

# ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT



**Applicant:** MediaTek Inc.  
No. 1, Dusing 1st Rd., Hsinchu Science Park Hsinchu City,  
30078 Taiwan

**Product Name:** 2TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card

**Brand Name:** MediaTek

**Model No.:** MT7922A22M

**Model Difference:** N/A

**Report Number:** E2/2021/C0069

**FCC ID** RAS-MT7922A22M

**Issue Date:** February 8, 2022

**Date of Test:** December 20, 2021 ~ January 20, 2022

**Date of EUT Received:** December 10, 2021

Approved By \_\_\_\_\_

Vito Pei

## We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10:2013 and the energy emitted by the sample EUT comply with FCC rule part §15.407.

The results of this report relate only to the sample identified in this 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.

## Revision History

| Report Number | Revision | Description | Issue Date       | Revised By | Remark |
|---------------|----------|-------------|------------------|------------|--------|
| E2/2021/C0069 | 00       | Original    | February 8, 2022 | Yuri Tsai  |        |
|               |          |             |                  |            |        |
|               |          |             |                  |            |        |
|               |          |             |                  |            |        |
|               |          |             |                  |            |        |
|               |          |             |                  |            |        |
|               |          |             |                  |            |        |

**Note:**

- 1、The remark "\*\*\*" indicates modification of the report upon requests from certification body.

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.

## Contents

|   |                                      |    |
|---|--------------------------------------|----|
| 1 | GENERAL INFORMATION .....            | 4  |
| 2 | SYSTEM TEST CONFIGURATION .....      | 8  |
| 3 | SUMMARY OF TEST RESULT .....         | 10 |
| 4 | DESCRIPTION OF TEST MODES .....      | 11 |
| 5 | MEASUREMENT UNCERTAINTY .....        | 17 |
| 6 | MEASUREMENT EQUIPMENT USED .....     | 18 |
| 7 | MAXIMUM OUTPUT POWER .....           | 20 |
| 8 | UNDESIRABLE RADIATED EMISSIONS ..... | 26 |

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.

## 1 GENERAL INFORMATION

### 1.1 Product Description

|                              |  |
|------------------------------|--|
| Product Name:                | Notebook Computer  |
| Brand Name:                  | <i>acer</i>  |
| Model No. of FCC Host:       | N22C2  |
| Model No. of BT/WLAN Module: | MT7922A22M   |
| Class II Permissive change:  | 2TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card INSTALLED IN Notebook Computer |
| Power Supply:                | 15.4Vdc from Rechargeable Li-ion Battery or 19.5Vdc from AC/DC Adapter     |

### 1.2 Modulation & Data Rate

|                  |                                    |
|------------------|------------------------------------|
| Modulation type: | 64QAM, 16QAM, QPSK, BPSK for OFDM  |
|                  | 1024QAM for OFDMA in 802.11ax only |
| Transition Rate: | 802.11 a: 6 - 54 Mbps              |
|                  | 802.11 ax_20MHz: 8.6 - 286.8 Mbps  |
|                  | 802.11 ax_40MHz: 17.2 - 573.6 Mbps |
|                  | 802.11 ax_80MHz: 36 - 1201 Mbps    |
|                  | 802.11 ax_160MHz: 68 - 2402 Mbps   |

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.

### 1.3 Antenna Designation

| Antenna Type | Supplier | Main / Aux | Antenna Part No.           | Freq. (MHz) | Peak Antenna Gain (dBi) | Directional Gain (dBi) |
|--------------|----------|------------|----------------------------|-------------|-------------------------|------------------------|
| PIFA         | WNC      | Main       | 81EABS15.G09 (DC33002NN00) | 5925~6425   | 1.41                    | 4.44                   |
|              |          |            |                            | 6425~6525   | 1.28                    | 4.38                   |
|              |          |            |                            | 6525~6875   | 0.99                    | 3.73                   |
|              |          |            |                            | 6875~7125   | 1.88                    | 4.21                   |
| PIFA         | WNC      | Aux        | 81EABS15.G10 (DC33002NN10) | 5925~6425   | 1.45                    | 4.44                   |
|              |          |            |                            | 6425~6525   | 1.45                    | 4.38                   |
|              |          |            |                            | 6525~6875   | 0.44                    | 3.73                   |
|              |          |            |                            | 6875~7125   | 0.46                    | 4.21                   |

#### Note:

1. Pre-scanned was done on the above antennas, measurements were demonstrated by using the antenna with the highest gain as the worst case scenarios.
2. Antenna information is provided by the applicant.

### 1.4 Rated Power

| WLAN 6E    |                 |          |                                     |
|------------|-----------------|----------|-------------------------------------|
| Wi-Fi      | Frequency Range | Channels | Rated Power(Avg) (dBm) (Worst Case) |
| a<br>20MHz | 5955~6415       | 24       | 3.63 dBm                            |
|            | 6435~6515       | 5        | 3.97 dBm                            |
|            | 6535~6875       | 18       | 3.87 dBm                            |
|            | 6895~7115       | 12       | 4.01 dBm                            |

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.

| WLAN 6E      |                 |          |  |
|--------------|-----------------|----------|--|
| Wi-Fi        | Frequency Range | Channels | Rated Power(Avg)<br>(dBm) (Worst Case) |
| ax_HE 20MHz  | 5955~6415       | 24       | 4.11 dBm                               |
|              | 6435~6515       | 5        | 4.72 dBm                               |
|              | 6535~6875       | 18       | 4.65 dBm                               |
|              | 6895~7115       | 12       | 4.82 dBm                               |
| ax_HE 40MHz  | 5965~6405       | 12       | 6.37 dBm                               |
|              | 6445~6525       | 3        | 6.75 dBm                               |
|              | 6565~6845       | 8        | 6.38 dBm                               |
|              | 6885~7085       | 6        | 6.86 dBm                               |
| ax_HE 80MHz  | 5985~6385       | 6        | 9.90 dBm                               |
|              | 6465            | 1        | 10.10 dBm                              |
|              | 6545~6865       | 5        | 10.13 dBm                              |
|              | 6945~7025       | 2        | 10.09 dBm                              |
| ax_HE 160MHz | 6025~6345       | 3        | 12.37 dBm                              |
|              | 6505            | 1        | 12.88 dBm                              |
|              | 6665~6825       | 2        | 12.00 dBm                              |
|              | 6985            | 1        | 12.58 dBm                              |

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.

## 1.6 Test Methodology of Applied Standards

FCC Part 15, Subpart E §15.407

FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v01r01

FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

ANSI C63.10:2013

## 1.7 Test Facility

| Laboratory  | Test Site Address   | Test Site Name | FCC Designation number | IC CAB identifier |
|---|---|----------------|------------------------|-------------------|
| SGS Taiwan Ltd.<br>Central RF Lab.<br>(TAF code 3702) | No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan. | SAC 1          | TW0027                 | TW3702            |
|   |   | SAC 3          |                        |                   |
|   |   | Conduction 1   |                        |                   |
|   |   | Conducted 1    |                        |                   |
|   |   | Conducted 2    |                        |                   |
|   |   | Conducted 3    |                        |                   |
|   |   | Conducted 4    |                        |                   |
|   |   | Conducted 5    |                        |                   |
|   |   | Conducted 6    |                        |                   |
|   | No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333                            | Conduction C   | TW0028                 |                   |
|   |   | SAC C          |                        |                   |
|   |   | SAC D          |                        |                   |
|   |   | SAC G          |                        |                   |
|   |   | Conducted A    |                        |                   |
|   |   | Conducted B    |                        |                   |
|   |   | Conducted C    |                        |                   |
|   |   | Conducted D    |                        |                   |
|   |   | Conducted E    |                        |                   |
|   |   | Conducted F    |                        |                   |
|   |   | Conducted G    |                        |                   |

**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.

## 1.8 Special Accessories

There are no special accessories used while test was conducted.

## 1.9 Equipment Modifications

There was no modification incorporated into the EUT.

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.

## 2 SYSTEM TEST CONFIGURATION

### 2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

### 2.2 EUT Exercise

An engineering test mode (software/firmware) that applicant provided was utilized to manipulate the EUT into transmit, selection of the test channel, and modulation scheme.

### 2.3 Test Procedure

#### 2.3.1 Conducted Test (RF)

The active antenna port of the unlicensed wireless device is connected to the spectrum analyzer with attenuator to protect the instrumentation. If a second antenna port is available, it is tested at one operating frequency, with other port(s) appropriately terminated, to verify it has similar output characteristics as the fully tested port.

#### 2.3.2 Radiated Emissions

The EUT is placed on a turn table. For emissions testing at or below 1 GHz, the table height shall be 0.8 m above the reference ground plane. For emission measurements above 1 GHz, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.

### 2.4 Measurement Results Explanation Example

#### 2.4.1 Radiated Emission Test Sites For Measurements From 9 kHz To 30 MHz

Radiated emission below 30MHz is measured in a 9m\*6m\*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

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.



## 2.4.2 For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuation factor between EUT conducted port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly EUT RF output level.

## 2.5 Test Configuration

Fig. 2-1 Radiated Emission Configuration



Fig. 2-2 Conducted (Antenna Port) Emission Configuration



## 2.6 Control Unit(s)

| Item | Equipment          | Mfr/Brand | Model/Type No. | Series No. | Data Cable | Power Cord |
|------|--------------------|-----------|----------------|------------|------------|------------|
| 1.   | WLAN Test Software | N/A       | N/A            | N/A        | N/A        | N/A        |

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.

### 3 SUMMARY OF TEST RESULT

| FCC Rules   | Description Of Test            | Result    |
|---|--------------------------------|-----------|
| §15.407(a)(4~8)                                       | Maximum Conducted Output Power | Compliant |
| §15.205<br>§15.209<br>§15.407(b)(5),(b)(8),<br>(b)(9) | Undesirable Radiated Emissions | Compliant |

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.

## 4 DESCRIPTION OF TEST MODES

### 4.1 Operating Frequencies

| UNII-5 5925~6425 MHz |             |    |             |       |             |       |             |        |             | UNII-6 6425~6525 MHz |             |       |             |       |             |        |             |    |             |
|----------------------|-------------|----|-------------|-------|-------------|-------|-------------|--------|-------------|----------------------|-------------|-------|-------------|-------|-------------|--------|-------------|----|-------------|
| 20MHz                |             |    |             | 40MHz |             | 80MHz |             | 160MHz |             | 20MHz                |             | 40MHz |             | 80MHz |             | 160MHz |             |    |             |
| CH                   | Freq. (MHz) | CH | Freq. (MHz) | CH    | Freq. (MHz) | CH    | Freq. (MHz) | CH     | Freq. (MHz) | CH                   | Freq. (MHz) | CH    | Freq. (MHz) | CH    | Freq. (MHz) | CH     | Freq. (MHz) | CH | Freq. (MHz) |
| 1                    | 5955        | 49 | 6195        | 3     | 5965        | 7     | 5985        | 15     | 6025        | 97                   | 6435        | 99    | 6445        | 103   | 6465        | 111    | 6505        |    |             |
| 5                    | 5975        | 53 | 6215        | 11    | 6005        | 23    | 6065        | 47     | 6185        | 101                  | 6455        | 107   | 6485        |       |             |        |             |    |             |
| 9                    | 5995        | 57 | 6235        | 19    | 6045        | 39    | 6145        | 79     | 6345        | 105                  | 6475        | 115   | 6525        |       |             |        |             |    |             |
| 13                   | 6015        | 61 | 6255        | 27    | 6085        | 55    | 6225        |        |             | 109                  | 6495        |       |             |       |             |        |             |    |             |
| 17                   | 6035        | 65 | 6275        | 35    | 6125        | 71    | 6305        |        |             | 113                  | 6515        |       |             |       |             |        |             |    |             |
| 21                   | 6055        | 69 | 6295        | 43    | 6165        | 87    | 6385        |        |             |                      |             |       |             |       |             |        |             |    |             |
| 25                   | 6075        | 73 | 6315        | 51    | 6205        |       |             |        |             |                      |             |       |             |       |             |        |             |    |             |
| 29                   | 6095        | 77 | 6335        | 59    | 6245        |       |             |        |             |                      |             |       |             |       |             |        |             |    |             |
| 33                   | 6115        | 81 | 6355        | 67    | 6285        |       |             |        |             |                      |             |       |             |       |             |        |             |    |             |
| 37                   | 6135        | 85 | 6375        | 75    | 6325        |       |             |        |             |                      |             |       |             |       |             |        |             |    |             |
| 41                   | 6155        | 89 | 6395        | 83    | 6365        |       |             |        |             |                      |             |       |             |       |             |        |             |    |             |
| 45                   | 6175        | 93 | 6415        | 91    | 6405        |       |             |        |             |                      |             |       |             |       |             |        |             |    |             |

| UNII-7 6525~6875 MHz |             |     |             |       |             |       |             |        |             | UNII-8 6875~7125 MHz |             |       |             |       |             |        |             |    |             |
|----------------------|-------------|-----|-------------|-------|-------------|-------|-------------|--------|-------------|----------------------|-------------|-------|-------------|-------|-------------|--------|-------------|----|-------------|
| 20MHz                |             |     |             | 40MHz |             | 80MHz |             | 160MHz |             | 20MHz                |             | 40MHz |             | 80MHz |             | 160MHz |             |    |             |
| CH                   | Freq. (MHz) | CH  | Freq. (MHz) | CH    | Freq. (MHz) | CH    | Freq. (MHz) | CH     | Freq. (MHz) | CH                   | Freq. (MHz) | CH    | Freq. (MHz) | CH    | Freq. (MHz) | CH     | Freq. (MHz) | CH | Freq. (MHz) |
| 117                  | 6535        | 153 | 6715        | 123   | 6565        | 119   | 6545        | 143    | 6665        | 189                  | 6895        | 187   | 6885        | 199   | 6945        | 207    | 6985        |    |             |
| 121                  | 6555        | 157 | 6735        | 131   | 6605        | 135   | 6625        | 175    | 6825        | 193                  | 6915        | 195   | 6925        | 215   | 7025        |        |             |    |             |
| 125                  | 6575        | 161 | 6755        | 139   | 6645        | 151   | 6705        |        |             | 197                  | 6935        | 203   | 6965        |       |             |        |             |    |             |
| 129                  | 6595        | 165 | 6775        | 147   | 6685        | 167   | 6785        |        |             | 201                  | 6955        | 211   | 7005        |       |             |        |             |    |             |
| 133                  | 6615        | 169 | 6795        | 155   | 6725        | 183   | 6865        |        |             | 205                  | 6975        | 219   | 7045        |       |             |        |             |    |             |
| 137                  | 6635        | 173 | 6815        | 163   | 6765        |       |             |        |             | 209                  | 6995        | 227   | 7085        |       |             |        |             |    |             |
| 141                  | 6655        | 177 | 6835        | 171   | 6805        |       |             |        |             | 213                  | 7015        |       |             |       |             |        |             |    |             |
| 145                  | 6675        | 181 | 6855        | 179   | 6845        |       |             |        |             | 217                  | 7035        |       |             |       |             |        |             |    |             |
| 149                  | 6695        | 185 | 6875        |       |             |       |             |        |             | 221                  | 7055        |       |             |       |             |        |             |    |             |
|                      |             |     |             |       |             |       |             |        |             | 225                  | 7075        |       |             |       |             |        |             |    |             |
|                      |             |     |             |       |             |       |             |        |             | 229                  | 7095        |       |             |       |             |        |             |    |             |
|                      |             |     |             |       |             |       |             |        |             | 233                  | 7115        |       |             |       |             |        |             |    |             |

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.

## 4.2 The Worst Test Modes and Channel Details

1. The EUT has been tested under operating condition.
2. Test program used to control the EUT for staying in continuous transmitting mode is programmed.
3. Investigation has been done on all the possible configurations for searching the worst case.

The gevin UE is pre-scanned among below modes.

| Modulation                                    | Transmission Chain                      |   |                              |                              | Single Transmission Spatial   | Multiple Transmission Spatial            |
|---|---|---|------------------------------|------------------------------|-------------------------------|--|
| <input checked="" type="checkbox"/> 802.11 a  | <input checked="" type="checkbox"/> Ch0 | <input checked="" type="checkbox"/> Ch1 | <input type="checkbox"/> Ch2 | <input type="checkbox"/> Ch3 | <input type="checkbox"/> 1TX  | <input checked="" type="checkbox"/> 2TX  |
| <input type="checkbox"/> 802.11 n             | <input type="checkbox"/> Ch0            | <input type="checkbox"/> Ch1            | <input type="checkbox"/> Ch2 | <input type="checkbox"/> Ch3 | <input type="checkbox"/> SISO | <input type="checkbox"/> MIMO            |
| <input type="checkbox"/> 802.11 ac            | <input type="checkbox"/> Ch0            | <input type="checkbox"/> Ch1            | <input type="checkbox"/> Ch2 | <input type="checkbox"/> Ch3 | <input type="checkbox"/> SISO | <input type="checkbox"/> MIMO            |
| <input checked="" type="checkbox"/> 802.11 ax | <input checked="" type="checkbox"/> Ch0 | <input checked="" type="checkbox"/> Ch1 | <input type="checkbox"/> Ch2 | <input type="checkbox"/> Ch3 | <input type="checkbox"/> SISO | <input checked="" type="checkbox"/> MIMO |

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.

4. Observations have been done for 802.11 ax available RU configurations below and found that the lowest, heighest and Full RU results higher emissions.  
Only one RU can be enabled at any given time.

| 802.11ax                      |      | 20MHz            |             |                    |                               | 802.11ax |              | 40MHz       |                    |            |  |
|-------------------------------|------|------------------|-------------|--------------------|-------------------------------|----------|--------------|-------------|--------------------|------------|--|
| RU type                       |      | 26-tone RU       |             | 52-tone RU         |                               | RU type  |              | 26-tone RU  |                    | 52-tone RU |  |
| RU index and subcarrier range | RU0  | [-121: -96]      | RU37        | [-121: -70]        | RU index and subcarrier range | RU0      | [-243: -218] | RU37        | [-243: -192]       |            |  |
|                               | RU1  | [-95: -70]       | RU38        | [-68: -17]         |                               | RU1      | [-217: -192] | RU38        | [-189: -138]       |            |  |
|                               | RU2  | [-68: -43]       | RU39        | [17: 68]           |                               | RU2      | [-189: -164] | RU39        | [-109: -58]        |            |  |
|                               | RU3  | [-42: -17]       | RU40        | [70: 121]          |                               | RU3      | [-163: -138] | RU40        | [-55: -4]          |            |  |
|                               | RU4  | [-16: -4, 4: 16] | RU41        | N/A                |                               | RU4      | [-136: -111] | RU41        | [4: 55]            |            |  |
|                               | RU5  | [17: 42]         | RU42        | N/A                |                               | RU5      | [-109: -84]  | RU42        | [58: 109]          |            |  |
|                               | RU6  | [43: 68]         | RU43        | N/A                |                               | RU6      | [-83: -58]   | RU43        | [138: 189]         |            |  |
|                               | RU7  | [70: 95]         | RU44        | N/A                |                               | RU7      | [-55: -30]   | RU44        | [192: 243]         |            |  |
|                               | RU8  | [96: 121]        | RU45        | N/A                |                               | RU8      | [-29: -4]    | RU45        | N/A                |            |  |
|                               | RU9  | N/A              | RU46        | N/A                |                               | RU9      | [4: 29]      | RU46        | N/A                |            |  |
|                               | RU10 | N/A              | RU47        | N/A                |                               | RU10     | [30: 55]     | RU47        | N/A                |            |  |
|                               | RU11 | N/A              | RU48        | N/A                |                               | RU11     | [58: 83]     | RU48        | N/A                |            |  |
|                               | RU12 | N/A              | RU49        | N/A                |                               | RU12     | [84: 109]    | RU49        | N/A                |            |  |
|                               | RU13 | N/A              | RU50        | N/A                |                               | RU13     | [111: 136]   | RU50        | N/A                |            |  |
|                               | RU14 | N/A              | RU51        | N/A                |                               | RU14     | [138: 163]   | RU51        | N/A                |            |  |
|                               | RU15 | N/A              | RU52        | N/A                |                               | RU15     | [164: 189]   | RU52        | N/A                |            |  |
|                               | RU16 | N/A              |             |                    |                               | RU16     | [192: 217]   |             |                    |            |  |
|                               | RU17 | N/A              | 106-tone RU |                    |                               | RU17     | [218: 243]   | 106-tone RU |                    |            |  |
|                               | RU18 | N/A              | RU53        | [-122: -17]        |                               | RU18     | N/A          | RU53        | [-243: -138]       |            |  |
|                               | RU19 | N/A              | RU54        | [17: 122]          |                               | RU19     | N/A          | RU54        | [-109: -4]         |            |  |
|                               | RU20 | N/A              | RU55        | N/A                |                               | RU20     | N/A          | RU55        | [4: 109]           |            |  |
|                               | RU21 | N/A              | RU56        | N/A                |                               | RU21     | N/A          | RU56        | [138: 243]         |            |  |
|                               | RU22 | N/A              | RU57        | N/A                |                               | RU22     | N/A          | RU57        | N/A                |            |  |
|                               | RU23 | N/A              | RU58        | N/A                |                               | RU23     | N/A          | RU58        | N/A                |            |  |
|                               | RU24 | N/A              | RU59        | N/A                |                               | RU24     | N/A          | RU59        | N/A                |            |  |
|                               | RU25 | N/A              | RU60        | N/A                |                               | RU25     | N/A          | RU60        | N/A                |            |  |
|                               | RU26 | N/A              |             |                    |                               | RU26     | N/A          |             |                    |            |  |
|                               | RU27 | N/A              | 242-tone RU |                    |                               | RU27     | N/A          | 242-tone RU |                    |            |  |
|                               | RU28 | N/A              | RU61        | [-122: -2, 2: 122] |                               | RU28     | N/A          | RU61        | [-244: -3]         |            |  |
|                               | RU29 | N/A              | RU62        | N/A                |                               | RU29     | N/A          | RU62        | [3: 244]           |            |  |
|                               | RU30 | N/A              | RU63        | N/A                |                               | RU30     | N/A          | RU63        | N/A                |            |  |
|                               | RU31 | N/A              | RU64        | N/A                |                               | RU31     | N/A          | RU64        | N/A                |            |  |
|                               | RU32 | N/A              |             |                    |                               | RU32     | N/A          |             |                    |            |  |
|                               | RU33 | N/A              |             |                    |                               | RU33     | N/A          | 484-tone RU |                    |            |  |
|                               | RU34 | N/A              |             |                    |                               | RU34     | N/A          | RU65        | [-244: -3, 3: 244] |            |  |
|                               | RU35 | N/A              |             |                    |                               | RU35     | N/A          | RU66        | N/A                |            |  |
| RU36                          | N/A  |                  |             | RU36               | N/A                           |          |              |             |                    |            |  |

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.

| 802.11ax                      | 80MHz      |                  |             |                    |
|-------------------------------|------------|------------------|-------------|--------------------|
| RU type                       | 26-tone RU |                  | 52-tone RU  |                    |
| RU index and subcarrier range | RU0        | [-499: -474]     | RU37        | [-499: -448]       |
|                               | RU1        | [-473: -448]     | RU38        | [-445: -394]       |
|                               | RU2        | [-445: -420]     | RU39        | [-365: -314]       |
|                               | RU3        | [-419: -394]     | RU40        | [-311: -260]       |
|                               | RU4        | [-392: -367]     | RU41        | [-257: -206]       |
|                               | RU5        | [-365: -340]     | RU42        | [-203: -152]       |
|                               | RU6        | [-339: -314]     | RU43        | [-123: -72]        |
|                               | RU7        | [-311: -286]     | RU44        | [-69: -18]         |
|                               | RU8        | [-285: -260]     | RU45        | [18: 69]           |
|                               | RU9        | [-257: -232]     | RU46        | [72: 123]          |
|                               | RU10       | [-231: -206]     | RU47        | [152: 203]         |
|                               | RU11       | [-203: -178]     | RU48        | [206: 257]         |
|                               | RU12       | [-177: -152]     | RU49        | [260: 311]         |
|                               | RU13       | [-150: -125]     | RU50        | [314: 365]         |
|                               | RU14       | [-123: -98]      | RU51        | [394: 445]         |
|                               | RU15       | [-97: -72]       | RU52        | [448: 499]         |
|                               | RU16       | [-69: -44]       | 106-tone RU |                    |
|                               | RU17       | [-43: -18]       | RU53        | [-499: -394]       |
|                               | RU18       | [-16: -4, 4: 16] | RU54        | [-365: -260]       |
|                               | RU19       | [18: 43]         | RU55        | [-257: -152]       |
|                               | RU20       | [44: 69]         | RU56        | [-123: -18]        |
|                               | RU21       | [72: 97]         | RU57        | [18: 123]          |
|                               | RU22       | [98: 123]        | RU58        | [152: 257]         |
|                               | RU23       | [125: 150]       | RU59        | [260: 365]         |
|                               | RU24       | [152: 177]       | RU60        | [394: 499]         |
|                               | RU25       | [178: 203]       | 242-tone RU |                    |
|                               | RU26       | [206: 231]       | RU61        | [-500: -259]       |
|                               | RU27       | [232: 257]       | RU62        | [-258: -17]        |
|                               | RU28       | [260: 285]       | RU63        | [17: 258]          |
|                               | RU29       | [286: 311]       | RU64        | [259: 500]         |
|                               | RU30       | [314: 339]       | 484-tone RU |                    |
|                               | RU31       | [340: 365]       | RU65        | [-500: -17]        |
|                               | RU32       | [367: 392]       | RU66        | [17: 500]          |
|                               | RU33       | [394: 419]       | 996-tone RU |                    |
|                               | RU34       | [420: 445]       | RU67        | [-500: -3, 3: 500] |
|                               | RU35       | [448: 473]       |             |                    |
|                               | RU36       | [474: 499]       |             |                    |

5. Therefore, below summary is the modes of test configuration that yield the highest reading and generate the highest emission chosen to carry out the relevantly mandatory test items.

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.

| RADIATED EMISSION TEST (BELOW 1 GHz) |                      |                   |                |            |                  |              |
|--------------------------------------|----------------------|-------------------|----------------|------------|------------------|--------------|
| MODE                                 | FREQUENCY BAND (MHz) | AVAILABLE CHANNEL | TESTED CHANNEL | MODULATION | DATA RATE (Mbps) | ANTENNA PORT |
| 802.11a                              | 5955~6415            | 1 to 93           | 45             | OFDM       | 6                | 2TX          |
|                                      | 6435~6515            | 97 to 113         | 105            |            |                  |              |
|                                      | 6535~6875            | 117 to 185        | 181            |            |                  |              |
|                                      | 6895~7115            | 189 to 233        | 213            |            |                  |              |
| 802.11ax_HE160                       | 6025~6345            | 15 to 79          | 47             | OFDMA      | MCS0             | Mimo         |
|                                      | 6505                 | 111               | 111            |            |                  |              |
|                                      | 6665~6825            | 143 to 175        | 143            |            |                  |              |
|                                      | 6985                 | 207               | 207            |            |                  |              |

| RADIATED EMISSION TEST (ABOVE 1 GHz) |                      |                   |                 |            |                  |              |
|--------------------------------------|----------------------|-------------------|-----------------|------------|------------------|--------------|
| MODE                                 | FREQUENCY BAND (MHz) | AVAILABLE CHANNEL | TESTED CHANNEL  | MODULATION | DATA RATE (Mbps) | ANTENNA PORT |
| 802.11a                              | 5955~6415            | 1 to 93           | 1,45,93         | OFDM       | 6                | 2TX          |
|                                      | 6435~6515            | 97 to 113         | 97,105,113      |            |                  |              |
|                                      | 6535~6875            | 117 to 185        | 117,153,181,185 |            |                  |              |
|                                      | 6895~7115            | 189 to 233        | 213,233         |            |                  |              |

| RADIATED EMISSION TEST (ABOVE 1 GHz) |                      |                   |                     |            |  |                  |              |
|--------------------------------------|----------------------|-------------------|---------------------|------------|--|------------------|--------------|
| MODE                                 | FREQUENCY BAND (MHz) | AVAILABLE CHANNEL | TESTED CHANNEL      | MODULATION | RU CONFIGURATI                                       | DATA RATE (Mbps) | ANTENNA PORT |
| 802.11ax_HE20                        | 5955~6415            | 1 to 93           | 1,45,93             | OFDMA      | FULL RU<br>26/0,26/8<br>52/37,52/40<br>106/53,106/54 | MCS0             | Mimo         |
|                                      | 6435~6515            | 97 to 113         | 97,105,113          |            |  |                  |              |
|                                      | 6535~6875            | 117 to 185        | 117,153,181,185     |            |  |                  |              |
|                                      | 6895~7115            | 189 to 233        | 213,233             |            |  |                  |              |
| 802.11ax_HE40                        | 5965~6405            | 3 to 91           | 3,43,91             | OFDMA      | FULL RU<br>242/61,242/62                             | MCS0             | Mimo         |
|                                      | 6445~6525            | 99 to 115         | 99,107,115          |            |  |                  |              |
|                                      | 6565~6845            | 123 to 179        | 123,155,179         |            |  |                  |              |
|                                      | 6885~7085            | 187 to 227        | 187,211,227         |            |  |                  |              |
| 802.11ax_HE80                        | 5985~6385            | 7 to 87           | 7,39,87             | OFDMA      | FULL RU<br>484/65,484/66                             | MCS0             | Mimo         |
|                                      | 6465                 | 103               | 103                 |            |  |                  |              |
|                                      | 6545~6865            | 119 to 183        | 119,135,151,167,183 |            |  |                  |              |
|                                      | 6945~7025            | 199 to 215        | 199,215             |            |  |                  |              |
| 802.11ax_HE160                       | 6025~6345            | 15 to 79          | 15,47,79            | OFDMA      | FULL RU<br>484/65,484/66                             | MCS0             | Mimo         |
|                                      | 6505                 | 111               | 111                 |            |  |                  |              |
|                                      | 6665~6825            | 143 to 175        | 143,175             |            |  |                  |              |
|                                      | 6985                 | 207               | 207                 |            |  |                  |              |

# Note:

The field strength of radiated emission was measured as the EUT positioned in different orthogonal planes (E1/E2/H) based on actual usage of the EUT to pre-scan the emissions for determining the worst case scenario.

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.

| CONDUCTED TEST |                         |                      |                   |            |                     |                 |
|----------------|-------------------------|----------------------|-------------------|------------|---------------------|-----------------|
| MODE           | FREQUENCY<br>BAND (MHz) | AVAILABLE<br>CHANNEL | TESTED<br>CHANNEL | MODULATION | DATA RATE<br>(Mbps) | ANTENNA<br>PORT |
| 802.11a        | 5955~6415               | 1 to 93              | 1,45,93           | OFDM       | 6                   | 2TX             |
|                | 6435~6515               | 97 to 113            | 97,105,113        |            |                     |                 |
|                | 6535~6875               | 117 to 185           | 117,153,181,185   |            |                     |                 |
|                | 6895~7115               | 189 to 233           | 213,233           |            |                     |                 |

| CONDUCTED TEST |                         |                      |                     |            |  |                     |                 |
|----------------|-------------------------|----------------------|---------------------|------------|--|---------------------|-----------------|
| MODE           | FREQUENCY<br>BAND (MHz) | AVAILABLE<br>CHANNEL | TESTED<br>CHANNEL   | MODULATION | RU<br>CONFIGURATI                                    | DATA RATE<br>(Mbps) | ANTENNA<br>PORT |
| 802.11ax_HE20  | 5955~6415               | 1 to 93              | 1,45,93             | OFDMA      | FULL RU<br>26/0,26/8<br>52/37,52/40<br>106/53,106/54 | MCS0                | Mimo            |
|                | 6435~6515               | 97 to 113            | 97,105,113          |            |  |                     |                 |
|                | 6535~6875               | 117 to 185           | 117,153,181,185     |            |  |                     |                 |
|                | 6895~7115               | 189 to 233           | 213,233             |            |  |                     |                 |
| 802.11ax_HE40  | 5965~6405               | 3 to 91              | 3,43,91             | OFDMA      | FULL RU<br>242/61,242/62                             | MCS0                | Mimo            |
|                | 6445~6525               | 99 to 115            | 99,107,115          |            |  |                     |                 |
|                | 6565~6845               | 123 to 179           | 123,155,179         |            |  |                     |                 |
|                | 6885~7085               | 187 to 227           | 187,211,227         |            |  |                     |                 |
| 802.11ax_HE80  | 5985~6385               | 7 to 87              | 7,39,87             | OFDMA      | FULL RU<br>484/65,484/66                             | MCS0                | Mimo            |
|                | 6465                    | 103                  | 103                 |            |  |                     |                 |
|                | 6545~6865               | 119 to 183           | 119,135,151,167,183 |            |  |                     |                 |
|                | 6945~7025               | 199 to 215           | 199,215             |            |  |                     |                 |
| 802.11ax_HE160 | 6025~6345               | 15 to 79             | 15,47,79            | OFDMA      | FULL RU<br>484/65,484/66                             | MCS0                | Mimo            |
|                | 6505                    | 111                  | 111                 |            |  |                     |                 |
|                | 6665~6825               | 143 to 175           | 143,175             |            |  |                     |                 |
|                | 6985                    | 207                  | 207                 |            |  |                     |                 |

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.



## 5 MEASUREMENT UNCERTAINTY

| Test Items               | Uncertainty |
|--------------------------|-------------|
| Output Power measurement | +/- 1 dB    |

| Radiated Spurious Emission Measurement Uncertainty |     |         |                 |
|--|-----|---------|-----------------|
| Polarization: Vertical                             | +/- | 2.64 dB | 9kHz~30MHz      |
|  | +/- | 4.93 dB | 30MHz - 1000MHz |
|  | +/- | 4.81 dB | 1GHz - 18GHz    |
|  | +/- | 4.52 dB | 18GHz - 40GHz   |
| Polarization: Horizontal                           | +/- | 2.64 dB | 9kHz~30MHz      |
|  | +/- | 4.45 dB | 30MHz - 1000MHz |
|  | +/- | 4.81 dB | 1GHz - 18GHz    |
|  | +/- | 4.52 dB | 18GHz - 40GHz   |

### Note:

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
2. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

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.

## 6 MEASUREMENT EQUIPMENT USED

### 6.1 Conducted Measurement

| Conducted Emission Test Site: Conducted B |            |                     |               |            |            |
|---|------------|---------------------|---------------|------------|------------|
| EQUIPMENT TYPE                            | MFR        | MODEL NUMBER        | SERIAL NUMBER | LAST CAL.  | CAL DUE.   |
| Spectrum Analyzer                         | KEYSIGHT   | N9010A              | MY51440113    | 07/13/2021 | 07/12/2022 |
| Test Software                             | SGS Taiwan | Radio Test Software | Ver.21        | N.C.R      | N.C.R      |
| Attenuator                                | Marvelous  | MVE2213-10          | RF06          | 11/18/2021 | 11/17/2022 |
| DC Block                                  | PASTERNAK  | PE8210              | RF158         | 11/18/2021 | 11/17/2022 |
| Coaxial Cables                            | Woken      | 00100A1F1A185C      | RF87          | 11/18/2021 | 11/17/2022 |
| Power Meter                               | Anritsu    | ML2496A             | 1512003       | 07/27/2021 | 07/26/2022 |
| Power Meter                               | Anritsu    | ML2496A             | 1804002       | 04/14/2021 | 04/13/2022 |
| Power Meter                               | Anritsu    | ML2496A             | 1326001       | 08/12/2021 | 08/11/2022 |

**NOTE:** N.C.R refers to Not Calibrated 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.

## 6.2 Radiated Measurement

| Radiated Emission Test Site: SAC G |                 |                                |                                |            |            |
|------------------------------------|-----------------|--------------------------------|--------------------------------|------------|------------|
| EQUIPMENT TYPE                     | MFR             | MODEL NUMBER                   | SERIAL NUMBER                  | LAST CAL.  | CAL DUE.   |
| Broadband Antenna                  | SCHWAZBECK      | VULB 9168                      | 1206                           | 02/22/2021 | 02/21/2022 |
| Horn Antenna                       | Schwarzbeck     | BBHA9170                       | 185                            | 08/06/2021 | 08/05/2022 |
| Horn Antenna                       | Schwarzbeck     | DRH18-E                        | 210105A18E                     | 04/09/2021 | 04/08/2022 |
| Loop Antenna                       | ETS.LINDGREN    | 6502                           | 143303                         | 05/07/2021 | 05/06/2022 |
| 3m Site NSA                        | SGS             | 966 chamber G                  | N/A                            | 03/30/2021 | 03/29/2022 |
| Spectrum Analyzer                  | KEYSIGHT        | N9010A                         | MY57120200                     | 03/22/2021 | 03/21/2022 |
| Test Software                      | audix           | e3                             | E3 20923 SGS Ver.9 ( C )       | N.C.R      | N.C.R      |
| Pre-Amplifier                      | EMC Instruments | EMC330N                        | 980781                         | 03/15/2021 | 03/14/2022 |
| Pre-Amplifier                      | EMC Instruments | EMC118A45SE                    | 980815                         | 03/15/2021 | 03/14/2022 |
| Pre-Amplifier                      | EMC Instruments | EMC184045B                     | 980135                         | 10/27/2021 | 10/26/2022 |
| Highpass Filter                    | WI              | WHKX10-2624-3200-1800-80SS     | 1                              | 05/10/2021 | 05/09/2022 |
| Highpass Filter                    | WI              | WHKX10-6090-7000-17000-80SS    | 1                              | 05/10/2021 | 05/09/2022 |
| Coaxial Cable                      | EMC Instruments | EMCCFD400-NM-NM-8000-5000-2000 | 210216 、<br>210217 、<br>210218 | 03/15/2021 | 03/14/2022 |
| Coaxial Cable                      | EMC Instruments | EMC104-SM-SM-8000-5000-5000    | 210219 、<br>210220 、<br>210221 | 03/15/2021 | 03/14/2022 |
| Coaxial Cable                      | EMC Instruments | EMC105-NM-NM-5000-15000        | 210224 、<br>210306             | 03/15/2021 | 03/14/2022 |

**NOTE:** N.C.R refers to Not Calibrated 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.

## 7 MAXIMUM OUTPUT POWER

### 7.1 Standard Applicable

#### 7.1.1 Duty Cycle

Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle.

All duty cycle is pre-scanned, and result as obtained below shows only the most representative ones where duty cycle is conducted as the given transmission with given virtual operation that expresses the percentage.

#### 7.1.2 Output Power

§15.407(a)

- (4) For a standard power access point and fixed client device operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm.  
For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).
- (5) For an indoor access point operating in the 5.925-7.125 GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.
- (6) For a subordinate device operating under the control of an indoor access point in the 5.925-7.125 GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.
- (7) For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.
- (8) For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

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.

| EUT CATEGORY                        |                       | Equip-<br>ment<br>Class | §15.407(a)   |
|-------------------------------------|-----------------------|-------------------------|--|
| <input type="checkbox"/>            | Standard Access Point | 6SD                     | EIRP < 36dBm and antenna angle above 30 de-<br>grees < 21dBm EIRP for outdoor use                                  |
| <input type="checkbox"/>            | indoor Access Point   | 6ID                     | EIRP < 30dBm   |
| <input type="checkbox"/>            | Subordinate Device    | 6PP                     | EIRP < 30dBm   |
| <input type="checkbox"/>            | Fixed Client          | 6FC                     | EIRP < 36dBm and antenna angle above 30 de-<br>grees < 21dBm EIRP for outdoor use                                  |
| <input checked="" type="checkbox"/> | Indoor Client         | 6XD                     | EIRP < 24dBm   |
| <input type="checkbox"/>            | Standard Client       | 6FX                     | EIRP < 30dBm<br>no more than 6 dB below its associated standard<br>power access point's authorized trans-mit power |
| <input type="checkbox"/>            | Dual Client           | 6CD                     | Compliance both indoor client and standard client<br>limit   |

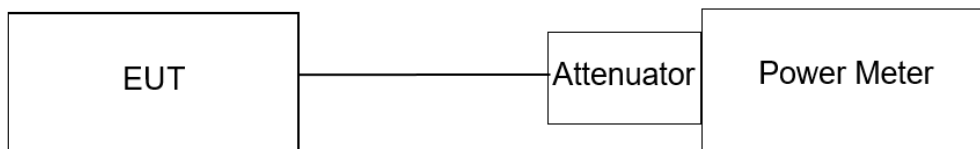
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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。

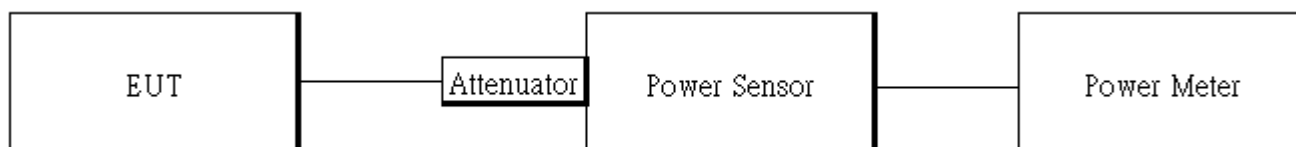
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

## 7.2 Test Setup

### 7.2.1 Duty Cycle



### 7.2.2 Output Power



#### Note:

As per section F. 2). e). (ii) of FCC KDB 662911 D01

If antenna gains are not equal and each transmit antenna is driven by only one spatial stream, directional gain may be calculated by either of the following formulas.

$$DirectionalGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

NSS = the number of independent spatial streams of data;

NANT = the total number of antennas

$g_{j,k} = 10^{G_k/20}$  if the kth antenna is being fed by spatial stream j, or zero if it is not;

$G_k$  is the gain in dBi of the kth antenna.

The antenna gain is not greater than 6 dBi. Therefore, reduction of power is not required.

## 7.3 Measurement Procedure

### 7.3.1 Duty Cycle

1. Set span = Zero
2. RBW = 8MHz
3. VBW = 8MHz,
4. Detector = Peak

### 7.3.2 Output Power

1. Place the EUT on the table and set it in transmitting mode.

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.

2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the power meter
4. Power Meter is used as the auxiliary test equipment to conduct the output power measurement.
5. Record the max. reading and add 10 log(1/duty cycle).
6. Repeat above procedures until all frequency (low, middle, and high channel) measured were complete.
7. MIMO mode: offset is set with "measure and add 10 Log (N)" to measurement for MIMO mode. Offset = cable loss + 10 log (N), where N is number of transmitting antenna, cable loss is specified below.

## 7.4 Measurement Result

### 7.4.1 Conducted output power

#### 802.11a\_2Tx

| CH  | Frequency (MHz) | AVERAGE POWER (dBm) |       | TOTAL POWER +Factor (dBm) | Antenna Gain (dBi) | EIRP (dBm) | REQUIRED EIRP LIMIT (dBm) | RESULT |
|-----|-----------------|---------------------|-------|---------------------------|--------------------|------------|---------------------------|--------|
|     |                 | CH 0                | CH 1  |                           |                    |            |                           |        |
| 1   | 5955            | 0.36                | 0.07  | 3.36                      | 4.44               | 7.798      | 24                        | PASS   |
| 45  | 6175            | 0.25                | 0.28  | 3.41                      | 4.44               | 7.845      | 24                        | PASS   |
| 93  | 6415            | 0.51                | 0.46  | 3.63                      | 4.44               | 8.065      | 24                        | PASS   |
| 97  | 6435            | 0.32                | 0.04  | 3.32                      | 4.38               | 7.703      | 24                        | PASS   |
| 105 | 6475            | 1.08                | 0.57  | 3.97                      | 4.38               | 8.353      | 24                        | PASS   |
| 113 | 6515            | 0.91                | 0.45  | 3.83                      | 4.38               | 8.206      | 24                        | PASS   |
| 117 | 6535            | 0.30                | 0.52  | 3.55                      | 3.73               | 7.282      | 24                        | PASS   |
| 153 | 6715            | 0.60                | 0.35  | 3.62                      | 3.73               | 7.347      | 24                        | PASS   |
| 181 | 6855            | 0.31                | 0.39  | 3.49                      | 3.73               | 7.220      | 24                        | PASS   |
| 185 | 6875(U-NII 7)   | -2.26               | -2.31 | 0.73                      | 3.73               | 4.455      | 24                        | PASS   |
| 185 | 6875(U-NII 8)   | -5.27               | -2.31 | -0.53                     | 4.21               | 3.677      | 24                        | PASS   |
| 213 | 7015            | 0.74                | 1.00  | 4.01                      | 4.21               | 8.222      | 24                        | PASS   |
| 233 | 7115            | 0.41                | 0.52  | 3.61                      | 4.21               | 7.816      | 24                        | PASS   |

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.

## 802.11ax\_20\_MIMO

| CH  | Frequency (MHz) | RU config. | AVERAGE POWER (dBm) |        | TOTAL POWER +Factor (dBm) | Antenna Gain (dBi) | EIRP (dBm) | REQUIRED EIRP LIMIT (dBm) | RESULT |
|-----|-----------------|------------|---------------------|--------|---------------------------|--------------------|------------|---------------------------|--------|
|     |                 |            | CH 0                | CH 1   |                           |                    |            |                           |        |
| 1   | 5955            | full       | 0.01                | 0.46   | 4.11                      | 4.44               | 8.551      | 24                        | PASS   |
|     |                 | 26/0       | -8.14               | -8.01  | -4.20                     | 4.44               | 0.236      | 24                        | PASS   |
|     |                 | 106/53     | -3.12               | -2.77  | 0.93                      | 4.44               | 5.369      | 24                        | PASS   |
| 45  | 6175            | full       | 0.32                | 0.15   | 4.11                      | 4.44               | 8.546      | 24                        | PASS   |
| 93  | 6415            | full       | -0.15               | 0      | 3.80                      | 4.44               | 8.236      | 24                        | PASS   |
|     |                 | 26/8       | -8.11               | -8.45  | -4.41                     | 4.44               | 0.034      | 24                        | PASS   |
|     |                 | 106/54     | -2.58               | -2.81  | 1.18                      | 4.44               | 5.617      | 24                        | PASS   |
| 97  | 6435            | full       | 0.71                | 0.61   | 4.53                      | 4.38               | 8.911      | 24                        | PASS   |
|     |                 | 26/0       | -8.03               | -8.53  | -4.40                     | 4.38               | -0.023     | 24                        | PASS   |
|     |                 | 106/53     | -2.39               | -2.8   | 1.28                      | 4.38               | 5.660      | 24                        | PASS   |
| 105 | 6475            | full       | 0.93                | 0.52   | 4.60                      | 4.38               | 8.980      | 24                        | PASS   |
| 113 | 6515            | full       | 1.01                | 0.68   | 4.72                      | 4.38               | 9.098      | 24                        | PASS   |
| 117 | 6535            | full       | 0.01                | 0.05   | 3.90                      | 3.73               | 7.630      | 24                        | PASS   |
|     |                 | 26/0       | -8.05               | -8.35  | -4.33                     | 3.73               | -0.597     | 24                        | PASS   |
|     |                 | 106/53     | -2.66               | -2.76  | 1.16                      | 3.73               | 4.891      | 24                        | PASS   |
| 153 | 6715            | full       | -0.07               | -0.42  | 3.63                      | 3.73               | 7.359      | 24                        | PASS   |
| 181 | 6855            | full       | -0.32               | 0.14   | 3.79                      | 3.73               | 7.516      | 24                        | PASS   |
|     |                 | 26/8       | -8.12               | -8.44  | -4.41                     | 3.73               | -0.677     | 24                        | PASS   |
|     |                 | 106/54     | -2.83               | -2.6   | 1.16                      | 3.73               | 4.887      | 24                        | PASS   |
| 185 | 6875(U-NII 7)   | full       | -2.43               | -2.03  | 0.78                      | 3.73               | 4.515      | 24                        | PASS   |
| 185 | 6875(U-NII 8)   | full       | -5.44               | -2.03  | -0.40                     | 4.21               | 3.811      | 24                        | PASS   |
| 213 | 7015            | full       | 0.66                | 1.22   | 4.82                      | 4.21               | 9.029      | 24                        | PASS   |
| 233 | 7115            | full       | -3.3                | -2.81  | 0.82                      | 4.21               | 5.032      | 24                        | PASS   |
|     |                 | 26/8       | -13.12              | -12.25 | -8.79                     | 4.21               | -4.583     | 24                        | PASS   |
|     |                 | 52/40      | -8.92               | -8.31  | -4.73                     | 4.21               | -0.524     | 24                        | PASS   |
|     |                 | 106/54     | -7.03               | -6.28  | -2.77                     | 4.21               | 1.441      | 24                        | PASS   |

## 802.11ax\_40\_MIMO

| CH  | Frequency (MHz) | RU config. | AVERAGE POWER (dBm) |       | TOTAL POWER +Factor (dBm) | Antenna Gain (dBi) | EIRP (dBm) | REQUIRED EIRP LIMIT (dBm) | RESULT |
|-----|-----------------|------------|---------------------|-------|---------------------------|--------------------|------------|---------------------------|--------|
|     |                 |            | CH 0                | CH 1  |                           |                    |            |                           |        |
| 3   | 5965            | full       | 1.42                | 1.57  | 5.36                      | 4.44               | 9.796      | 24                        | PASS   |
| 43  | 6165            | full       | 2.37                | 2.57  | 6.33                      | 4.44               | 10.771     | 24                        | PASS   |
| 91  | 6405            | full       | 2.47                | 2.55  | 6.37                      | 4.44               | 10.810     | 24                        | PASS   |
| 99  | 6445            | full       | 2.99                | 2.79  | 6.75                      | 4.38               | 11.131     | 24                        | PASS   |
| 107 | 6485            | full       | 2.97                | 2.59  | 6.64                      | 4.38               | 11.024     | 24                        | PASS   |
| 115 | 6525(U-NII 6)   | full       | 0.15                | -0.44 | 2.88                      | 4.38               | 7.255      | 24                        | PASS   |
| 115 | 6525(U-NII 7)   | full       | -2.86               | -0.44 | 1.53                      | 3.73               | 5.256      | 24                        | PASS   |
| 123 | 6565            | full       | 2.39                | 2.65  | 6.38                      | 3.73               | 10.112     | 24                        | PASS   |
| 155 | 6725            | full       | 2.38                | 2.48  | 6.29                      | 3.73               | 10.021     | 24                        | PASS   |
| 179 | 6845            | full       | 2.14                | 2.33  | 6.10                      | 3.73               | 9.826      | 24                        | PASS   |
| 187 | 6885(U-NII 7)   | full       | -3.40               | -3.48 | -0.43                     | 3.73               | 3.299      | 24                        | PASS   |
| 187 | 6885(U-NII 8)   | full       | -4.55               | 1.67  | 2.60                      | 4.21               | 6.812      | 24                        | PASS   |
| 211 | 7005            | full       | 2.63                | 3.21  | 6.79                      | 4.21               | 11.000     | 24                        | PASS   |
| 227 | 7085            | full       | 2.82                | 3.17  | 6.86                      | 4.21               | 11.069     | 24                        | PASS   |

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.



## 802.11ax\_80\_MIMO

| CH  | Frequency (MHz) | RU config. | AVERAGE POWER (dBm) |       | TOTAL POWER +Factor (dBm) | Antenna Gain (dBi) | EIRP (dBm) | REQUIRED EIRP LIMIT (dBm) | RESULT |
|-----|-----------------|------------|---------------------|-------|---------------------------|--------------------|------------|---------------------------|--------|
|     |                 |            | CH 0                | CH 1  |                           |                    |            |                           |        |
| 7   | 5985            | full       | 5.63                | 5.11  | 9.29                      | 4.44               | 13.728     | 24                        | PASS   |
| 39  | 6145            | full       | 5.1                 | 5.29  | 9.11                      | 4.44               | 13.546     | 24                        | PASS   |
| 87  | 6385            | full       | 5.85                | 6.12  | 9.90                      | 4.44               | 14.337     | 24                        | PASS   |
| 103 | 6465            | full       | 6.61                | 5.72  | 10.10                     | 4.38               | 14.478     | 24                        | PASS   |
| 119 | 6545(U-NII 6)   | full       | 0.40                | -0.66 | 2.91                      | 4.38               | 7.291      | 24                        | PASS   |
| 119 | 6545(U-NII 7)   | full       | -0.79               | 4.36  | 5.52                      | 3.73               | 9.250      | 24                        | PASS   |
| 135 | 6625            | full       | 6.07                | 6.36  | 10.13                     | 3.73               | 13.858     | 24                        | PASS   |
| 151 | 6705            | full       | 5.56                | 4.97  | 9.19                      | 3.73               | 12.915     | 24                        | PASS   |
| 167 | 6785            | full       | 5.43                | 4.92  | 9.09                      | 3.73               | 12.823     | 24                        | PASS   |
| 183 | 6865(U-NII 7)   | full       | 3.29                | 3.81  | 6.57                      | 3.73               | 10.298     | 24                        | PASS   |
| 183 | 6865(U-NII 8)   | full       | -1.04               | 1.50  | 3.43                      | 4.21               | 7.636      | 24                        | PASS   |
| 199 | 6945            | full       | 5.62                | 6.67  | 10.09                     | 4.21               | 14.297     | 24                        | PASS   |
| 215 | 7025            | full       | 5.17                | 5.29  | 9.14                      | 4.21               | 13.351     | 24                        | PASS   |

## 802.11ax\_160\_MIMO

| CH  | Frequency (MHz) | RU config. | AVERAGE POWER (dBm) |       | TOTAL POWER +Factor (dBm) | Antenna Gain (dBi) | EIRP (dBm) | REQUIRED EIRP LIMIT (dBm) | RESULT |
|-----|-----------------|------------|---------------------|-------|---------------------------|--------------------|------------|---------------------------|--------|
|     |                 |            | CH 0                | CH 1  |                           |                    |            |                           |        |
| 15  | 6025            | full       | 8.14                | 8.16  | 12.06                     | 4.44               | 16.497     | 24                        | PASS   |
| 47  | 6185            | full       | 8.64                | 8.27  | 12.37                     | 4.44               | 16.806     | 24                        | PASS   |
| 79  | 6345            | full       | 8.77                | 8.11  | 12.36                     | 4.44               | 16.799     | 24                        | PASS   |
| 111 | 6505(U-NII 6)   | full       | 7.20                | 6.71  | 9.97                      | 4.38               | 14.348     | 24                        | PASS   |
| 111 | 6505(U-NII 7)   | full       | 2.89                | 4.41  | 6.73                      | 3.73               | 10.459     | 24                        | PASS   |
| 143 | 6665            | full       | 8.05                | 8.14  | 12.00                     | 3.73               | 15.732     | 24                        | PASS   |
| 175 | 6825(U-NII 7)   | full       | 6.49                | 6.35  | 9.43                      | 3.73               | 13.158     | 24                        | PASS   |
| 175 | 6825(U-NII 8)   | full       | -1.00               | -0.30 | 2.38                      | 4.21               | 6.588      | 24                        | PASS   |
| 207 | 6985            | full       | 8.79                | 8.56  | 12.58                     | 4.21               | 16.793     | 24                        | PASS   |

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.

## 8 UNDESIRABLE RADIATED EMISSIONS

### 8.1 Standard Applicable

For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz and below 1 GHz must comply with the general field strength limits set forth in §15.209.

The provisions of §15.205 apply to intentional radiators operating under this section.

Use guidance in KDB 789033 for measurements below 1000 MHz and above 1000 MHz. Unwanted emissions outside of restricted bands are measured with a RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit

#### Above 1GHz and non-restricted limit

| EIRP LIMIT                              | FIELD STRENGTH AT 3m                     |
|---|--|
| Peak: -7 (dBm/MHz)<br>AV: -27 (dBm/MHz) | Peak: 88.2 (dBμV/m)<br>AV: 68.2 (dBμV/m) |

$$EIRP[dBm] = E[dB\mu V/m] + 20 \log (d[m]) - 104.77.$$

$$E[dB\mu V/m] = EIRP[dBm] - 20 \log (d[m]) + 104.77$$

#### Below 1G and restricted limit

| Frequency (MHz) | Field strength (microvolts/meter) | Distance (meters) |
|-----------------|-----------------------------------|-------------------|
| 0.009-0.490     | 2400/F(kHz)                       | 300               |
| 0.490-1.705     | 24000/F(kHz)                      | 30                |
| 1.705-30        | 30                                | 30                |
| 30-88           | 100                               | 3                 |
| 88-216          | 150                               | 3                 |
| 216-960         | 200                               | 3                 |
| Above 960       | 500                               | 3                 |

**Note:**

1. The lower limit shall apply at the transition frequencies.

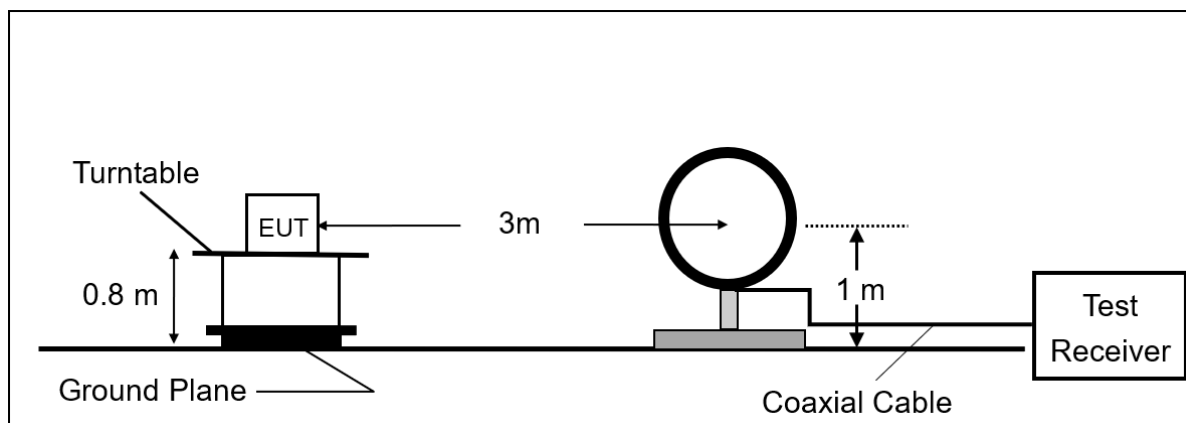
### 8.2 Test Setup

(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.

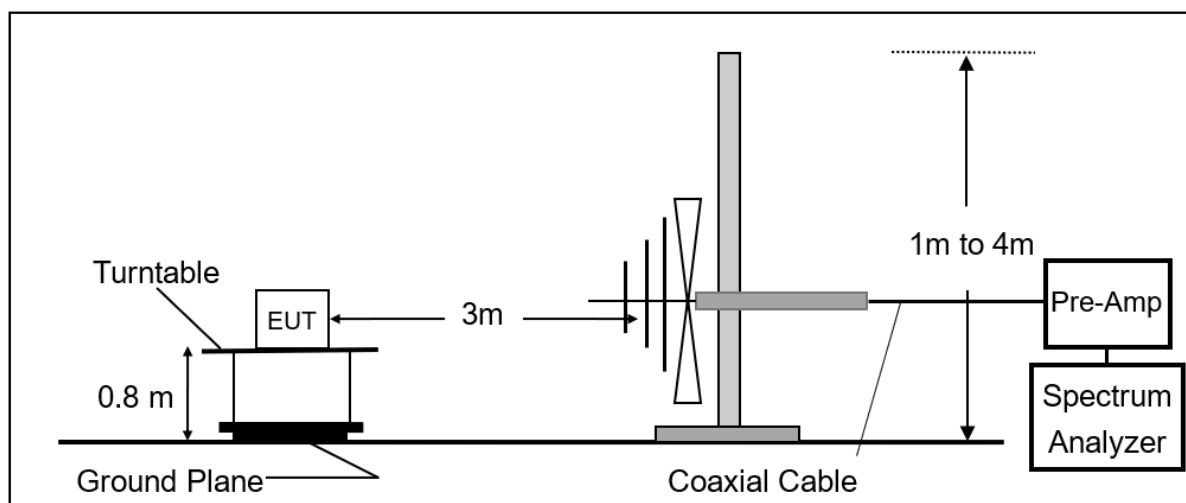
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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。

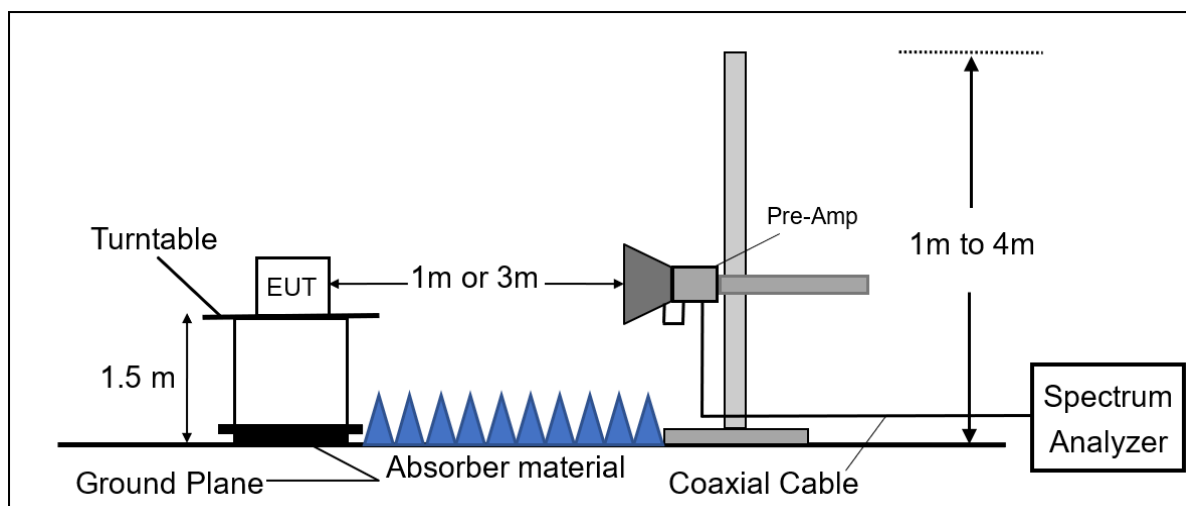
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.



(B) Radiated Emission Test Set-Up, Frequency From 30MHz to 1000MHz.



(C) Radiated Emission Test Set-Up, Frequency Above 1GHz.



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.

### 8.3 Measurement Procedure

1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. The EUT was placed on a turn table with 0.8m for frequency< 1GHz and 1.5m for frequency> 1GHz above ground plane.
4. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
5. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
6. Set the spectrum analyzer as RBW=100 kHz and VBW=300 kHz for Peak Detector (PK) at frequency between 30MHz and 1 GHz.
7. Use receiver mode as RBW=120 kHz for Quasi-peak (QP) at frequency between 30MHz and 1 GHz.
8. At frequency above 1 GHz, Set the spectrum analyzer:
  - A. RBW=1 MHz, VBW=3 MHz for **Peak** Detector.
  - B. Set the spectrum analyzer as RBW=1 MHz, VBW=10 Hz (Duty cycle > 98%) or VBW  $\geq 1/T$  (Duty cycle < 98%) for **Average** Detector.
9. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
10. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
11. Repeat above procedures until all frequency measured were complete.

### 8.4 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

**Where** *FS* = Field Strength

*CL* = Cable Attenuation Factor (Cable Loss)

*RA* = Reading Amplitude

*AG* = Amplifier Gain

*AF* = Antenna Factor

*The limit of the emission level is expressed in dBuV/m, which converts  $20 \cdot \log(uV/m)$*

*Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)*

*Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)*

### 8.5 Test Results of Radiated Spurious Emissions form 9 kHz to 30 MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result

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.

which was 20dB lower than the limit per 15.31(o) was not reported.

## 8.6 Radiated Spurious Emission Measurement Result

### 8.6.1 Spurious Emission

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-01-10

Test Frequency :6175 MHz

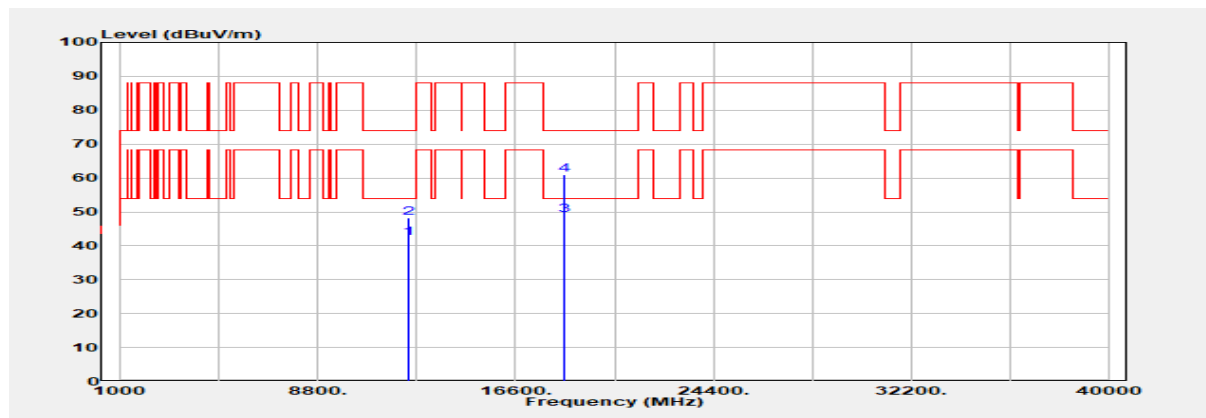
Temp./Humi. :24.4/54

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 12350.000    | Average                      | 32.13                             | 10.21        | 42.33                  | 54.00                  | -11.67       |
| 12350.000    | Peak                         | 38.13                             | 10.21        | 48.34                  | 74.00                  | -25.66       |
| 18525.000    | Average                      | 30.13                             | 19.03        | 49.15                  | 54.00                  | -4.85        |
| 18525.000    | Peak                         | 41.95                             | 19.03        | 60.97                  | 74.00                  | -13.03       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-01-10

Test Frequency :6175 MHz

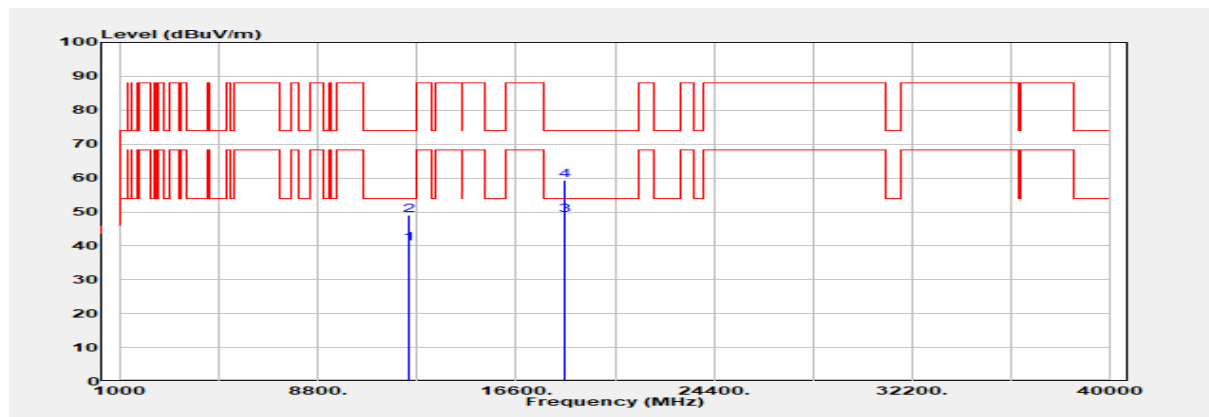
Temp./Humi. :24.4/54

Test Mode :TX CH MID

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 12350.000    | Average                      | 30.51                             | 10.21        | 40.72                  | 54.00                  | -13.28       |
| 12350.000    | Peak                         | 38.87                             | 10.21        | 49.08                  | 74.00                  | -24.92       |
| 18525.000    | Average                      | 30.15                             | 19.03        | 49.18                  | 54.00                  | -4.82        |
| 18525.000    | Peak                         | 40.23                             | 19.03        | 59.26                  | 74.00                  | -14.74       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-01-10

Test Frequency :6475 MHz

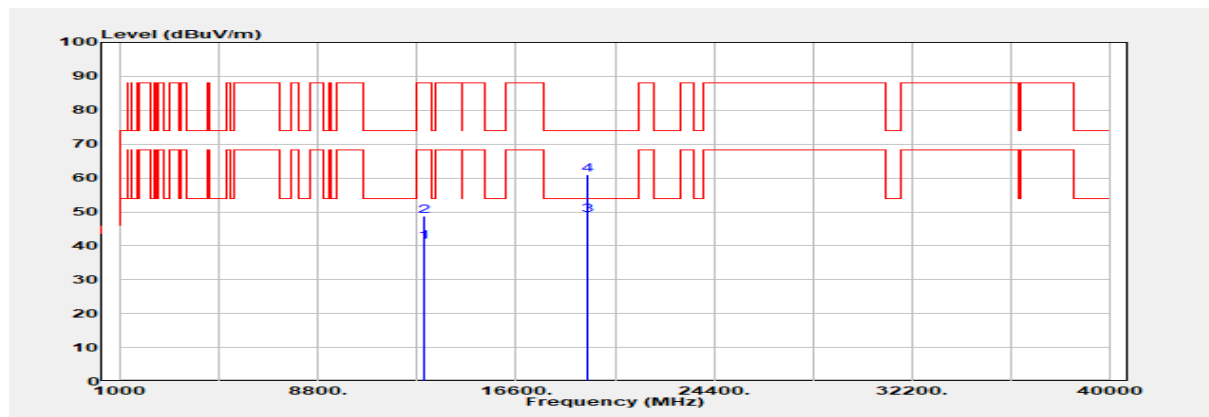
Temp./Humi. :24.4/54

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 12950.000    | Average                      | 30.15                                   | 11.16        | 41.32                        | 68.20                        | -26.88       |
| 12950.000    | Peak                         | 37.62                                   | 11.16        | 48.78                        | 88.20                        | -39.42       |
| 19425.000    | Average                      | 29.87                                   | 19.05        | 48.92                        | 54.00                        | -5.08        |
| 19425.000    | Peak                         | 41.94                                   | 19.05        | 60.99                        | 74.00                        | -13.01       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-01-10

Test Frequency :6475 MHz

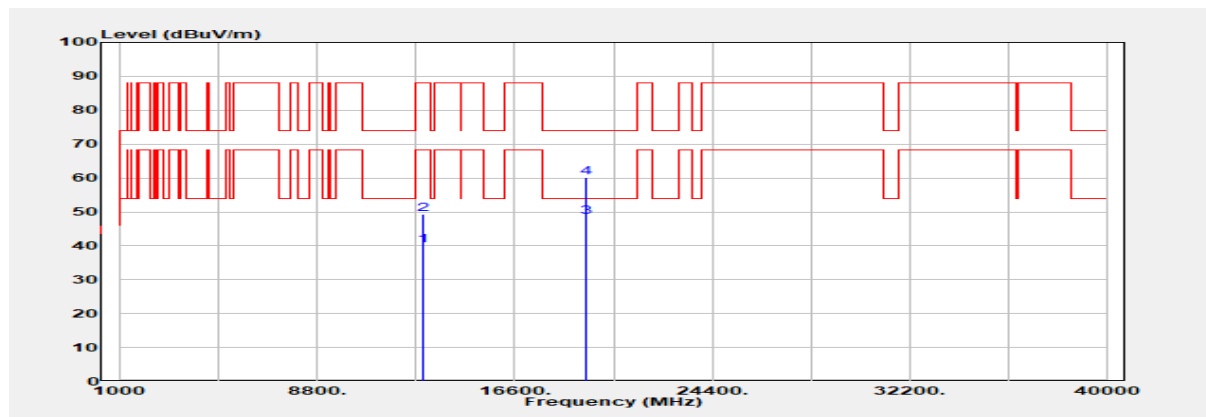
Temp./Humi. :24.4/54

Test Mode :TX CH MID

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 12950.000    | Average                      | 28.99                                   | 11.16        | 40.15                        | 68.20                        | -28.05       |
| 12950.000    | Peak                         | 38.14                                   | 11.16        | 49.31                        | 88.20                        | -38.89       |
| 19425.000    | Average                      | 29.54                                   | 19.05        | 48.59                        | 54.00                        | -5.41        |
| 19425.000    | Peak                         | 41.09                                   | 19.05        | 60.14                        | 74.00                        | -13.86       |

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.



Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-01-10

Test Frequency :6715 MHz

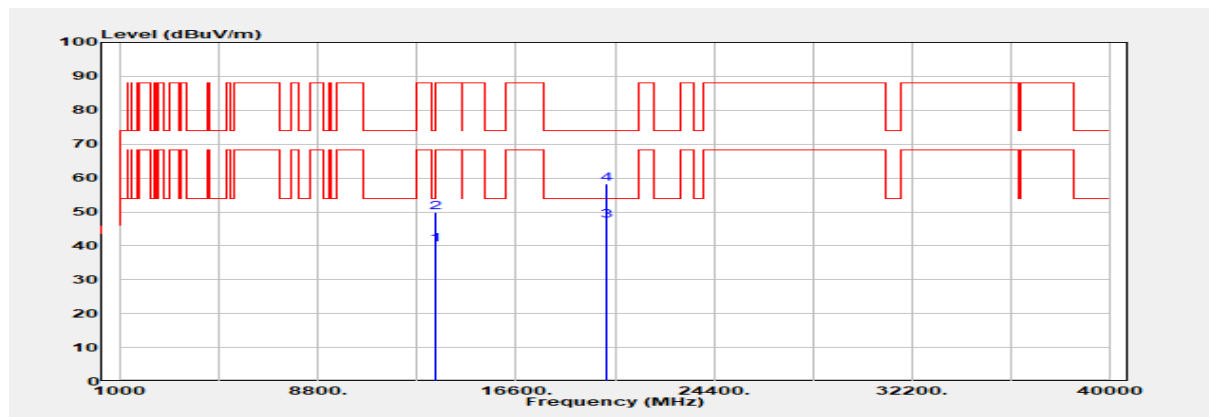
Temp./Humi. :24.4/54

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBUV | Factor<br>dB | Actual<br>FS<br>dBUV/m | Limit<br>@3m<br>dBUV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 13430.000    | Average                      | 29.54                             | 10.75        | 40.29                  | 68.20                  | -27.91       |
| 13430.000    | Peak                         | 39.00                             | 10.75        | 49.75                  | 88.20                  | -38.45       |
| 20145.000    | Average                      | 30.01                             | 17.40        | 47.42                  | 54.00                  | -6.58        |
| 20145.000    | Peak                         | 40.78                             | 17.40        | 58.18                  | 74.00                  | -15.82       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-01-10

Test Frequency :6715 MHz

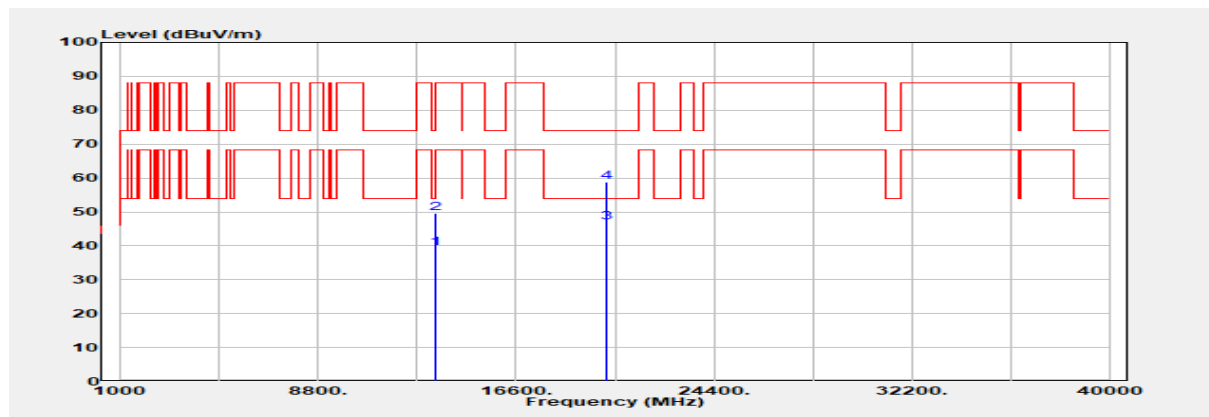
Temp./Humi. :24.4/54

Test Mode :TX CH MID

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 13430.000    | Average                      | 28.55                             | 10.75        | 39.30                  | 68.20                  | -28.90       |
| 13430.000    | Peak                         | 38.87                             | 10.75        | 49.62                  | 88.20                  | -38.58       |
| 20145.000    | Average                      | 546.92                            | -500.00      | 46.92                  | 54.00                  | -7.08        |
| 20145.000    | Peak                         | 558.72                            | -500.00      | 58.72                  | 74.00                  | -15.28       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-01-10

Test Frequency :6875 MHz

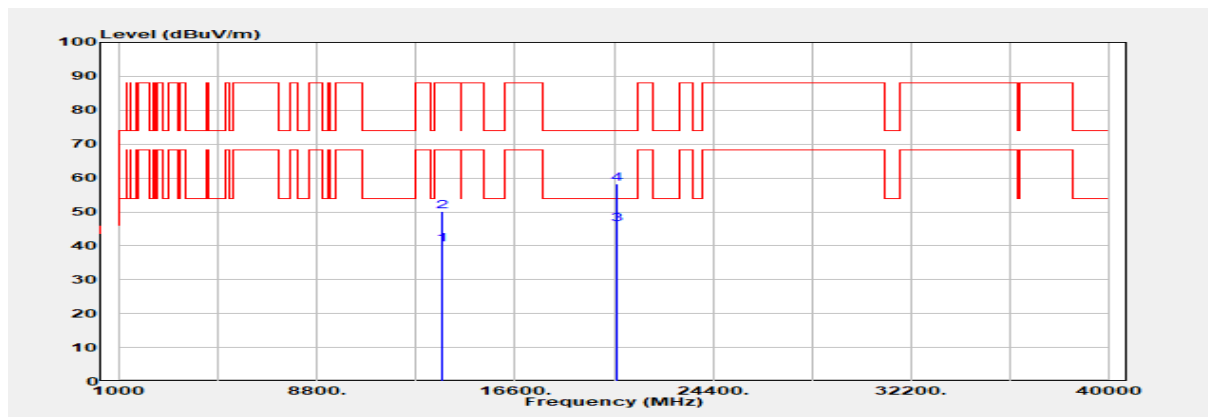
Temp./Humi. :24.4/54

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 13750.000    | Average                      | 30.13                                   | 10.21        | 40.33                        | 68.20                        | -27.87       |
| 13750.000    | Peak                         | 39.89                                   | 10.21        | 50.09                        | 88.20                        | -38.11       |
| 20625.000    | Average                      | 29.51                                   | 16.82        | 46.33                        | 54.00                        | -7.67        |
| 20625.000    | Peak                         | 41.33                                   | 16.82        | 58.15                        | 74.00                        | -15.85       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-01-10

Test Frequency :6875 MHz

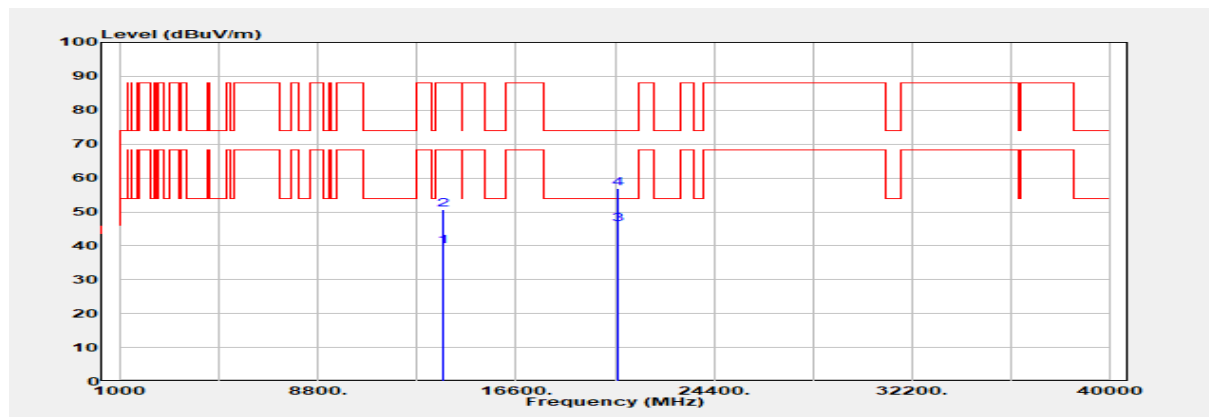
Temp./Humi. :24.4/54

Test Mode :TX CH MID

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBUV | Factor<br>dB | Actual<br>FS<br>dBUV/m | Limit<br>@3m<br>dBUV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 13750.000    | Average                      | 29.54                             | 10.21        | 39.75                  | 68.20                  | -28.45       |
| 13750.000    | Peak                         | 40.48                             | 10.21        | 50.69                  | 88.20                  | -37.51       |
| 20625.000    | Average                      | 546.46                            | -500.00      | 46.46                  | 54.00                  | -7.54        |
| 20625.000    | Peak                         | 556.90                            | -500.00      | 56.90                  | 74.00                  | -17.10       |

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.

## 8.6.2 Band edge falling to restricted band

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-27

Test Frequency :5955 MHz

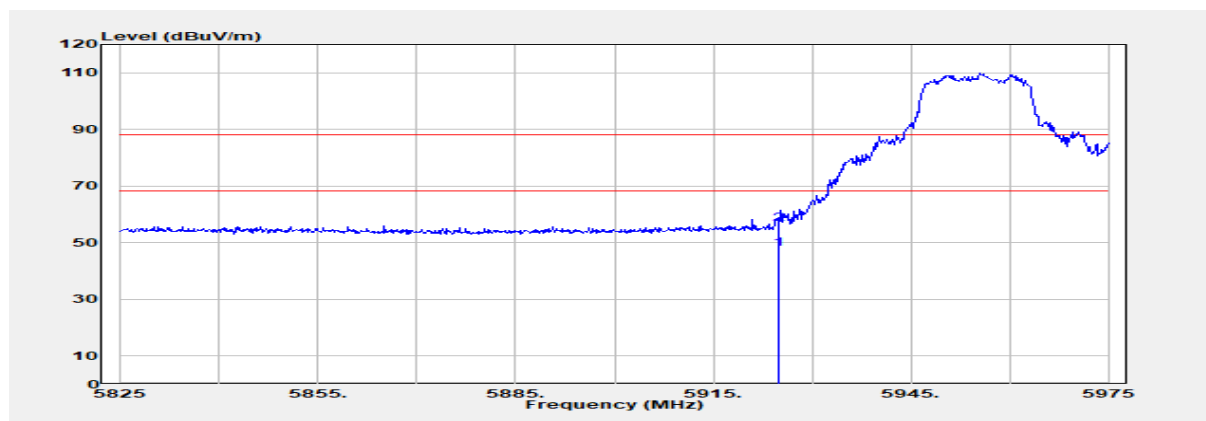
Temp./Humi. :21.2/57

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 5925.000     | Average                      | 43.43                             | 4.36         | 47.79                  | 68.20                  | -20.41       |
| 5925.000     | Peak                         | 52.11                             | 4.36         | 56.46                  | 88.20                  | -31.74       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-27

Test Frequency :5955 MHz

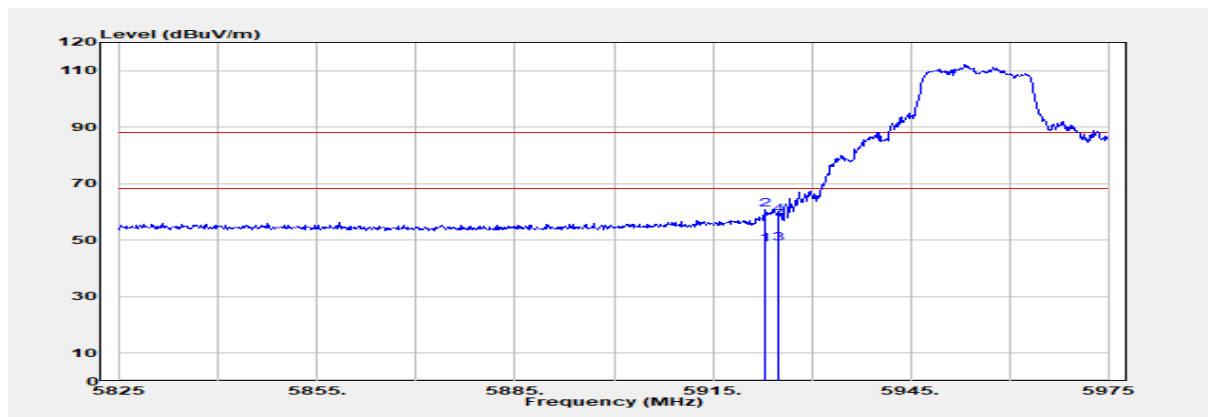
Temp./Humi. :21.2/57

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 5922.800     | Average                      | 44.16                             | 4.36         | 48.52                  | 68.20                  | -19.68       |
| 5922.800     | Peak                         | 56.45                             | 4.36         | 60.81                  | 88.20                  | -27.39       |
| 5925.000     | Average                      | 44.37                             | 4.36         | 48.72                  | 68.20                  | -19.48       |
| 5925.000     | Peak                         | 54.52                             | 4.36         | 58.87                  | 88.20                  | -29.33       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-27

Test Frequency :7115 MHz

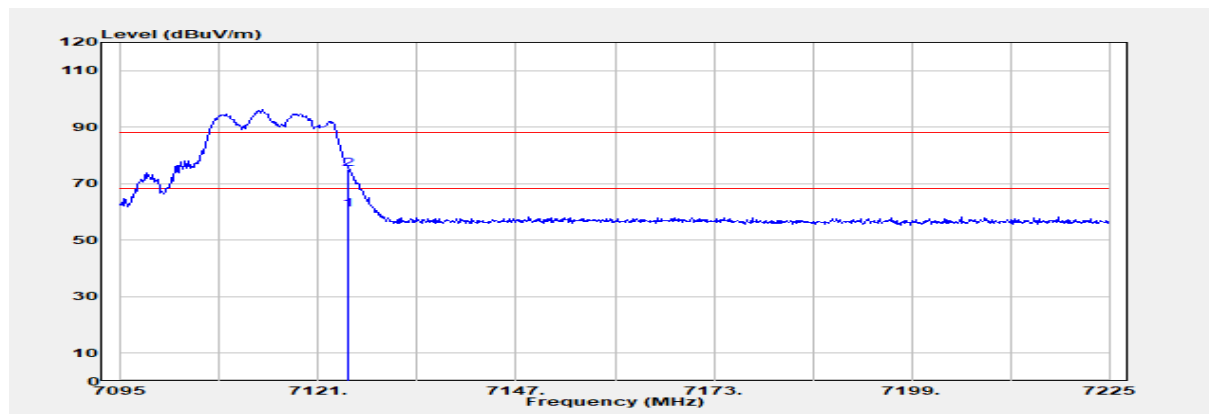
Temp./Humi. :21.2/57

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 7125.000     | Average                      | 53.55                                   | 7.39         | 60.93                        | 68.20                        | -7.27        |
| 7125.000     | Peak                         | 67.73                                   | 7.39         | 75.12                        | 88.20                        | -13.08       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-27

Test Frequency :7115 MHz

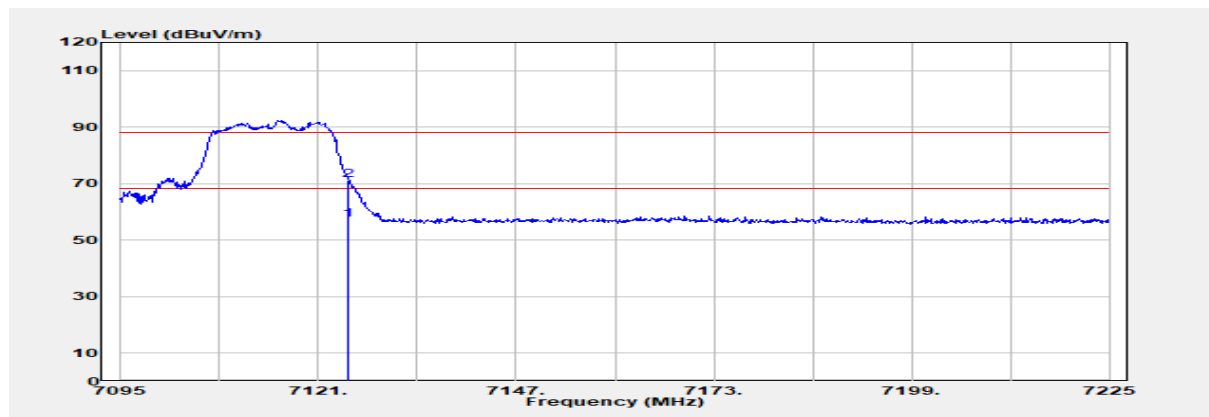
Temp./Humi. :21.2/57

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 7125.000     | Average                      | 49.74                                   | 7.39         | 57.13                        | 68.20                        | -11.07       |
| 7125.000     | Peak                         | 63.74                                   | 7.39         | 71.12                        | 88.20                        | -17.08       |

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.



Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-27

Test Frequency :5955 MHz

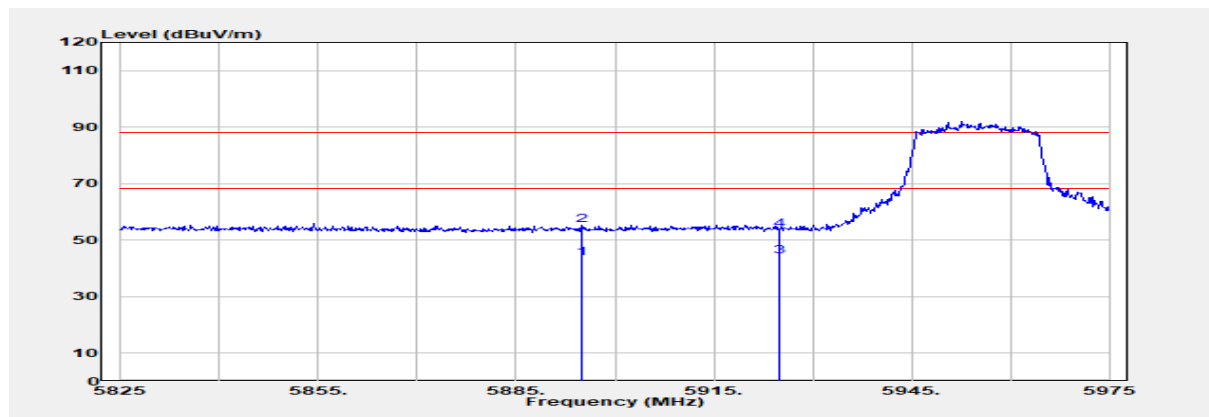
Temp./Humi. :21.2/57

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 5894.900     | Average                      | 39.70                                   | 4.02         | 43.72                        | 68.20                        | -24.48       |
| 5894.900     | Peak                         | 51.26                                   | 4.02         | 55.28                        | 88.20                        | -32.92       |
| 5925.000     | Average                      | 39.72                                   | 4.36         | 44.07                        | 68.20                        | -24.13       |
| 5925.000     | Peak                         | 49.36                                   | 4.36         | 53.71                        | 88.20                        | -34.49       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-27

Test Frequency :5955 MHz

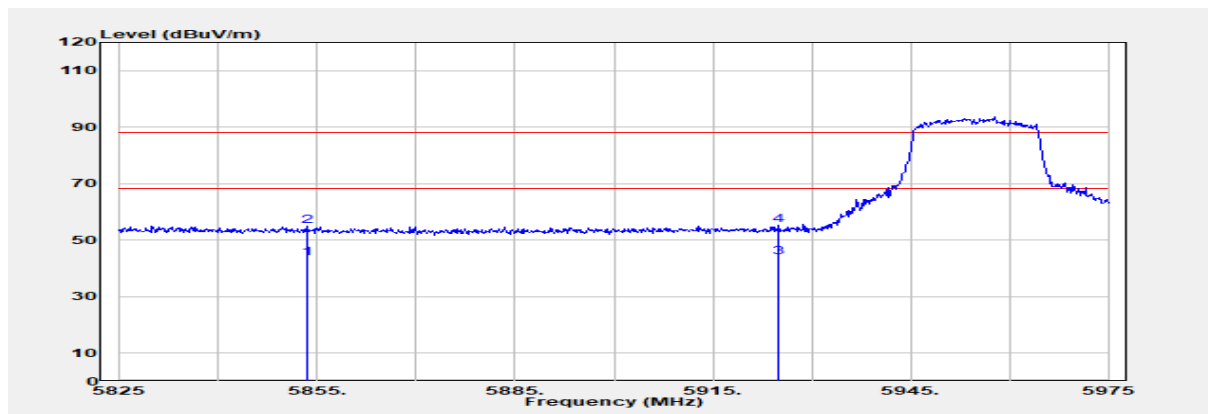
Temp./Humi. :21.2/57

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 5853.500     | Average                      | 39.50                             | 4.24         | 43.74                  | 68.20                  | -24.46       |
| 5853.500     | Peak                         | 50.84                             | 4.24         | 55.08                  | 88.20                  | -33.12       |
| 5925.000     | Average                      | 39.70                             | 4.36         | 44.06                  | 68.20                  | -24.14       |
| 5925.000     | Peak                         | 50.85                             | 4.36         | 55.21                  | 88.20                  | -32.99       |

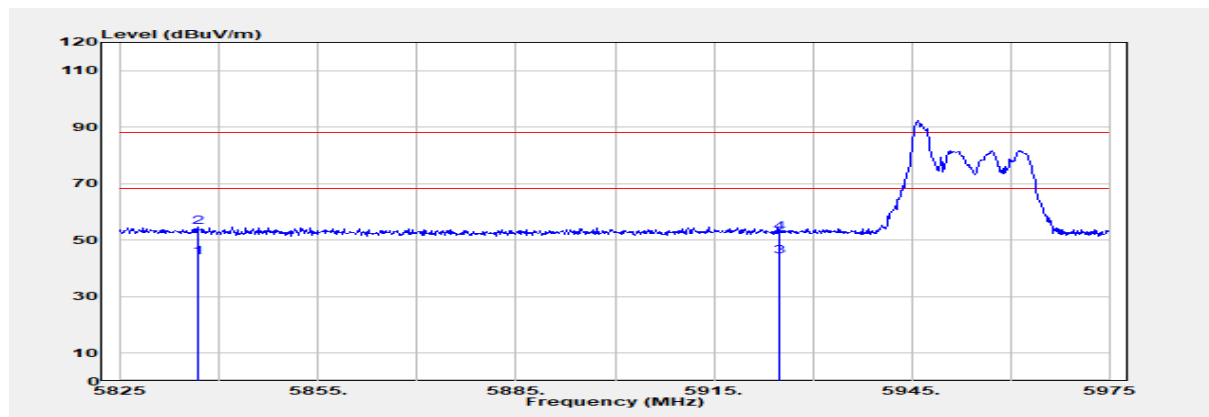
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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.

Report Number :E2/2021/C0069  
 Operation Mode :802.11ax20  
 Test Frequency :5955 MHz  
 Test Mode :BE CH LOW RU 26/0  
 EUT Pol :NB Plane

Test Site :SAC G  
 Test Date :2021-12-27  
 Temp./Humi. :21.2/57  
 Antenna Pol. :Vertical  
 Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 5836.700     | Average                      | 39.54                             | 4.38         | 43.91                  | 68.20                  | -24.29       |
| 5836.700     | Peak                         | 50.27                             | 4.38         | 54.64                  | 88.20                  | -33.56       |
| 5925.000     | Average                      | 39.90                             | 4.36         | 44.25                  | 68.20                  | -23.95       |
| 5925.000     | Peak                         | 48.34                             | 4.36         | 52.69                  | 88.20                  | -35.51       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-27

Test Frequency :5955 MHz

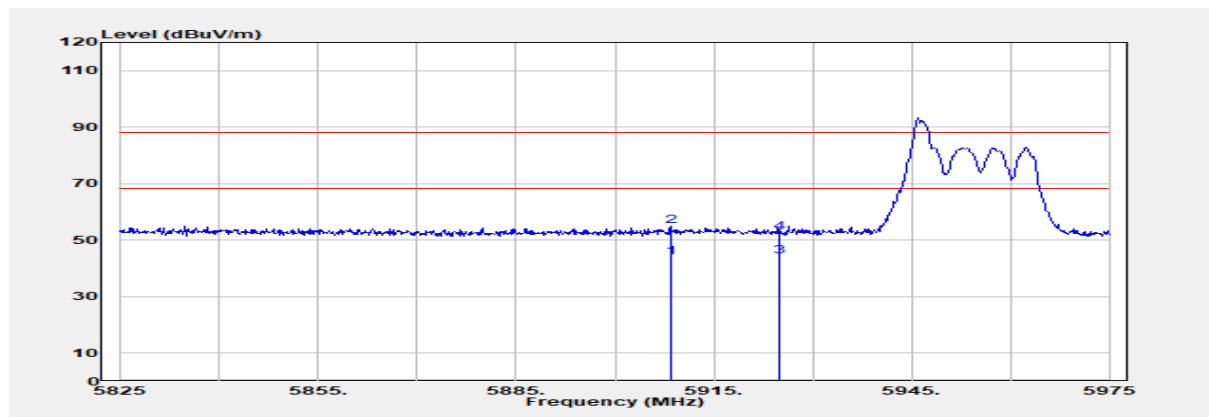
Temp./Humi. :21.2/57

Test Mode :BE CH LOW RU 26/0

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 5908.400     | Average                      | 39.65                                   | 4.34         | 44.00                        | 68.20                        | -24.20       |
| 5908.400     | Peak                         | 50.54                                   | 4.34         | 54.88                        | 88.20                        | -33.32       |
| 5925.000     | Average                      | 39.76                                   | 4.36         | 44.11                        | 68.20                        | -24.09       |
| 5925.000     | Peak                         | 48.32                                   | 4.36         | 52.68                        | 88.20                        | -35.52       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-27

Test Frequency :5955 MHz

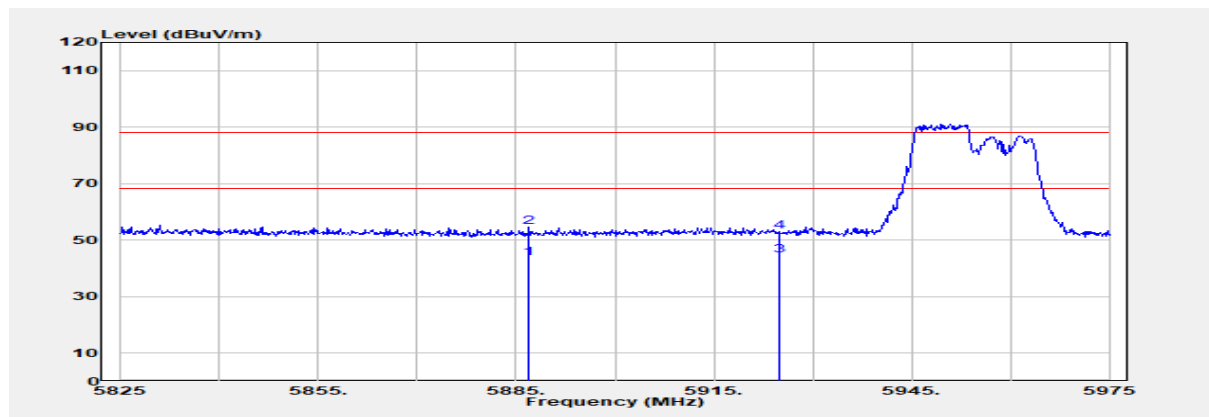
Temp./Humi. :21.2/57

Test Mode :BE CH LOW RU 106/53

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 5886.950     | Average                      | 39.49                                   | 3.95         | 43.44                        | 68.20                        | -24.76       |
| 5886.950     | Peak                         | 50.52                                   | 3.95         | 54.48                        | 88.20                        | -33.72       |
| 5925.000     | Average                      | 40.06                                   | 4.36         | 44.41                        | 68.20                        | -23.79       |
| 5925.000     | Peak                         | 48.49                                   | 4.36         | 52.85                        | 88.20                        | -35.35       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-27

Test Frequency :5955 MHz

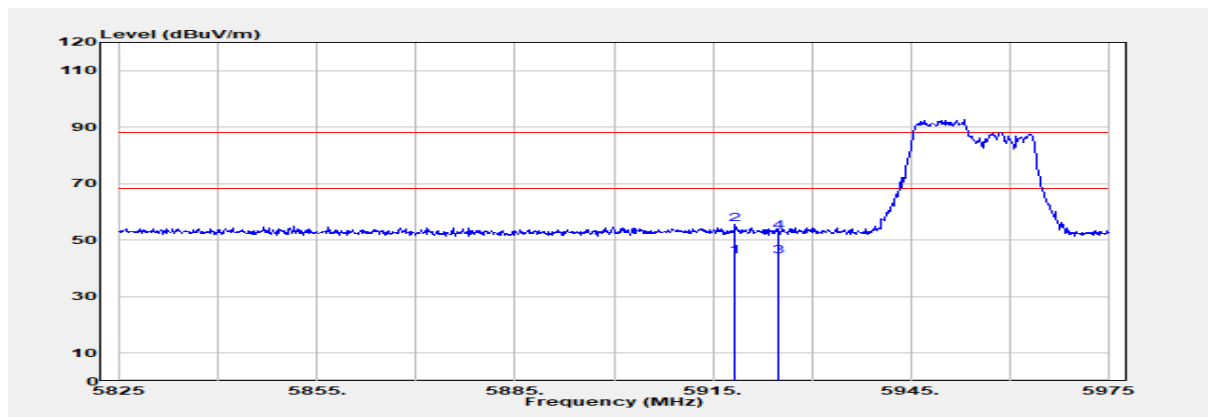
Temp./Humi. :21.2/57

Test Mode :BE CH LOW RU 106/53

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 5918.450     | Average                      | 39.91                             | 4.37         | 44.28                  | 68.20                  | -23.92       |
| 5918.450     | Peak                         | 51.20                             | 4.37         | 55.57                  | 88.20                  | -32.63       |
| 5925.000     | Average                      | 39.78                             | 4.36         | 44.14                  | 68.20                  | -24.06       |
| 5925.000     | Peak                         | 48.64                             | 4.36         | 53.00                  | 88.20                  | -35.20       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-27

Test Frequency :7115 MHz

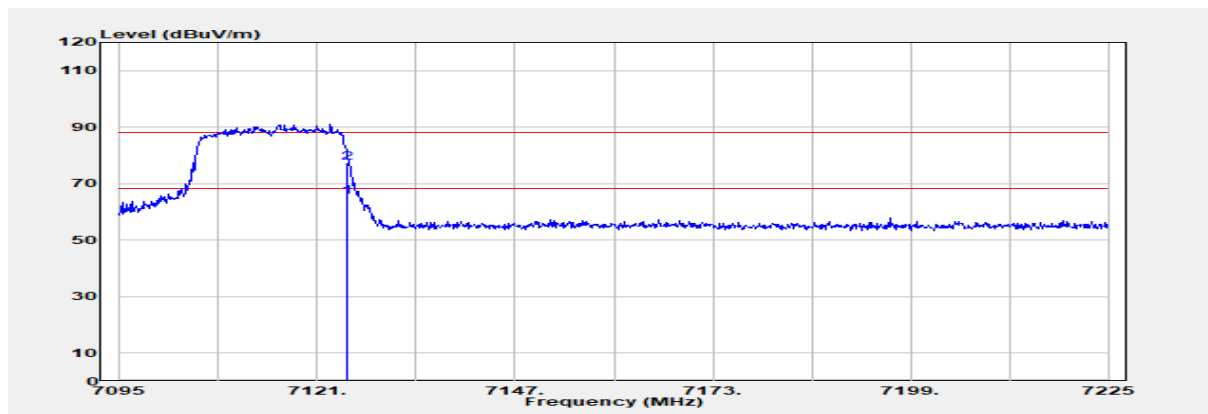
Temp./Humi. :21.2/57

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 7125.000     | Average                      | 57.85                                   | 7.39         | 65.24                        | 68.20                        | -2.96        |
| 7125.000     | Peak                         | 70.05                                   | 7.39         | 77.44                        | 88.20                        | -10.76       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-27

Test Frequency :7115 MHz

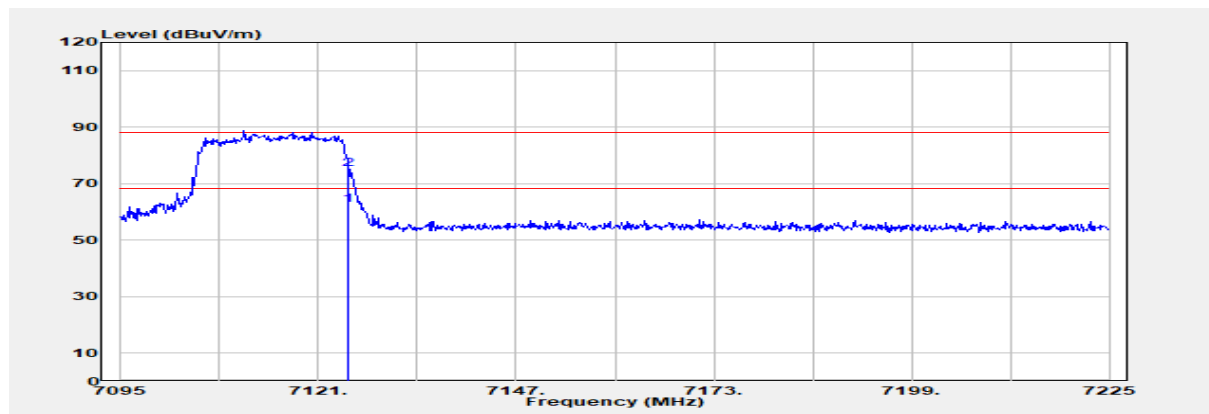
Temp./Humi. :21.2/57

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 7125.000     | Average                      | 55.10                                   | 7.39         | 62.48                        | 68.20                        | -5.72        |
| 7125.000     | Peak                         | 67.80                                   | 7.39         | 75.19                        | 88.20                        | -13.01       |

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.



Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-27

Test Frequency :7115 MHz

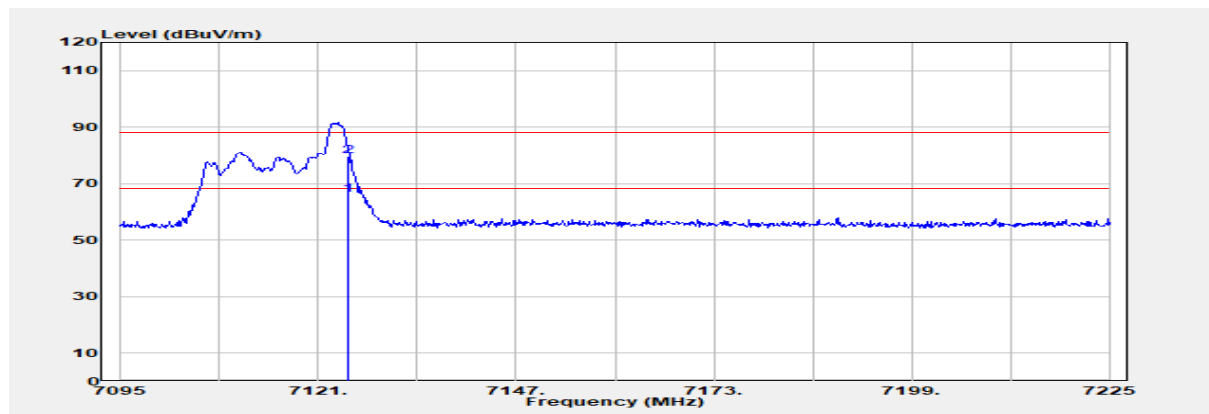
Temp./Humi. :21.2/57

Test Mode :BE CH HIGH RU 26/8

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 7125.000     | Average                      | 58.52                                   | 7.39         | 65.90                        | 68.20                        | -2.30        |
| 7125.000     | Peak                         | 72.36                                   | 7.39         | 79.75                        | 88.20                        | -8.45        |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-27

Test Frequency :7115 MHz

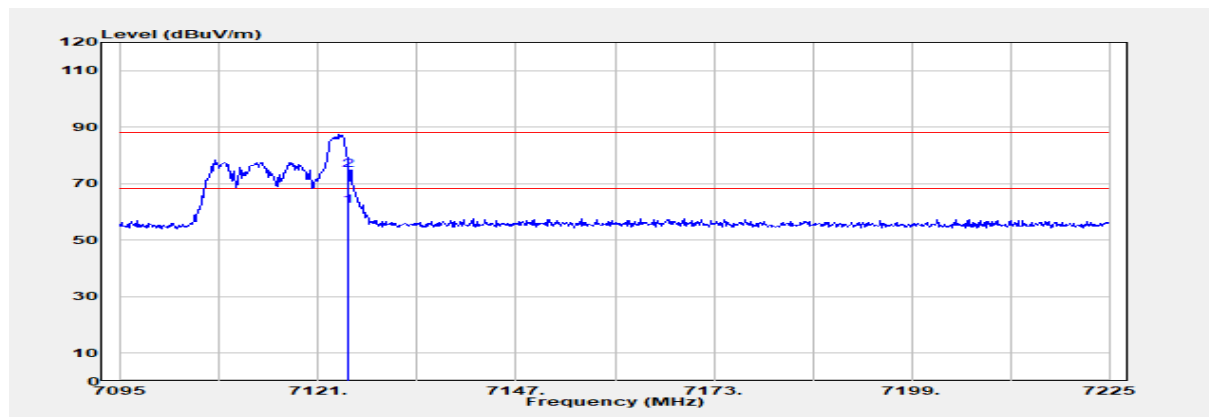
Temp./Humi. :21.2/57

Test Mode :BE CH HIGH RU 26/8

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 7125.000     | Average                      | 54.75                                   | 7.39         | 62.13                        | 68.20                        | -6.07        |
| 7125.000     | Peak                         | 67.55                                   | 7.39         | 74.94                        | 88.20                        | -13.26       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-27

Test Frequency :7115 MHz

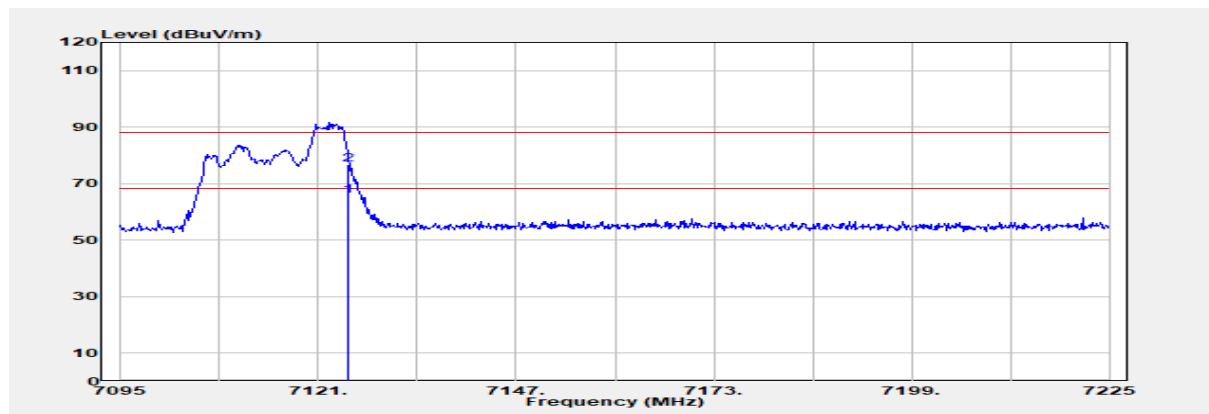
Temp./Humi. :21.2/57

Test Mode :BE CH HIGH RU 52/40

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 7125.000     | Average                      | 58.20                                   | 7.39         | 65.58                        | 68.20                        | -2.62        |
| 7125.000     | Peak                         | 69.25                                   | 7.39         | 76.64                        | 88.20                        | -11.56       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-27

Test Frequency :7115 MHz

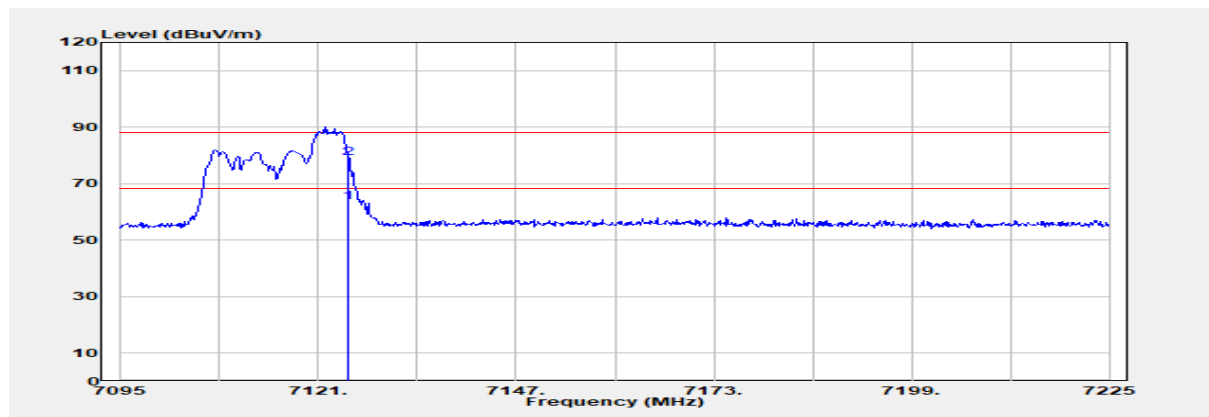
Temp./Humi. :21.2/57

Test Mode :BE CH HIGH RU 52/40

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 7125.000     | Average                      | 55.90                                   | 7.39         | 63.29                        | 68.20                        | -4.91        |
| 7125.000     | Peak                         | 71.57                                   | 7.39         | 78.95                        | 88.20                        | -9.25        |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-27

Test Frequency :7115 MHz

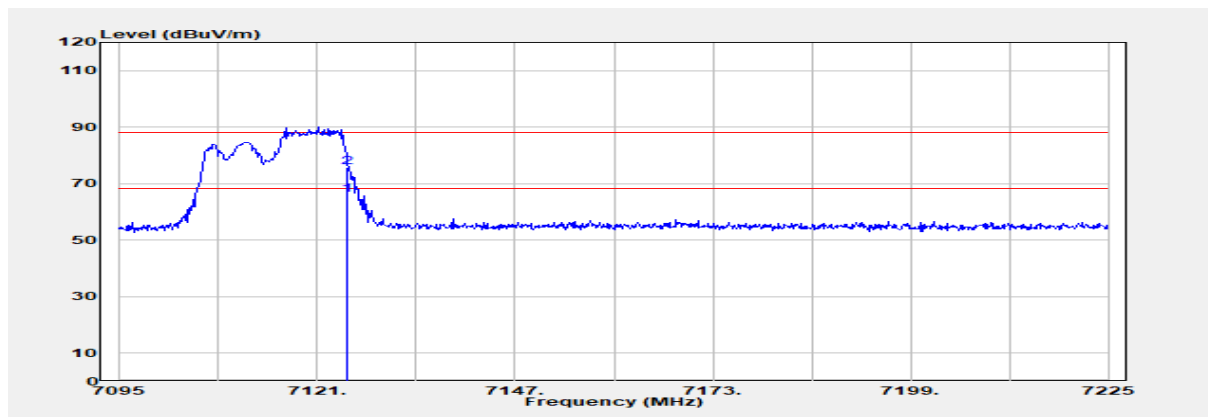
Temp./Humi. :21.2/57

Test Mode :BE CH HIGH RU 106/54

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 7125.000     | Average                      | 58.57                                   | 7.39         | 65.95                        | 68.20                        | -2.25        |
| 7125.000     | Peak                         | 68.37                                   | 7.39         | 75.76                        | 88.20                        | -12.44       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-27

Test Frequency :7115 MHz

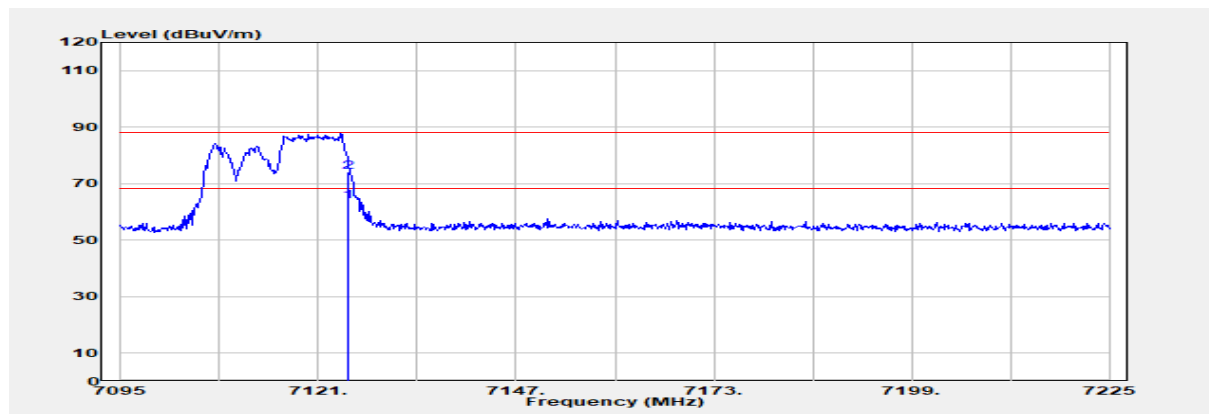
Temp./Humi. :21.2/57

Test Mode :BE CH HIGH RU 106/54

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBUV | Factor<br>dB | Actual<br>FS<br>dBUV/m | Limit<br>@3m<br>dBUV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 7125.000     | Average                      | 56.42                             | 7.39         | 63.81                  | 68.20                  | -4.39        |
| 7125.000     | Peak                         | 66.84                             | 7.39         | 74.22                  | 88.20                  | -13.98       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-27

Test Frequency :5965 MHz

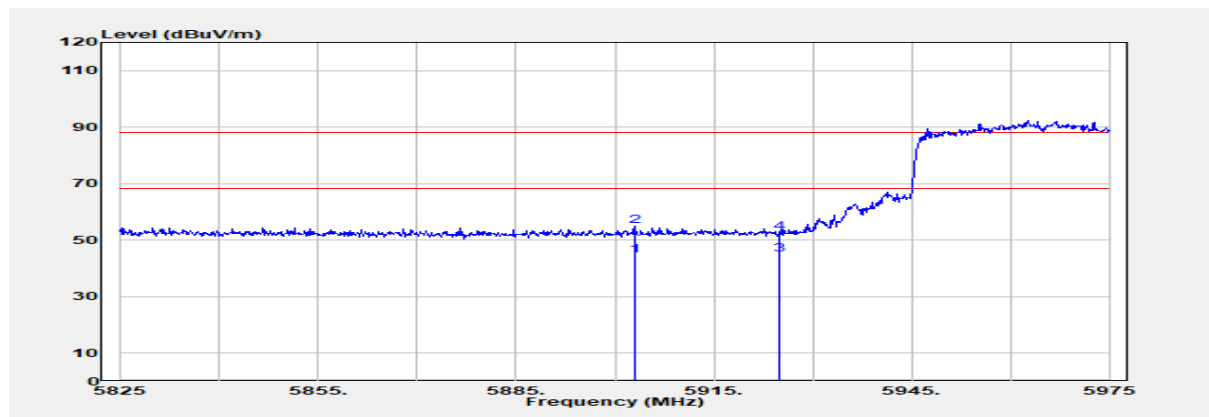
Temp./Humi. :21.2/57

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 5903.000     | Average                      | 40.31                             | 4.16         | 44.47                  | 68.20                  | -23.73       |
| 5903.000     | Peak                         | 50.70                             | 4.16         | 54.85                  | 88.20                  | -33.35       |
| 5925.000     | Average                      | 40.58                             | 4.36         | 44.93                  | 68.20                  | -23.27       |
| 5925.000     | Peak                         | 48.30                             | 4.36         | 52.66                  | 88.20                  | -35.54       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-27

Test Frequency :5965 MHz

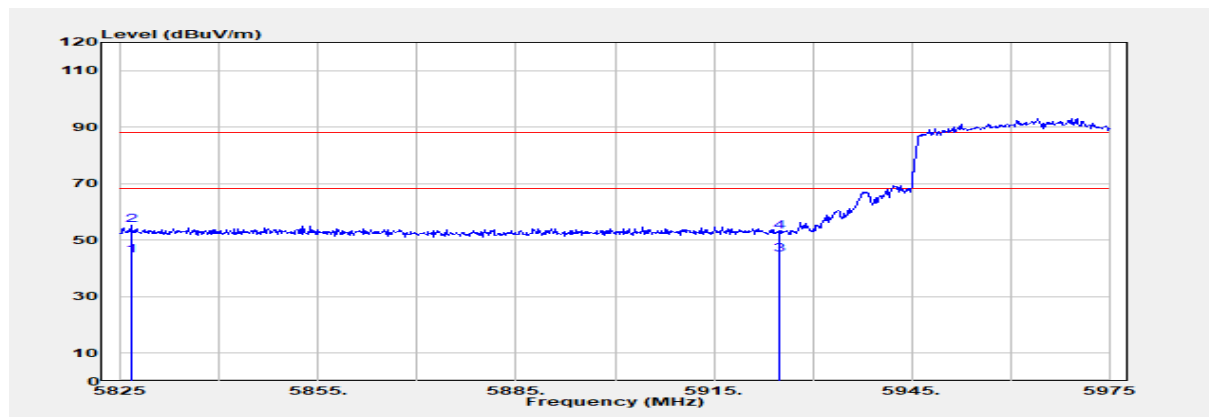
Temp./Humi. :21.2/57

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 5826.500     | Average                      | 40.23                             | 4.45         | 44.68                  | 68.20                  | -23.52       |
| 5826.500     | Peak                         | 50.95                             | 4.45         | 55.40                  | 88.20                  | -32.80       |
| 5925.000     | Average                      | 40.46                             | 4.36         | 44.81                  | 68.20                  | -23.39       |
| 5925.000     | Peak                         | 48.63                             | 4.36         | 52.99                  | 88.20                  | -35.21       |

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.



Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-27

Test Frequency :7085 MHz

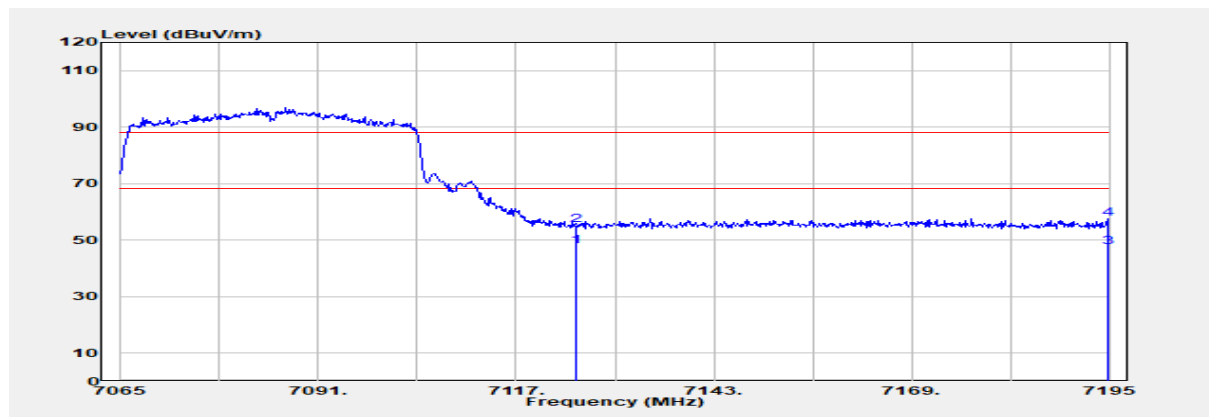
Temp./Humi. :21.2/57

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 7125.000     | Average                      | 40.39                                   | 7.39         | 47.77                        | 68.20                        | -20.43       |
| 7125.000     | Peak                         | 48.06                                   | 7.39         | 55.44                        | 88.20                        | -32.76       |
| 7194.740     | Average                      | 40.12                                   | 7.24         | 47.36                        | 68.20                        | -20.84       |
| 7194.740     | Peak                         | 50.34                                   | 7.24         | 57.58                        | 88.20                        | -30.62       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-27

Test Frequency :7085 MHz

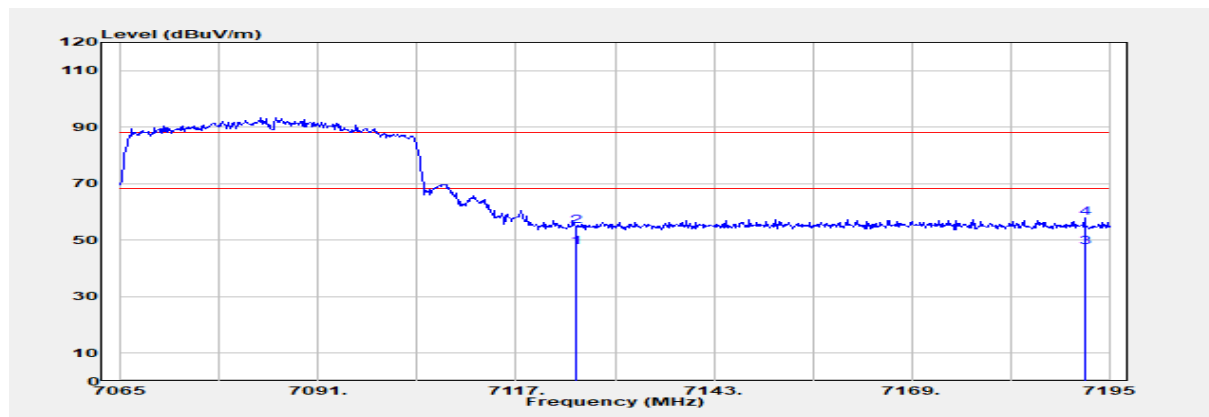
Temp./Humi. :21.2/57

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 7125.000     | Average                      | 39.94                                   | 7.39         | 47.33                        | 68.20                        | -20.87       |
| 7125.000     | Peak                         | 47.73                                   | 7.39         | 55.11                        | 88.20                        | -33.09       |
| 7191.750     | Average                      | 40.11                                   | 7.30         | 47.41                        | 68.20                        | -20.79       |
| 7191.750     | Peak                         | 50.44                                   | 7.30         | 57.74                        | 88.20                        | -30.46       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2021-12-27

Test Frequency :5985 MHz

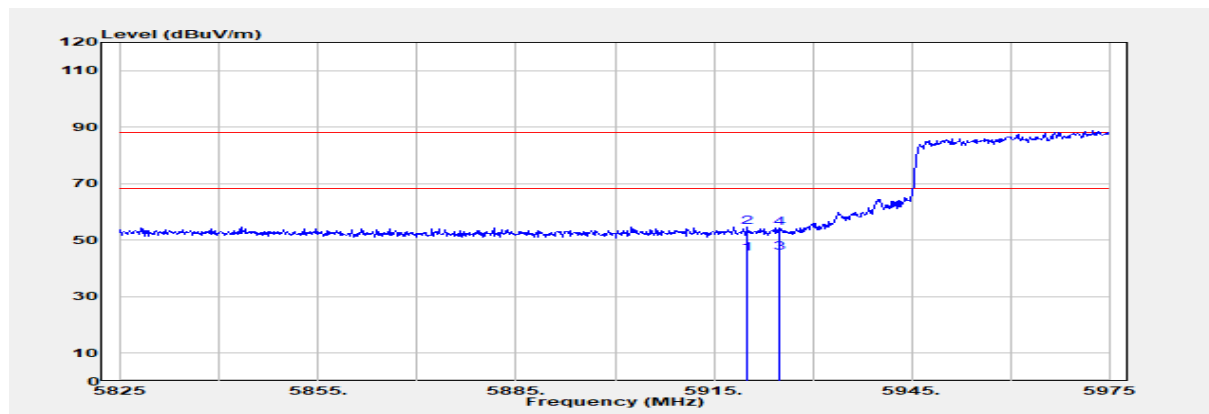
Temp./Humi. :21.2/57

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBUV | Factor<br>dB | Actual<br>FS<br>dBUV/m | Limit<br>@3m<br>dBUV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 5920.100     | Average                      | 40.91                             | 4.37         | 45.28                  | 68.20                  | -22.92       |
| 5920.100     | Peak                         | 50.35                             | 4.37         | 54.72                  | 88.20                  | -33.48       |
| 5925.000     | Average                      | 41.13                             | 4.36         | 45.49                  | 68.20                  | -22.71       |
| 5925.000     | Peak                         | 49.87                             | 4.36         | 54.22                  | 88.20                  | -33.98       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2021-12-27

Test Frequency :5985 MHz

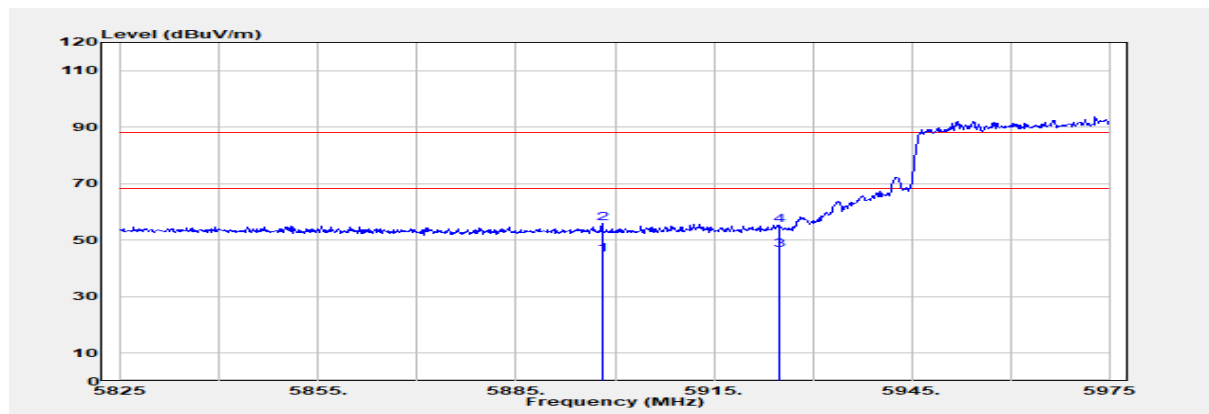
Temp./Humi. :21.2/57

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 5898.050     | Average                      | 40.90                                   | 4.04         | 44.94                        | 68.20                        | -23.26       |
| 5898.050     | Peak                         | 52.02                                   | 4.04         | 56.06                        | 88.20                        | -32.14       |
| 5925.000     | Average                      | 42.15                                   | 4.36         | 46.50                        | 68.20                        | -21.70       |
| 5925.000     | Peak                         | 50.90                                   | 4.36         | 55.25                        | 88.20                        | -32.95       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2021-12-27

Test Frequency :7025 MHz

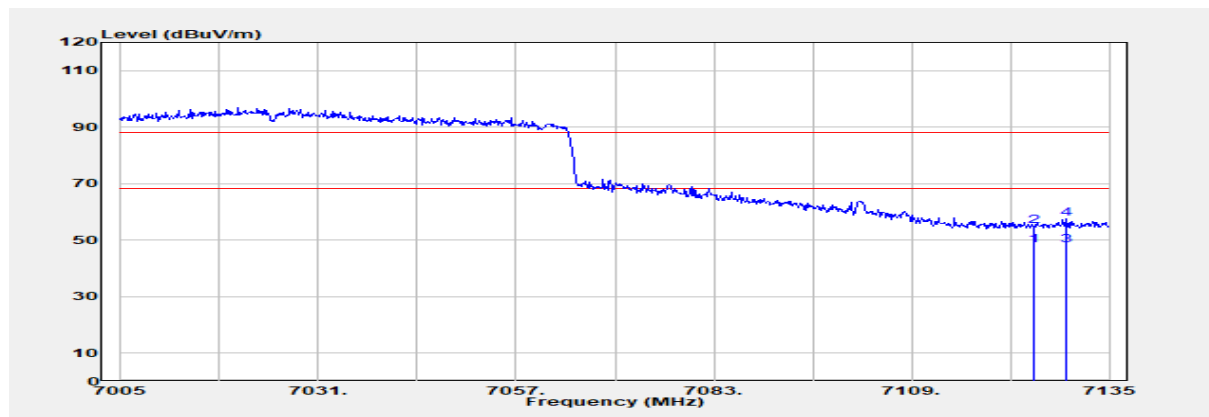
Temp./Humi. :21.2/57

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 7125.000     | Average                      | 40.67                                   | 7.39         | 48.06                        | 68.20                        | -20.14       |
| 7125.000     | Peak                         | 47.67                                   | 7.39         | 55.06                        | 88.20                        | -33.14       |
| 7129.280     | Average                      | 40.66                                   | 7.51         | 48.17                        | 68.20                        | -20.03       |
| 7129.280     | Peak                         | 50.02                                   | 7.51         | 57.53                        | 88.20                        | -30.67       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2021-12-27

Test Frequency :7025 MHz

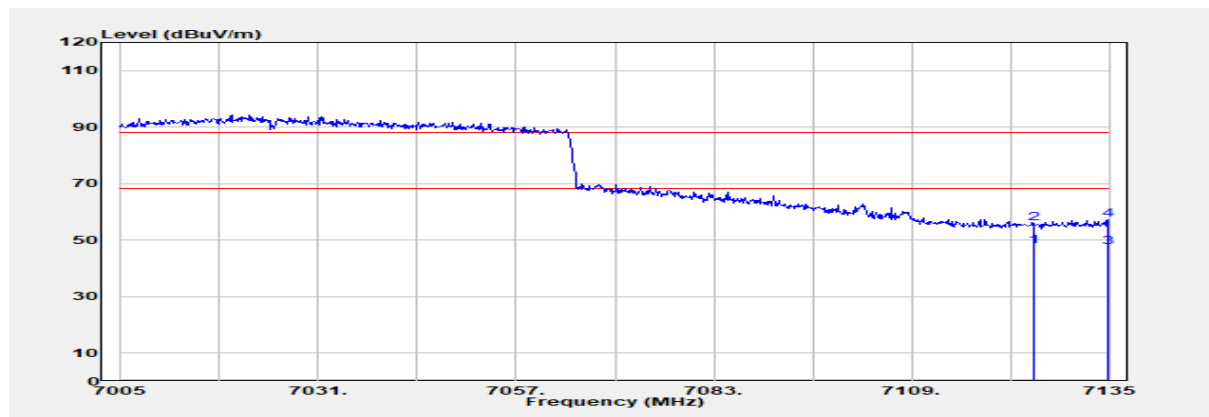
Temp./Humi. :21.2/57

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 7125.000     | Average                      | 40.47                                   | 7.39         | 47.86                        | 68.20                        | -20.34       |
| 7125.000     | Peak                         | 48.45                                   | 7.39         | 55.83                        | 88.20                        | -32.37       |
| 7134.740     | Average                      | 40.13                                   | 7.49         | 47.62                        | 68.20                        | -20.58       |
| 7134.740     | Peak                         | 49.65                                   | 7.49         | 57.14                        | 88.20                        | -31.06       |

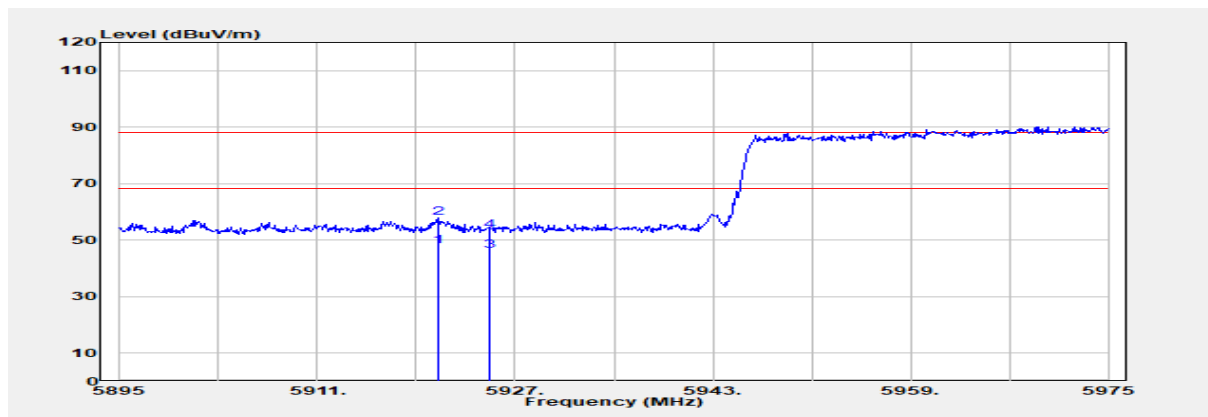
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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.

Report Number :E2/2021/C0069  
Operation Mode :802.11ax160  
Test Frequency :6025 MHz  
Test Mode :BE CH LOW RU FULL  
EUT Pol :NB Plane

Test Site :SAC G  
Test Date :2021-12-27  
Temp./Humi. :21.2/57  
Antenna Pol. :Vertical  
Engineer :Quentin Liu



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 5920.760     | Average                      | 43.51                                   | 4.37         | 47.88                        | 68.20                        | -20.32       |
| 5920.760     | Peak                         | 53.36                                   | 4.37         | 57.73                        | 88.20                        | -30.47       |
| 5925.000     | Average                      | 41.95                                   | 4.36         | 46.31                        | 68.20                        | -21.89       |
| 5925.000     | Peak                         | 48.96                                   | 4.36         | 53.32                        | 88.20                        | -34.88       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2021-12-27

Test Frequency :6025 MHz

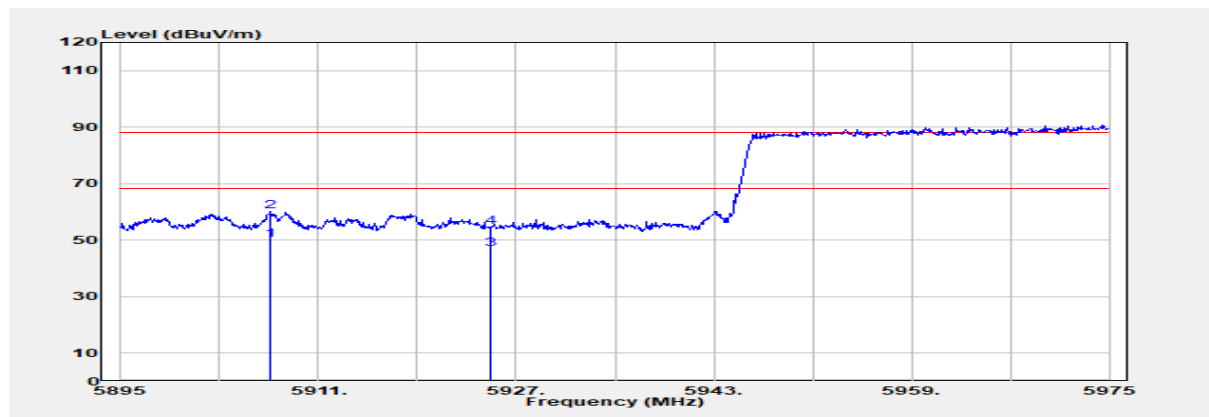
Temp./Humi. :21.2/57

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dB $\mu$ V | Factor<br>dB | Actual<br>FS<br>dB $\mu$ V/m | Limit<br>@3m<br>dB $\mu$ V/m | Margin<br>dB |
|--------------|------------------------------|---|--------------|------------------------------|------------------------------|--------------|
| 5907.160     | Average                      | 45.70                                   | 4.30         | 50.00                        | 68.20                        | -18.20       |
| 5907.160     | Peak                         | 56.00                                   | 4.30         | 60.30                        | 88.20                        | -27.90       |
| 5925.000     | Average                      | 42.36                                   | 4.36         | 46.71                        | 68.20                        | -21.49       |
| 5925.000     | Peak                         | 50.29                                   | 4.36         | 54.65                        | 88.20                        | -33.55       |

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.



Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2021-12-27

Test Frequency :6985 MHz

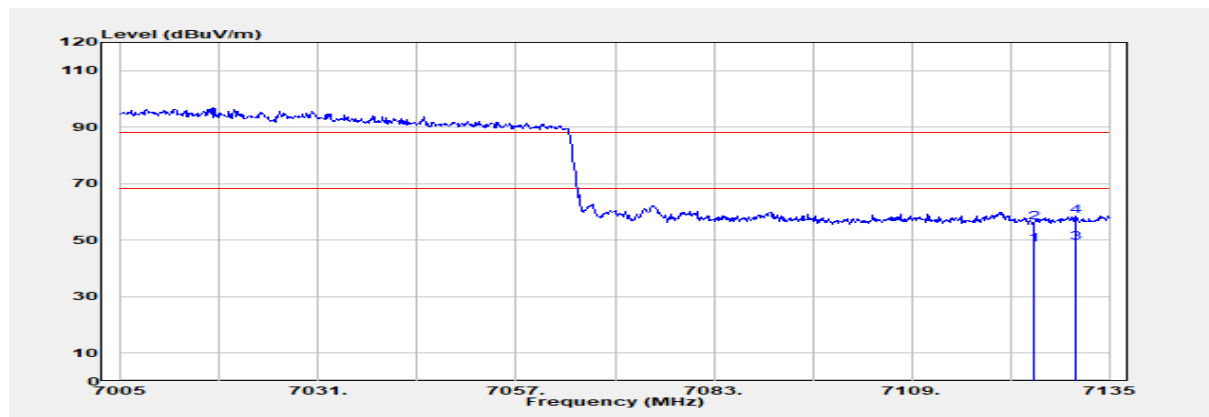
Temp./Humi. :21.2/57

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBUV | Factor<br>dB | Actual<br>FS<br>dBUV/m | Limit<br>@3m<br>dBUV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 7125.000     | Average                      | 41.14                             | 7.39         | 48.52                  | 68.20                  | -19.68       |
| 7125.000     | Peak                         | 48.76                             | 7.39         | 56.14                  | 88.20                  | -32.06       |
| 7130.580     | Average                      | 41.56                             | 7.52         | 49.08                  | 68.20                  | -19.12       |
| 7130.580     | Peak                         | 51.07                             | 7.52         | 58.59                  | 88.20                  | -29.61       |

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.

Report Number :E2/2021/C0069

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2021-12-27

Test Frequency :6985 MHz

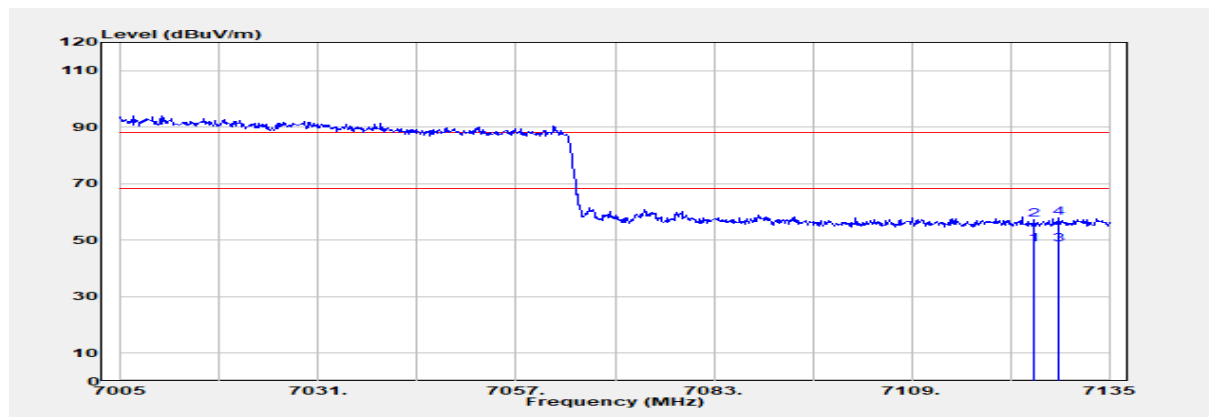
Temp./Humi. :21.2/57

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



| Freq.<br>MHz | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 7125.000     | Average                      | 40.95                             | 7.39         | 48.33                  | 68.20                  | -19.87       |
| 7125.000     | Peak                         | 49.91                             | 7.39         | 57.30                  | 88.20                  | -30.90       |
| 7128.370     | Average                      | 40.95                             | 7.48         | 48.43                  | 68.20                  | -19.77       |
| 7128.370     | Peak                         | 50.26                             | 7.48         | 57.74                  | 88.20                  | -30.46       |

~ 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.