMO

IEEE 802.11be(320MHz, MCS0, 99pc duty cycle), Channel 191 (6905.0 MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Conversion Factor
5G	Top Edge, 2.00	1.0

Hardware Setup

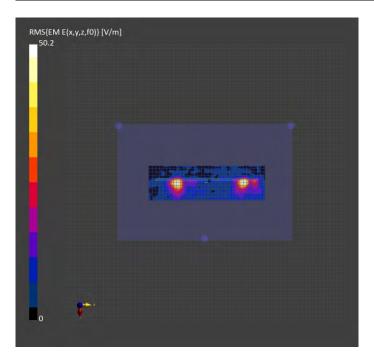
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1076	Air -	EUmmWV3 - SN9399_F1-55GHz, 2024-01-23	DAE4 Sn1719, 2024-01-17

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	100.0 x 330.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0

Measurement Results

mode di cinoni i cocunto	
Scan Type	5G Scan
Date	2024-05-27
Avg. Area [cm ²]	4.00
psPDn+ [W/m²]	3.00
psPDtot+ [W/m²]	3.66
psPDmod+ [W/m²]	4.14
E _{max} [V/m]	50.2
Power Drift [dB]	-0.11



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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 85 of 92

14 SAR SYSTEM CHECK RESULTS

Date: 2024/5/21

Report No.: TESA2405000293ES

Dipole 2450 MHz SN:728

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2450 MHz; $\sigma = 1.847 \text{ S/m}$; $\epsilon r = 39.347$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 21.4°C

DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(7.74, 7.66, 7.62) @ 2450 MHz; Calibrated: 2024/2/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1719; Calibrated: 2024/1/17

Phantom: ELI

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x61x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 22.3 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 97.48 V/m: Power Drift = 0.04 dB

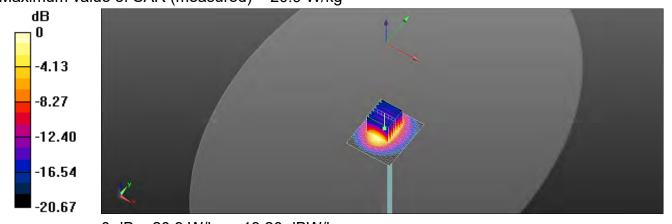
Peak SAR (extrapolated) = 27.9 W/kg

SAR(1 g) = 13.9 W/kg; SAR(10 g) = 6.59 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 59.5%

Maximum value of SAR (measured) = 20.9 W/kg



0 dB = 20.9 W/kg = 13.20 dBW/kg

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司



Page: 86 of 92

Date: 2024/5/22

Report No.: TESA2405000293ES Dipole 5250 MHz_SN:1023

Communication System: CW; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5250 MHz; $\sigma = 4.754 \text{ S/m}$; $\varepsilon_r = 36.076$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.1°C

DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(5.78, 5.7, 5.67) @ 5250 MHz; Calibrated: 2024/2/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1719; Calibrated: 2024/1/17

Phantom: ELI

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 15.8 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 49.41 V/m; Power Drift = 0.01 dB

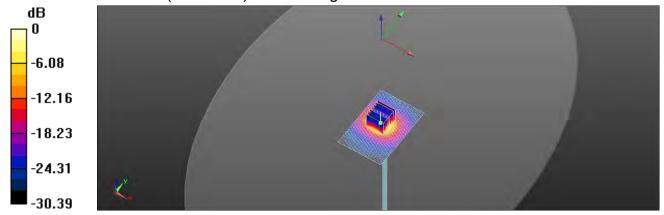
Peak SAR (extrapolated) = 26.5 W/kg

SAR(1 g) = 7.73 W/kg; SAR(10 g) = 2.22 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 60.3%

Maximum value of SAR (measured) = 15.6 W/kg



0 dB = 15.6 W/kg = 11.94 dBW/kg

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format

documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 f (886-2) 2298-0488 t (886-2) 2299-3279 台灣檢驗科技股份有限公司



Page: 87 of 92

Date: 2024/5/23

Report No.: TESA2405000293ES Dipole 5600 MHz_SN:1023

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5600 MHz; $\sigma = 5.117 \text{ S/m}$; $\varepsilon_r = 35.676$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.3°C

DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(5.04, 4.93, 4.88) @ 5600 MHz; Calibrated: 2024/2/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1719; Calibrated: 2024/1/17

Phantom: ELI

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 18.1 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 58.09 V/m; Power Drift = 0.07 dB

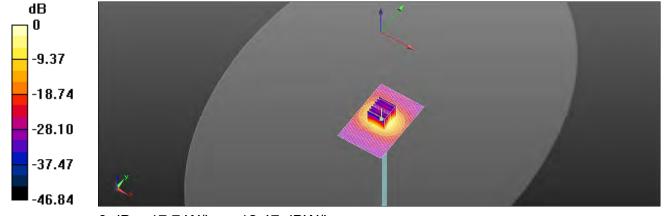
Peak SAR (extrapolated) = 36.0 W/kg

SAR(1 g) = 8.33 W/kg; SAR(10 g) = 2.33 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 53.1%

Maximum value of SAR (measured) = 17.7 W/kg



0 dB = 17.7 W/kg = 12.47 dBW/kg

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司



Page: 88 of 92

Date: 2024/5/23

Report No.: TESA2405000293ES Dipole 5750 MHz_SN:1023

Communication System: CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5750 MHz; $\sigma = 5.271 \text{ S/m}$; $\varepsilon_r = 35.504$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 21.3°C

DASY5 Configuration:

Probe: EX3DV4 - SN7642; ConvF(5.19, 5.1, 5.07) @ 5750 MHz; Calibrated: 2024/2/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1719; Calibrated: 2024/1/17

Phantom: ELI

DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 18.2 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 59.56 V/m; Power Drift = -0.07 dB

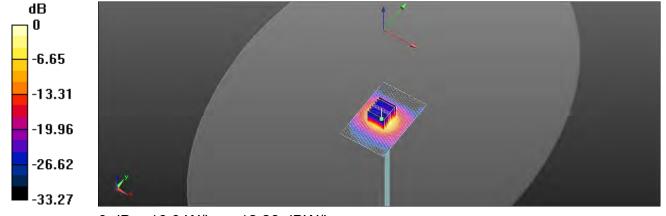
Peak SAR (extrapolated) = 29.3 W/kg

SAR(1 g) = 8.33 W/kg; SAR(10 g) = 2.41 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 58.8%

Maximum value of SAR (measured) = 16.9 W/kg



0 dB = 16.9 W/kg = 12.28 dBW/kg

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司



Page: 89 of 92

Report No.: TESA2405000293ES

Measurement Report Dipole_D6500-SN:1006

Ambient temperature: 22.7°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 5.00	5.64	6.059	34.618

Hardware Setup

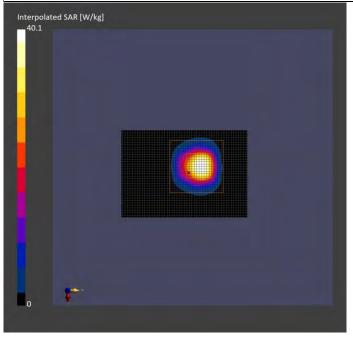
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt)	EX3DV4 - SN7642, 2024-02-21	DAE4 Sn1719, 2024-01-17

Scans Setup

	Area Scan	Zoom Scan		
Grid Extents [mm]	36.0 x 51.0	22.0 x 222.0 x 22.0		
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4		
Sensor Surface [mm]	3.0	1.4		

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-25	2024-05-25
psSAR1g [W/kg]	25.3	29.1
psSAR8g [W/kg]	6.33	6.53
psSAR10g [W/kg]	5.23	5.35
psPDab (4.0cm2, sq) [W/m2]		131
Power Drift [dB]	-0.11	-0.02
M2/M1 [%]		50.8
Dist 3dB Peak [mm]		4.8



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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Page: 90 of 92

Report No.: TESA2405000293ES

Measurement Report Dipole_D7000-SN:1007

Ambient temperature: 23.0°C; Liquid temperature: 21.8°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 5.00	5.75	6.596	34.018

Hardware Setup

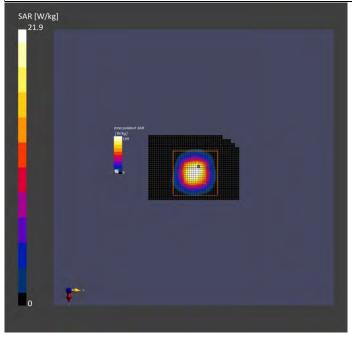
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt)	EX3DV4 - SN7642, 2024-02-21	DAE4 Sn1719, 2024-01-17

Scans Setup

	Area Scan	Zoom Scan		
Grid Extents [mm]	36.0 x 45.0	22.0 x 22.0 x 22.0		
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4		
Sensor Surface [mm]	3.0	1.4		

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-26	2024-05-26
psSAR1g [W/kg]	25.1	26.4
psSAR8g [W/kg]	5.56	5.65
psSAR10g [W/kg]	4.58	4.62
psPDab (4.0cm2, sq) [W/m2]		113
Power Drift [dB]	0.06	0.06
M2/M1 [%]		48.2
Dist 3dB Peak [mm]		4.6



除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

JOJ Talwait Etu.



Page: 91 of 92

15 PD SYSTEM CHECK RESULTS

Report No.: TESA2405000293ES

Measurement Report

5G Verification Source 10GHz-SN:1070

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Conversion Factor
5G	FRONT, 10.00	1.0

Hardware Setup

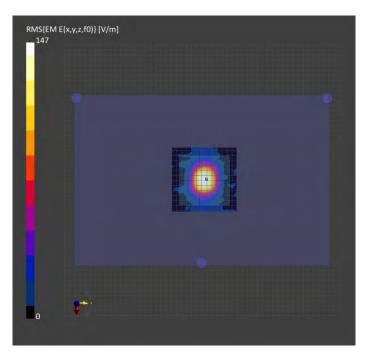
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1076	Air -	EUmmWV3 - SN9399_F1-55GHz, 2024-01-23	DAE4 Sn1719, 2024-01-17

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Measurement Nesatts		
5G Scan		
2024-05-27		
1.00		
50.9		
51.0		
51.2		
144		
0.08		



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非只有铅明,此報华结甲攝影測建立幾只有著,同時世幾只攝展例の主。大報华主概太公司書面對可,不可可以複劃。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

S Taiwan Ltd. No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

www.sqs.com.tw



Page: 92 of 92

Refer to separated files for the following appendixes.

- 16.1 SAR_Appendix A Photographs
- 16.2 SAR Appendix B DAE & Probe Cal. Certificate
- SAR Appendix C Phantom Description & Dipole Cal. Certificate 16.3

- End of report -

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.