

## SoANNEX A - MEASUREMENT RESULTS

|   |                                                       |     |
|---|-------------------------------------------------------|-----|
| 1 | Maximum Output Power .....                            | 2   |
| 2 | Occupied Bandwidth Measurement .....                  | 31  |
| 3 | Out of Band Emission at Antenna Terminals .....       | 176 |
| 4 | Spurious Emission at Antenna Terminals: .....         | 279 |
| 5 | Field Strength of Spurious Radiation Measurement..... | 320 |
| 6 | Frequency Stability Measurement.....                  | 430 |
| 7 | Peak to Average Ratio .....                           | 447 |
| 8 | Maximum Power Spectral Density.....                   | 478 |

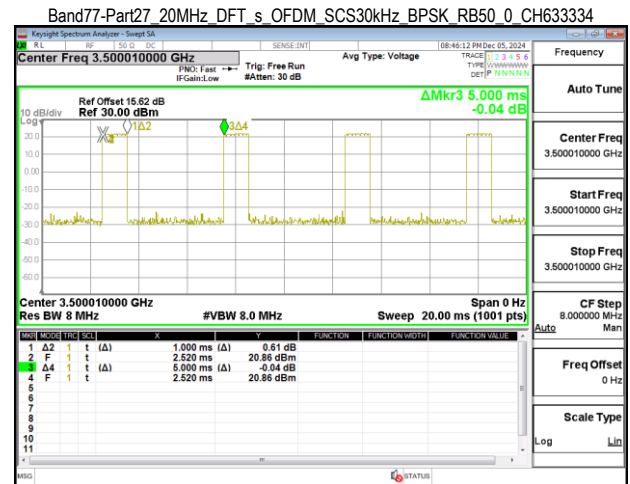
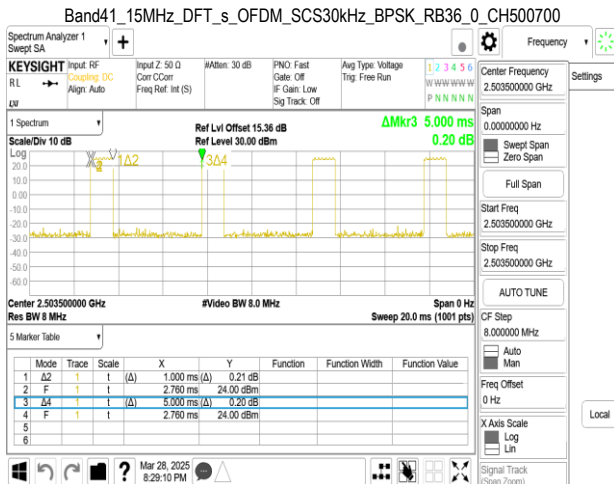
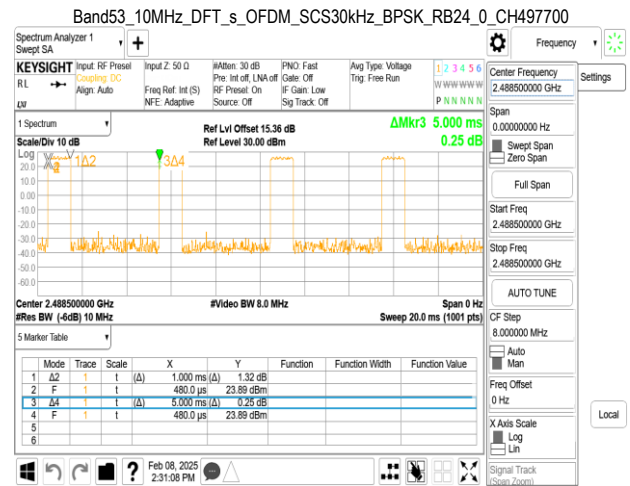
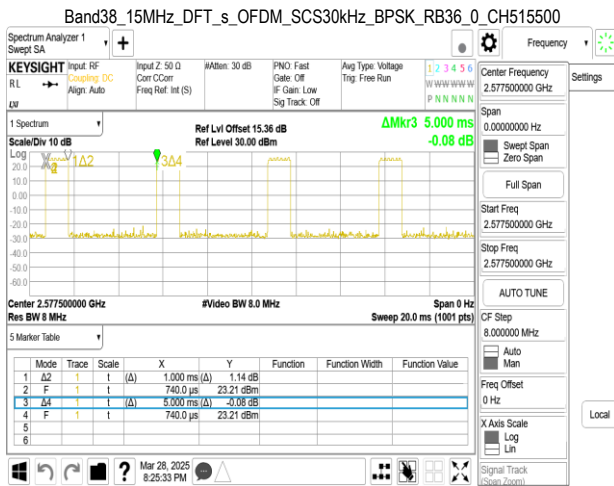
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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 MAXIMUM OUTPUT POWER

| Mode        | Duty Cycle (%)<br>=Ton / (Ton+Toff) | Duty Factor (dB)<br>=10*log ( 1/Duty Cycle ) |
|-------------|-------------------------------------|----------------------------------------------|
| FDD         | 100.00                              | 0.00                                         |
| (TDD)NR_n38 | 20.00                               | 6.99                                         |
| (TDD)NR_n41 | 20.00                               | 6.99                                         |
| (TDD)NR_n53 | 20.00                               | 6.99                                         |
| (TDD)NR_n77 | 20.00                               | 6.99                                         |



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.

| 5G NR Band n2 : 1850 to 1910 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |              |        |
|----------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------------|--------|
| Antenna Gain(dBi)                |           |                 | 2.79          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |              |        |
| EIRP Limit (W)                   |           |                 | 2             |           | Low                             | Mid    | High   | Low                             | Mid          | High   |
| BW (MHz)                         | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 370500                          | 376000 | 381500 | 370500                          | 376000       | 381500 |
|                                  |           |                 |               |           | 1852.5                          | 1880   | 1907.5 | 1852.5                          | 1880         | 1907.5 |
| 5                                | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.91                           | 23.79  | 23.75  | <b>26.70</b>                    | 26.58        | 26.54  |
|                                  |           |                 | 1             | 23        | 23.85                           | 23.80  | 23.48  | 26.64                           | 26.59        | 26.27  |
|                                  |           |                 | 12            | 6         | 23.89                           | 23.70  | 23.72  | 26.68                           | 26.49        | 26.51  |
|                                  |           |                 | 25            | 0         | 23.35                           | 23.23  | 23.18  | 26.14                           | 26.02        | 25.97  |
|                                  |           | DFT-s QPSK      | 1             | 1         | 23.87                           | 23.84  | 23.50  | <b>26.66</b>                    | 26.63        | 26.29  |
|                                  |           |                 | 1             | 23        | 23.73                           | 23.87  | 23.44  | 26.52                           | <b>26.66</b> | 26.23  |
|                                  |           |                 | 12            | 6         | 23.85                           | 23.77  | 23.51  | 26.64                           | 26.56        | 26.30  |
|                                  |           |                 | 25            | 0         | 22.86                           | 22.72  | 22.72  | 25.65                           | 25.51        | 25.51  |
|                                  |           | DFT-s 16QAM     | 1             | 1         | 22.73                           | 22.84  | 22.61  | 25.52                           | <b>25.63</b> | 25.40  |
|                                  |           | DFT-s 64QAM     | 1             | 1         | 21.43                           | 21.95  | 21.59  | 24.22                           | 24.74        | 24.38  |
|                                  |           | DFT-s 256QAM    | 1             | 1         | 19.52                           | 19.82  | 18.55  | 22.31                           | 22.61        | 21.34  |
|                                  |           | CP QPSK         | 1             | 1         | 22.77                           | 22.85  | 22.15  | 25.56                           | <b>25.64</b> | 24.94  |
|                                  |           | CP 16QAM        | 1             | 1         | 22.53                           | 21.57  | 21.84  | <b>25.32</b>                    | 24.36        | 24.63  |
|                                  |           | CP 64QAM        | 1             | 1         | 20.44                           | 20.32  | 19.99  | 23.23                           | 23.11        | 22.78  |
|                                  |           | CP 256QAM       | 1             | 1         | 17.61                           | 17.69  | 17.30  | 20.40                           | 20.48        | 20.09  |
| 5G NR Band n2 : 1850 to 1910 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |              |        |
| Antenna Gain(dBi)                |           |                 | 2.79          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |              |        |
| EIRP Limit (W)                   |           |                 | 2             |           | Low                             | Mid    | High   | Low                             | Mid          | High   |
| BW (MHz)                         | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 371000                          | 376000 | 381000 | 371000                          | 376000       | 381000 |
|                                  |           |                 |               |           | 1855                            | 1880   | 1905   | 1855                            | 1880         | 1905   |
| 10                               | 15        | DFT-s PI/2 BPSK | 1             | 1         | <b>24.02</b>                    | 23.73  | 23.72  | <b>26.81</b>                    | 26.52        | 26.51  |
|                                  |           |                 | 1             | 50        | 23.89                           | 23.63  | 23.45  | 26.68                           | 26.42        | 26.24  |
|                                  |           |                 | 25            | 12        | 23.87                           | 23.72  | 23.68  | 26.66                           | 26.51        | 26.47  |
|                                  |           |                 | 50            | 0         | 23.39                           | 23.30  | 23.26  | 26.18                           | 26.09        | 26.05  |
|                                  |           | DFT-s QPSK      | 1             | 1         | 23.91                           | 23.67  | 23.50  | 26.70                           | 26.46        | 26.29  |
|                                  |           |                 | 1             | 50        | 23.89                           | 23.54  | 23.45  | 26.68                           | 26.33        | 26.24  |
|                                  |           |                 | 25            | 12        | 23.92                           | 23.71  | 23.64  | <b>26.71</b>                    | 26.50        | 26.43  |
|                                  |           |                 | 50            | 0         | 22.88                           | 22.79  | 22.79  | 25.67                           | 25.58        | 25.58  |
|                                  |           | DFT-s 16QAM     | 1             | 1         | 23.15                           | 22.54  | 22.70  | <b>25.94</b>                    | 25.33        | 25.49  |
|                                  |           | DFT-s 64QAM     | 1             | 1         | 21.53                           | 21.74  | 21.63  | 24.32                           | 24.53        | 24.42  |
|                                  |           | DFT-s 256QAM    | 1             | 1         | 19.55                           | 18.98  | 19.48  | 22.34                           | 21.77        | 22.27  |
|                                  |           | CP QPSK         | 1             | 1         | 22.79                           | 22.52  | 22.09  | <b>25.58</b>                    | 25.31        | 24.88  |
|                                  |           | CP 16QAM        | 1             | 1         | 22.25                           | 21.99  | 21.94  | <b>25.04</b>                    | 24.78        | 24.73  |
|                                  |           | CP 64QAM        | 1             | 1         | 20.66                           | 20.27  | 20.25  | 23.45                           | 23.06        | 23.04  |
|                                  |           | CP 256QAM       | 1             | 1         | 17.35                           | 17.31  | 17.68  | 20.14                           | 20.10        | 20.47  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n2 : 1850 to 1910 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |              |              |
|----------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------------|--------------|
| Antenna Gain(dBi)                |           |                 | 2.79          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |              |              |
| EIRP Limit (W)                   |           |                 | 2             |           | Low                             | Mid    | High   | Low                             | Mid          | High         |
| BW (MHz)                         | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 371500                          | 376000 | 380500 | 371500                          | 376000       | 380500       |
|                                  |           |                 |               |           | 1857.5                          | 1880   | 1902.5 | 1857.5                          | 1880         | 1902.5       |
| 15                               | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.96                           | 23.93  | 23.88  | <b>26.75</b>                    | 26.72        | 26.67        |
|                                  |           |                 | 1             | 77        | 23.72                           | 23.86  | 23.81  | 26.51                           | 26.65        | 26.60        |
|                                  |           |                 | 36            | 18        | 23.89                           | 23.87  | 23.75  | 26.68                           | 26.66        | 26.54        |
|                                  |           |                 | 75            | 0         | 23.45                           | 23.34  | 23.23  | 26.24                           | 26.13        | 26.02        |
|                                  |           | DFT-s QPSK      | 1             | 1         | 23.90                           | 23.81  | 23.87  | 26.69                           | 26.60        | 26.66        |
|                                  |           |                 | 1             | 77        | 23.87                           | 23.84  | 23.80  | 26.66                           | 26.63        | 26.59        |
|                                  |           |                 | 36            | 18        | 23.92                           | 23.84  | 23.85  | <b>26.71</b>                    | 26.63        | 26.64        |
|                                  |           |                 | 75            | 0         | 22.97                           | 22.87  | 22.77  | 25.76                           | 25.66        | 25.56        |
|                                  |           | DFT-s 16QAM     | 1             | 1         | 23.08                           | 23.27  | 23.03  | 25.87                           | <b>26.06</b> | 25.82        |
|                                  |           | DFT-s 64QAM     | 1             | 1         | 21.71                           | 21.51  | 21.62  | 24.50                           | 24.30        | 24.41        |
|                                  |           | DFT-s 256QAM    | 1             | 1         | 19.31                           | 19.73  | 19.51  | 22.10                           | 22.52        | 22.30        |
|                                  |           | CP QPSK         | 1             | 1         | 21.75                           | 22.02  | 22.10  | 24.54                           | 24.81        | <b>24.89</b> |
|                                  |           | CP 16QAM        | 1             | 1         | 21.76                           | 21.58  | 21.76  | <b>24.55</b>                    | 24.37        | <b>24.55</b> |
|                                  |           | CP 64QAM        | 1             | 1         | 20.12                           | 20.25  | 20.40  | 22.91                           | 23.04        | 23.19        |
|                                  |           | CP 256QAM       | 1             | 1         | 16.61                           | 17.35  | 17.27  | 19.40                           | 20.14        | 20.06        |
| 5G NR Band n2 : 1850 to 1910 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |              |              |
| Antenna Gain(dBi)                |           |                 | 2.79          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |              |              |
| EIRP Limit (W)                   |           |                 | 2             |           | Low                             | Mid    | High   | Low                             | Mid          | High         |
| BW (MHz)                         | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 372000                          | 376000 | 380000 | 372000                          | 376000       | 380000       |
|                                  |           |                 |               |           | 1860                            | 1880   | 1900   | 1860                            | 1880         | 1900         |
| 20                               | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.99                           | 23.93  | 23.92  | <b>26.78</b>                    | 26.72        | 26.71        |
|                                  |           |                 | 1             | 104       | 23.74                           | 23.80  | 23.71  | 26.53                           | 26.59        | 26.50        |
|                                  |           |                 | 50            | 25        | 23.94                           | 23.83  | 23.74  | 26.73                           | 26.62        | 26.53        |
|                                  |           |                 | 100           | 0         | 23.30                           | 23.30  | 23.22  | 26.09                           | 26.09        | 26.01        |
|                                  |           | DFT-s QPSK      | 1             | 1         | 23.91                           | 23.89  | 23.79  | 26.70                           | 26.68        | 26.58        |
|                                  |           |                 | 1             | 104       | 23.95                           | 23.74  | 23.88  | <b>26.74</b>                    | 26.53        | 26.67        |
|                                  |           |                 | 50            | 25        | 23.89                           | 23.88  | 23.83  | 26.68                           | 26.67        | 26.62        |
|                                  |           |                 | 100           | 0         | 22.91                           | 22.83  | 22.72  | 25.70                           | 25.62        | 25.51        |
|                                  |           | DFT-s 16QAM     | 1             | 1         | 22.85                           | 23.22  | 23.14  | 25.64                           | <b>26.01</b> | 25.93        |
|                                  |           | DFT-s 64QAM     | 1             | 1         | 21.64                           | 21.27  | 21.69  | 24.43                           | 24.06        | 24.48        |
|                                  |           | DFT-s 256QAM    | 1             | 1         | 19.63                           | 19.31  | 19.29  | 22.42                           | 22.10        | 22.08        |
|                                  |           | CP QPSK         | 1             | 1         | 22.56                           | 22.46  | 22.59  | 25.35                           | 25.25        | <b>25.38</b> |
|                                  |           | CP 16QAM        | 1             | 1         | 22.23                           | 22.28  | 22.04  | 25.02                           | <b>25.07</b> | 24.83        |
|                                  |           | CP 64QAM        | 1             | 1         | 20.94                           | 20.40  | 20.54  | 23.73                           | 23.19        | 23.33        |
|                                  |           | CP 256QAM       | 1             | 1         | 17.81                           | 17.35  | 17.78  | 20.60                           | 20.14        | 20.57        |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

| 5G NR Band n5 : 824 to 849 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
|--------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)              |           |                 | 0.38          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                  |           |                 | 7             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                       | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 165300                          | 167300 | 169300 | 165300                          | 167300 | 169300 |
|                                |           |                 |               |           | 826.5                           | 836.5  | 846.5  | 826.5                           | 836.5  | 846.5  |
| 5                              | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.96                           | 23.99  | 23.98  | 22.19                           | 22.22  | 22.21  |
|                                |           |                 | 1             | 23        | 23.84                           | 23.86  | 23.69  | 22.07                           | 22.09  | 21.92  |
|                                |           |                 | 12            | 6         | 23.78                           | 23.92  | 23.87  | 22.01                           | 22.15  | 22.10  |
|                                |           |                 | 25            | 0         | 23.34                           | 23.38  | 23.26  | 21.57                           | 21.61  | 21.49  |
|                                |           | DFT-s QPSK      | 1             | 1         | 23.88                           | 23.76  | 23.77  | 22.11                           | 21.99  | 22.00  |
|                                |           |                 | 1             | 23        | 23.87                           | 23.68  | 23.83  | 22.10                           | 21.91  | 22.06  |
|                                |           |                 | 12            | 6         | 23.81                           | 23.91  | 23.89  | 22.04                           | 22.14  | 22.12  |
|                                |           |                 | 25            | 0         | 22.78                           | 22.97  | 22.84  | 21.01                           | 21.20  | 21.07  |
|                                |           | DFT-s 16QAM     | 1             | 1         | 23.26                           | 23.17  | 22.79  | 21.49                           | 21.40  | 21.02  |
|                                |           | DFT-s 64QAM     | 1             | 1         | 21.40                           | 21.73  | 21.48  | 19.63                           | 19.96  | 19.71  |
|                                |           | DFT-s 256QAM    | 1             | 1         | 20.12                           | 19.88  | 19.57  | 18.35                           | 18.11  | 17.80  |
|                                |           | CP QPSK         | 1             | 1         | 22.43                           | 22.50  | 22.64  | 20.66                           | 20.73  | 20.87  |
|                                |           | CP 16QAM        | 1             | 1         | 22.00                           | 22.33  | 22.43  | 20.23                           | 20.56  | 20.66  |
|                                |           | CP 64QAM        | 1             | 1         | 20.34                           | 20.57  | 20.37  | 18.57                           | 18.80  | 18.60  |
|                                |           | CP 256QAM       | 1             | 1         | 17.54                           | 18.38  | 17.40  | 15.77                           | 16.61  | 15.63  |
| 5G NR Band n5 : 824 to 849 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
| Antenna Gain(dBi)              |           |                 | 0.38          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                  |           |                 | 7             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                       | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 165800                          | 167300 | 168800 | 165800                          | 167300 | 168800 |
|                                |           |                 |               |           | 829                             | 836.5  | 844    | 829                             | 836.5  | 844    |
| 10                             | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.93                           | 23.95  | 23.98  | 22.16                           | 22.18  | 22.21  |
|                                |           |                 | 1             | 50        | 23.89                           | 23.84  | 23.88  | 22.12                           | 22.07  | 22.11  |
|                                |           |                 | 25            | 12        | 23.91                           | 23.91  | 23.89  | 22.14                           | 22.14  | 22.12  |
|                                |           |                 | 50            | 0         | 23.41                           | 23.44  | 23.36  | 21.64                           | 21.67  | 21.59  |
|                                |           | DFT-s QPSK      | 1             | 1         | 23.91                           | 23.95  | 23.96  | 22.14                           | 22.18  | 22.19  |
|                                |           |                 | 1             | 50        | 23.86                           | 23.94  | 23.93  | 22.09                           | 22.17  | 22.16  |
|                                |           |                 | 25            | 12        | 23.91                           | 23.96  | 23.85  | 22.14                           | 22.19  | 22.08  |
|                                |           |                 | 50            | 0         | 22.98                           | 23.04  | 22.94  | 21.21                           | 21.27  | 21.17  |
|                                |           | DFT-s 16QAM     | 1             | 1         | 22.87                           | 23.09  | 23.25  | 21.10                           | 21.32  | 21.48  |
|                                |           | DFT-s 64QAM     | 1             | 1         | 21.48                           | 21.53  | 21.49  | 19.71                           | 19.76  | 19.72  |
|                                |           | DFT-s 256QAM    | 1             | 1         | 19.92                           | 19.53  | 19.60  | 18.15                           | 17.76  | 17.83  |
|                                |           | CP QPSK         | 1             | 1         | 22.68                           | 22.37  | 22.79  | 20.91                           | 20.60  | 21.02  |
|                                |           | CP 16QAM        | 1             | 1         | 22.17                           | 21.61  | 22.20  | 20.40                           | 19.84  | 20.43  |
|                                |           | CP 64QAM        | 1             | 1         | 20.18                           | 20.47  | 20.73  | 18.41                           | 18.70  | 18.96  |
|                                |           | CP 256QAM       | 1             | 1         | 17.59                           | 17.72  | 17.37  | 15.82                           | 15.95  | 15.60  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n5 : 824 to 849 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
|--------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)              |           |                 | 0.38          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                  |           |                 | 7             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                       | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 166300                          | 167300 | 168300 | 166300                          | 167300 | 168300 |
|                                |           |                 |               |           | 831.5                           | 836.5  | 841.5  | 831.5                           | 836.5  | 841.5  |
| 15                             | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.96                           | 23.92  | 24.03  | 22.19                           | 22.15  | 22.26  |
|                                |           |                 | 1             | 77        | 23.91                           | 23.84  | 23.78  | 22.14                           | 22.07  | 22.01  |
|                                |           |                 | 36            | 18        | 23.94                           | 23.96  | 23.95  | 22.17                           | 22.19  | 22.18  |
|                                |           |                 | 75            | 0         | 23.46                           | 23.46  | 23.52  | 21.69                           | 21.69  | 21.75  |
|                                |           | DFT-s QPSK      | 1             | 1         | 23.60                           | 23.92  | 23.87  | 21.83                           | 22.15  | 22.10  |
|                                |           |                 | 1             | 77        | 23.67                           | 23.90  | 23.88  | 21.90                           | 22.13  | 22.11  |
|                                |           |                 | 36            | 18        | 23.92                           | 23.89  | 23.95  | 22.15                           | 22.12  | 22.18  |
|                                |           |                 | 75            | 0         | 23.01                           | 23.01  | 23.01  | 21.24                           | 21.24  | 21.24  |
|                                |           | DFT-s 16QAM     | 1             | 1         | 23.08                           | 23.12  | 23.01  | 21.31                           | 21.35  | 21.24  |
|                                |           | DFT-s 64QAM     | 1             | 1         | 21.46                           | 21.81  | 21.62  | 19.69                           | 20.04  | 19.85  |
|                                |           | DFT-s 256QAM    | 1             | 1         | 19.95                           | 19.71  | 19.67  | 18.18                           | 17.94  | 17.90  |
|                                |           | CP QPSK         | 1             | 1         | 22.61                           | 22.62  | 22.06  | 20.84                           | 20.85  | 20.29  |
|                                |           | CP 16QAM        | 1             | 1         | 21.90                           | 21.70  | 22.15  | 20.13                           | 19.93  | 20.38  |
|                                |           | CP 64QAM        | 1             | 1         | 20.29                           | 20.51  | 20.87  | 18.52                           | 18.74  | 19.10  |
|                                |           | CP 256QAM       | 1             | 1         | 17.49                           | 17.44  | 17.50  | 15.72                           | 15.67  | 15.73  |
| 5G NR Band n5 : 824 to 849 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
| Antenna Gain(dBi)              |           |                 | 0.38          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                  |           |                 | 7             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                       | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 166800                          | 167300 | 167800 | 166800                          | 167300 | 167800 |
|                                |           |                 |               |           | 834                             | 836.5  | 839    | 834                             | 836.5  | 839    |
| 20                             | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.99                           | 23.95  | 23.97  | 22.22                           | 22.18  | 22.20  |
|                                |           |                 | 1             | 104       | 23.83                           | 23.82  | 23.85  | 22.06                           | 22.05  | 22.08  |
|                                |           |                 | 50            | 25        | 23.93                           | 23.86  | 23.97  | 22.16                           | 22.09  | 22.20  |
|                                |           |                 | 100           | 0         | 23.41                           | 23.41  | 23.42  | 21.64                           | 21.64  | 21.65  |
|                                |           | DFT-s QPSK      | 1             | 1         | 23.90                           | 23.88  | 23.98  | 22.13                           | 22.11  | 22.21  |
|                                |           |                 | 1             | 104       | 23.76                           | 23.86  | 23.82  | 21.99                           | 22.09  | 22.05  |
|                                |           |                 | 50            | 25        | 23.98                           | 23.90  | 23.79  | 22.21                           | 22.13  | 22.02  |
|                                |           |                 | 100           | 0         | 23.03                           | 22.91  | 22.89  | 21.26                           | 21.14  | 21.12  |
|                                |           | DFT-s 16QAM     | 1             | 1         | 23.06                           | 22.99  | 22.76  | 21.29                           | 21.22  | 20.99  |
|                                |           | DFT-s 64QAM     | 1             | 1         | 21.24                           | 21.55  | 21.66  | 19.47                           | 19.78  | 19.89  |
|                                |           | DFT-s 256QAM    | 1             | 1         | 19.86                           | 19.73  | 19.83  | 18.09                           | 17.96  | 18.06  |
|                                |           | CP QPSK         | 1             | 1         | 22.36                           | 22.30  | 22.59  | 20.59                           | 20.53  | 20.82  |
|                                |           | CP 16QAM        | 1             | 1         | 21.95                           | 21.87  | 22.14  | 20.18                           | 20.10  | 20.37  |
|                                |           | CP 64QAM        | 1             | 1         | 20.69                           | 20.48  | 20.88  | 18.92                           | 18.71  | 19.11  |
|                                |           | CP 256QAM       | 1             | 1         | 17.71                           | 17.39  | 18.03  | 15.94                           | 15.62  | 16.26  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n7 : 2500 to 2570 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
|----------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)                |           |                 | 1.19          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                   |           |                 | 2             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                         | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 500500                          | 507000 | 513500 | 500500                          | 507000 | 513500 |
|                                  |           |                 |               |           | 2502.5                          | 2535   | 2567.5 | 2502.5                          | 2535   | 2567.5 |
| 5                                | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.76                           | 23.76  | 23.86  | 24.95                           | 24.95  | 25.05  |
|                                  |           |                 | 1             | 23        | 23.60                           | 23.75  | 23.74  | 24.79                           | 24.94  | 24.93  |
|                                  |           |                 | 12            | 6         | 23.68                           | 23.74  | 23.83  | 24.87                           | 24.93  | 25.02  |
|                                  |           |                 | 25            | 0         | 23.23                           | 23.29  | 23.30  | 24.42                           | 24.48  | 24.49  |
|                                  |           | DFT-s QPSK      | 1             | 1         | 23.44                           | 23.77  | 23.60  | 24.63                           | 24.96  | 24.79  |
|                                  |           |                 | 1             | 23        | 23.67                           | 23.71  | 23.45  | 24.86                           | 24.90  | 24.64  |
|                                  |           |                 | 12            | 6         | 23.53                           | 23.83  | 23.77  | 24.72                           | 25.02  | 24.96  |
|                                  |           |                 | 25            | 0         | 22.74                           | 22.71  | 22.91  | 23.93                           | 23.90  | 24.10  |
|                                  |           | DFT-s 16QAM     | 1             | 1         | 22.66                           | 22.87  | 22.86  | 23.85                           | 24.06  | 24.05  |
|                                  |           | DFT-s 64QAM     | 1             | 1         | 21.28                           | 21.91  | 21.32  | 22.47                           | 23.10  | 22.51  |
|                                  |           | DFT-s 256QAM    | 1             | 1         | 18.92                           | 19.52  | 18.89  | 20.11                           | 20.71  | 20.08  |
|                                  |           | CP QPSK         | 1             | 1         | 22.22                           | 22.38  | 22.20  | 23.41                           | 23.57  | 23.39  |
|                                  |           | CP 16QAM        | 1             | 1         | 21.75                           | 21.88  | 22.05  | 22.94                           | 23.07  | 23.24  |
|                                  |           | CP 64QAM        | 1             | 1         | 20.71                           | 20.28  | 20.62  | 21.90                           | 21.47  | 21.81  |
|                                  |           | CP 256QAM       | 1             | 1         | 17.33                           | 17.70  | 17.53  | 18.52                           | 18.89  | 18.72  |
| 5G NR Band n7 : 2500 to 2570 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
| Antenna Gain(dBi)                |           |                 | 1.19          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                   |           |                 | 2             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                         | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 501000                          | 507000 | 513000 | 501000                          | 507000 | 513000 |
|                                  |           |                 |               |           | 2505                            | 2535   | 2565   | 2505                            | 2535   | 2565   |
| 10                               | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.97                           | 23.78  | 23.73  | 25.16                           | 24.97  | 24.92  |
|                                  |           |                 | 1             | 50        | 23.68                           | 23.54  | 23.83  | 24.87                           | 24.73  | 25.02  |
|                                  |           |                 | 25            | 12        | 23.70                           | 23.53  | 23.78  | 24.89                           | 24.72  | 24.97  |
|                                  |           |                 | 50            | 0         | 23.40                           | 23.18  | 23.35  | 24.59                           | 24.37  | 24.54  |
|                                  |           | DFT-s QPSK      | 1             | 1         | 23.11                           | 23.47  | 23.62  | 24.30                           | 24.66  | 24.81  |
|                                  |           |                 | 1             | 50        | 23.51                           | 23.44  | 23.75  | 24.70                           | 24.63  | 24.94  |
|                                  |           |                 | 25            | 12        | 23.80                           | 23.73  | 23.81  | 24.99                           | 24.92  | 25.00  |
|                                  |           |                 | 50            | 0         | 22.95                           | 22.82  | 22.77  | 24.14                           | 24.01  | 23.96  |
|                                  |           | DFT-s 16QAM     | 1             | 1         | 22.83                           | 22.52  | 22.70  | 24.02                           | 23.71  | 23.89  |
|                                  |           | DFT-s 64QAM     | 1             | 1         | 20.97                           | 21.28  | 21.62  | 22.16                           | 22.47  | 22.81  |
|                                  |           | DFT-s 256QAM    | 1             | 1         | 18.84                           | 19.22  | 19.24  | 20.03                           | 20.41  | 20.43  |
|                                  |           | CP QPSK         | 1             | 1         | 22.67                           | 22.24  | 22.31  | 23.86                           | 23.43  | 23.50  |
|                                  |           | CP 16QAM        | 1             | 1         | 22.14                           | 21.83  | 22.04  | 23.33                           | 23.02  | 23.23  |
|                                  |           | CP 64QAM        | 1             | 1         | 20.47                           | 20.59  | 20.45  | 21.66                           | 21.78  | 21.64  |
|                                  |           | CP 256QAM       | 1             | 1         | 17.70                           | 17.76  | 17.06  | 18.89                           | 18.95  | 18.25  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n7 : 2500 to 2570 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
|----------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)                |           |                 | 1.19          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                   |           |                 | 2             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                         | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 501500                          | 507000 | 512500 | 501500                          | 507000 | 512500 |
|                                  |           |                 |               |           | 2507.5                          | 2535   | 2562.5 | 2507.5                          | 2535   | 2562.5 |
| 15                               | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.85                           | 23.89  | 23.90  | 25.04                           | 25.08  | 25.09  |
|                                  |           |                 | 1             | 77        | 23.76                           | 23.76  | 23.89  | 24.95                           | 24.95  | 25.08  |
|                                  |           |                 | 36            | 18        | 23.78                           | 23.75  | 23.82  | 24.97                           | 24.94  | 25.01  |
|                                  |           |                 | 75            | 0         | 23.33                           | 23.24  | 23.34  | 24.52                           | 24.43  | 24.53  |
|                                  |           | DFT-s QPSK      | 1             | 1         | 23.63                           | 23.81  | 23.65  | 24.82                           | 25.00  | 24.84  |
|                                  |           |                 | 1             | 77        | 23.65                           | 23.87  | 23.76  | 24.84                           | 25.06  | 24.95  |
|                                  |           |                 | 36            | 18        | 23.79                           | 23.77  | 23.85  | 24.98                           | 24.96  | 25.04  |
|                                  |           |                 | 75            | 0         | 22.74                           | 22.75  | 22.98  | 23.93                           | 23.94  | 24.17  |
|                                  |           | DFT-s 16QAM     | 1             | 1         | 22.97                           | 22.79  | 22.89  | 24.16                           | 23.98  | 24.08  |
|                                  |           | DFT-s 64QAM     | 1             | 1         | 21.07                           | 21.20  | 21.82  | 22.26                           | 22.39  | 23.01  |
|                                  |           | DFT-s 256QAM    | 1             | 1         | 19.36                           | 19.20  | 19.64  | 20.55                           | 20.39  | 20.83  |
|                                  |           | CP QPSK         | 1             | 1         | 22.14                           | 22.35  | 22.59  | 23.33                           | 23.54  | 23.78  |
|                                  |           | CP 16QAM        | 1             | 1         | 21.87                           | 21.97  | 21.85  | 23.06                           | 23.16  | 23.04  |
|                                  |           | CP 64QAM        | 1             | 1         | 19.92                           | 20.57  | 20.54  | 21.11                           | 21.76  | 21.73  |
|                                  |           | CP 256QAM       | 1             | 1         | 17.47                           | 17.23  | 18.01  | 18.66                           | 18.42  | 19.20  |

| 5G NR Band n7 : 2500 to 2570 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
|----------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)                |           |                 | 1.19          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                   |           |                 | 2             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                         | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 502000                          | 507000 | 512000 | 502000                          | 507000 | 512000 |
|                                  |           |                 |               |           | 2510                            | 2535   | 2560   | 2510                            | 2535   | 2560   |
| 20                               | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.91                           | 23.72  | 23.85  | 25.10                           | 24.91  | 25.04  |
|                                  |           |                 | 1             | 104       | 23.83                           | 23.55  | 23.56  | 25.02                           | 24.74  | 24.75  |
|                                  |           |                 | 50            | 25        | 23.78                           | 23.68  | 23.77  | 24.97                           | 24.87  | 24.96  |
|                                  |           |                 | 100           | 0         | 23.38                           | 23.21  | 23.21  | 24.57                           | 24.40  | 24.40  |
|                                  |           | DFT-s QPSK      | 1             | 1         | 23.77                           | 23.69  | 23.82  | 24.96                           | 24.88  | 25.01  |
|                                  |           |                 | 1             | 104       | 23.55                           | 23.70  | 23.77  | 24.74                           | 24.89  | 24.96  |
|                                  |           |                 | 50            | 25        | 23.74                           | 23.71  | 23.72  | 24.93                           | 24.90  | 24.91  |
|                                  |           |                 | 100           | 0         | 22.79                           | 22.71  | 22.78  | 23.98                           | 23.90  | 23.97  |
|                                  |           | DFT-s 16QAM     | 1             | 1         | 22.77                           | 23.02  | 23.00  | 23.96                           | 24.21  | 24.19  |
|                                  |           | DFT-s 64QAM     | 1             | 1         | 21.61                           | 21.27  | 21.63  | 22.80                           | 22.46  | 22.82  |
|                                  |           | DFT-s 256QAM    | 1             | 1         | 19.32                           | 19.32  | 19.44  | 20.51                           | 20.51  | 20.63  |
|                                  |           | CP QPSK         | 1             | 1         | 22.11                           | 22.04  | 22.34  | 23.30                           | 23.23  | 23.53  |
|                                  |           | CP 16QAM        | 1             | 1         | 21.80                           | 21.52  | 22.02  | 22.99                           | 22.71  | 23.21  |
|                                  |           | CP 64QAM        | 1             | 1         | 20.70                           | 20.36  | 20.91  | 21.89                           | 21.55  | 22.10  |
|                                  |           | CP 256QAM       | 1             | 1         | 17.03                           | 17.40  | 17.33  | 18.22                           | 18.59  | 18.52  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n12 : 699 to 716 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
|---------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)               |           |                 | -2.08         |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                   |           |                 | 3             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                        | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 140300                          | 141500 | 142700 | 140300                          | 141500 | 142700 |
|                                 |           |                 |               |           | 701.5                           | 707.5  | 713.5  | 701.5                           | 707.5  | 713.5  |
| 5                               | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.11                           | 23.23  | 23.30  | 18.88                           | 19.00  | 19.07  |
|                                 |           |                 | 1             | 23        | 22.95                           | 23.17  | 22.99  | 18.72                           | 18.94  | 18.76  |
|                                 |           |                 | 12            | 6         | 23.09                           | 23.21  | 23.14  | 18.86                           | 18.98  | 18.91  |
|                                 |           |                 | 25            | 0         | 22.69                           | 22.99  | 22.83  | 18.46                           | 18.76  | 18.60  |
|                                 |           | DFT-s QPSK      | 1             | 1         | 23.08                           | 23.01  | 23.23  | 18.85                           | 18.78  | 19.00  |
|                                 |           |                 | 1             | 23        | 22.90                           | 23.18  | 23.21  | 18.67                           | 18.95  | 18.98  |
|                                 |           |                 | 12            | 6         | 23.07                           | 23.18  | 23.22  | 18.84                           | 18.95  | 18.99  |
|                                 |           |                 | 25            | 0         | 22.35                           | 22.46  | 22.41  | 18.12                           | 18.23  | 18.18  |
|                                 |           | DFT-s 16QAM     | 1             | 1         | 22.60                           | 22.30  | 22.48  | 18.37                           | 18.07  | 18.25  |
|                                 |           | DFT-s 64QAM     | 1             | 1         | 21.11                           | 20.67  | 21.47  | 16.88                           | 16.44  | 17.24  |
|                                 |           | DFT-s 256QAM    | 1             | 1         | 19.37                           | 19.03  | 19.14  | 15.14                           | 14.80  | 14.91  |
|                                 |           | CP QPSK         | 1             | 1         | 22.14                           | 21.62  | 22.15  | 17.91                           | 17.39  | 17.92  |
|                                 |           | CP 16QAM        | 1             | 1         | 21.76                           | 21.61  | 21.20  | 17.53                           | 17.38  | 16.97  |
|                                 |           | CP 64QAM        | 1             | 1         | 20.07                           | 19.78  | 19.97  | 15.84                           | 15.55  | 15.74  |
|                                 |           | CP 256QAM       | 1             | 1         | 17.42                           | 17.01  | 17.31  | 13.19                           | 12.78  | 13.08  |
| 5G NR Band n12 : 699 to 716 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
| Antenna Gain(dBi)               |           |                 | -2.08         |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                   |           |                 | 3             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                        | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 140800                          | 141500 | 142200 | 140800                          | 141500 | 142200 |
|                                 |           |                 |               |           | 704                             | 707.5  | 711    | 704                             | 707.5  | 711    |
| 10                              | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.63                           | 23.29  | 23.33  | 19.40                           | 19.06  | 19.10  |
|                                 |           |                 | 1             | 50        | 23.39                           | 23.10  | 23.17  | 19.16                           | 18.87  | 18.94  |
|                                 |           |                 | 25            | 12        | 22.65                           | 23.05  | 23.22  | 18.42                           | 18.82  | 18.99  |
|                                 |           |                 | 50            | 0         | 22.57                           | 22.99  | 22.96  | 18.34                           | 18.76  | 18.73  |
|                                 |           | DFT-s QPSK      | 1             | 1         | 23.38                           | 23.13  | 23.23  | 19.15                           | 18.90  | 19.00  |
|                                 |           |                 | 1             | 50        | 23.48                           | 23.06  | 23.20  | 19.25                           | 18.83  | 18.97  |
|                                 |           |                 | 25            | 12        | 22.66                           | 23.22  | 23.21  | 18.43                           | 18.99  | 18.98  |
|                                 |           |                 | 50            | 0         | 22.17                           | 22.39  | 22.48  | 17.94                           | 18.16  | 18.25  |
|                                 |           | DFT-s 16QAM     | 1             | 1         | 22.51                           | 21.78  | 22.67  | 18.28                           | 17.55  | 18.44  |
|                                 |           | DFT-s 64QAM     | 1             | 1         | 21.08                           | 20.77  | 20.97  | 16.85                           | 16.54  | 16.74  |
|                                 |           | DFT-s 256QAM    | 1             | 1         | 19.49                           | 18.92  | 19.00  | 15.26                           | 14.69  | 14.77  |
|                                 |           | CP QPSK         | 1             | 1         | 22.30                           | 21.20  | 22.15  | 18.07                           | 16.97  | 17.92  |
|                                 |           | CP 16QAM        | 1             | 1         | 21.75                           | 20.90  | 21.61  | 17.52                           | 16.67  | 17.38  |
|                                 |           | CP 64QAM        | 1             | 1         | 19.62                           | 19.87  | 20.22  | 15.39                           | 15.64  | 15.99  |
|                                 |           | CP 256QAM       | 1             | 1         | 16.93                           | 17.08  | 16.82  | 12.70                           | 12.85  | 12.59  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n12 : 699 to 716 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
|---------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)               |           |                 | -2.08         |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                   |           |                 | 3             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                        | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 141300                          | 141500 | 141700 | 141300                          | 141500 | 141700 |
|                                 |           |                 |               |           | 706.5                           | 707.5  | 708.5  | 706.5                           | 707.5  | 708.5  |
| 15                              | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.28                           | 23.20  | 23.26  | 19.05                           | 18.97  | 19.03  |
|                                 |           |                 | 1             | 77        | 23.12                           | 23.19  | 23.03  | 18.89                           | 18.96  | 18.80  |
|                                 |           |                 | 36            | 18        | 23.11                           | 23.15  | 23.05  | 18.88                           | 18.92  | 18.82  |
|                                 |           |                 | 75            | 0         | 22.96                           | 22.96  | 22.84  | 18.73                           | 18.73  | 18.61  |
|                                 |           | DFT-s QPSK      | 1             | 1         | 23.14                           | 23.10  | 23.18  | 18.91                           | 18.87  | 18.95  |
|                                 |           |                 | 1             | 77        | 23.16                           | 22.63  | 23.14  | 18.93                           | 18.40  | 18.91  |
|                                 |           |                 | 36            | 18        | 23.25                           | 23.17  | 23.15  | 19.02                           | 18.94  | 18.92  |
|                                 |           |                 | 75            | 0         | 22.32                           | 22.38  | 22.37  | 18.09                           | 18.15  | 18.14  |
|                                 |           | DFT-s 16QAM     | 1             | 1         | 22.54                           | 22.20  | 22.22  | 18.31                           | 17.97  | 17.99  |
|                                 |           | DFT-s 64QAM     | 1             | 1         | 21.39                           | 20.96  | 21.12  | 17.16                           | 16.73  | 16.89  |
|                                 |           | DFT-s 256QAM    | 1             | 1         | 19.38                           | 19.28  | 19.20  | 15.15                           | 15.05  | 14.97  |
|                                 |           | CP QPSK         | 1             | 1         | 21.82                           | 21.87  | 21.15  | 17.59                           | 17.64  | 16.92  |
|                                 |           | CP 16QAM        | 1             | 1         | 21.05                           | 21.29  | 20.90  | 16.82                           | 17.06  | 16.67  |
|                                 |           | CP 64QAM        | 1             | 1         | 19.79                           | 19.91  | 20.03  | 15.56                           | 15.68  | 15.80  |
|                                 |           | CP 256QAM       | 1             | 1         | 16.88                           | 17.23  | 17.38  | 12.65                           | 13.00  | 13.15  |

| 5G NR Band n13 : 777 to 787 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
|---------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)               |           |                 | -2.08         |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                   |           |                 | 3             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                        | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 155900                          | 156400 | 156900 | 155900                          | 156400 | 156900 |
|                                 |           |                 |               |           | 779.5                           | 782    | 784.5  | 779.5                           | 782    | 784.5  |
| 5                               | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.44                           | 23.35  | 23.42  | 19.21                           | 19.12  | 19.19  |
|                                 |           |                 | 1             | 23        | 23.08                           | 23.05  | 23.12  | 18.85                           | 18.82  | 18.89  |
|                                 |           |                 | 12            | 6         | 23.39                           | 23.26  | 23.29  | 19.16                           | 19.03  | 19.06  |
|                                 |           |                 | 25            | 0         | 23.01                           | 23.04  | 22.95  | 18.78                           | 18.81  | 18.72  |
|                                 |           | DFT-s QPSK      | 1             | 1         | 23.49                           | 23.43  | 23.26  | 19.26                           | 19.20  | 19.03  |
|                                 |           |                 | 1             | 23        | 23.25                           | 23.28  | 23.06  | 19.02                           | 19.05  | 18.83  |
|                                 |           |                 | 12            | 6         | 23.32                           | 23.32  | 23.33  | 19.09                           | 19.09  | 19.10  |
|                                 |           |                 | 25            | 0         | 22.48                           | 22.56  | 22.47  | 18.25                           | 18.33  | 18.24  |
|                                 |           | DFT-s 16QAM     | 1             | 1         | 22.15                           | 22.51  | 22.57  | 17.92                           | 18.28  | 18.34  |
|                                 |           | DFT-s 64QAM     | 1             | 1         | 20.55                           | 20.31  | 20.87  | 16.32                           | 16.08  | 16.64  |
|                                 |           | DFT-s 256QAM    | 1             | 1         | 18.07                           | 19.38  | 19.58  | 13.84                           | 15.15  | 15.35  |
|                                 |           | CP QPSK         | 1             | 1         | 21.59                           | 22.18  | 21.85  | 17.36                           | 17.95  | 17.62  |
|                                 |           | CP 16QAM        | 1             | 1         | 21.14                           | 21.56  | 21.22  | 16.91                           | 17.33  | 16.99  |
|                                 |           | CP 64QAM        | 1             | 1         | 19.43                           | 20.69  | 19.66  | 15.20                           | 16.46  | 15.43  |
|                                 |           | CP 256QAM       | 1             | 1         | 16.65                           | 17.20  | 17.39  | 12.42                           | 12.97  | 13.16  |

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

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n13 : 777 to 787 MHz |           |                 |               |           | Conducted Average (dBm)         |        |  | ERP (dBm)                       |        |      |
|---------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--|---------------------------------|--------|------|
| Antenna Gain(dBi)               |           |                 | -2.08         |           | Channel (ARFCH)/ Frequency(MHz) |        |  | Channel (ARFCH)/ Frequency(MHz) |        |      |
| ERP Limit (W)                   |           |                 | 3             |           |                                 | Mid    |  | Low                             | Mid    | High |
| BW (MHz)                        | SCS (kHz) | Modulation      | RB Allocation | RB Offset |                                 | 156400 |  |                                 | 156400 |      |
|                                 |           |                 |               |           |                                 | 782    |  |                                 | 782    |      |
| 10                              | 15        | DFT-s PI/2 BPSK | 1             | 1         |                                 | 23.29  |  |                                 | 19.06  |      |
|                                 |           |                 | 1             | 50        |                                 | 23.10  |  |                                 | 18.87  |      |
|                                 |           |                 | 25            | 12        |                                 | 23.37  |  |                                 | 19.14  |      |
|                                 |           |                 | 50            | 0         |                                 | 22.92  |  |                                 | 18.69  |      |
|                                 |           | DFT-s QPSK      | 1             | 1         |                                 | 22.98  |  |                                 | 18.75  |      |
|                                 |           |                 | 1             | 50        |                                 | 22.85  |  |                                 | 18.62  |      |
|                                 |           |                 | 25            | 12        |                                 | 23.26  |  |                                 | 19.03  |      |
|                                 |           |                 | 50            | 0         |                                 | 22.67  |  |                                 | 18.44  |      |
|                                 |           | DFT-s 16QAM     | 25            | 12        |                                 | 22.29  |  |                                 | 18.06  |      |
|                                 |           | DFT-s 64QAM     | 25            | 12        |                                 | 20.90  |  |                                 | 16.67  |      |
|                                 |           | DFT-s 256QAM    | 25            | 12        |                                 | 19.01  |  |                                 | 14.78  |      |
|                                 |           | CP QPSK         | 26            | 13        |                                 | 22.12  |  |                                 | 17.89  |      |
|                                 |           | CP 16QAM        | 26            | 13        |                                 | 21.43  |  |                                 | 17.20  |      |
|                                 |           | CP 64QAM        | 26            | 13        |                                 | 19.79  |  |                                 | 15.56  |      |
|                                 |           | CP 256QAM       | 26            | 13        |                                 | 17.11  |  |                                 | 12.88  |      |

| 5G NR Band n14 : 788 to 798 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
|---------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)               |           |                 | -2.08         |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                   |           |                 | 3             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                        | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 158100                          | 158600 | 189100 | 158100                          | 158600 | 189100 |
|                                 |           |                 |               |           | 790.5                           | 793    | 795.5  | 790.5                           | 793    | 795.5  |
| 5                               | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.32                           | 23.30  | 23.35  | 19.09                           | 19.07  | 19.12  |
|                                 |           |                 | 1             | 23        | 23.26                           | 23.28  | 23.34  | 19.03                           | 19.05  | 19.11  |
|                                 |           |                 | 12            | 6         | 23.21                           | 23.22  | 23.06  | 18.98                           | 18.99  | 18.83  |
|                                 |           |                 | 25            | 0         | 22.90                           | 22.90  | 22.82  | 18.67                           | 18.67  | 18.59  |
|                                 |           | DFT-s QPSK      | 1             | 1         | 22.99                           | 23.02  | 23.08  | 18.76                           | 18.79  | 18.85  |
|                                 |           |                 | 1             | 23        | 23.16                           | 23.09  | 23.28  | 18.93                           | 18.86  | 19.05  |
|                                 |           |                 | 12            | 6         | 23.27                           | 23.28  | 23.01  | 19.04                           | 19.05  | 18.78  |
|                                 |           |                 | 25            | 0         | 22.44                           | 22.39  | 22.25  | 18.21                           | 18.16  | 18.02  |
|                                 |           | DFT-s 16QAM     | 1             | 1         | 22.44                           | 22.45  | 22.81  | 18.21                           | 18.22  | 18.58  |
|                                 |           | DFT-s 64QAM     | 1             | 1         | 20.95                           | 20.94  | 20.68  | 16.72                           | 16.71  | 16.45  |
|                                 |           | DFT-s 256QAM    | 1             | 1         | 18.63                           | 18.56  | 19.63  | 14.40                           | 14.33  | 15.40  |
|                                 |           | CP QPSK         | 1             | 1         | 22.12                           | 22.15  | 21.89  | 17.89                           | 17.92  | 17.66  |
|                                 |           | CP 16QAM        | 1             | 1         | 21.60                           | -58.38 | 21.41  | 17.37                           | -62.61 | 17.18  |
|                                 |           | CP 64QAM        | 1             | 1         | 20.04                           | 20.06  | 19.75  | 15.81                           | 15.83  | 15.52  |
|                                 |           | CP 256QAM       | 1             | 1         | 17.28                           | 17.30  | 16.89  | 13.05                           | 13.07  | 12.66  |

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

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n14 : 788 to 798 MHz   |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
|-----------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)                 |           |                 | -2.08         |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                     |           |                 | 3             |           |                                 | Mid    |        | Low                             | Mid    | High   |
| BW (MHz)                          | SCS (kHz) | Modulation      | RB Allocation | RB Offset |                                 | 158600 |        |                                 | 158600 |        |
|                                   |           |                 |               |           |                                 | 793    |        |                                 | 793    |        |
| 10                                | 15        | DFT-s PI/2 BPSK | 1             | 1         |                                 | 23.45  |        |                                 | 19.22  |        |
|                                   |           |                 | 1             | 50        |                                 | 23.25  |        |                                 | 19.02  |        |
|                                   |           |                 | 25            | 12        |                                 | 23.19  |        |                                 | 18.96  |        |
|                                   |           |                 | 50            | 0         |                                 | 22.88  |        |                                 | 18.65  |        |
|                                   |           | DFT-s QPSK      | 1             | 1         |                                 | 23.50  |        |                                 | 19.27  |        |
|                                   |           |                 | 1             | 50        |                                 | 23.23  |        |                                 | 19.00  |        |
|                                   |           |                 | 25            | 12        |                                 | 23.25  |        |                                 | 19.02  |        |
|                                   |           |                 | 50            | 0         |                                 | 22.37  |        |                                 | 18.14  |        |
|                                   |           | DFT-s 16QAM     | 1             | 1         |                                 | 22.82  |        |                                 | 18.59  |        |
|                                   |           | DFT-s 64QAM     | 1             | 1         |                                 | 21.24  |        |                                 | 17.01  |        |
|                                   |           | DFT-s 256QAM    | 1             | 1         |                                 | 19.18  |        |                                 | 14.95  |        |
|                                   |           | CP QPSK         | 1             | 1         |                                 | 22.06  |        |                                 | 17.83  |        |
|                                   |           | CP 16QAM        | 1             | 1         |                                 | 21.43  |        |                                 | 17.20  |        |
|                                   |           | CP 64QAM        | 1             | 1         |                                 | 20.04  |        |                                 | 15.81  |        |
|                                   |           | CP 256QAM       | 1             | 1         |                                 | 17.25  |        |                                 | 13.02  |        |
| 5G NR Band n25 : 1850 to 1915 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
| Antenna Gain(dBi)                 |           |                 | 2.79          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                    |           |                 | 2             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                          | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 370500                          | 376500 | 382500 | 370500                          | 376500 | 382500 |
|                                   |           |                 |               |           | 1852.5                          | 1882.5 | 1912.5 | 1852.5                          | 1882.5 | 1912.5 |
| 5                                 | 15        | DFT-s PI/2 BPSK | 1             | 1         | 24.06                           | 23.79  | 23.68  | 26.85                           | 26.58  | 26.47  |
|                                   |           |                 | 1             | 23        | 23.96                           | 23.76  | 23.63  | 26.75                           | 26.55  | 26.42  |
|                                   |           |                 | 12            | 6         | 23.95                           | 23.66  | 23.74  | 26.74                           | 26.45  | 26.53  |
|                                   |           |                 | 25            | 0         | 23.48                           | 23.15  | 23.26  | 26.27                           | 25.94  | 26.05  |
|                                   |           | DFT-s QPSK      | 1             | 1         | 23.72                           | 23.60  | 23.51  | 26.51                           | 26.39  | 26.30  |
|                                   |           |                 | 1             | 23        | 23.74                           | 23.59  | 23.51  | 26.53                           | 26.38  | 26.30  |
|                                   |           |                 | 12            | 6         | 23.79                           | 23.65  | 23.81  | 26.58                           | 26.44  | 26.60  |
|                                   |           |                 | 25            | 0         | 23.03                           | 22.65  | 22.74  | 25.82                           | 25.44  | 25.53  |
|                                   |           | DFT-s 16QAM     | 1             | 1         | 22.96                           | 23.04  | 22.88  | 25.75                           | 25.83  | 25.67  |
|                                   |           | DFT-s 64QAM     | 1             | 1         | 21.51                           | 21.13  | 21.40  | 24.30                           | 23.92  | 24.19  |
|                                   |           | DFT-s 256QAM    | 1             | 1         | 19.48                           | 18.70  | 19.37  | 22.27                           | 21.49  | 22.16  |
|                                   |           | CP QPSK         | 1             | 1         | 22.15                           | 22.24  | 22.41  | 24.94                           | 25.03  | 25.20  |
|                                   |           | CP 16QAM        | 1             | 1         | 22.05                           | 21.73  | 22.28  | 24.84                           | 24.52  | 25.07  |
|                                   |           | CP 64QAM        | 1             | 1         | 20.48                           | 20.07  | 20.43  | 23.27                           | 22.86  | 23.22  |
|                                   |           | CP 256QAM       | 1             | 1         | 17.52                           | 17.34  | 17.46  | 20.31                           | 20.13  | 20.25  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n25 : 1850 to 1915 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
|-----------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)                 |           |                 | 2.79          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                    |           |                 | 2             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                          | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 371000                          | 376500 | 382000 | 371000                          | 376500 | 382000 |
|                                   |           |                 |               |           | 1855                            | 1882.5 | 1910   | 1855                            | 1882.5 | 1910   |
| 10                                | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.94                           | 23.82  | 23.93  | 26.73                           | 26.61  | 26.72  |
|                                   |           |                 | 1             | 50        | 23.74                           | 23.87  | 23.68  | 26.53                           | 26.66  | 26.47  |
|                                   |           |                 | 25            | 12        | 23.91                           | 23.69  | 23.72  | 26.70                           | 26.48  | 26.51  |
|                                   |           |                 | 50            | 0         | 23.44                           | 23.20  | 23.26  | 26.23                           | 25.99  | 26.05  |
|                                   |           | DFT-s QPSK      | 1             | 1         | 23.95                           | 23.88  | 23.91  | 26.74                           | 26.67  | 26.70  |
|                                   |           |                 | 1             | 50        | 23.90                           | 23.89  | 23.73  | 26.69                           | 26.68  | 26.52  |
|                                   |           |                 | 25            | 12        | 23.94                           | 23.69  | 23.80  | 26.73                           | 26.48  | 26.59  |
|                                   |           |                 | 50            | 0         | 23.02                           | 22.70  | 22.79  | 25.81                           | 25.49  | 25.58  |
|                                   |           | DFT-s 16QAM     | 1             | 1         | 22.98                           | 22.76  | 22.98  | 25.77                           | 25.55  | 25.77  |
|                                   |           | DFT-s 64QAM     | 1             | 1         | 21.79                           | 21.28  | 21.41  | 24.58                           | 24.07  | 24.20  |
|                                   |           | DFT-s 256QAM    | 1             | 1         | 19.61                           | 19.72  | 19.33  | 22.40                           | 22.51  | 22.12  |
|                                   |           | CP QPSK         | 1             | 1         | 22.50                           | 22.32  | 22.35  | 25.29                           | 25.11  | 25.14  |
|                                   |           | CP 16QAM        | 1             | 1         | 22.20                           | 21.97  | 21.69  | 24.99                           | 24.76  | 24.48  |
|                                   |           | CP 64QAM        | 1             | 1         | 20.69                           | 19.88  | 20.44  | 23.48                           | 22.67  | 23.23  |
|                                   |           | CP 256QAM       | 1             | 1         | 17.27                           | 17.35  | 17.47  | 20.06                           | 20.14  | 20.26  |
| 5G NR Band n25 : 1850 to 1915 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
| Antenna Gain(dBi)                 |           |                 | 2.79          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                    |           |                 | 2             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                          | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 371500                          | 376500 | 381500 | 371500                          | 376500 | 381500 |
|                                   |           |                 |               |           | 1857.5                          | 1882.5 | 1907.5 | 1857.5                          | 1882.5 | 1907.5 |
| 15                                | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.98                           | 23.85  | 23.77  | 26.77                           | 26.64  | 26.56  |
|                                   |           |                 | 1             | 77        | 23.76                           | 23.75  | 23.78  | 26.55                           | 26.54  | 26.57  |
|                                   |           |                 | 36            | 18        | 23.92                           | 23.78  | 23.77  | 26.71                           | 26.57  | 26.56  |
|                                   |           |                 | 75            | 0         | 23.38                           | 23.19  | 23.25  | 26.17                           | 25.98  | 26.04  |
|                                   |           | DFT-s QPSK      | 1             | 1         | 23.94                           | 23.38  | 23.94  | 26.73                           | 26.17  | 26.73  |
|                                   |           |                 | 1             | 77        | 23.78                           | 23.25  | 23.89  | 26.57                           | 26.04  | 26.68  |
|                                   |           |                 | 36            | 18        | 23.96                           | 23.66  | 23.81  | 26.75                           | 26.45  | 26.60  |
|                                   |           |                 | 75            | 0         | 22.90                           | 22.70  | 22.77  | 25.69                           | 25.49  | 25.56  |
|                                   |           | DFT-s 16QAM     | 1             | 1         | 23.15                           | 22.86  | 22.99  | 25.94                           | 25.65  | 25.78  |
|                                   |           | DFT-s 64QAM     | 1             | 1         | 22.00                           | 21.37  | 21.60  | 24.79                           | 24.16  | 24.39  |
|                                   |           | DFT-s 256QAM    | 1             | 1         | 20.06                           | 19.63  | 19.52  | 22.85                           | 22.42  | 22.31  |
|                                   |           | CP QPSK         | 1             | 1         | 22.48                           | 22.62  | 22.42  | 25.27                           | 25.41  | 25.21  |
|                                   |           | CP 16QAM        | 1             | 1         | 21.79                           | 21.90  | 21.60  | 24.58                           | 24.69  | 24.39  |
|                                   |           | CP 64QAM        | 1             | 1         | 20.45                           | 20.28  | 20.41  | 23.24                           | 23.07  | 23.20  |
|                                   |           | CP 256QAM       | 1             | 1         | 18.08                           | 17.64  | 18.08  | 20.87                           | 20.43  | 20.87  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

| 5G NR Band n25 : 1850 to 1915 MHz       |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
|-----------------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)                       |           |                 | 2.79          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                          |           |                 | 2             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                                | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 372000                          | 376500 | 381000 | 372000                          | 376500 | 381000 |
|                                         |           |                 |               |           | 1860                            | 1882.5 | 1905   | 1860                            | 1882.5 | 1905   |
| 20                                      | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.96                           | 23.69  | 23.71  | 26.75                           | 26.48  | 26.50  |
|                                         |           |                 | 1             | 104       | 23.69                           | 23.58  | 23.76  | 26.48                           | 26.37  | 26.55  |
|                                         |           |                 | 50            | 25        | 23.90                           | 23.63  | 23.75  | 26.69                           | 26.42  | 26.54  |
|                                         |           |                 | 100           | 0         | 23.38                           | 23.10  | 23.24  | 26.17                           | 25.89  | 26.03  |
|                                         |           | DFT-s QPSK      | 1             | 1         | 23.88                           | 23.73  | 23.71  | 26.67                           | 26.52  | 26.50  |
|                                         |           |                 | 1             | 104       | 23.74                           | 23.68  | 23.79  | 26.53                           | 26.47  | 26.58  |
|                                         |           |                 | 50            | 25        | 23.89                           | 23.72  | 23.79  | 26.68                           | 26.51  | 26.58  |
|                                         |           |                 | 100           | 0         | 22.84                           | 22.69  | 22.82  | 25.63                           | 25.48  | 25.61  |
|                                         |           | DFT-s 16QAM     | 1             | 1         | 23.12                           | 22.91  | 22.83  | 25.91                           | 25.70  | 25.62  |
|                                         |           | DFT-s 64QAM     | 1             | 1         | 21.77                           | 21.16  | 21.44  | 24.56                           | 23.95  | 24.23  |
|                                         |           | DFT-s 256QAM    | 1             | 1         | 19.56                           | 19.45  | 19.26  | 22.35                           | 22.24  | 22.05  |
|                                         |           | CP QPSK         | 1             | 1         | 22.67                           | 22.26  | 22.20  | 25.46                           | 25.05  | 24.99  |
|                                         |           | CP 16QAM        | 1             | 1         | 22.20                           | 21.95  | 21.77  | 24.99                           | 24.74  | 24.56  |
|                                         |           | CP 64QAM        | 1             | 1         | 20.80                           | 20.58  | 20.39  | 23.59                           | 23.37  | 23.18  |
|                                         |           | CP 256QAM       | 1             | 1         | 17.68                           | 17.39  | 17.02  | 20.47                           | 20.18  | 19.81  |
| 5G NR Band n26 Part 90s: 814 to 824 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
| Antenna Gain(dBi)                       |           |                 | 0.38          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                           |           |                 | 100           |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                                | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 163300                          | 163800 | 164300 | 163300                          | 163800 | 164300 |
|                                         |           |                 |               |           | 816.5                           | 819    | 821.5  | 816.5                           | 819    | 821.5  |
| 5                                       | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.71                           | 23.71  | 23.77  | 21.94                           | 21.94  | 22.00  |
|                                         |           |                 | 1             | 23        | 23.48                           | 23.59  | 23.76  | 21.71                           | 21.82  | 21.99  |
|                                         |           |                 | 12            | 6         | 23.39                           | 23.52  | 23.74  | 21.62                           | 21.75  | 21.97  |
|                                         |           |                 | 25            | 0         | 23.20                           | 23.14  | 23.22  | 21.43                           | 21.37  | 21.45  |
|                                         |           | DFT-s QPSK      | 1             | 1         | 23.73                           | 23.73  | 23.74  | 21.96                           | 21.96  | 21.97  |
|                                         |           |                 | 1             | 23        | 23.70                           | 23.66  | 23.60  | 21.93                           | 21.89  | 21.83  |
|                                         |           |                 | 12            | 6         | 23.66                           | 23.57  | 23.55  | 21.89                           | 21.80  | 21.78  |
|                                         |           |                 | 25            | 0         | 22.60                           | 22.75  | 22.67  | 20.83                           | 20.98  | 20.90  |
|                                         |           | DFT-s 16QAM     | 1             | 1         | 22.60                           | 22.56  | 22.82  | 20.83                           | 20.79  | 21.05  |
|                                         |           | DFT-s 64QAM     | 1             | 1         | 20.90                           | 21.05  | 20.80  | 19.13                           | 19.28  | 19.03  |
|                                         |           | DFT-s 256QAM    | 1             | 1         | 18.47                           | 18.63  | 19.55  | 16.70                           | 16.86  | 17.78  |
|                                         |           | CP QPSK         | 1             | 1         | 21.55                           | 22.22  | 22.37  | 19.78                           | 20.45  | 20.60  |
|                                         |           | CP 16QAM        | 1             | 1         | 21.49                           | 21.48  | 21.78  | 19.72                           | 19.71  | 20.01  |
|                                         |           | CP 64QAM        | 1             | 1         | 19.88                           | 20.68  | 20.15  | 18.11                           | 18.91  | 18.38  |
|                                         |           | CP 256QAM       | 1             | 1         | 17.00                           | 17.09  | 17.65  | 15.23                           | 15.32  | 15.88  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n26 Part 90s: 814 to 824 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
|-----------------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)                       |           |                 | 0.38          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                           |           |                 | 100           |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                                | SCS (kHz) | Modulation      | RB Allocation | RB Offset |                                 | 163800 |        |                                 | 163800 |        |
|                                         |           |                 |               |           |                                 | 819    |        |                                 | 819    |        |
| 10                                      | 15        | DFT-s PI/2 BPSK | 1             | 1         |                                 | 23.78  |        |                                 | 22.01  |        |
|                                         |           |                 | 1             | 50        |                                 | 23.52  |        |                                 | 21.75  |        |
|                                         |           |                 | 25            | 12        |                                 | 23.44  |        |                                 | 21.67  |        |
|                                         |           |                 | 50            | 0         |                                 | 23.18  |        |                                 | 21.41  |        |
|                                         |           | DFT-s QPSK      | 1             | 1         |                                 | 23.36  |        |                                 | 21.59  |        |
|                                         |           |                 | 1             | 50        |                                 | 23.49  |        |                                 | 21.72  |        |
|                                         |           |                 | 25            | 12        |                                 | 23.63  |        |                                 | 21.86  |        |
|                                         |           |                 | 50            | 0         |                                 | 22.69  |        |                                 | 20.92  |        |
|                                         |           | DFT-s 16QAM     | 1             | 1         |                                 | 22.34  |        |                                 | 20.57  |        |
|                                         |           | DFT-s 64QAM     | 1             | 1         |                                 | 20.74  |        |                                 | 18.97  |        |
|                                         |           | DFT-s 256QAM    | 1             | 1         |                                 | 19.09  |        |                                 | 17.32  |        |
|                                         |           | CP QPSK         | 1             | 1         |                                 | 22.03  |        |                                 | 20.26  |        |
|                                         |           | CP 16QAM        | 1             | 1         |                                 | 21.44  |        |                                 | 19.67  |        |
|                                         |           | CP 64QAM        | 1             | 1         |                                 | 19.86  |        |                                 | 18.09  |        |
|                                         |           | CP 256QAM       | 1             | 1         |                                 | 17.70  |        |                                 | 15.93  |        |
| 5G NR Band n26 : 824 to 849 MHz         |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
| Antenna Gain(dBi)                       |           |                 | 0.38          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                           |           |                 | 7             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                                | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 165300                          | 167300 | 169300 | 165300                          | 167300 | 169300 |
|                                         |           |                 |               |           | 826.5                           | 836.5  | 846.5  | 826.5                           | 836.5  | 846.5  |
| 5                                       | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.80                           | 23.92  | 23.76  | 22.03                           | 22.15  | 21.99  |
|                                         |           |                 | 1             | 23        | 23.41                           | 23.70  | 23.73  | 21.64                           | 21.93  | 21.96  |
|                                         |           |                 | 12            | 6         | 23.91                           | 23.76  | 23.90  | 22.14                           | 21.99  | 22.13  |
|                                         |           |                 | 25            | 0         | 23.30                           | 23.30  | 23.28  | 21.53                           | 21.53  | 21.51  |
|                                         |           | DFT-s QPSK      | 1             | 1         | 23.58                           | 23.61  | 23.51  | 21.81                           | 21.84  | 21.74  |
|                                         |           |                 | 1             | 23        | 23.52                           | 23.52  | 23.52  | 21.75                           | 21.75  | 21.75  |
|                                         |           |                 | 12            | 6         | 23.86                           | 23.90  | 23.85  | 22.09                           | 22.13  | 22.08  |
|                                         |           |                 | 25            | 0         | 22.80                           | 22.77  | 22.79  | 21.03                           | 21.00  | 21.02  |
|                                         |           | DFT-s 16QAM     | 1             | 1         | 22.81                           | 22.86  | 22.90  | 21.04                           | 21.09  | 21.13  |
|                                         |           | DFT-s 64QAM     | 1             | 1         | 21.40                           | 21.39  | 21.39  | 19.63                           | 19.62  | 19.62  |
|                                         |           | DFT-s 256QAM    | 1             | 1         | 19.74                           | 19.63  | 19.73  | 17.97                           | 17.86  | 17.96  |
|                                         |           | CP QPSK         | 1             | 1         | 22.37                           | 22.62  | 22.37  | 20.60                           | 20.85  | 20.60  |
|                                         |           | CP 16QAM        | 1             | 1         | 22.21                           | 22.06  | 22.20  | 20.44                           | 20.29  | 20.43  |
|                                         |           | CP 64QAM        | 1             | 1         | 20.37                           | 20.38  | 20.39  | 18.60                           | 18.61  | 18.62  |
|                                         |           | CP 256QAM       | 1             | 1         | 18.28                           | 18.27  | 18.28  | 16.51                           | 16.50  | 16.51  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n26 : 824 to 849 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
|---------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)               |           |                 | 0.38          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                   |           |                 | 7             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                        | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 165800                          | 167300 | 168800 | 165800                          | 167300 | 168800 |
|                                 |           |                 |               |           | 829                             | 836.5  | 844    | 829                             | 836.5  | 844    |
| 10                              | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.85                           | 23.86  | 23.76  | 22.08                           | 22.09  | 21.99  |
|                                 |           |                 | 1             | 50        | 23.78                           | 23.75  | 23.75  | 22.01                           | 21.98  | 21.98  |
|                                 |           |                 | 25            | 12        | 23.75                           | 23.77  | 23.84  | 21.98                           | 22.00  | 22.07  |
|                                 |           |                 | 50            | 0         | 23.39                           | 23.33  | 23.24  | 21.62                           | 21.56  | 21.47  |
|                                 |           | DFT-s QPSK      | 1             | 1         | 23.69                           | 23.66  | 23.65  | 21.92                           | 21.89  | 21.88  |
|                                 |           |                 | 1             | 50        | 23.64                           | 23.60  | 23.60  | 21.87                           | 21.83  | 21.83  |
|                                 |           |                 | 25            | 12        | 23.83                           | 23.74  | 23.84  | 22.06                           | 21.97  | 22.07  |
|                                 |           |                 | 50            | 0         | 22.80                           | 22.82  | 22.91  | 21.03                           | 21.05  | 21.14  |
|                                 |           | DFT-s 16QAM     | 1             | 1         | 22.61                           | 22.62  | 22.64  | 20.84                           | 20.85  | 20.87  |
|                                 |           | DFT-s 64QAM     | 1             | 1         | 21.79                           | 21.79  | 21.79  | 20.02                           | 20.02  | 20.02  |
|                                 |           | DFT-s 256QAM    | 1             | 1         | 19.06                           | 19.05  | 19.15  | 17.29                           | 17.28  | 17.38  |
|                                 |           | CP QPSK         | 1             | 1         | 22.63                           | 22.60  | 22.58  | 20.86                           | 20.83  | 20.81  |
|                                 |           | CP 16QAM        | 1             | 1         | 22.01                           | 22.01  | 22.00  | 20.24                           | 20.24  | 20.23  |
|                                 |           | CP 64QAM        | 1             | 1         | 20.42                           | 20.45  | 20.55  | 18.65                           | 18.68  | 18.78  |
|                                 |           | CP 256QAM       | 1             | 1         | 17.37                           | 17.35  | 17.39  | 15.60                           | 15.58  | 15.62  |
| 5G NR Band n26 : 824 to 849 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
| Antenna Gain(dBi)               |           |                 | 0.38          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                   |           |                 | 7             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                        | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 166300                          | 167300 | 168300 | 166300                          | 167300 | 168300 |
|                                 |           |                 |               |           | 831.5                           | 836.5  | 841.5  | 831.5                           | 836.5  | 841.5  |
| 15                              | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.94                           | 23.86  | 23.85  | 22.17                           | 22.09  | 22.08  |
|                                 |           |                 | 1             | 77        | 23.90                           | 23.86  | 23.90  | 22.13                           | 22.09  | 22.13  |
|                                 |           |                 | 36            | 18        | 23.76                           | 23.85  | 23.84  | 21.99                           | 22.08  | 22.07  |
|                                 |           |                 | 75            | 0         | 23.33                           | 23.34  | 23.33  | 21.56                           | 21.57  | 21.56  |
|                                 |           | DFT-s QPSK      | 1             | 1         | 23.86                           | 23.82  | 23.73  | 22.09                           | 22.05  | 21.96  |
|                                 |           |                 | 1             | 77        | 23.73                           | 23.93  | 23.91  | 21.96                           | 22.16  | 22.14  |
|                                 |           |                 | 36            | 18        | 23.91                           | 23.88  | 23.88  | 22.14                           | 22.11  | 22.11  |
|                                 |           |                 | 75            | 0         | 22.88                           | 22.91  | 22.89  | 21.11                           | 21.14  | 21.12  |
|                                 |           | DFT-s 16QAM     | 1             | 1         | 23.01                           | 22.88  | 22.93  | 21.24                           | 21.11  | 21.16  |
|                                 |           | DFT-s 64QAM     | 1             | 1         | 21.49                           | 21.51  | 21.47  | 19.72                           | 19.74  | 19.70  |
|                                 |           | DFT-s 256QAM    | 1             | 1         | 19.63                           | 19.50  | 19.48  | 17.86                           | 17.73  | 17.71  |
|                                 |           | CP QPSK         | 1             | 1         | 22.13                           | 22.23  | 22.11  | 20.36                           | 20.46  | 20.34  |
|                                 |           | CP 16QAM        | 1             | 1         | 21.64                           | 21.68  | 21.70  | 19.87                           | 19.91  | 19.93  |
|                                 |           | CP 64QAM        | 1             | 1         | 20.31                           | 20.30  | 20.34  | 18.54                           | 18.53  | 18.57  |
|                                 |           | CP 256QAM       | 1             | 1         | 17.33                           | 17.38  | 17.33  | 15.56                           | 15.61  | 15.56  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

| 5G NR Band n26 : 824 to 849 MHz   |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
|-----------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)                 |           |                 | 0.38          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                     |           |                 | 7             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                          | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 166800                          | 167300 | 167800 | 166800                          | 167300 | 167800 |
|                                   |           |                 |               |           | 834                             | 836.5  | 839    | 834                             | 836.5  | 839    |
| 20                                | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.71                           | 23.93  | 23.70  | 21.94                           | 22.16  | 21.93  |
|                                   |           |                 | 1             | 104       | 23.77                           | 23.81  | 23.77  | 22.00                           | 22.04  | 22.00  |
|                                   |           |                 | 50            | 25        | 23.87                           | 23.67  | 23.92  | 22.10                           | 21.90  | 22.15  |
|                                   |           |                 | 100           | 0         | 23.36                           | 23.37  | 23.41  | 21.59                           | 21.60  | 21.64  |
|                                   |           | DFT-s QPSK      | 1             | 1         | 23.62                           | 23.62  | 23.59  | 21.85                           | 21.85  | 21.82  |
|                                   |           |                 | 1             | 104       | 23.68                           | 23.76  | 23.65  | 21.91                           | 21.99  | 21.88  |
|                                   |           |                 | 50            | 25        | 23.91                           | 23.92  | 23.91  | 22.14                           | 22.15  | 22.14  |
|                                   |           |                 | 100           | 0         | 22.95                           | 22.96  | 22.95  | 21.18                           | 21.19  | 21.18  |
|                                   |           | DFT-s 16QAM     | 1             | 1         | 23.05                           | 23.06  | 23.06  | 21.28                           | 21.29  | 21.29  |
|                                   |           | DFT-s 64QAM     | 1             | 1         | 21.30                           | 21.29  | 21.29  | 19.53                           | 19.52  | 19.52  |
|                                   |           | DFT-s 256QAM    | 1             | 1         | 19.67                           | 19.61  | 19.63  | 17.90                           | 17.84  | 17.86  |
|                                   |           | CP QPSK         | 1             | 1         | 21.99                           | 21.94  | 21.93  | 20.22                           | 20.17  | 20.16  |
|                                   |           | CP 16QAM        | 1             | 1         | 21.58                           | 21.63  | 21.62  | 19.81                           | 19.86  | 19.85  |
|                                   |           | CP 64QAM        | 1             | 1         | 20.57                           | 20.57  | 20.58  | 18.80                           | 18.80  | 18.81  |
|                                   |           | CP 256QAM       | 1             | 1         | 17.51                           | 17.53  | 17.77  | 15.74                           | 15.76  | 16.00  |
| 5G NR Band n30 : 2305 to 2315 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
| Antenna Gain(dBi)                 |           |                 | 1.19          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                    |           |                 | 0.25          |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                          | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 461500                          | 462000 | 462500 | 461500                          | 462000 | 462500 |
|                                   |           |                 |               |           | 2307.5                          | 2310   | 2312.5 | 2307.5                          | 2310   | 2312.5 |
| 5                                 | 15        | DFT-s PI/2 BPSK | 1             | 1         | 22.12                           | 22.48  | 22.21  | 23.31                           | 23.67  | 23.40  |
|                                   |           |                 | 1             | 23        | 22.02                           | 22.38  | 22.07  | 23.21                           | 23.57  | 23.26  |
|                                   |           |                 | 12            | 6         | 22.22                           | 22.37  | 22.21  | 23.41                           | 23.56  | 23.40  |
|                                   |           |                 | 25            | 0         | 21.69                           | 21.84  | 21.63  | 22.88                           | 23.03  | 22.82  |
|                                   |           | DFT-s QPSK      | 1             | 1         | 22.14                           | 22.36  | 22.20  | 23.33                           | 23.55  | 23.39  |
|                                   |           |                 | 1             | 23        | 22.12                           | 22.45  | 22.12  | 23.31                           | 23.64  | 23.31  |
|                                   |           |                 | 12            | 6         | 22.16                           | 22.40  | 22.22  | 23.35                           | 23.59  | 23.41  |
|                                   |           |                 | 25            | 0         | 21.18                           | 21.37  | 21.07  | 22.37                           | 22.56  | 22.26  |
|                                   |           | DFT-s 16QAM     | 1             | 1         | 21.20                           | 21.44  | 21.37  | 22.39                           | 22.63  | 22.56  |
|                                   |           | DFT-s 64QAM     | 1             | 1         | 19.75                           | 19.91  | 19.55  | 20.94                           | 21.10  | 20.74  |
|                                   |           | DFT-s 256QAM    | 1             | 1         | 17.33                           | 17.53  | 17.47  | 18.52                           | 18.72  | 18.66  |
|                                   |           | CP QPSK         | 1             | 1         | 21.04                           | 21.16  | 21.22  | 22.23                           | 22.35  | 22.41  |
|                                   |           | CP 16QAM        | 1             | 1         | 20.22                           | 20.47  | 20.52  | 21.41                           | 21.66  | 21.71  |
|                                   |           | CP 64QAM        | 1             | 1         | 18.36                           | 18.68  | 18.48  | 19.55                           | 19.87  | 19.67  |
|                                   |           | CP 256QAM       | 1             | 1         | 15.84                           | 16.09  | 15.99  | 17.03                           | 17.28  | 17.18  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n30 : 2305 to 2315 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
|-----------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)                 |           |                 | 1.19          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                    |           |                 | 0.25          |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                          | SCS (kHz) | Modulation      | RB Allocation | RB Offset |                                 | 462000 |        |                                 | 462000 |        |
|                                   |           |                 |               |           |                                 | 2310   |        |                                 | 2310   |        |
| 10                                | 15        | DFT-s PI/2 BPSK | 1             | 1         |                                 | 22.49  |        |                                 | 23.68  |        |
|                                   |           |                 | 1             | 50        |                                 | 22.21  |        |                                 | 23.40  |        |
|                                   |           |                 | 25            | 12        |                                 | 22.41  |        |                                 | 23.60  |        |
|                                   |           |                 | 50            | 0         |                                 | 21.98  |        |                                 | 23.17  |        |
|                                   |           | DFT-s QPSK      | 1             | 1         |                                 | 22.24  |        |                                 | 23.43  |        |
|                                   |           |                 | 1             | 50        |                                 | 22.28  |        |                                 | 23.47  |        |
|                                   |           |                 | 25            | 12        |                                 | 22.38  |        |                                 | 23.57  |        |
|                                   |           |                 | 50            | 0         |                                 | 21.39  |        |                                 | 22.58  |        |
|                                   |           | DFT-s 16QAM     | 1             | 1         |                                 | 21.46  |        |                                 | 22.65  |        |
|                                   |           | DFT-s 64QAM     | 1             | 1         |                                 | 19.88  |        |                                 | 21.07  |        |
|                                   |           | DFT-s 256QAM    | 1             | 1         |                                 | 17.59  |        |                                 | 18.78  |        |
|                                   |           | CP QPSK         | 1             | 1         |                                 | 21.37  |        |                                 | 22.56  |        |
|                                   |           | CP 16QAM        | 1             | 1         |                                 | 20.42  |        |                                 | 21.61  |        |
|                                   |           | CP 64QAM        | 1             | 1         |                                 | 18.74  |        |                                 | 19.93  |        |
|                                   |           | CP 256QAM       | 1             | 1         |                                 | 16.15  |        |                                 | 17.34  |        |
| 5G NR Band n66 : 1710 to 1780 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
| Antenna Gain(dBi)                 |           |                 | 2.79          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                    |           |                 | 1             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                          | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 342500                          | 349000 | 355500 | 342500                          | 349000 | 355500 |
|                                   |           |                 |               |           | 1712.5                          | 1745   | 1777.5 | 1712.5                          | 1745   | 1777.5 |
| 5                                 | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.96                           | 23.89  | 23.70  | 26.75                           | 26.68  | 26.49  |
|                                   |           |                 | 1             | 23        | 23.89                           | 23.87  | 23.70  | 26.68                           | 26.66  | 26.49  |
|                                   |           |                 | 12            | 6         | 23.95                           | 23.93  | 23.73  | 26.74                           | 26.72  | 26.52  |
|                                   |           |                 | 25            | 0         | 23.42                           | 23.34  | 23.15  | 26.21                           | 26.13  | 25.94  |
|                                   |           | DFT-s QPSK      | 1             | 1         | 23.94                           | 23.67  | 23.35  | 26.73                           | 26.46  | 26.14  |
|                                   |           |                 | 1             | 23        | 23.39                           | 23.73  | 23.43  | 26.18                           | 26.52  | 26.22  |
|                                   |           |                 | 12            | 6         | 23.94                           | 23.89  | 23.67  | 26.73                           | 26.68  | 26.46  |
|                                   |           |                 | 25            | 0         | 22.99                           | 22.90  | 22.64  | 25.78                           | 25.69  | 25.43  |
|                                   |           | DFT-s 16QAM     | 1             | 1         | 22.87                           | 22.90  | 22.63  | 25.66                           | 25.69  | 25.42  |
|                                   |           | DFT-s 64QAM     | 1             | 1         | 21.20                           | 21.91  | 21.10  | 23.99                           | 24.70  | 23.89  |
|                                   |           | DFT-s 256QAM    | 1             | 1         | 18.91                           | 19.58  | 18.71  | 21.70                           | 22.37  | 21.50  |
|                                   |           | CP QPSK         | 1             | 1         | 22.01                           | 22.62  | 22.39  | 24.80                           | 25.41  | 25.18  |
|                                   |           | CP 16QAM        | 1             | 1         | 21.77                           | 21.84  | 21.87  | 24.56                           | 24.63  | 24.66  |
|                                   |           | CP 64QAM        | 1             | 1         | 20.73                           | 20.24  | 20.33  | 23.52                           | 23.03  | 23.12  |
|                                   |           | CP 256QAM       | 1             | 1         | 17.41                           | 17.79  | 17.45  | 20.20                           | 20.58  | 20.24  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n66 : 1710 to 1780 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
|-----------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)                 |           |                 | 2.79          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                    |           |                 | 1             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                          | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 343000                          | 349000 | 355000 | 343000                          | 349000 | 355000 |
|                                   |           |                 |               |           | 1715                            | 1745   | 1775   | 1715                            | 1745   | 1775   |
| 10                                | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.66                           | 23.71  | 24.01  | 26.45                           | 26.50  | 26.80  |
|                                   |           |                 | 1             | 50        | 23.72                           | 23.65  | 23.85  | 26.51                           | 26.44  | 26.64  |
|                                   |           |                 | 25            | 12        | 23.92                           | 23.72  | 23.59  | 26.71                           | 26.51  | 26.38  |
|                                   |           |                 | 50            | 0         | 23.36                           | 23.26  | 23.10  | 26.15                           | 26.05  | 25.89  |
|                                   |           | DFT-s QPSK      | 1             | 1         | 23.59                           | 23.79  | 23.79  | 26.38                           | 26.58  | 26.58  |
|                                   |           |                 | 1             | 50        | 23.66                           | 23.88  | 23.79  | 26.45                           | 26.67  | 26.58  |
|                                   |           |                 | 25            | 12        | 23.91                           | 23.77  | 23.58  | 26.70                           | 26.56  | 26.37  |
|                                   |           |                 | 50            | 0         | 22.95                           | 22.74  | 22.68  | 25.74                           | 25.53  | 25.47  |
|                                   |           | DFT-s 16QAM     | 1             | 1         | 22.69                           | 22.73  | 22.68  | 25.48                           | 25.52  | 25.47  |
|                                   |           | DFT-s 64QAM     | 1             | 1         | 21.38                           | 21.58  | 21.09  | 24.17                           | 24.37  | 23.88  |
|                                   |           | DFT-s 256QAM    | 1             | 1         | 19.26                           | 19.23  | 19.77  | 22.05                           | 22.02  | 22.56  |
|                                   |           | CP QPSK         | 1             | 1         | 22.13                           | 22.31  | 22.19  | 24.92                           | 25.10  | 24.98  |
|                                   |           | CP 16QAM        | 1             | 1         | 21.79                           | 21.97  | 21.96  | 24.58                           | 24.76  | 24.75  |
|                                   |           | CP 64QAM        | 1             | 1         | 20.65                           | 20.59  | 19.91  | 23.44                           | 23.38  | 22.70  |
|                                   |           | CP 256QAM       | 1             | 1         | 17.83                           | 16.94  | 17.22  | 20.62                           | 19.73  | 20.01  |

| 5G NR Band n66 : 1710 to 1780 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
|-----------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)                 |           |                 | 2.79          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                    |           |                 | 1             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                          | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 343500                          | 349000 | 354500 | 343500                          | 349000 | 354500 |
|                                   |           |                 |               |           | 1717.5                          | 1745   | 1772.5 | 1717.5                          | 1745   | 1772.5 |
| 15                                | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.96                           | 23.86  | 23.81  | 26.75                           | 26.65  | 26.60  |
|                                   |           |                 | 1             | 77        | 23.82                           | 23.84  | 23.89  | 26.61                           | 26.63  | 26.68  |
|                                   |           |                 | 36            | 18        | 23.89                           | 23.74  | 23.79  | 26.68                           | 26.53  | 26.58  |
|                                   |           |                 | 75            | 0         | 23.44                           | 23.22  | 23.28  | 26.23                           | 26.01  | 26.07  |
|                                   |           | DFT-s QPSK      | 1             | 1         | 23.91                           | 23.75  | 23.89  | 26.70                           | 26.54  | 26.68  |
|                                   |           |                 | 1             | 77        | 23.93                           | 23.81  | 23.90  | 26.72                           | 26.60  | 26.69  |
|                                   |           |                 | 36            | 18        | 23.88                           | 23.78  | 23.85  | 26.67                           | 26.57  | 26.64  |
|                                   |           |                 | 75            | 0         | 22.96                           | 22.77  | 22.77  | 25.75                           | 25.56  | 25.56  |
|                                   |           | DFT-s 16QAM     | 1             | 1         | 23.06                           | 23.01  | 22.79  | 25.85                           | 25.80  | 25.58  |
|                                   |           | DFT-s 64QAM     | 1             | 1         | 21.66                           | 20.99  | 21.50  | 24.45                           | 23.78  | 24.29  |
|                                   |           | DFT-s 256QAM    | 1             | 1         | 19.58                           | 19.29  | 18.95  | 22.37                           | 22.08  | 21.74  |
|                                   |           | CP QPSK         | 1             | 1         | 21.80                           | 22.21  | 22.15  | 24.59                           | 25.00  | 24.94  |
|                                   |           | CP 16QAM        | 1             | 1         | 21.63                           | 21.56  | 21.75  | 24.42                           | 24.35  | 24.54  |
|                                   |           | CP 64QAM        | 1             | 1         | 19.99                           | 20.33  | 20.39  | 22.78                           | 23.12  | 23.18  |
|                                   |           | CP 256QAM       | 1             | 1         | 16.76                           | 17.65  | 17.30  | 19.55                           | 20.44  | 20.09  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n66 : 1710 to 1780 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
|-----------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)                 |           |                 | 2.79          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                    |           |                 | 1             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                          | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 344000                          | 349000 | 354000 | 344000                          | 349000 | 354000 |
|                                   |           |                 |               |           | 1720                            | 1745   | 1770   | 1720                            | 1745   | 1770   |
| 20                                | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.88                           | 23.70  | 23.62  | 26.67                           | 26.49  | 26.41  |
|                                   |           |                 | 1             | 104       | 23.81                           | 23.64  | 23.60  | 26.60                           | 26.43  | 26.39  |
|                                   |           |                 | 50            | 25        | 23.80                           | 23.73  | 23.78  | 26.59                           | 26.52  | 26.57  |
|                                   |           |                 | 100           | 0         | 23.34                           | 23.24  | 23.25  | 26.13                           | 26.03  | 26.04  |
|                                   |           | DFT-s QPSK      | 1             | 1         | 23.78                           | 23.79  | 23.70  | 26.57                           | 26.58  | 26.49  |
|                                   |           |                 | 1             | 104       | 23.75                           | 23.72  | 23.66  | 26.54                           | 26.51  | 26.45  |
|                                   |           |                 | 50            | 25        | 23.87                           | 23.72  | 23.82  | 26.66                           | 26.51  | 26.61  |
|                                   |           |                 | 100           | 0         | 22.86                           | 22.76  | 22.77  | 25.65                           | 25.55  | 25.56  |
|                                   |           | DFT-s 16QAM     | 1             | 1         | 23.24                           | 23.12  | 22.83  | 26.03                           | 25.91  | 25.62  |
|                                   |           | DFT-s 64QAM     | 1             | 1         | 21.36                           | 21.60  | 21.09  | 24.15                           | 24.39  | 23.88  |
|                                   |           | DFT-s 256QAM    | 1             | 1         | 19.56                           | 19.53  | 19.49  | 22.35                           | 22.32  | 22.28  |
|                                   |           | CP QPSK         | 1             | 1         | 22.22                           | 22.44  | 22.16  | 25.01                           | 25.23  | 24.95  |
|                                   |           | CP 16QAM        | 1             | 1         | 21.79                           | 22.12  | 21.84  | 24.58                           | 24.91  | 24.63  |
|                                   |           | CP 64QAM        | 1             | 1         | 20.59                           | 20.78  | 20.51  | 23.38                           | 23.57  | 23.30  |
|                                   |           | CP 256QAM       | 1             | 1         | 17.66                           | 17.50  | 17.35  | 20.45                           | 20.29  | 20.14  |
| 5G NR Band n70 : 1695 to 1710 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
| Antenna Gain(dBi)                 |           |                 | 2.79          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                    |           |                 | 1             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                          | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 339500                          | 340500 | 341500 | 339500                          | 340500 | 341500 |
|                                   |           |                 |               |           | 1697.5                          | 1702.5 | 1707.5 | 1697.5                          | 1702.5 | 1707.5 |
| 5                                 | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.00                           | 22.72  | 22.90  | 25.79                           | 25.51  | 25.69  |
|                                   |           |                 | 1             | 23        | 22.83                           | 22.65  | 22.53  | 25.62                           | 25.44  | 25.32  |
|                                   |           |                 | 12            | 6         | 22.79                           | 22.70  | 22.72  | 25.58                           | 25.49  | 25.51  |
|                                   |           |                 | 25            | 0         | 22.42                           | 22.26  | 22.37  | 25.21                           | 25.05  | 25.16  |
|                                   |           | DFT-s QPSK      | 1             | 1         | 22.71                           | 22.38  | 22.76  | 25.50                           | 25.17  | 25.55  |
|                                   |           |                 | 1             | 23        | 22.60                           | 22.42  | 22.76  | 25.39                           | 25.21  | 25.55  |
|                                   |           |                 | 12            | 6         | 22.76                           | 22.60  | 22.82  | 25.55                           | 25.39  | 25.61  |
|                                   |           |                 | 25            | 0         | 22.00                           | 21.80  | 21.96  | 24.79                           | 24.59  | 24.75  |
|                                   |           | DFT-s 16QAM     | 1             | 1         | 21.78                           | 21.71  | 21.82  | 24.57                           | 24.50  | 24.61  |
|                                   |           | DFT-s 64QAM     | 1             | 1         | 20.52                           | 19.98  | 20.77  | 23.31                           | 22.77  | 23.56  |
|                                   |           | DFT-s 256QAM    | 1             | 1         | 18.53                           | 17.71  | 18.61  | 21.32                           | 20.50  | 21.40  |
|                                   |           | CP QPSK         | 1             | 1         | 21.10                           | 20.93  | 20.95  | 23.89                           | 23.72  | 23.74  |
|                                   |           | CP 16QAM        | 1             | 1         | 20.85                           | 20.62  | 20.70  | 23.64                           | 23.41  | 23.49  |
|                                   |           | CP 64QAM        | 1             | 1         | 19.15                           | 19.72  | 19.24  | 21.94                           | 22.51  | 22.03  |
|                                   |           | CP 256QAM       | 1             | 1         | 16.26                           | 15.96  | 16.64  | 19.05                           | 18.75  | 19.43  |

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

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n70 : 1695 to 1710 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
|-----------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)                 |           |                 | 2.79          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                    |           |                 | 1             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                          | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 340000                          | 340500 | 341000 | 340000                          | 340500 | 341000 |
|                                   |           |                 |               |           | 1700                            | 1702.5 | 1705   | 1700                            | 1702.5 | 1705   |
| 10                                | 15        | DFT-s PI/2 BPSK | 1             | 1         | 22.86                           | 22.71  | 22.79  | 25.65                           | 25.50  | 25.58  |
|                                   |           |                 | 1             | 50        | 22.82                           | 22.54  | 22.51  | 25.61                           | 25.33  | 25.30  |
|                                   |           |                 | 25            | 12        | 22.64                           | 22.58  | 22.78  | 25.43                           | 25.37  | 25.57  |
|                                   |           |                 | 50            | 0         | 22.42                           | 22.37  | 22.47  | 25.21                           | 25.16  | 25.26  |
|                                   |           | DFT-s QPSK      | 1             | 1         | 22.80                           | 22.59  | 22.43  | 25.59                           | 25.38  | 25.22  |
|                                   |           |                 | 1             | 50        | 22.85                           | 22.70  | 22.71  | 25.64                           | 25.49  | 25.50  |
|                                   |           |                 | 25            | 12        | 22.75                           | 22.61  | 22.63  | 25.54                           | 25.40  | 25.42  |
|                                   |           |                 | 50            | 0         | 21.99                           | 21.89  | 21.98  | 24.78                           | 24.68  | 24.77  |
|                                   |           | DFT-s 16QAM     | 1             | 1         | 22.11                           | 21.46  | 21.93  | 24.90                           | 24.25  | 24.72  |
|                                   |           | DFT-s 64QAM     | 1             | 1         | 20.33                           | 20.73  | 20.55  | 23.12                           | 23.52  | 23.34  |
|                                   |           | DFT-s 256QAM    | 1             | 1         | 18.45                           | 18.16  | 18.61  | 21.24                           | 20.95  | 21.40  |
|                                   |           | CP QPSK         | 1             | 1         | 21.25                           | 21.31  | 21.76  | 24.04                           | 24.10  | 24.55  |
|                                   |           | CP 16QAM        | 1             | 1         | 20.96                           | 21.12  | 21.19  | 23.75                           | 23.91  | 23.98  |
|                                   |           | CP 64QAM        | 1             | 1         | 19.37                           | 19.29  | 19.33  | 22.16                           | 22.08  | 22.12  |
|                                   |           | CP 256QAM       | 1             | 1         | 16.16                           | 16.15  | 16.65  | 18.95                           | 18.94  | 19.44  |

| 5G NR Band n70 : 1695 to 1710 MHz |           |                 |               |           | Conducted Average (dBm)         |        |      | EIRP (dBm)                      |        |      |
|-----------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|------|---------------------------------|--------|------|
| Antenna Gain(dBi)                 |           |                 | 2.79          |           | Channel (ARFCH)/ Frequency(MHz) |        |      | Channel (ARFCH)/ Frequency(MHz) |        |      |
| EIRP Limit (W)                    |           |                 | 1             |           | Low                             | Mid    | High | Low                             | Mid    | High |
| BW (MHz)                          | SCS (kHz) | Modulation      | RB Allocation | RB Offset |                                 | 340500 |      |                                 | 340500 |      |
|                                   |           |                 |               |           |                                 | 1702.5 |      |                                 | 1702.5 |      |
| 15                                | 15        | DFT-s PI/2 BPSK | 1             | 1         |                                 | 22.91  |      |                                 | 25.70  |      |
|                                   |           |                 | 1             | 77        |                                 | 22.52  |      |                                 | 25.31  |      |
|                                   |           |                 | 36            | 18        |                                 | 22.69  |      |                                 | 25.48  |      |
|                                   |           |                 | 75            | 0         |                                 | 22.43  |      |                                 | 25.22  |      |
|                                   |           | DFT-s QPSK      | 1             | 1         |                                 | 22.30  |      |                                 | 25.09  |      |
|                                   |           |                 | 1             | 77        |                                 | 22.62  |      |                                 | 25.41  |      |
|                                   |           |                 | 36            | 18        |                                 | 22.66  |      |                                 | 25.45  |      |
|                                   |           |                 | 75            | 0         |                                 | 21.85  |      |                                 | 24.64  |      |
|                                   |           | DFT-s 16QAM     | 1             | 1         |                                 | 21.97  |      |                                 | 24.76  |      |
|                                   |           | DFT-s 64QAM     | 1             | 1         |                                 | 20.55  |      |                                 | 23.34  |      |
|                                   |           | DFT-s 256QAM    | 1             | 1         |                                 | 18.46  |      |                                 | 21.25  |      |
|                                   |           | CP QPSK         | 1             | 1         |                                 | 21.31  |      |                                 | 24.10  |      |
|                                   |           | CP 16QAM        | 1             | 1         |                                 | 20.75  |      |                                 | 23.54  |      |
|                                   |           | CP 64QAM        | 1             | 1         |                                 | 19.15  |      |                                 | 21.94  |      |
|                                   |           | CP 256QAM       | 1             | 1         |                                 | 16.03  |      |                                 | 18.82  |      |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n71 : 663 to 698 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
|---------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)               |           |                 | -0.06         |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                   |           |                 | 3             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                        | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 133100                          | 136100 | 139100 | 133100                          | 136100 | 139100 |
|                                 |           |                 |               |           | 665.5                           | 680.5  | 695.5  | 665.5                           | 680.5  | 695.5  |
| 5                               | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.15                           | 23.35  | 23.21  | 20.94                           | 21.14  | 21.00  |
|                                 |           |                 | 1             | 23        | 23.24                           | 23.11  | 23.15  | 21.03                           | 20.90  | 20.94  |
|                                 |           |                 | 12            | 6         | 23.33                           | 23.29  | 23.15  | 21.12                           | 21.08  | 20.94  |
|                                 |           |                 | 25            | 0         | 22.99                           | 22.97  | 22.88  | 20.78                           | 20.76  | 20.67  |
|                                 |           | DFT-s QPSK      | 1             | 1         | 23.49                           | 23.21  | 22.92  | 21.28                           | 21.00  | 20.71  |
|                                 |           |                 | 1             | 23        | 23.08                           | 23.29  | 23.06  | 20.87                           | 21.08  | 20.85  |
|                                 |           |                 | 12            | 6         | 23.20                           | 23.13  | 23.09  | 20.99                           | 20.92  | 20.88  |
|                                 |           |                 | 25            | 0         | 22.51                           | 22.52  | 22.36  | 20.30                           | 20.31  | 20.15  |
|                                 |           | DFT-s 16QAM     | 1             | 1         | 22.20                           | 22.40  | 22.24  | 19.99                           | 20.19  | 20.03  |
|                                 |           | DFT-s 64QAM     | 1             | 1         | 20.97                           | 21.54  | 21.17  | 18.76                           | 19.33  | 18.96  |
|                                 |           | DFT-s 256QAM    | 1             | 1         | 18.87                           | 19.34  | 18.20  | 16.66                           | 17.13  | 15.99  |
|                                 |           | CP QPSK         | 1             | 1         | 22.74                           | 22.43  | 22.51  | 20.53                           | 20.22  | 20.30  |
|                                 |           | CP 16QAM        | 1             | 1         | 21.88                           | 21.44  | 21.40  | 19.67                           | 19.23  | 19.19  |
|                                 |           | CP 64QAM        | 1             | 1         | 19.69                           | 19.80  | 19.72  | 17.48                           | 17.59  | 17.51  |
|                                 |           | CP 256QAM       | 1             | 1         | 16.94                           | 17.12  | 16.66  | 14.73                           | 14.91  | 14.45  |
| 5G NR Band n71 : 663 to 698 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
| Antenna Gain(dBi)               |           |                 | -0.06         |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                   |           |                 | 3             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                        | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 133600                          | 136100 | 138600 | 133600                          | 136100 | 138600 |
|                                 |           |                 |               |           | 668                             | 680.5  | 693    | 668                             | 680.5  | 693    |
| 10                              | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.57                           | 23.64  | 23.26  | 21.36                           | 21.43  | 21.05  |
|                                 |           |                 | 1             | 50        | 23.02                           | 23.44  | 23.07  | 20.81                           | 21.23  | 20.86  |
|                                 |           |                 | 25            | 12        | 23.30                           | 23.31  | 23.21  | 21.09                           | 21.10  | 21.00  |
|                                 |           |                 | 50            | 0         | 23.07                           | 23.03  | 22.94  | 20.86                           | 20.82  | 20.73  |
|                                 |           | DFT-s QPSK      | 1             | 1         | 23.42                           | 23.20  | 23.23  | 21.21                           | 20.99  | 21.02  |
|                                 |           |                 | 1             | 50        | 23.44                           | 23.25  | 23.05  | 21.23                           | 21.04  | 20.84  |
|                                 |           |                 | 25            | 12        | 23.30                           | 23.19  | 23.09  | 21.09                           | 20.98  | 20.88  |
|                                 |           |                 | 50            | 0         | 22.59                           | 22.56  | 22.51  | 20.38                           | 20.35  | 20.30  |
|                                 |           | DFT-s 16QAM     | 1             | 1         | 22.68                           | 22.19  | 22.56  | 20.47                           | 19.98  | 20.35  |
|                                 |           | DFT-s 64QAM     | 1             | 1         | 20.87                           | 21.32  | 21.14  | 18.66                           | 19.11  | 18.93  |
|                                 |           | DFT-s 256QAM    | 1             | 1         | 19.25                           | 18.89  | 19.26  | 17.04                           | 16.68  | 17.05  |
|                                 |           | CP QPSK         | 1             | 1         | 21.83                           | 22.39  | 22.34  | 19.62                           | 20.18  | 20.13  |
|                                 |           | CP 16QAM        | 1             | 1         | 21.56                           | 21.72  | 21.74  | 19.35                           | 19.51  | 19.53  |
|                                 |           | CP 64QAM        | 1             | 1         | 20.18                           | 20.00  | 19.90  | 17.97                           | 17.79  | 17.69  |
|                                 |           | CP 256QAM       | 1             | 1         | 16.89                           | 17.17  | 17.24  | 14.68                           | 14.96  | 15.03  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

| 5G NR Band n71 : 663 to 698 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
|---------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)               |           |                 | -0.06         |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                   |           |                 | 3             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                        | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 134100                          | 136100 | 138100 | 134100                          | 136100 | 138100 |
|                                 |           |                 |               |           | 670.5                           | 680.5  | 690.5  | 670.5                           | 680.5  | 690.5  |
| 15                              | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.30                           | 23.36  | 23.49  | 21.09                           | 21.15  | 21.28  |
|                                 |           |                 | 1             | 77        | 22.94                           | 23.10  | 23.29  | 20.73                           | 20.89  | 21.08  |
|                                 |           |                 | 36            | 18        | 23.26                           | 23.30  | 23.15  | 21.05                           | 21.09  | 20.94  |
|                                 |           |                 | 75            | 0         | 22.98                           | 23.05  | 22.90  | 20.77                           | 20.84  | 20.69  |
|                                 |           | DFT-s QPSK      | 1             | 1         | 23.15                           | 23.21  | 23.18  | 20.94                           | 21.00  | 20.97  |
|                                 |           |                 | 1             | 77        | 22.99                           | 23.11  | 23.46  | 20.78                           | 20.90  | 21.25  |
|                                 |           |                 | 36            | 18        | 23.28                           | 23.32  | 23.17  | 21.07                           | 21.11  | 20.96  |
|                                 |           |                 | 75            | 0         | 22.56                           | 22.57  | 22.42  | 20.35                           | 20.36  | 20.21  |
|                                 |           | DFT-s 16QAM     | 1             | 1         | 22.43                           | 22.57  | 22.73  | 20.22                           | 20.36  | 20.52  |
|                                 |           | DFT-s 64QAM     | 1             | 1         | 21.26                           | 21.18  | 21.05  | 19.05                           | 18.97  | 18.84  |
|                                 |           | DFT-s 256QAM    | 1             | 1         | 19.22                           | 19.07  | 19.13  | 17.01                           | 16.86  | 16.92  |
|                                 |           | CP QPSK         | 1             | 1         | 21.86                           | 21.67  | 21.43  | 19.65                           | 19.46  | 19.22  |
|                                 |           | CP 16QAM        | 1             | 1         | 21.20                           | 21.53  | 20.81  | 18.99                           | 19.32  | 18.60  |
|                                 |           | CP 64QAM        | 1             | 1         | 19.71                           | 19.72  | 19.80  | 17.50                           | 17.51  | 17.59  |
|                                 |           | CP 256QAM       | 1             | 1         | 17.56                           | 16.51  | 16.87  | 15.35                           | 14.30  | 14.66  |
| 5G NR Band n71 : 663 to 698 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | ERP (dBm)                       |        |        |
| Antenna Gain(dBi)               |           |                 | -0.06         |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| ERP Limit (W)                   |           |                 | 3             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                        | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 134600                          | 136100 | 137600 | 134600                          | 136100 | 137600 |
|                                 |           |                 |               |           | 673                             | 680.5  | 688    | 673                             | 680.5  | 688    |
| 20                              | 15        | DFT-s PI/2 BPSK | 1             | 1         | 23.38                           | 23.38  | 23.42  | 21.17                           | 21.17  | 21.21  |
|                                 |           |                 | 1             | 104       | 23.25                           | 23.09  | 23.18  | 21.04                           | 20.88  | 20.97  |
|                                 |           |                 | 50            | 25        | 23.20                           | 23.28  | 23.16  | 20.99                           | 21.07  | 20.95  |
|                                 |           |                 | 100           | 0         | 22.88                           | 22.99  | 22.95  | 20.67                           | 20.78  | 20.74  |
|                                 |           | DFT-s QPSK      | 1             | 1         | 23.29                           | 23.30  | 23.12  | 21.08                           | 21.09  | 20.91  |
|                                 |           |                 | 1             | 104       | 23.21                           | 23.32  | 23.20  | 21.00                           | 21.11  | 20.99  |
|                                 |           |                 | 50            | 25        | 23.18                           | 23.21  | 23.19  | 20.97                           | 21.00  | 20.98  |
|                                 |           |                 | 100           | 0         | 22.41                           | 22.51  | 22.44  | 20.20                           | 20.30  | 20.23  |
|                                 |           | DFT-s 16QAM     | 1             | 1         | 22.50                           | 22.22  | 22.57  | 20.29                           | 20.01  | 20.36  |
|                                 |           | DFT-s 64QAM     | 1             | 1         | 20.95                           | 21.08  | 20.66  | 18.74                           | 18.87  | 18.45  |
|                                 |           | DFT-s 256QAM    | 1             | 1         | 19.23                           | 19.14  | 18.84  | 17.02                           | 16.93  | 16.63  |
|                                 |           | CP QPSK         | 1             | 1         | 22.08                           | 22.00  | 22.31  | 19.87                           | 19.79  | 20.10  |
|                                 |           | CP 16QAM        | 1             | 1         | 21.56                           | 21.51  | 21.71  | 19.35                           | 19.30  | 19.50  |
|                                 |           | CP 64QAM        | 1             | 1         | 19.86                           | 20.18  | 19.78  | 17.65                           | 17.97  | 17.57  |
|                                 |           | CP 256QAM       | 1             | 1         | 16.90                           | 17.17  | 17.14  | 14.69                           | 14.96  | 14.93  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n38: 2570 to 2620 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
|----------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)                |           |                 | 1.19          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                   |           |                 | 2             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                         | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 515000                          | 519000 | 523000 | 515000                          | 519000 | 523000 |
|                                  |           |                 |               |           | 2575                            | 2595   | 2615   | 2575                            | 2595   | 2615   |
| 10                               | 30        | DFT-s PI/2 BPSK | 1             | 1         | 23.99                           | 24.06  | 23.83  | 25.18                           | 25.25  | 25.02  |
|                                  |           |                 | 1             | 22        | 23.93                           | 23.90  | 23.79  | 25.12                           | 25.09  | 24.98  |
|                                  |           |                 | 12            | 6         | 23.76                           | 23.84  | 23.68  | 24.95                           | 25.03  | 24.87  |
|                                  |           |                 | 24            | 0         | 23.52                           | 23.60  | 23.47  | 24.71                           | 24.79  | 24.66  |
|                                  |           | DFT-s QPSK      | 1             | 1         | 23.59                           | 23.84  | 23.38  | 24.78                           | 25.03  | 24.57  |
|                                  |           |                 | 1             | 22        | 23.85                           | 23.87  | 23.82  | 25.04                           | 25.06  | 25.01  |
|                                  |           |                 | 12            | 6         | 23.74                           | 23.85  | 23.74  | 24.93                           | 25.04  | 24.93  |
|                                  |           |                 | 24            | 0         | 22.96                           | 23.17  | 22.89  | 24.15                           | 24.36  | 24.08  |
|                                  |           | DFT-s 16QAM     | 1             | 1         | 22.90                           | 23.31  | 23.00  | 24.09                           | 24.50  | 24.19  |
|                                  |           | DFT-s 64QAM     | 1             | 1         | 21.14                           | 21.56  | 21.59  | 22.33                           | 22.75  | 22.78  |
|                                  |           | DFT-s 256QAM    | 1             | 1         | 19.22                           | 20.24  | 19.36  | 20.41                           | 21.43  | 20.55  |
|                                  |           | CP QPSK         | 1             | 1         | 22.44                           | 22.59  | 22.50  | 23.63                           | 23.78  | 23.69  |
|                                  |           | CP 16QAM        | 1             | 1         | 21.99                           | 22.20  | 22.20  | 23.18                           | 23.39  | 23.39  |
|                                  |           | CP 64QAM        | 1             | 1         | 20.64                           | 20.58  | 20.59  | 21.83                           | 21.77  | 21.78  |
|                                  |           | CP 256QAM       | 1             | 1         | 17.61                           | 17.56  | 18.25  | 18.80                           | 18.75  | 19.44  |
| 5G NR Band n38: 2570 to 2620 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
| Antenna Gain(dBi)                |           |                 | 1.19          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                   |           |                 | 2             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                         | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 515500                          | 519000 | 522500 | 515500                          | 519000 | 522500 |
|                                  |           |                 |               |           | 2577.5                          | 2595   | 2612.5 | 2577.5                          | 2595   | 2612.5 |
| 15                               | 30        | DFT-s PI/2 BPSK | 1             | 1         | 23.92                           | 23.91  | 24.05  | 25.11                           | 25.10  | 25.24  |
|                                  |           |                 | 1             | 36        | 23.77                           | 23.85  | 23.75  | 24.96                           | 25.04  | 24.94  |
|                                  |           |                 | 18            | 9         | 23.82                           | 23.75  | 23.99  | 25.01                           | 24.94  | 25.18  |
|                                  |           |                 | 36            | 0         | 23.50                           | 23.57  | 23.58  | 24.69                           | 24.76  | 24.77  |
|                                  |           | DFT-s QPSK      | 1             | 1         | 23.85                           | 23.67  | 23.83  | 25.04                           | 24.86  | 25.02  |
|                                  |           |                 | 1             | 36        | 23.70                           | 23.73  | 23.94  | 24.89                           | 24.92  | 25.13  |
|                                  |           |                 | 18            | 9         | 23.78                           | 23.86  | 23.88  | 24.97                           | 25.05  | 25.07  |
|                                  |           |                 | 36            | 0         | 23.01                           | 23.10  | 23.07  | 24.20                           | 24.29  | 24.26  |
|                                  |           | DFT-s 16QAM     | 1             | 1         | 22.97                           | 23.05  | 23.00  | 24.16                           | 24.24  | 24.19  |
|                                  |           | DFT-s 64QAM     | 1             | 1         | 21.09                           | 21.74  | 21.46  | 22.28                           | 22.93  | 22.65  |
|                                  |           | DFT-s 256QAM    | 1             | 1         | 19.10                           | 19.70  | 19.38  | 20.29                           | 20.89  | 20.57  |
|                                  |           | CP QPSK         | 1             | 1         | 22.33                           | 22.22  | 22.84  | 23.52                           | 23.41  | 24.03  |
|                                  |           | CP 16QAM        | 1             | 1         | 21.76                           | 21.91  | 22.32  | 22.95                           | 23.10  | 23.51  |
|                                  |           | CP 64QAM        | 1             | 1         | 20.08                           | 20.84  | 20.55  | 21.27                           | 22.03  | 21.74  |
|                                  |           | CP 256QAM       | 1             | 1         | 17.03                           | 17.31  | 17.65  | 18.22                           | 18.50  | 18.84  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

| 5G NR Band n38: 2570 to 2620 MHz                                            |           |                 |               |                         | Conducted Average (dBm)         |        |         | EIRP (dBm)                      |                                 |        |         |        |
|-----------------------------------------------------------------------------|-----------|-----------------|---------------|-------------------------|---------------------------------|--------|---------|---------------------------------|---------------------------------|--------|---------|--------|
| Antenna Gain(dBi)                                                           |           |                 | 1.19          |                         | Channel (ARFCH)/ Frequency(MHz) |        |         | Channel (ARFCH)/ Frequency(MHz) |                                 |        |         |        |
| EIRP Limit (W)                                                              |           |                 | 2             |                         | Low                             | Mid    | High    | Low                             | Mid                             | High   |         |        |
| BW (MHz)                                                                    | SCS (kHz) | Modulation      | RB Allocation | RB Offset               | 516000                          | 519000 | 522000  | 516000                          | 519000                          | 522000 |         |        |
|                                                                             |           |                 |               |                         | 2580                            | 2595   | 2610    | 2580                            | 2595                            | 2610   |         |        |
| 20                                                                          | 30        | DFT-s PI/2 BPSK | 1             | 1                       | 23.95                           | 23.92  | 23.83   | 25.14                           | 25.11                           | 25.02  |         |        |
|                                                                             |           |                 | 1             | 49                      | 23.71                           | 23.71  | 23.80   | 24.90                           | 24.90                           | 24.99  |         |        |
|                                                                             |           |                 | 25            | 12                      | 23.83                           | 23.78  | 23.82   | 25.02                           | 24.97                           | 25.01  |         |        |
|                                                                             |           |                 | 50            | 0                       | 23.51                           | 23.62  | 23.49   | 24.70                           | 24.81                           | 24.68  |         |        |
|                                                                             |           | DFT-s QPSK      | 1             | 1                       | 23.80                           | 23.84  | 23.71   | 24.99                           | 25.03                           | 24.90  |         |        |
|                                                                             |           |                 | 1             | 49                      | 23.90                           | 23.80  | 23.78   | 25.09                           | 24.99                           | 24.97  |         |        |
|                                                                             |           |                 | 25            | 12                      | 23.78                           | 23.87  | 23.71   | 24.97                           | 25.06                           | 24.90  |         |        |
|                                                                             |           |                 | 50            | 0                       | 22.96                           | 23.07  | 22.99   | 24.15                           | 24.26                           | 24.18  |         |        |
|                                                                             |           | DFT-s 16QAM     | 1             | 1                       | 22.95                           | 23.14  | 23.12   | 24.14                           | 24.33                           | 24.31  |         |        |
|                                                                             |           | DFT-s 64QAM     | 1             | 1                       | 21.55                           | 21.49  | 21.88   | 22.74                           | 22.68                           | 23.07  |         |        |
|                                                                             |           | DFT-s 256QAM    | 1             | 1                       | 19.54                           | 19.55  | 19.65   | 20.73                           | 20.74                           | 20.84  |         |        |
|                                                                             |           | CP QPSK         | 1             | 1                       | 22.40                           | 22.47  | 22.92   | 23.59                           | 23.66                           | 24.11  |         |        |
|                                                                             |           | CP 16QAM        | 1             | 1                       | 21.89                           | 22.39  | 22.26   | 23.08                           | 23.58                           | 23.45  |         |        |
|                                                                             |           | CP 64QAM        | 1             | 1                       | 20.52                           | 20.18  | 20.78   | 21.71                           | 21.37                           | 21.97  |         |        |
|                                                                             |           | CP 256QAM       | 1             | 1                       | 17.70                           | 17.48  | 17.75   | 18.89                           | 18.67                           | 18.94  |         |        |
| FCC 5G NR Band n41: 2496 to 2690 MHz<br>IC 5G NR Band n41: 2500 to 2690 MHz |           |                 |               | Conducted Average (dBm) |                                 |        |         | EIRP (dBm)                      |                                 |        |         |        |
| Antenna Gain(dBi)                                                           |           |                 | 1.19          |                         | Channel (ARFCH)/ Frequency(MHz) |        |         |                                 | Channel (ARFCH)/ Frequency(MHz) |        |         |        |
| EIRP Limit (W)                                                              |           |                 | 2             |                         | Low                             | Low    | Mid     | High                            | Low                             | Low    | Mid     | High   |
| BW (MHz)                                                                    | SCS (kHz) | Modulation      | RB Allocation | RB Offset               | 500202                          | 501000 | 518604  | 537000                          | 500202                          | 501000 | 518604  | 537000 |
|                                                                             |           |                 |               |                         | 2501.01                         | 2505   | 2593.02 | 2685                            | 2501.01                         | 2505   | 2593.02 | 2685   |
| 10                                                                          | 30        | DFT-s PI/2 BPSK | 1             | 1                       | 23.86                           | 23.85  | 23.81   | 23.80                           | 25.05                           | 25.04  | 25.00   | 24.99  |
|                                                                             |           |                 | 1             | 22                      | 23.85                           | 23.55  | 23.76   | 23.53                           | 25.04                           | 24.74  | 24.95   | 24.72  |
|                                                                             |           |                 | 12            | 6                       | 23.72                           | 23.60  | 23.54   | 23.46                           | 24.91                           | 24.79  | 24.73   | 24.65  |
|                                                                             |           |                 | 24            | 0                       | 23.41                           | 23.40  | 23.40   | 23.14                           | 24.60                           | 24.59  | 24.59   | 24.33  |
|                                                                             |           | DFT-s QPSK      | 1             | 1                       | 23.74                           | 23.82  | 23.63   | 23.37                           | 24.93                           | 25.01  | 24.82   | 24.56  |
|                                                                             |           |                 | 1             | 22                      | 23.82                           | 23.53  | 23.65   | 23.48                           | 25.01                           | 24.72  | 24.84   | 24.67  |
|                                                                             |           |                 | 12            | 6                       | 23.71                           | 23.63  | 23.71   | 23.44                           | 24.90                           | 24.82  | 24.90   | 24.63  |
|                                                                             |           |                 | 24            | 0                       | 22.91                           | 22.86  | 22.90   | 22.64                           | 24.10                           | 24.05  | 24.09   | 23.83  |
|                                                                             |           | DFT-s 16QAM     | 1             | 1                       | 22.82                           | 22.91  | 22.99   | 22.84                           | 24.01                           | 24.10  | 24.18   | 24.03  |
|                                                                             |           | DFT-s 64QAM     | 1             | 1                       | 21.36                           | 21.72  | 21.19   | 21.11                           | 22.55                           | 22.91  | 22.38   | 22.30  |
|                                                                             |           | DFT-s 256QAM    | 1             | 1                       | 19.42                           | 19.66  | 18.98   | 19.58                           | 20.61                           | 20.85  | 20.17   | 20.77  |
|                                                                             |           | CP QPSK         | 1             | 1                       | 22.39                           | 22.44  | 22.52   | 22.24                           | 23.58                           | 23.63  | 23.71   | 23.43  |
|                                                                             |           | CP 16QAM        | 1             | 1                       | 21.90                           | 21.61  | 22.00   | 21.76                           | 23.09                           | 22.80  | 23.19   | 22.95  |
|                                                                             |           | CP 64QAM        | 1             | 1                       | 20.60                           | 20.35  | 20.57   | 20.25                           | 21.79                           | 21.54  | 21.76   | 21.44  |
|                                                                             |           | CP 256QAM       | 1             | 1                       | 17.48                           | 17.98  | 17.37   | 16.91                           | 18.67                           | 19.17  | 18.56   | 18.10  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| FCC 5G NR Band n41: 2496 to 2690 MHz<br>IC 5G NR Band n41: 2500 to 2690 MHz |           |                 |               |           | Conducted Average (dBm)         |         |         |         | EIRP (dBm)                      |         |         |         |
|-----------------------------------------------------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|---------|---------|---------|---------------------------------|---------|---------|---------|
| Antenna Gain(dBi)                                                           |           |                 | 1.19          |           | Channel (ARFCH)/ Frequency(MHz) |         |         |         | Channel (ARFCH)/ Frequency(MHz) |         |         |         |
| EIRP Limit (W)                                                              |           |                 | 2             |           | Low                             | Low     | Mid     | High    | Low                             | Low     | Mid     | High    |
| BW (MHz)                                                                    | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 500700                          | 501504  | 518604  | 536496  | 500700                          | 501504  | 518604  | 536496  |
|                                                                             |           |                 |               |           | 2503.5                          | 2507.52 | 2593.02 | 2682.48 | 2503.5                          | 2507.52 | 2593.02 | 2682.48 |
| 15                                                                          | 30        | DFT-s PI/2 BPSK | 1             | 1         | 23.89                           | 23.90   | 23.72   | 23.58   | 25.08                           | 25.09   | 24.91   | 24.77   |
|                                                                             |           |                 | 1             | 36        | 23.64                           | 23.85   | 23.46   | 23.54   | 24.83                           | 25.04   | 24.65   | 24.73   |
|                                                                             |           |                 | 18            | 9         | 23.79                           | 23.77   | 23.63   | 23.51   | 24.98                           | 24.96   | 24.82   | 24.70   |
|                                                                             |           |                 | 36            | 0         | 23.43                           | 23.44   | 23.40   | 23.17   | 24.62                           | 24.63   | 24.59   | 24.36   |
|                                                                             |           | DFT-s QPSK      | 1             | 1         | 23.62                           | 23.34   | 23.36   | 23.72   | 24.81                           | 24.53   | 24.55   | 24.91   |
|                                                                             |           |                 | 1             | 36        | 23.83                           | 23.80   | 23.44   | 23.34   | 25.02                           | 24.99   | 24.63   | 24.53   |
|                                                                             |           |                 | 18            | 9         | 23.76                           | 23.73   | 23.71   | 23.53   | 24.95                           | 24.92   | 24.90   | 24.72   |
|                                                                             |           |                 | 36            | 0         | 22.98                           | 22.96   | 22.88   | 22.73   | 24.17                           | 24.15   | 24.07   | 23.92   |
|                                                                             |           | DFT-s 16QAM     | 1             | 1         | 22.57                           | 23.10   | 22.73   | 22.76   | 23.76                           | 24.29   | 23.92   | 23.95   |
|                                                                             |           | DFT-s 64QAM     | 1             | 1         | 21.59                           | 21.56   | 21.23   | 20.89   | 22.78                           | 22.75   | 22.42   | 22.08   |
|                                                                             |           | DFT-s 256QAM    | 1             | 1         | 19.06                           | 19.08   | 18.86   | 18.81   | 20.25                           | 20.27   | 20.05   | 20.00   |
|                                                                             |           | CP QPSK         | 1             | 1         | 22.48                           | 22.58   | 21.69   | 22.08   | 23.67                           | 23.77   | 22.88   | 23.27   |
|                                                                             |           | CP 16QAM        | 1             | 1         | 21.73                           | 21.85   | 21.69   | 21.66   | 22.92                           | 23.04   | 22.88   | 22.85   |
|                                                                             |           | CP 64QAM        | 1             | 1         | 20.15                           | 19.82   | 20.45   | 19.94   | 21.34                           | 21.01   | 21.64   | 21.13   |
|                                                                             |           | CP 256QAM       | 1             | 1         | 17.36                           | 16.96   | 17.03   | 16.89   | 18.55                           | 18.15   | 18.22   | 18.08   |
| FCC 5G NR Band n41: 2496 to 2690 MHz<br>IC 5G NR Band n41: 2500 to 2690 MHz |           |                 |               |           | Conducted Average (dBm)         |         |         |         | EIRP (dBm)                      |         |         |         |
| Antenna Gain(dBi)                                                           |           |                 | 1.19          |           | Channel (ARFCH)/ Frequency(MHz) |         |         |         | Channel (ARFCH)/ Frequency(MHz) |         |         |         |
| EIRP Limit (W)                                                              |           |                 | 2             |           | Low                             | Low     | Mid     | High    | Low                             | Low     | Mid     | High    |
| BW (MHz)                                                                    | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 501204                          | 502002  | 518604  | 535998  | 501204                          | 502002  | 518604  | 535998  |
|                                                                             |           |                 |               |           | 2506.02                         | 2510.01 | 2593.02 | 2679.99 | 2506.02                         | 2510.01 | 2593.02 | 2679.99 |
| 20                                                                          | 30        | DFT-s PI/2 BPSK | 1             | 1         | 23.68                           | 23.74   | 23.74   | 23.81   | 24.87                           | 24.93   | 24.93   | 25.00   |
|                                                                             |           |                 | 1             | 49        | 23.66                           | 23.64   | 23.72   | 23.40   | 24.85                           | 24.83   | 24.91   | 24.59   |
|                                                                             |           |                 | 25            | 12        | 23.63                           | 23.64   | 23.68   | 23.48   | 24.82                           | 24.83   | 24.87   | 24.67   |
|                                                                             |           |                 | 50            | 0         | 23.37                           | 23.35   | 23.32   | 23.22   | 24.56                           | 24.54   | 24.51   | 24.41   |
|                                                                             |           | DFT-s QPSK      | 1             | 1         | 23.55                           | 23.69   | 23.65   | 23.54   | 24.74                           | 24.88   | 24.84   | 24.73   |
|                                                                             |           |                 | 1             | 49        | 23.64                           | 23.40   | 23.50   | 23.54   | 24.83                           | 24.59   | 24.69   | 24.73   |
|                                                                             |           |                 | 25            | 12        | 23.77                           | 23.65   | 23.69   | 23.54   | 24.96                           | 24.84   | 24.88   | 24.73   |
|                                                                             |           |                 | 50            | 0         | 22.95                           | 22.88   | 22.88   | 22.72   | 24.14                           | 24.07   | 24.07   | 23.91   |
|                                                                             |           | DFT-s 16QAM     | 1             | 1         | 22.95                           | 22.85   | 23.00   | 22.60   | 24.14                           | 24.04   | 24.19   | 23.79   |
|                                                                             |           | DFT-s 64QAM     | 1             | 1         | 21.74                           | 21.20   | 21.13   | 21.42   | 22.93                           | 22.39   | 22.32   | 22.61   |
|                                                                             |           | DFT-s 256QAM    | 1             | 1         | 19.46                           | 18.95   | 19.45   | 19.36   | 20.65                           | 20.14   | 20.64   | 20.55   |
|                                                                             |           | CP QPSK         | 1             | 1         | 22.42                           | 22.48   | 22.21   | 22.02   | 23.61                           | 23.67   | 23.40   | 23.21   |
|                                                                             |           | CP 16QAM        | 1             | 1         | 21.93                           | 21.80   | 21.85   | 21.68   | 23.12                           | 22.99   | 23.04   | 22.87   |
|                                                                             |           | CP 64QAM        | 1             | 1         | 20.57                           | 20.21   | 20.62   | 20.33   | 21.76                           | 21.40   | 21.81   | 21.52   |
|                                                                             |           | CP 256QAM       | 1             | 1         | 17.52                           | 16.79   | 17.58   | 17.14   | 18.71                           | 17.98   | 18.77   | 18.33   |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n53: 2483.5 to 2495 MHz      |           |                 |               |           | Conducted Average (dBm)         |         |         | EIRP (dBm)                      |         |         |
|-----------------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|---------|---------|---------------------------------|---------|---------|
| Antenna Gain(dBi)                       |           |                 | 1.19          |           | Channel (ARFCH)/ Frequency(MHz) |         |         | Channel (ARFCH)/ Frequency(MHz) |         |         |
| EIRP Limit (W)                          |           |                 | 1             |           | Low                             | Mid     | High    | Low                             | Mid     | High    |
| BW (MHz)                                | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 497700                          | 497800  | 498000  | 497700                          | 497800  | 498000  |
|                                         |           |                 |               |           | 2488.5                          | 2489    | 2490    | 2488.5                          | 2489    | 2490    |
| 10                                      | 30        | DFT-s PI/2 BPSK | 1             | 1         | 23.26                           | 23.35   | 23.18   | 24.45                           | 24.54   | 24.37   |
|                                         |           |                 | 1             | 22        | 23.03                           | 23.25   | 22.88   | 24.22                           | 24.44   | 24.07   |
|                                         |           |                 | 12            | 6         | 23.10                           | 23.14   | 23.02   | 24.29                           | 24.33   | 24.21   |
|                                         |           |                 | 24            | 0         | 22.90                           | 22.88   | 22.85   | 24.09                           | 24.07   | 24.04   |
|                                         |           | DFT-s QPSK      | 1             | 1         | 23.07                           | 23.19   | 23.12   | 24.26                           | 24.38   | 24.31   |
|                                         |           |                 | 1             | 22        | 22.94                           | 23.11   | 23.14   | 24.13                           | 24.30   | 24.33   |
|                                         |           |                 | 12            | 6         | 23.12                           | 23.12   | 23.08   | 24.31                           | 24.31   | 24.27   |
|                                         |           |                 | 24            | 0         | 22.32                           | 22.37   | 22.32   | 23.51                           | 23.56   | 23.51   |
|                                         |           | DFT-s 16QAM     | 1             | 1         | 22.37                           | 22.48   | 22.31   | 23.56                           | 23.67   | 23.50   |
|                                         |           | DFT-s 64QAM     | 1             | 1         | 21.04                           | 21.41   | 21.04   | 22.23                           | 22.60   | 22.23   |
|                                         |           | DFT-s 256QAM    | 1             | 1         | 19.28                           | 19.28   | 19.00   | 20.47                           | 20.47   | 20.19   |
|                                         |           | CP QPSK         | 1             | 1         | 22.12                           | 22.03   | 21.80   | 23.31                           | 23.22   | 22.99   |
|                                         |           | CP 16QAM        | 1             | 1         | 21.27                           | 21.48   | 21.51   | 22.46                           | 22.67   | 22.70   |
|                                         |           | CP 64QAM        | 1             | 1         | 19.69                           | 20.25   | 19.86   | 20.88                           | 21.44   | 21.05   |
|                                         |           | CP 256QAM       | 1             | 1         | 17.88                           | 17.52   | 17.71   | 19.07                           | 18.71   | 18.90   |
| 5G NR Band n77_Part27: 3450 to 3550 MHz |           |                 |               |           | Conducted Average (dBm)         |         |         | EIRP (dBm)                      |         |         |
| Antenna Gain(dBi)                       |           |                 | 0.91          |           | Channel (ARFCH)/ Frequency(MHz) |         |         | Channel (ARFCH)/ Frequency(MHz) |         |         |
| EIRP Limit (W)                          |           |                 | 1             |           | Low                             | Mid     | High    | Low                             | Mid     | High    |
| BW (MHz)                                | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 630334                          | 633334  | 636332  | 630334                          | 633334  | 636332  |
|                                         |           |                 |               |           | 3455.01                         | 3500.01 | 3544.98 | 3455.01                         | 3500.01 | 3544.98 |
| 10                                      | 30        | DFT-s PI/2 BPSK | 1             | 1         | 23.56                           | 23.29   | 23.16   | 24.47                           | 24.20   | 24.07   |
|                                         |           |                 | 1             | 22        | 23.38                           | 23.06   | 23.07   | 24.29                           | 23.97   | 23.98   |
|                                         |           |                 | 12            | 6         | 23.50                           | 23.05   | 23.10   | 24.41                           | 23.96   | 24.01   |
|                                         |           |                 | 24            | 0         | 23.17                           | 22.84   | 22.87   | 24.08                           | 23.75   | 23.78   |
|                                         |           | DFT-s QPSK      | 1             | 1         | 23.50                           | 23.14   | 23.10   | 24.41                           | 24.05   | 24.01   |
|                                         |           |                 | 1             | 22        | 23.51                           | 22.96   | 23.10   | 24.42                           | 23.87   | 24.01   |
|                                         |           |                 | 12            | 6         | 23.47                           | 23.11   | 23.15   | 24.38                           | 24.02   | 24.06   |
|                                         |           |                 | 24            | 0         | 22.82                           | 22.43   | 22.44   | 23.73                           | 23.34   | 23.35   |
|                                         |           | DFT-s 16QAM     | 1             | 1         | 22.24                           | 22.38   | 22.43   | 23.15                           | 23.29   | 23.34   |
|                                         |           | DFT-s 64QAM     | 1             | 1         | 21.23                           | 20.92   | 20.82   | 22.14                           | 21.83   | 21.73   |
|                                         |           | DFT-s 256QAM    | 1             | 1         | 18.84                           | 19.25   | 18.71   | 19.75                           | 20.16   | 19.62   |
|                                         |           | CP QPSK         | 1             | 1         | 22.50                           | 22.25   | 22.24   | 23.41                           | 23.16   | 23.15   |
|                                         |           | CP 16QAM        | 1             | 1         | 21.80                           | 21.27   | 21.39   | 22.71                           | 22.18   | 22.30   |
|                                         |           | CP 64QAM        | 1             | 1         | 20.08                           | 20.23   | 19.67   | 20.99                           | 21.14   | 20.58   |
|                                         |           | CP 256QAM       | 1             | 1         | 17.18                           | 17.31   | 16.68   | 18.09                           | 18.22   | 17.59   |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n77_Part27: 3450 to 3550 MHz |           |                 |               |           | Conducted Average (dBm)         |         |         | EIRP (dBm)                      |         |         |
|-----------------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|---------|---------|---------------------------------|---------|---------|
| Antenna Gain(dBi)                       |           |                 | 0.91          |           | Channel (ARFCH)/ Frequency(MHz) |         |         | Channel (ARFCH)/ Frequency(MHz) |         |         |
| EIRP Limit (W)                          |           |                 | 1             |           | Low                             | Mid     | High    | Low                             | Mid     | High    |
| BW (MHz)                                | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 630500                          | 633334  | 636166  | 630500                          | 633334  | 636166  |
|                                         |           |                 |               |           | 3457.5                          | 3500.01 | 3542.49 | 3457.5                          | 3500.01 | 3542.49 |
| 15                                      | 30        | DFT-s PI/2 BPSK | 1             | 1         | 23.55                           | 23.27   | 23.24   | 24.46                           | 24.18   | 24.15   |
|                                         |           |                 | 1             | 36        | 23.11                           | 22.88   | 23.22   | 24.02                           | 23.79   | 24.13   |
|                                         |           |                 | 18            | 9         | 23.34                           | 23.04   | 23.15   | 24.25                           | 23.95   | 24.06   |
|                                         |           |                 | 36            | 0         | 23.13                           | 22.83   | 22.85   | 24.04                           | 23.74   | 23.76   |
|                                         |           | DFT-s QPSK      | 1             | 1         | 23.43                           | 23.15   | 23.02   | 24.34                           | 24.06   | 23.93   |
|                                         |           |                 | 1             | 36        | 23.33                           | 23.12   | 23.06   | 24.24                           | 24.03   | 23.97   |
|                                         |           |                 | 18            | 9         | 23.46                           | 23.04   | 23.19   | 24.37                           | 23.95   | 24.10   |
|                                         |           |                 | 36            | 0         | 22.71                           | 22.25   | 22.39   | 23.62                           | 23.16   | 23.30   |
|                                         |           | DFT-s 16QAM     | 1             | 1         | 22.59                           | 21.93   | 22.21   | 23.50                           | 22.84   | 23.12   |
|                                         |           | DFT-s 64QAM     | 1             | 1         | 21.23                           | 20.71   | 20.64   | 22.14                           | 21.62   | 21.55   |
|                                         |           | DFT-s 256QAM    | 1             | 1         | 19.15                           | 18.76   | 18.80   | 20.06                           | 19.67   | 19.71   |
|                                         |           | CP QPSK         | 1             | 1         | 22.03                           | 21.31   | 21.69   | 22.94                           | 22.22   | 22.60   |
|                                         |           | CP 16QAM        | 1             | 1         | 21.30                           | 21.12   | 21.28   | 22.21                           | 22.03   | 22.19   |
|                                         |           | CP 64QAM        | 1             | 1         | 19.93                           | 19.82   | 19.41   | 20.84                           | 20.73   | 20.32   |
|                                         |           | CP 256QAM       | 1             | 1         | 16.77                           | 16.90   | 16.37   | 17.68                           | 17.81   | 17.28   |
| 5G NR Band n77_Part27: 3450 to 3550 MHz |           |                 |               |           | Conducted Average (dBm)         |         |         | EIRP (dBm)                      |         |         |
| Antenna Gain(dBi)                       |           |                 | 0.91          |           | Channel (ARFCH)/ Frequency(MHz) |         |         | Channel (ARFCH)/ Frequency(MHz) |         |         |
| EIRP Limit (W)                          |           |                 | 1             |           | Low                             | Mid     | High    | Low                             | Mid     | High    |
| BW (MHz)                                | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 630668                          | 633334  | 636000  | 630668                          | 633334  | 636000  |
|                                         |           |                 |               |           | 3460.02                         | 3500.01 | 3540    | 3460.02                         | 3500.01 | 3540    |
| 20                                      | 30        | DFT-s PI/2 BPSK | 1             | 1         | 23.60                           | 23.29   | 23.24   | 24.51                           | 24.20   | 24.15   |
|                                         |           |                 | 1             | 49        | 23.49                           | 22.97   | 23.22   | 24.40                           | 23.88   | 24.13   |
|                                         |           |                 | 25            | 12        | 23.55                           | 23.09   | 23.05   | 24.46                           | 24.00   | 23.96   |
|                                         |           |                 | 50            | 0         | 23.31                           | 22.85   | 22.81   | 24.22                           | 23.76   | 23.72   |
|                                         |           | DFT-s QPSK      | 1             | 1         | 23.39                           | 23.24   | 23.03   | 24.30                           | 24.15   | 23.94   |
|                                         |           |                 | 1             | 49        | 23.27                           | 23.02   | 23.14   | 24.18                           | 23.93   | 24.05   |
|                                         |           |                 | 25            | 12        | 23.51                           | 23.00   | 23.06   | 24.42                           | 23.91   | 23.97   |
|                                         |           |                 | 50            | 0         | 22.62                           | 22.29   | 22.31   | 23.53                           | 23.20   | 23.22   |
|                                         |           | DFT-s 16QAM     | 1             | 1         | 22.99                           | 22.15   | 22.33   | 23.90                           | 23.06   | 23.24   |
|                                         |           | DFT-s 64QAM     | 1             | 1         | 21.34                           | 20.94   | 20.60   | 22.25                           | 21.85   | 21.51   |
|                                         |           | DFT-s 256QAM    | 1             | 1         | 19.26                           | 18.72   | 19.11   | 20.17                           | 19.63   | 20.02   |
|                                         |           | CP QPSK         | 1             | 1         | 21.74                           | 21.67   | 21.45   | 22.65                           | 22.58   | 22.36   |
|                                         |           | CP 16QAM        | 1             | 1         | 21.79                           | 21.18   | 21.09   | 22.70                           | 22.09   | 22.00   |
|                                         |           | CP 64QAM        | 1             | 1         | 20.36                           | 19.91   | 19.80   | 21.27                           | 20.82   | 20.71   |
|                                         |           | CP 256QAM       | 1             | 1         | 16.94                           | 16.78   | 16.70   | 17.85                           | 17.69   | 17.61   |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n77_Part27: 3700 to 3980 MHz |           |                 |               |           | Conducted Average (dBm)         |        |        | EIRP (dBm)                      |        |        |
|-----------------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|--------|---------------------------------|--------|--------|
| Antenna Gain(dBi)                       |           |                 | 0.91          |           | Channel (ARFCH)/ Frequency(MHz) |        |        | Channel (ARFCH)/ Frequency(MHz) |        |        |
| EIRP Limit (W)                          |           |                 | 1             |           | Low                             | Mid    | High   | Low                             | Mid    | High   |
| BW (MHz)                                | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 647000                          | 656000 | 665000 | 647000                          | 656000 | 665000 |
|                                         |           |                 |               |           | 3705                            | 3840   | 3975   | 3705                            | 3840   | 3975   |
| 10                                      | 30        | DFT-s PI/2 BPSK | 1             | 1         | 23.13                           | 22.92  | 23.35  | 24.04                           | 23.83  | 24.26  |
|                                         |           |                 | 1             | 22        | 22.85                           | 22.41  | 22.47  | 23.76                           | 23.32  | 23.38  |
|                                         |           |                 | 12            | 6         | 22.76                           | 22.56  | 23.31  | 23.67                           | 23.47  | 24.22  |
|                                         |           |                 | 24            | 0         | 22.46                           | 22.38  | 23.09  | 23.37                           | 23.29  | 24.00  |
|                                         |           | DFT-s QPSK      | 1             | 1         | 22.79                           | 22.78  | 23.20  | 23.70                           | 23.69  | 24.11  |
|                                         |           |                 | 1             | 22        | 22.80                           | 22.47  | 23.24  | 23.71                           | 23.38  | 24.15  |
|                                         |           |                 | 12            | 6         | 22.73                           | 22.57  | 23.32  | 23.64                           | 23.48  | 24.23  |
|                                         |           |                 | 24            | 0         | 22.01                           | 21.78  | 22.62  | 22.92                           | 22.69  | 23.53  |
|                                         |           | DFT-s 16QAM     | 1             | 1         | 22.01                           | 21.73  | 22.28  | 22.92                           | 22.64  | 23.19  |
|                                         |           | DFT-s 64QAM     | 1             | 1         | 20.53                           | 20.18  | 20.46  | 21.44                           | 21.09  | 21.37  |
|                                         |           | DFT-s 256QAM    | 1             | 1         | 18.79                           | 18.70  | 18.93  | 19.70                           | 19.61  | 19.84  |
|                                         |           | CP QPSK         | 1             | 1         | 21.84                           | 21.00  | 21.93  | 22.75                           | 21.91  | 22.84  |
|                                         |           | CP 16QAM        | 1             | 1         | 21.12                           | 20.68  | 21.64  | 22.03                           | 21.59  | 22.55  |
|                                         |           | CP 64QAM        | 1             | 1         | 19.60                           | 19.19  | 19.99  | 20.51                           | 20.10  | 20.90  |
|                                         |           | CP 256QAM       | 1             | 1         | 16.98                           | 16.92  | 16.99  | 17.89                           | 17.83  | 17.90  |

| 5G NR Band n77_Part27: 3700 to 3980 MHz |           |                 |               |           | Conducted Average (dBm)         |        |         | EIRP (dBm)                      |        |         |
|-----------------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|---------|---------------------------------|--------|---------|
| Antenna Gain(dBi)                       |           |                 | 0.91          |           | Channel (ARFCH)/ Frequency(MHz) |        |         | Channel (ARFCH)/ Frequency(MHz) |        |         |
| EIRP Limit (W)                          |           |                 | 1             |           | Low                             | Mid    | High    | Low                             | Mid    | High    |
| BW (MHz)                                | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 647168                          | 656000 | 664832  | 647168                          | 656000 | 664832  |
|                                         |           |                 |               |           | 3707.52                         | 3840   | 3972.48 | 3707.52                         | 3840   | 3972.48 |
| 15                                      | 30        | DFT-s PI/2 BPSK | 1             | 1         | 22.81                           | 22.71  | 23.43   | 23.72                           | 23.62  | 24.34   |
|                                         |           |                 | 1             | 36        | 22.68                           | 22.70  | 23.42   | 23.59                           | 23.61  | 24.33   |
|                                         |           |                 | 18            | 9         | 22.72                           | 22.69  | 23.31   | 23.63                           | 23.60  | 24.22   |
|                                         |           |                 | 36            | 0         | 22.38                           | 22.32  | 23.07   | 23.29                           | 23.23  | 23.98   |
|                                         |           | DFT-s QPSK      | 1             | 1         | 22.68                           | 22.51  | 23.27   | 23.59                           | 23.42  | 24.18   |
|                                         |           |                 | 1             | 36        | 22.58                           | 22.57  | 23.30   | 23.49                           | 23.48  | 24.21   |
|                                         |           |                 | 18            | 9         | 22.65                           | 22.60  | 23.31   | 23.56                           | 23.51  | 24.22   |
|                                         |           |                 | 36            | 0         | 21.86                           | 21.78  | 22.49   | 22.77                           | 22.69  | 23.40   |
|                                         |           | DFT-s 16QAM     | 1             | 1         | 22.01                           | 21.74  | 22.60   | 22.92                           | 22.65  | 23.51   |
|                                         |           | DFT-s 64QAM     | 1             | 1         | 20.39                           | 20.16  | 20.88   | 21.30                           | 21.07  | 21.79   |
|                                         |           | DFT-s 256QAM    | 1             | 1         | 18.57                           | 18.25  | 19.11   | 19.48                           | 19.16  | 20.02   |
|                                         |           | CP QPSK         | 1             | 1         | 21.72                           | 21.43  | 22.35   | 22.63                           | 22.34  | 23.26   |
|                                         |           | CP 16QAM        | 1             | 1         | 21.12                           | 21.27  | 21.91   | 22.03                           | 22.18  | 22.82   |
|                                         |           | CP 64QAM        | 1             | 1         | 20.09                           | 19.39  | 20.11   | 21.00                           | 20.30  | 21.02   |
|                                         |           | CP 256QAM       | 1             | 1         | 16.43                           | 16.70  | 17.15   | 17.34                           | 17.61  | 18.06   |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR Band n77_Part27: 3700 to 3980 MHz |           |                 |               |           | Conducted Average (dBm)         |        |         | EIRP (dBm)                      |        |         |
|-----------------------------------------|-----------|-----------------|---------------|-----------|---------------------------------|--------|---------|---------------------------------|--------|---------|
| Antenna Gain(dBi)                       |           | 0.91            |               |           | Channel (ARFCH)/ Frequency(MHz) |        |         | Channel (ARFCH)/ Frequency(MHz) |        |         |
| EIRP Limit (W)                          |           | 1               |               |           | Low                             | Mid    | High    | Low                             | Mid    | High    |
| BW (MHz)                                | SCS (kHz) | Modulation      | RB Allocation | RB Offset | 647334                          | 656000 | 664666  | 647334                          | 656000 | 664666  |
|                                         |           |                 |               |           | 3710.01                         | 3840   | 3969.99 | 3710.01                         | 3840   | 3969.99 |
| 20                                      | 30        | DFT-s PI/2 BPSK | 1             | 1         | 22.73                           | 22.67  | 23.20   | 23.64                           | 23.58  | 24.11   |
|                                         |           |                 | 1             | 49        | 22.65                           | 22.49  | 23.05   | 23.56                           | 23.40  | 23.96   |
|                                         |           |                 | 25            | 12        | 22.71                           | 22.63  | 23.16   | 23.62                           | 23.54  | 24.07   |
|                                         |           |                 | 50            | 0         | 22.38                           | 22.33  | 22.78   | 23.29                           | 23.24  | 23.69   |
|                                         |           | DFT-s QPSK      | 1             | 1         | 22.61                           | 22.61  | 23.13   | 23.52                           | 23.52  | 24.04   |
|                                         |           |                 | 1             | 49        | 22.72                           | 22.66  | 23.04   | 23.63                           | 23.57  | 23.95   |
|                                         |           |                 | 25            | 12        | 22.69                           | 22.61  | 23.11   | 23.60                           | 23.52  | 24.02   |
|                                         |           |                 | 50            | 0         | 21.84                           | 21.79  | 22.32   | 22.75                           | 22.70  | 23.23   |
|                                         |           | DFT-s 16QAM     | 1             | 1         | 21.48                           | 21.72  | 22.38   | 22.39                           | 22.63  | 23.29   |
|                                         |           | DFT-s 64QAM     | 1             | 1         | 20.45                           | 20.10  | 20.89   | 21.36                           | 21.01  | 21.80   |
|                                         |           | DFT-s 256QAM    | 1             | 1         | 18.56                           | 18.28  | 18.80   | 19.47                           | 19.19  | 19.71   |
|                                         |           | CP QPSK         | 1             | 1         | 21.35                           | 20.92  | 21.35   | 22.26                           | 21.83  | 22.26   |
|                                         |           | CP 16QAM        | 1             | 1         | 20.83                           | 20.70  | 21.48   | 21.74                           | 21.61  | 22.39   |
|                                         |           | CP 64QAM        | 1             | 1         | 19.46                           | 18.92  | 19.93   | 20.37                           | 19.83  | 20.84   |
|                                         |           | CP 256QAM       | 1             | 1         | 16.01                           | 16.29  | 16.45   | 16.92                           | 17.20  | 17.36   |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

## 2 OCCUPIED BANDWIDTH MEASUREMENT

| 5G NR BAND n2 Channel bandwidth: 10MHz |        |              |         |         |         |         |                |         |         |         |         |
|----------------------------------------|--------|--------------|---------|---------|---------|---------|----------------|---------|---------|---------|---------|
| DFT-S-OFDM_SCS 15 kHz                  |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                         | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                        |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 1855                                   | 371000 | 8.9770       | 8.9725  | 8.9510  | 8.9889  | 9.0022  | 9.8110         | 9.7310  | 9.8150  | 9.7820  | 9.7420  |
| 1880                                   | 376000 | 8.9381       | 8.9507  | 8.9411  | 8.9730  | 8.9402  | 9.6090         | 9.6920  | 9.7730  | 9.8580  | 9.7460  |
| 1905                                   | 381000 | 8.9583       | 8.9709  | 8.9840  | 8.9544  | 9.0099  | 9.8690         | 9.7460  | 9.7530  | 9.7850  | 9.8190  |
| 5G NR BAND n2 Channel bandwidth: 15MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                  |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                         | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                        |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 1857.5                                 | 371500 | 13.4440      | 13.4530 | 13.4430 | 13.4610 | 13.4900 | 14.4400        | 14.4900 | 14.5300 | 14.4300 | 14.5600 |
| 1880                                   | 376000 | 13.4130      | 13.4330 | 13.4430 | 13.4330 | 13.4470 | 14.3800        | 14.3900 | 14.5000 | 14.3600 | 14.3700 |
| 1902.5                                 | 380500 | 13.4250      | 13.4200 | 13.4140 | 13.4170 | 13.3650 | 14.2600        | 14.3600 | 14.2900 | 14.3300 | 14.3400 |
| 5G NR BAND n2 Channel bandwidth: 20MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                  |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                         | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                        |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 1860                                   | 372000 | 17.8750      | 17.9250 | 17.8950 | 17.8800 | 17.8550 | 19.0200        | 19.0000 | 19.0000 | 18.9900 | 19.0000 |
| 1880                                   | 376000 | 17.9120      | 17.9350 | 17.9160 | 17.8400 | 17.9010 | 19.1600        | 19.0400 | 19.1500 | 19.0100 | 19.1100 |
| 1900                                   | 380000 | 17.8190      | 17.8250 | 17.8690 | 17.8570 | 17.8640 | 18.9700        | 19.0200 | 18.9800 | 18.9300 | 19.0500 |
| 5G NR BAND n2 Channel bandwidth: 5MHz  |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                  |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                         | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                        |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 1852.5                                 | 370500 | 4.4764       | 4.4836  | 4.4668  | 4.5045  | 4.4994  | 5.0600         | 5.0690  | 5.0410  | 5.1060  | 5.1640  |
| 1880                                   | 376000 | 4.4935       | 4.4994  | 4.4863  | 4.5215  | 4.5052  | 4.9840         | 5.0770  | 5.1270  | 5.1760  | 5.1750  |
| 1907.5                                 | 381500 | 4.4803       | 4.5029  | 4.4786  | 4.4949  | 4.4896  | 5.1760         | 5.1750  | 5.1480  | 5.2510  | 5.0940  |
| 5G NR BAND n5 Channel bandwidth: 10MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                  |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                         | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                        |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 829                                    | 165800 | 8.9023       | 8.9483  | 8.9256  | 8.8978  | 8.9260  | 9.5520         | 9.7430  | 9.6910  | 9.6700  | 9.7570  |
| 836.5                                  | 167300 | 8.9616       | 8.9798  | 9.0030  | 8.9478  | 8.9624  | 9.7820         | 9.7750  | 9.6590  | 9.7210  | 9.7030  |
| 844                                    | 168800 | 8.9224       | 8.9184  | 8.8986  | 8.9443  | 8.9624  | 9.6160         | 9.6680  | 9.7180  | 9.7120  | 9.7250  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR BAND n5 Channel bandwidth: 15MHz |        |              |         |         |         |         |                |         |         |         |         |
|----------------------------------------|--------|--------------|---------|---------|---------|---------|----------------|---------|---------|---------|---------|
| DFT-S-OFDM_SCS 15 kHz                  |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                         | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                        |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 831.5                                  | 166300 | 13.3680      | 13.3400 | 13.3800 | 13.4290 | 13.3840 | 14.3800        | 14.3000 | 14.3200 | 14.4500 | 14.2000 |
| 836.5                                  | 167300 | 13.4740      | 13.4920 | 13.4720 | 13.4430 | 13.4610 | 14.4500        | 14.4100 | 14.4500 | 14.3100 | 14.3700 |
| 841.5                                  | 168300 | 13.4140      | 13.4260 | 13.3750 | 13.3990 | 13.4280 | 14.4800        | 14.2800 | 14.3400 | 14.3200 | 14.2900 |
| 5G NR BAND n5 Channel bandwidth: 20MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                  |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                         | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                        |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 834                                    | 166800 | 17.8820      | 17.9160 | 17.8870 | 17.8180 | 17.8470 | 18.9700        | 18.9300 | 19.1100 | 19.0700 | 19.0300 |
| 836.5                                  | 167300 | 17.9080      | 17.9060 | 17.9310 | 17.9480 | 17.9340 | 19.0600        | 19.0800 | 19.0500 | 19.0600 | 18.9800 |
| 839                                    | 167800 | 17.9250      | 17.9530 | 17.9010 | 17.9730 | 17.9190 | 19.0300        | 19.1100 | 19.0900 | 19.0000 | 18.9600 |
| 5G NR BAND n5 Channel bandwidth: 5MHz  |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                  |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                         | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                        |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 826.5                                  | 165300 | 4.4918       | 4.4845  | 4.4743  | 4.5232  | 4.4908  | 5.2060         | 5.0620  | 5.1470  | 5.1930  | 5.0640  |
| 836.5                                  | 167300 | 4.5111       | 4.4983  | 4.4995  | 4.5106  | 4.5091  | 5.1780         | 5.0750  | 5.1990  | 5.1460  | 5.1650  |
| 846.5                                  | 169300 | 4.4626       | 4.4629  | 4.4641  | 4.4839  | 4.4856  | 5.1260         | 5.0670  | 5.0110  | 5.0770  | 5.0460  |
| 5G NR BAND n7 Channel bandwidth: 10MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                  |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                         | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                        |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 2505                                   | 501000 | 8.9433       | 8.9889  | 8.9509  | 8.9652  | 8.9538  | 9.7830         | 9.8110  | 9.8080  | 9.8010  | 9.7860  |
| 2535                                   | 507000 | 8.9538       | 8.9955  | 8.9923  | 8.9579  | 8.9700  | 9.6620         | 9.8440  | 9.8980  | 9.7760  | 9.8220  |
| 2565                                   | 513000 | 8.9428       | 8.9636  | 9.0006  | 8.9401  | 8.9626  | 9.8260         | 9.7530  | 9.7730  | 9.7700  | 9.8280  |
| 5G NR BAND n7 Channel bandwidth: 15MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                  |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                         | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                        |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 2507.5                                 | 501500 | 13.4480      | 13.4810 | 13.4450 | 13.4200 | 13.4320 | 14.4600        | 14.4800 | 14.4000 | 14.4300 | 14.4400 |
| 2535                                   | 507000 | 13.4120      | 13.4590 | 13.3880 | 13.4090 | 13.4380 | 14.3300        | 14.4800 | 14.4400 | 14.3700 | 14.2900 |
| 2562.5                                 | 512500 | 13.4430      | 13.4340 | 13.3950 | 13.4210 | 13.4190 | 14.3500        | 14.4500 | 14.4800 | 14.2500 | 14.1700 |
| 5G NR BAND n7 Channel bandwidth: 20MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                  |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                         | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                        |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 2510                                   | 502000 | 17.8470      | 17.8720 | 17.9130 | 17.8970 | 17.8940 | 19.0200        | 19.1600 | 19.0300 | 18.8900 | 19.0400 |
| 2535                                   | 507000 | 17.9120      | 17.9220 | 17.8650 | 17.9650 | 17.8930 | 19.1400        | 18.9900 | 18.9900 | 19.0800 | 18.9600 |
| 2560                                   | 512000 | 17.8780      | 17.9290 | 17.9100 | 17.9070 | 17.9210 | 19.0700        | 19.1900 | 19.0800 | 19.0800 | 19.0100 |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR BAND n7 Channel bandwidth: 5MHz   |        |              |         |         |         |         |                |         |         |         |         |
|-----------------------------------------|--------|--------------|---------|---------|---------|---------|----------------|---------|---------|---------|---------|
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 2502.5                                  | 500500 | 4.5074       | 4.5193  | 4.4741  | 4.4788  | 4.4810  | 5.0600         | 5.1950  | 4.8830  | 5.0900  | 5.0290  |
| 2535                                    | 507000 | 4.5108       | 4.5037  | 4.4838  | 4.4875  | 4.5030  | 5.0320         | 5.0520  | 5.0950  | 5.1100  | 5.0840  |
| 2567.5                                  | 513500 | 4.4978       | 4.4880  | 4.4784  | 4.5043  | 4.5071  | 5.1790         | 5.1120  | 5.0440  | 5.1550  | 5.1400  |
| 5G NR BAND n12 Channel bandwidth: 10MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 704                                     | 140800 | 8.9184       | 8.9370  | 8.9482  | 8.9241  | 8.9304  | 9.5880         | 9.5870  | 9.7870  | 9.7340  | 9.7280  |
| 707.5                                   | 141500 | 8.9799       | 8.9723  | 9.0064  | 8.9545  | 8.9863  | 9.8050         | 9.7900  | 9.6730  | 9.7890  | 9.8910  |
| 711                                     | 142200 | 8.9943       | 8.9881  | 8.9774  | 8.9940  | 9.0173  | 9.8470         | 9.8030  | 9.8550  | 9.7510  | 9.7820  |
| 5G NR BAND n12 Channel bandwidth: 15MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 706.5                                   | 141300 | 13.4220      | 13.4550 | 13.3890 | 13.4070 | 13.4360 | 14.3700        | 14.4100 | 14.3800 | 14.3200 | 14.2600 |
| 707.5                                   | 141500 | 13.4780      | 13.4670 | 13.4340 | 13.4490 | 13.4540 | 14.3800        | 14.4400 | 14.5100 | 14.2500 | 14.2400 |
| 708.5                                   | 141700 | 13.4900      | 13.4880 | 13.4830 | 13.5070 | 13.5230 | 14.5100        | 14.5500 | 14.5300 | 14.4900 | 14.4800 |
| 5G NR BAND n12 Channel bandwidth: 5MHz  |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 701.5                                   | 140300 | 4.4992       | 4.4913  | 4.4630  | 4.4852  | 4.4903  | 5.0230         | 4.9610  | 5.0210  | 5.1870  | 4.9900  |
| 707.5                                   | 141500 | 4.5151       | 4.4958  | 4.4699  | 4.5099  | 4.5106  | 5.1210         | 5.1720  | 4.9110  | 5.1630  | 5.2190  |
| 713.5                                   | 142700 | 4.4947       | 4.4902  | 4.4775  | 4.5251  | 4.4941  | 5.2180         | 5.0960  | 5.1440  | 5.2020  | 5.1110  |
| 5G NR BAND n13 Channel bandwidth: 10MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 782                                     | 156400 | 8.9256       | 8.9236  | 8.9612  | 8.8933  | 8.9199  | 9.7610         | 9.6490  | 9.6400  | 9.6350  | 9.6930  |
| 5G NR BAND n13 Channel bandwidth: 5MHz  |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 779.5                                   | 155900 | 4.4766       | 4.4950  | 4.4944  | 4.4945  | 4.4978  | 5.0360         | 5.1200  | 5.0900  | 5.0550  | 5.2040  |
| 782                                     | 156400 | 4.4990       | 4.4967  | 4.4627  | 4.4683  | 4.4689  | 5.1100         | 5.0950  | 4.9240  | 5.0430  | 5.0220  |
| 784.5                                   | 156900 | 4.5025       | 4.5121  | 4.4734  | 4.4909  | 4.5135  | 5.0930         | 5.1720  | 4.9840  | 5.1200  | 5.1710  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR BAND n14 Channel bandwidth: 10MHz |        |              |         |         |         |         |                |         |         |         |         |
|-----------------------------------------|--------|--------------|---------|---------|---------|---------|----------------|---------|---------|---------|---------|
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 793                                     | 158600 | 8.9268       | 8.9728  | 8.9472  | 8.9505  | 8.9441  | 9.6590         | 9.6890  | 9.7860  | 9.7740  | 9.7050  |
| 5G NR BAND n14 Channel bandwidth: 5MHz  |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 790.5                                   | 158100 | 4.5065       | 4.5079  | 4.4615  | 4.4680  | 4.4704  | 5.0460         | 5.1530  | 5.0640  | 5.0050  | 4.9840  |
| 793                                     | 158600 | 4.5067       | 4.5048  | 4.4792  | 4.4869  | 4.4935  | 5.0260         | 5.1020  | 5.0430  | 5.0760  | 5.0090  |
| 795.5                                   | 189100 | 4.4824       | 4.4935  | 4.4729  | 4.5072  | 4.5126  | 5.0300         | 5.1860  | 4.9620  | 5.1010  | 5.2250  |
| 5G NR BAND n25 Channel bandwidth: 10MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 1855                                    | 371000 | 8.9598       | 8.9674  | 8.9972  | 8.9544  | 8.9704  | 9.7930         | 9.8200  | 9.9380  | 9.7550  | 9.8340  |
| 1882.5                                  | 376500 | 8.9496       | 8.9564  | 8.9965  | 8.9377  | 8.9806  | 9.7840         | 9.6820  | 9.7270  | 9.7760  | 9.8640  |
| 1910                                    | 382000 | 8.9817       | 8.9577  | 8.9492  | 8.9895  | 8.9962  | 9.8160         | 9.8300  | 9.7960  | 9.7080  | 9.6200  |
| 5G NR BAND n25 Channel bandwidth: 15MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 1857.5                                  | 371500 | 13.4270      | 13.4530 | 13.3880 | 13.4150 | 13.4550 | 14.4100        | 14.3300 | 14.3300 | 14.4000 | 14.3200 |
| 1882.5                                  | 376500 | 13.4530      | 13.4290 | 13.4330 | 13.4290 | 13.4350 | 14.4000        | 14.4500 | 14.4800 | 14.3200 | 14.3100 |
| 1907.5                                  | 381500 | 13.4240      | 13.4180 | 13.4340 | 13.4380 | 13.4770 | 14.4400        | 14.3800 | 14.4600 | 14.3900 | 14.5000 |
| 5G NR BAND n25 Channel bandwidth: 20MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 1860                                    | 372000 | 17.9050      | 17.9190 | 17.8450 | 17.9590 | 17.8930 | 19.1200        | 19.0000 | 18.9300 | 19.0400 | 18.9600 |
| 1882.5                                  | 376500 | 17.8920      | 17.9220 | 17.9520 | 17.8920 | 17.9330 | 19.0800        | 19.1600 | 19.0700 | 19.0600 | 19.0200 |
| 1905                                    | 381000 | 17.8580      | 17.8920 | 17.8470 | 17.8940 | 17.8820 | 18.9800        | 18.9900 | 19.0500 | 19.0900 | 19.0300 |
| 5G NR BAND n25 Channel bandwidth: 5MHz  |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 1852.5                                  | 370500 | 4.5070       | 4.5079  | 4.4810  | 4.4876  | 4.4976  | 5.0420         | 5.1050  | 5.0480  | 5.0940  | 4.9930  |
| 1882.5                                  | 376500 | 4.5173       | 4.4974  | 4.4939  | 4.5162  | 4.4961  | 5.1590         | 5.2090  | 5.1580  | 5.1680  | 5.0730  |
| 1912.5                                  | 382500 | 4.4917       | 4.4911  | 4.4802  | 4.5111  | 4.5016  | 5.1610         | 5.0420  | 5.1120  | 5.0860  | 5.1940  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR BAND n26 Channel bandwidth: 10MHz         |        |              |         |         |         |         |                |         |         |         |         |
|-------------------------------------------------|--------|--------------|---------|---------|---------|---------|----------------|---------|---------|---------|---------|
| DFT-S-OFDM_SCS 15 kHz                           |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                                  | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                                 |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 829                                             | 165800 | 8.9381       | 8.9314  | 8.9083  | 8.9477  | 8.9602  | 9.7370         | 9.7000  | 9.6830  | 9.6230  | 9.6130  |
| 836.5                                           | 167300 | 8.9510       | 8.9820  | 8.9737  | 8.9969  | 8.9496  | 9.6570         | 9.8270  | 9.8270  | 9.9250  | 9.8090  |
| 844                                             | 168800 | 8.9068       | 8.9331  | 8.9409  | 8.9244  | 8.9662  | 9.7340         | 9.7100  | 9.6440  | 9.6830  | 9.6640  |
| 5G NR BAND n26 Channel bandwidth: 15MHz         |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                           |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                                  | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                                 |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 831.5                                           | 166300 | 13.3710      | 13.3530 | 13.3110 | 13.3600 | 13.3630 | 14.3300        | 14.3700 | 14.3600 | 14.2900 | 14.2000 |
| 836.5                                           | 167300 | 13.4710      | 13.4580 | 13.4810 | 13.4860 | 13.5040 | 14.4300        | 14.4000 | 14.4900 | 14.4800 | 14.3800 |
| 841.5                                           | 168300 | 13.3880      | 13.4230 | 13.4430 | 13.4250 | 13.4870 | 14.2700        | 14.4000 | 14.4600 | 14.4200 | 14.3900 |
| 5G NR BAND n26 Channel bandwidth: 20MHz         |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                           |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                                  | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                                 |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 834                                             | 166800 | 17.8590      | 17.9260 | 17.8950 | 17.8120 | 17.8600 | 19.0300        | 18.9800 | 19.1200 | 19.0800 | 19.0300 |
| 836.5                                           | 167300 | 17.9140      | 17.9130 | 17.9320 | 17.9470 | 17.9350 | 19.0700        | 19.1200 | 19.0600 | 19.0600 | 18.9800 |
| 839                                             | 167800 | 17.9320      | 17.9480 | 17.8940 | 17.9780 | 17.9160 | 18.9300        | 19.1000 | 19.0700 | 19.0300 | 18.9700 |
| 5G NR BAND n26 Channel bandwidth: 5MHz          |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                           |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                                  | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                                 |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 826.5                                           | 165300 | 4.5101       | 4.4985  | 4.4877  | 4.5226  | 4.4896  | 5.1650         | 4.9740  | 5.0840  | 5.1950  | 5.0680  |
| 836.5                                           | 167300 | 4.4812       | 4.4808  | 4.4763  | 4.4864  | 4.4936  | 5.1150         | 5.1240  | 4.9440  | 5.1300  | 5.0540  |
| 846.5                                           | 169300 | 4.4754       | 4.4661  | 4.4836  | 4.4862  | 4.5004  | 5.0890         | 5.0280  | 5.0820  | 5.0600  | 5.0180  |
| 5G NR BAND n26 Part90s Channel bandwidth: 5MHz  |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                           |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                                  | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                                 |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 816.5                                           | 163300 | 4.4781       | 4.4892  | 4.4688  | 4.5089  | 4.4981  | 5.0430         | 5.0150  | 5.0850  | 5.0650  | 5.2050  |
| 819                                             | 163800 | 4.5227       | 4.5076  | 4.4898  | 4.5360  | 4.5012  | 5.1660         | 5.0780  | 5.1360  | 5.1750  | 5.1000  |
| 821.5                                           | 164300 | 4.4911       | 4.4742  | 4.4959  | 4.4926  | 4.4957  | 5.1360         | 4.9960  | 5.1060  | 5.1820  | 5.1260  |
| 5G NR BAND n26 Part90s Channel bandwidth: 10MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                           |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                                  | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                                 |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
|                                                 |        |              |         |         |         |         |                |         |         |         |         |
| 819                                             | 163800 | 8.9640       | 9.0001  | 8.9688  | 8.9907  | 8.9704  | 9.7540         | 9.8580  | 9.7920  | 9.8680  | 9.6760  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR BAND n30 Channel bandwidth: 10MHz |        |              |         |         |         |         |                |         |         |         |         |
|-----------------------------------------|--------|--------------|---------|---------|---------|---------|----------------|---------|---------|---------|---------|
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 2310                                    | 462000 | 8.9508       | 8.9542  | 8.9822  | 8.9447  | 8.9699  | 9.7610         | 9.6540  | 9.8040  | 9.7470  | 9.7790  |
| 5G NR BAND n30 Channel bandwidth: 5MHz  |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 2307.5                                  | 461500 | 4.5069       | 4.4830  | 4.4773  | 4.4978  | 4.4872  | 5.2280         | 5.0770  | 5.0320  | 5.1110  | 5.0360  |
| 2310                                    | 462000 | 4.4998       | 4.4856  | 4.4909  | 4.5123  | 4.4886  | 5.2390         | 5.1100  | 5.1550  | 5.1950  | 5.1260  |
| 2312.5                                  | 462500 | 4.5129       | 4.4943  | 4.5005  | 4.5122  | 4.4947  | 5.1870         | 4.9980  | 5.1150  | 5.1590  | 5.1540  |
| 5G NR BAND n38 Channel bandwidth: 10MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 30 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 2575                                    | 515000 | 8.6405       | 8.5957  | 8.6452  | 8.6314  | 8.5866  | 9.5790         | 9.5450  | 9.7160  | 9.6830  | 9.8200  |
| 2595                                    | 519000 | 8.5979       | 8.6355  | 8.6221  | 8.6097  | 8.6274  | 9.4160         | 9.5830  | 9.6270  | 9.8140  | 9.8340  |
| 2615                                    | 523000 | 8.5898       | 8.6113  | 8.6237  | 8.6072  | 8.6219  | 9.6800         | 9.7650  | 9.8920  | 9.6500  | 9.7560  |
| 5G NR BAND n38 Channel bandwidth: 15MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 30 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 2577.5                                  | 515500 | 12.8480      | 12.9390 | 12.9510 | 12.9070 | 12.9200 | 14.1400        | 14.5400 | 14.5400 | 14.1400 | 14.3700 |
| 2595                                    | 519000 | 12.9330      | 12.9050 | 12.9050 | 12.9600 | 12.9320 | 14.4000        | 14.1600 | 14.2700 | 14.3900 | 14.3600 |
| 2612.5                                  | 522500 | 12.9470      | 12.9510 | 12.9080 | 12.9290 | 12.8880 | 14.4500        | 14.3400 | 14.1600 | 14.1600 | 14.0900 |
| 5G NR BAND n38 Channel bandwidth: 20MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 30 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 2580                                    | 516000 | 17.8880      | 17.8770 | 17.9670 | 17.8790 | 17.9030 | 19.3200        | 19.2500 | 19.5300 | 19.2800 | 19.5900 |
| 2595                                    | 519000 | 17.9400      | 17.9180 | 17.8710 | 17.9320 | 17.9670 | 19.4400        | 19.5600 | 19.4800 | 19.4400 | 19.2300 |
| 2610                                    | 522000 | 17.8820      | 17.8860 | 17.8920 | 17.9340 | 17.8630 | 19.4200        | 19.4900 | 19.6600 | 19.7200 | 19.5700 |
| 5G NR BAND n41 Channel bandwidth: 10MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 30 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 2501.01                                 | 500202 | 8.5944       | 8.6483  | 8.6023  | 8.6104  | 8.6140  | 9.7980         | 9.9350  | 9.8710  | 9.9020  | 9.7280  |
| 2505                                    | 501000 | 8.5858       | 8.6303  | 8.6049  | 8.6075  | 8.7379  | 9.4880         | 9.8170  | 9.5520  | 9.7610  | 10.0200 |
| 2593.02                                 | 518604 | 8.5905       | 8.6204  | 8.6495  | 8.6155  | 8.5688  | 9.5290         | 9.9460  | 9.7230  | 9.7660  | 9.5930  |
| 2685                                    | 537000 | 8.6181       | 8.6171  | 8.6489  | 8.6259  | 8.5888  | 9.6840         | 9.7780  | 9.8100  | 9.7250  | 9.6240  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

## 5G NR BAND n41 Channel bandwidth: 15MHz

## DFT-S-OFDM\_SCS 30 kHz

| Freq.<br>(MHz) | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|----------------|--------|--------------|---------|---------|---------|---------|----------------|---------|---------|---------|---------|
|                |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 2503.5         | 500700 | 12.9330      | 12.9690 | 12.9180 | 12.8990 | 12.9330 | 13.9500        | 14.6200 | 14.1800 | 14.1500 | 14.3800 |
| 2507.52        | 501504 | 12.9420      | 12.9170 | 12.9300 | 12.9370 | 12.8970 | 14.1100        | 14.4300 | 14.3900 | 14.3200 | 14.2800 |
| 2593.02        | 518604 | 12.8790      | 12.9260 | 12.9470 | 12.9040 | 12.9260 | 14.4400        | 14.3500 | 14.2400 | 14.3700 | 14.3700 |
| 2682.48        | 536496 | 12.9440      | 12.9590 | 12.9190 | 12.9240 | 12.9550 | 14.4400        | 14.6600 | 14.4000 | 14.4000 | 14.4800 |

## 5G NR BAND n41 Channel bandwidth: 20MHz

## DFT-S-OFDM\_SCS 30 kHz

| Freq.<br>(MHz) | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|----------------|--------|--------------|---------|---------|---------|---------|----------------|---------|---------|---------|---------|
|                |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 2506.02        | 501204 | 17.8370      | 17.9340 | 17.9050 | 17.9440 | 17.8620 | 19.2200        | 19.5700 | 19.3800 | 19.6300 | 19.5900 |
| 2510.01        | 502002 | 17.9200      | 17.9790 | 17.9360 | 17.9390 | 17.9380 | 19.5000        | 19.7700 | 19.3900 | 19.4500 | 19.6000 |
| 2593.02        | 518604 | 17.9070      | 17.9180 | 17.8520 | 17.8650 | 17.9080 | 19.4800        | 19.6400 | 19.1600 | 19.5300 | 19.5400 |
| 2679.99        | 535998 | 17.9380      | 17.9040 | 17.8950 | 17.8470 | 17.9330 | 19.5500        | 19.5700 | 19.2600 | 19.3600 | 19.6200 |

## 5G NR BAND n53 Channel bandwidth: 10MHz

## DFT-S-OFDM\_SCS 30 kHz

| Freq.<br>(MHz) | CH     | 99% BW (MHz) |        |        |        |        | 26 dB BW (MHz) |        |        |        |        |
|----------------|--------|--------------|--------|--------|--------|--------|----------------|--------|--------|--------|--------|
|                |        | BPSK         | QPSK   | 16QAM  | 64QAM  | 256QAM | BPSK           | QPSK   | 16QAM  | 64QAM  | 256QAM |
| 2488.5         | 497700 | 8.5671       | 8.5883 | 8.6135 | 8.5965 | 8.6146 | 9.8020         | 9.5920 | 9.8570 | 9.6530 | 9.5960 |
| 2489           | 497800 | 8.5793       | 8.6151 | 8.5846 | 8.6167 | 8.6040 | 9.4800         | 9.8100 | 9.8740 | 9.8980 | 9.9390 |
| 2490           | 498000 | 8.6558       | 8.6010 | 8.6275 | 8.6426 | 8.6116 | 9.6330         | 9.7840 | 9.7290 | 9.8080 | 9.7680 |

## 5G NR BAND n66 Channel bandwidth: 10MHz

## DFT-S-OFDM\_SCS 15 kHz

| Freq.<br>(MHz) | CH     | 99% BW (MHz) |        |        |        |        | 26 dB BW (MHz) |        |        |        |        |
|----------------|--------|--------------|--------|--------|--------|--------|----------------|--------|--------|--------|--------|
|                |        | BPSK         | QPSK   | 16QAM  | 64QAM  | 256QAM | BPSK           | QPSK   | 16QAM  | 64QAM  | 256QAM |
| 1715           | 343000 | 8.9569       | 8.9790 | 8.9626 | 8.9896 | 8.9968 | 9.7310         | 9.8650 | 9.7360 | 9.7940 | 9.8930 |
| 1745           | 349000 | 8.9408       | 8.9835 | 8.9530 | 8.9563 | 8.9535 | 9.7170         | 9.7600 | 9.8030 | 9.8010 | 9.7730 |
| 1775           | 355000 | 8.9476       | 8.9972 | 8.9797 | 8.9528 | 8.9734 | 9.6170         | 9.8120 | 9.8570 | 9.7450 | 9.8410 |

## 5G NR BAND n66 Channel bandwidth: 15MHz

## DFT-S-OFDM\_SCS 15 kHz

| Freq.<br>(MHz) | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|----------------|--------|--------------|---------|---------|---------|---------|----------------|---------|---------|---------|---------|
|                |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 1717.5         | 343500 | 13.4160      | 13.4270 | 13.4480 | 13.5070 | 13.4650 | 14.3900        | 14.4200 | 14.4700 | 14.5500 | 14.4200 |
| 1745           | 349000 | 13.4350      | 13.4550 | 13.4370 | 13.4190 | 13.4270 | 14.3700        | 14.3900 | 14.3400 | 14.3400 | 14.3400 |
| 1772.5         | 354500 | 13.4150      | 13.4670 | 13.3780 | 13.4040 | 13.4330 | 14.3700        | 14.3800 | 14.3500 | 14.3600 | 14.3400 |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR BAND n66 Channel bandwidth: 20MHz |        |              |         |         |         |         |                |         |         |         |         |
|-----------------------------------------|--------|--------------|---------|---------|---------|---------|----------------|---------|---------|---------|---------|
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 1720                                    | 344000 | 17.9090      | 17.9620 | 17.9150 | 17.8520 | 17.8860 | 19.2000        | 19.1400 | 19.1000 | 19.0300 | 19.0500 |
| 1745                                    | 349000 | 17.8610      | 17.8540 | 17.9060 | 17.8770 | 17.9060 | 19.0300        | 19.0800 | 19.0200 | 18.8600 | 19.0800 |
| 1770                                    | 354000 | 17.9030      | 17.9130 | 17.8500 | 17.9550 | 17.8790 | 19.1200        | 18.9900 | 19.0100 | 19.0400 | 18.9500 |
| 5G NR BAND n66 Channel bandwidth: 5MHz  |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 1712.5                                  | 342500 | 4.4731       | 4.5041  | 4.4900  | 4.5050  | 4.4835  | 5.0640         | 5.0010  | 5.0430  | 5.1500  | 5.1000  |
| 1745                                    | 349000 | 4.5110       | 4.5115  | 4.4772  | 4.4968  | 4.4866  | 5.1450         | 5.1390  | 4.9970  | 5.1070  | 5.0630  |
| 1777.5                                  | 355500 | 4.5063       | 4.5070  | 4.4715  | 4.4850  | 4.4955  | 5.1050         | 5.1260  | 5.0150  | 5.0690  | 5.0290  |
| 5G NR BAND n70 Channel bandwidth: 10MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 1700                                    | 340000 | 8.9785       | 8.9876  | 8.9580  | 8.9956  | 8.9628  | 9.7680         | 9.8040  | 9.7570  | 9.8860  | 9.6670  |
| 1702.5                                  | 340500 | 8.9453       | 8.9672  | 8.9822  | 8.9589  | 8.9749  | 9.5940         | 9.6570  | 9.8010  | 9.8060  | 9.7540  |
| 1705                                    | 341000 | 8.9680       | 8.9620  | 9.0039  | 8.9358  | 8.9574  | 9.7470         | 9.7330  | 9.7390  | 9.6820  | 9.7110  |
| 5G NR BAND n70 Channel bandwidth: 15MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 1702.5                                  | 340500 | 13.4590      | 13.4960 | 13.4540 | 13.4420 | 13.4580 | 14.4700        | 14.5200 | 14.4100 | 14.4700 | 14.4200 |
|                                         |        |              |         |         |         |         |                |         |         |         |         |
| 5G NR BAND n70 Channel bandwidth: 5MHz  |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 1697.5                                  | 339500 | 4.4816       | 4.4866  | 4.4700  | 4.5020  | 4.5022  | 5.1080         | 4.9810  | 5.0770  | 5.1540  | 5.2040  |
| 1702.5                                  | 340500 | 4.5262       | 4.4960  | 4.5061  | 4.5058  | 4.5105  | 5.2020         | 5.0950  | 5.2170  | 5.2120  | 5.2600  |
| 1707.5                                  | 341500 | 4.4754       | 4.4795  | 4.4728  | 4.5025  | 4.4952  | 5.1700         | 5.1130  | 5.0220  | 5.2050  | 5.0900  |
| 5G NR BAND n71 Channel bandwidth: 10MHz |        |              |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 15 kHz                   |        |              |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                          | CH     | 99% BW (MHz) |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                         |        | BPSK         | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 668                                     | 133600 | 8.8867       | 8.9390  | 8.8963  | 8.9313  | 8.8920  | 9.6160         | 9.6470  | 9.7030  | 9.6670  | 9.6290  |
| 680.5                                   | 136100 | 8.9383       | 8.9697  | 8.9848  | 8.9406  | 8.9635  | 9.7200         | 9.6210  | 9.8700  | 9.7040  | 9.7570  |
| 693                                     | 138600 | 8.9300       | 8.9557  | 8.9899  | 8.9303  | 8.9559  | 9.7550         | 9.7130  | 9.7560  | 9.7430  | 9.7760  |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR BAND n71 Channel bandwidth: 15MHz                          |        |                |                |                |                |                |                |                |                |                |                |
|------------------------------------------------------------------|--------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| DFT-S-OFDM_SCS 15 kHz                                            |        |                |                |                |                |                |                |                |                |                |                |
| Freq.<br>(MHz)                                                   | CH     | 99% BW (MHz)   |                |                |                |                | 26 dB BW (MHz) |                |                |                |                |
|                                                                  |        | BPSK           | QPSK           | 16QAM          | 64QAM          | 256QAM         | BPSK           | QPSK           | 16QAM          | 64QAM          | 256QAM         |
| 670.5                                                            | 134100 | 13.3520        | 13.3490        | 13.3480        | 13.3230        | 13.3530        | 14.2500        | 14.2200        | 14.2100        | 14.2200        | 14.2300        |
| 680.5                                                            | 136100 | <b>13.4380</b> | <b>13.4440</b> | <b>13.3870</b> | <b>13.4220</b> | <b>13.4540</b> | <b>14.4900</b> | 14.3500        | 14.3200        | <b>14.3900</b> | <b>14.2900</b> |
| 690.5                                                            | 138100 | 13.3940        | 13.3810        | 13.3460        | 13.3750        | 13.3880        | 14.2700        | <b>14.3800</b> | <b>14.3700</b> | 14.2300        | 14.1700        |
| 5G NR BAND n71 Channel bandwidth: 20MHz                          |        |                |                |                |                |                |                |                |                |                |                |
| DFT-S-OFDM_SCS 15 kHz                                            |        |                |                |                |                |                |                |                |                |                |                |
| Freq.<br>(MHz)                                                   | CH     | 99% BW (MHz)   |                |                |                |                | 26 dB BW (MHz) |                |                |                |                |
|                                                                  |        | BPSK           | QPSK           | 16QAM          | 64QAM          | 256QAM         | BPSK           | QPSK           | 16QAM          | 64QAM          | 256QAM         |
| 673                                                              | 134600 | 17.7690        | 17.7960        | 17.8400        | 17.8290        | 17.8270        | 18.9700        | 18.9300        | 18.9300        | 18.8900        | 18.8900        |
| 680.5                                                            | 136100 | <b>17.9170</b> | <b>17.9500</b> | <b>17.8780</b> | <b>17.9630</b> | <b>17.9170</b> | <b>19.1000</b> | <b>19.0100</b> | <b>19.0100</b> | 18.9100        | <b>18.9800</b> |
| 688                                                              | 137600 | 17.7610        | 17.8160        | 17.8470        | 17.8000        | 17.8200        | 18.9100        | <b>19.0100</b> | <b>19.0100</b> | <b>18.9900</b> | 18.8800        |
| 5G NR BAND n71 Channel bandwidth: 5MHz                           |        |                |                |                |                |                |                |                |                |                |                |
| DFT-S-OFDM_SCS 15 kHz                                            |        |                |                |                |                |                |                |                |                |                |                |
| Freq.<br>(MHz)                                                   | CH     | 99% BW (MHz)   |                |                |                |                | 26 dB BW (MHz) |                |                |                |                |
|                                                                  |        | BPSK           | QPSK           | 16QAM          | 64QAM          | 256QAM         | BPSK           | QPSK           | 16QAM          | 64QAM          | 256QAM         |
| 665.5                                                            | 133100 | <b>4.5152</b>  | 4.5021         | 4.4773         | 4.4910         | 4.4827         | 5.1010         | 5.0720         | 4.9820         | 5.0090         | 4.9410         |
| 680.5                                                            | 136100 | 4.5037         | <b>4.5052</b>  | <b>4.4807</b>  | 4.4931         | 4.4986         | 5.0380         | 5.0540         | <b>5.0330</b>  | 5.0950         | 5.0420         |
| 695.5                                                            | 139100 | 4.4987         | 4.4876         | 4.4766         | <b>4.5033</b>  | <b>4.5064</b>  | <b>5.1620</b>  | <b>5.0930</b>  | 5.0010         | <b>5.1770</b>  | <b>5.1660</b>  |
| 5G NR BAND n77_Part27 Channel bandwidth: 10MHz(3450 to 3550 MHz) |        |                |                |                |                |                |                |                |                |                |                |
| DFT-S-OFDM_SCS 30 kHz                                            |        |                |                |                |                |                |                |                |                |                |                |
| Freq.<br>(MHz)                                                   | CH     | 99% BW (MHz)   |                |                |                |                | 26 dB BW (MHz) |                |                |                |                |
|                                                                  |        | BPSK           | QPSK           | 16QAM          | 64QAM          | 256QAM         | BPSK           | QPSK           | 16QAM          | 64QAM          | 256QAM         |
| 3455.01                                                          | 630334 | 8.585          | <b>8.6498</b>  | 8.6467         | 8.5874         | 8.6189         | 9.598          | 9.816          | 9.512          | 9.936          | 9.651          |
| 3500.01                                                          | 633334 | 8.5634         | 8.6241         | <b>8.6762</b>  | <b>8.623</b>   | <b>8.6322</b>  | 9.661          | <b>9.897</b>   | <b>10.08</b>   | <b>9.996</b>   | <b>9.828</b>   |
| 3544.98                                                          | 636332 | <b>8.6078</b>  | 8.6173         | 8.597          | 8.6216         | 8.5944         | <b>9.692</b>   | 9.74           | 9.779          | 9.827          | 9.815          |
| 5G NR BAND n77_Part27 Channel bandwidth: 15MHz(3450 to 3550 MHz) |        |                |                |                |                |                |                |                |                |                |                |
| DFT-S-OFDM_SCS 30 kHz                                            |        |                |                |                |                |                |                |                |                |                |                |
| Freq.<br>(MHz)                                                   | CH     | 99% BW (MHz)   |                |                |                |                | 26 dB BW (MHz) |                |                |                |                |
|                                                                  |        | BPSK           | QPSK           | 16QAM          | 64QAM          | 256QAM         | BPSK           | QPSK           | 16QAM          | 64QAM          | 256QAM         |
| 3457.5                                                           | 630500 | 12.897         | 12.928         | 12.92          | <b>12.911</b>  | 12.876         | <b>14.32</b>   | <b>14.42</b>   | 14.3           | 14.34          | <b>14.41</b>   |
| 3500.01                                                          | 633334 | <b>12.936</b>  | <b>12.938</b>  | 12.911         | 12.91          | <b>12.932</b>  | 14.22          | 14.19          | <b>14.38</b>   | 14.28          | 14.34          |
| 3542.49                                                          | 636166 | 12.868         | 12.885         | <b>12.921</b>  | 12.87          | 12.918         | 14.19          | 14.25          | 14.29          | <b>14.41</b>   | 14.2           |
| 5G NR BAND n77_Part27 Channel bandwidth: 20MHz(3450 to 3550 MHz) |        |                |                |                |                |                |                |                |                |                |                |
| DFT-S-OFDM_SCS 30 kHz                                            |        |                |                |                |                |                |                |                |                |                |                |
| Freq.<br>(MHz)                                                   | CH     | 99% BW (MHz)   |                |                |                |                | 26 dB BW (MHz) |                |                |                |                |
|                                                                  |        | BPSK           | QPSK           | 16QAM          | 64QAM          | 256QAM         | BPSK           | QPSK           | 16QAM          | 64QAM          | 256QAM         |
| 3460.02                                                          | 630668 | 17.825         | 17.936         | 17.858         | <b>17.906</b>  | <b>17.86</b>   | 19.13          | 19.37          | 19.48          | <b>19.64</b>   | 19.41          |
| 3500.01                                                          | 633334 | <b>17.932</b>  | 17.938         | <b>17.958</b>  | 17.892         | 17.856         | <b>19.62</b>   | 19.45          | 19.4           | 19.36          | 19.43          |
| 3540                                                             | 636000 | 17.897         | <b>17.944</b>  | 17.9           | 17.854         | 17.855         | 19.38          | <b>19.67</b>   | <b>19.61</b>   | 19.38          | <b>19.46</b>   |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

| 5G NR BAND n77_Part27 Channel bandwidth: 10MHz(3700 to 3980 MHz) |        |               |         |         |         |         |                |         |         |         |         |
|------------------------------------------------------------------|--------|---------------|---------|---------|---------|---------|----------------|---------|---------|---------|---------|
| DFT-S-OFDM_SCS 30 kHz                                            |        |               |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                                                   | CH     | 99% BW (MHz)  |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                                                  |        | BPSK          | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 3705                                                             | 647000 | 8.6476        | 8.5105  | 8.6669  | 8.6163  | 8.5983  | 9.5020         | 9.6620  | 9.4000  | 9.0810  | 9.3800  |
| 3840                                                             | 656000 | 8.5301        | 8.5532  | 8.6193  | 8.5672  | 8.5250  | 9.1850         | 9.4750  | 9.3710  | 9.5310  | 9.6150  |
| 3975                                                             | 665000 | 8.6009        | 8.5283  | 8.6392  | 8.6073  | 8.6402  | 9.5890         | 9.1420  | 9.1970  | 9.6180  | 9.6310  |
| 5G NR BAND n77_Part27 Channel bandwidth: 15MHz(3700 to 3980 MHz) |        |               |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 30 kHz                                            |        |               |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                                                   | CH     | 99% BW (MHz)  |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                                                  |        | BPSK          | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 3707.52                                                          | 647168 | 12.8250       | 12.8220 | 12.7960 | 12.9430 | 12.9530 | 13.3600        | 13.6500 | 14.0400 | 13.5200 | 13.9200 |
| 3840                                                             | 656000 | 12.8970       | 12.7800 | 12.8800 | 12.8560 | 12.9210 | 13.9500        | 13.7100 | 13.5900 | 13.7200 | 13.6400 |
| 3972.48                                                          | 664832 | 12.9390       | 12.9990 | 12.9160 | 12.8880 | 12.8890 | 13.7600        | 13.7700 | 13.7600 | 13.7000 | 14.0400 |
| 5G NR BAND n77_Part27 Channel bandwidth: 20MHz(3700 to 3980 MHz) |        |               |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 30 kHz                                            |        |               |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                                                   | CH     | 99% BW (MHz)  |         |         |         |         | 26 dB BW (MHz) |         |         |         |         |
|                                                                  |        | BPSK          | QPSK    | 16QAM   | 64QAM   | 256QAM  | BPSK           | QPSK    | 16QAM   | 64QAM   | 256QAM  |
| 3710.01                                                          | 647334 | 17.8150       | 17.9890 | 17.8490 | 17.9720 | 17.9350 | 18.6300        | 18.6300 | 18.7200 | 18.9500 | 18.9600 |
| 3840                                                             | 656000 | 17.8730       | 17.9490 | 17.7730 | 17.8400 | 17.8830 | 18.7800        | 18.9600 | 18.9200 | 18.6700 | 18.7100 |
| 3969.99                                                          | 664666 | 17.7850       | 17.9190 | 17.8190 | 17.8680 | 17.7460 | 18.6700        | 18.8700 | 18.9500 | 18.8100 | 18.6700 |
| 5G NR BAND n53 Channel bandwidth: 10MHz                          |        |               |         |         |         |         |                |         |         |         |         |
| DFT-S-OFDM_SCS 30 kHz                                            |        |               |         |         |         |         |                |         |         |         |         |
| Freq.<br>(MHz)                                                   | CH     | 6 dB BW (MHz) |         |         |         |         |                |         |         |         |         |
|                                                                  |        | BPSK          | QPSK    | 16QAM   | 64QAM   | 256QAM  |                |         |         |         |         |
| 2488.5                                                           | 497700 | 8.5930        | 8.6220  | 8.6790  | 8.5870  | 8.6170  |                |         |         |         |         |
| 2489                                                             | 497800 | 8.6880        | 8.6020  | 8.6640  | 8.6580  | 8.5860  |                |         |         |         |         |
| 2490                                                             | 498000 | 8.5740        | 8.5980  | 8.5760  | 8.6440  | 8.6350  |                |         |         |         |         |

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.

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

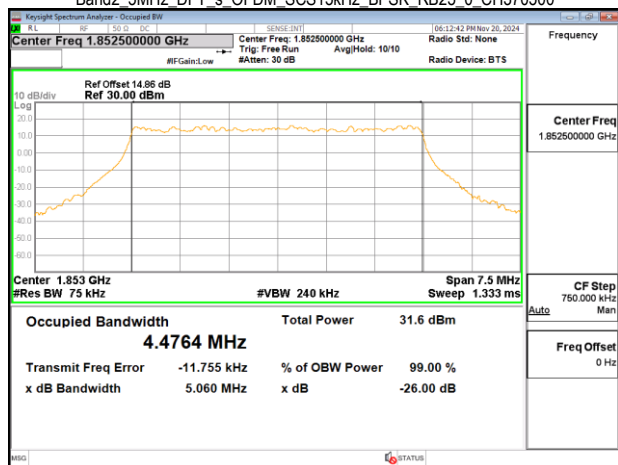
t (886-2) 2299-3279

f (886-2) 2298-0488

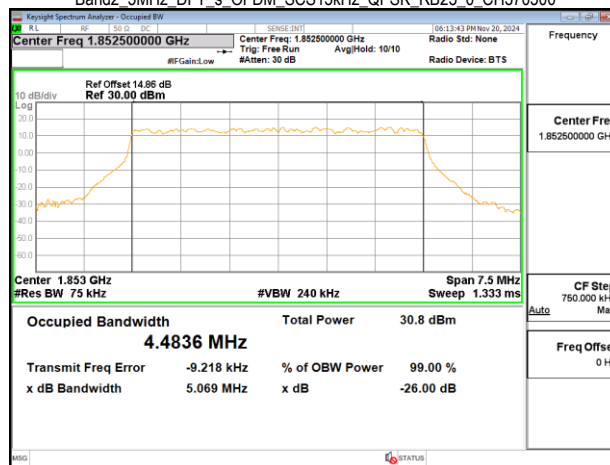
[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

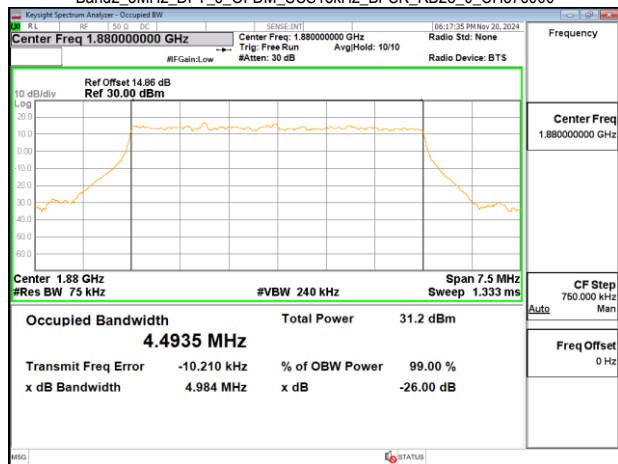
Band2\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB25\_0\_CH370500



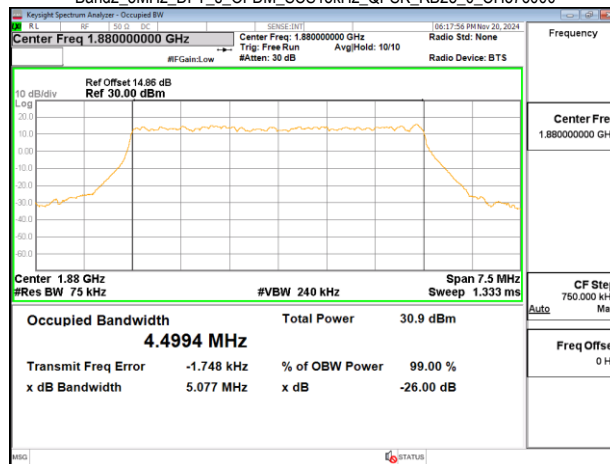
Band2\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB25\_0\_CH370500



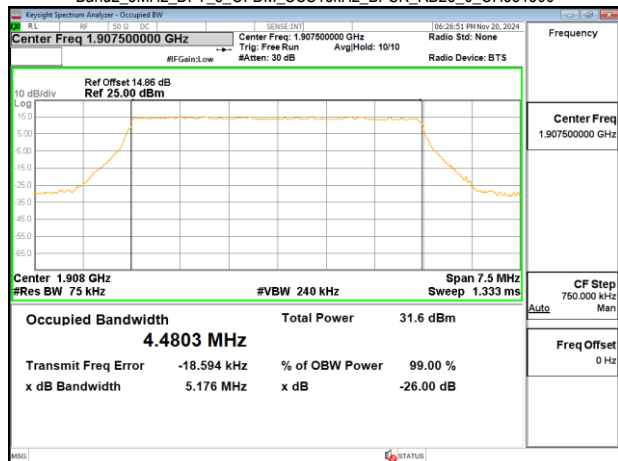
Band2\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB25\_0\_CH376000



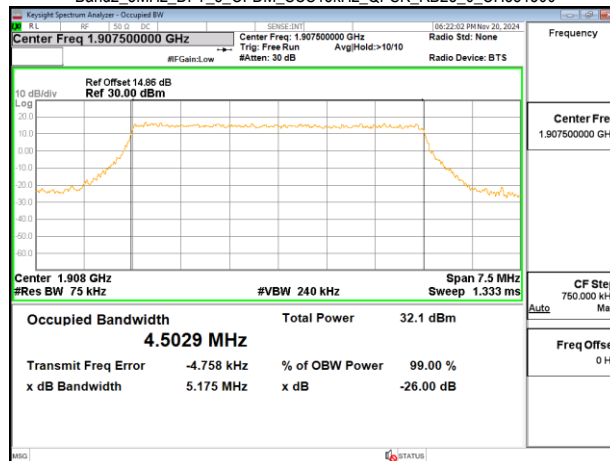
Band2\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB25\_0\_CH376000



Band2\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB25\_0\_CH381500



Band2\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB25\_0\_CH381500

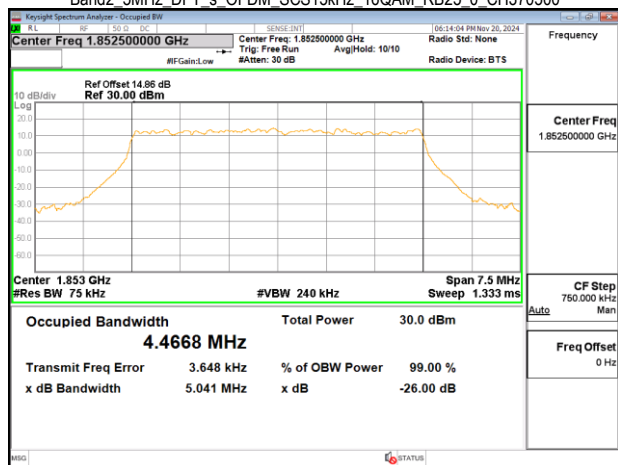


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

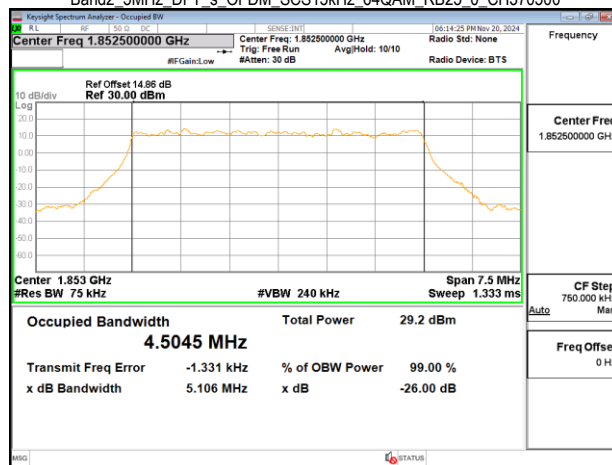
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

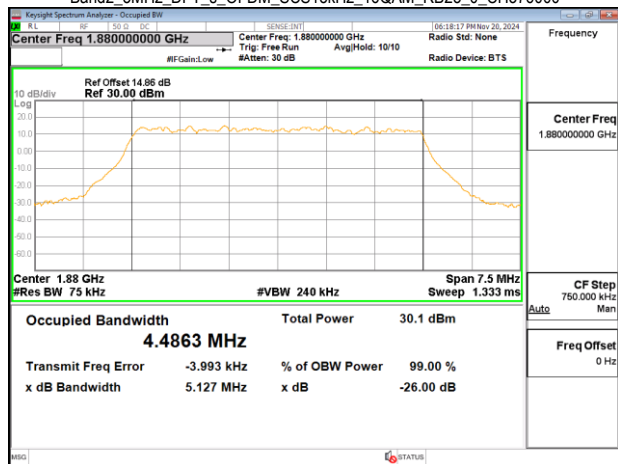
Band2\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB25\_0\_CH370500



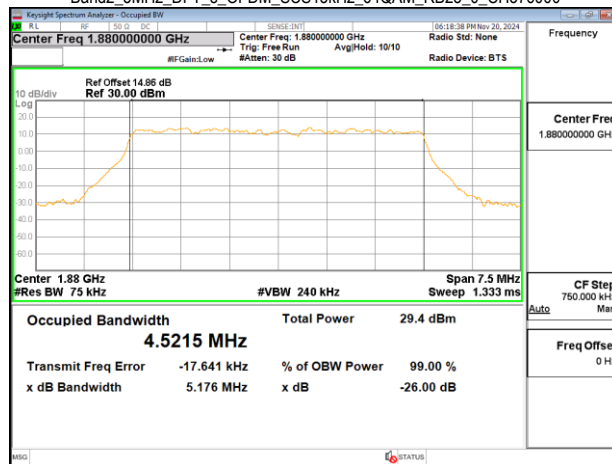
Band2\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB25\_0\_CH370500



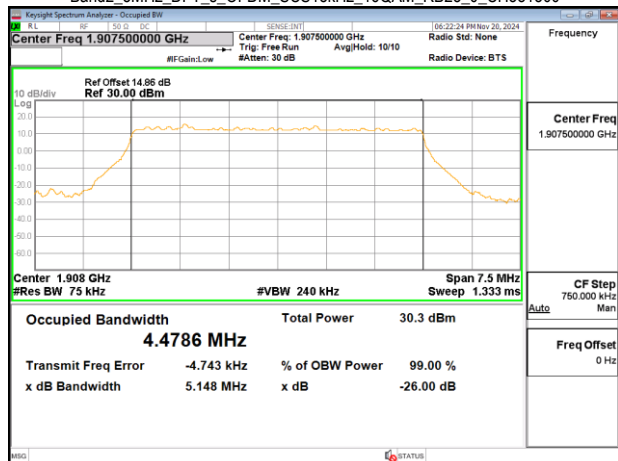
Band2\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB25\_0\_CH376000



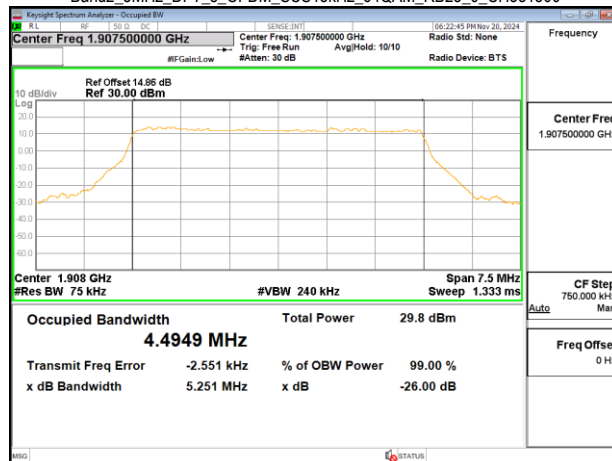
Band2\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB25\_0\_CH376000



Band2\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB25\_0\_CH381500



Band2\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB25\_0\_CH381500

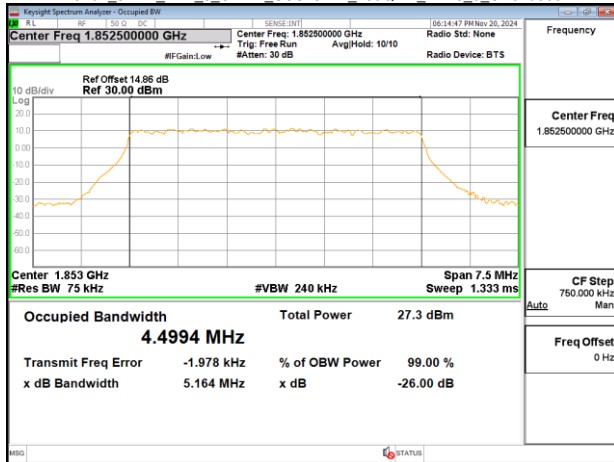


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

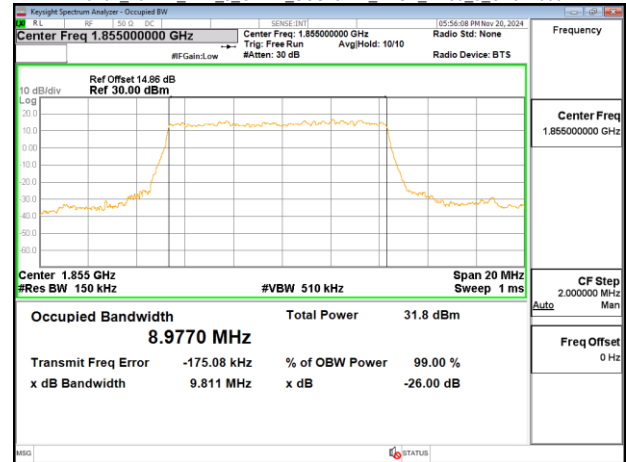
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

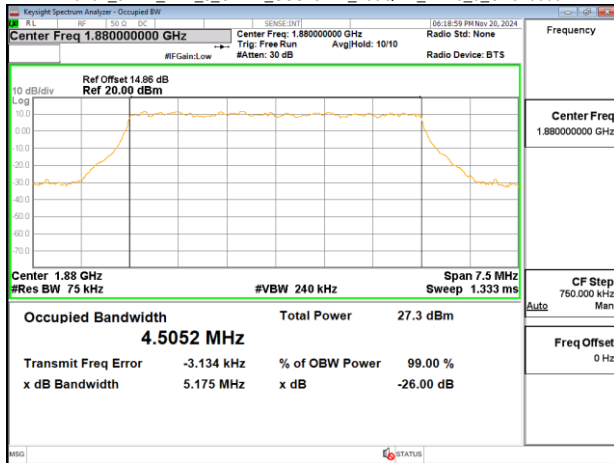
Band2 5MHz DFT s OFDM\_SCS15kHz\_256QAM\_RB25\_0\_CH370500



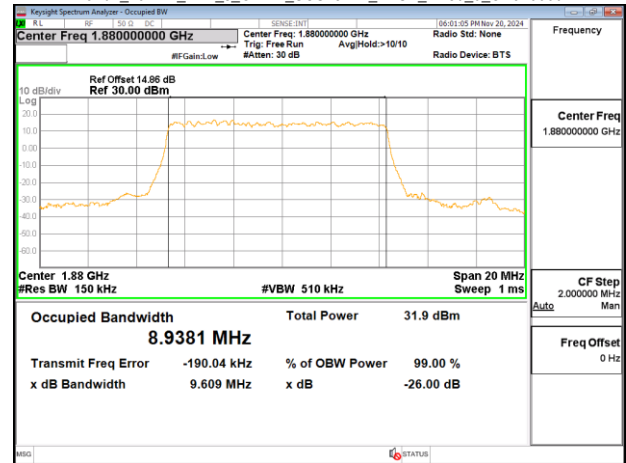
Band2 10MHz DFT s OFDM\_SCS15kHz\_BPSK\_RB50\_0\_CH371000



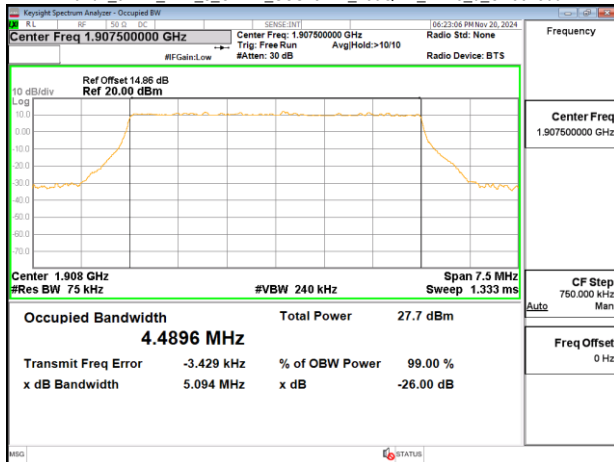
Band2 5MHz DFT s OFDM\_SCS15kHz\_256QAM\_RB25\_0\_CH376000



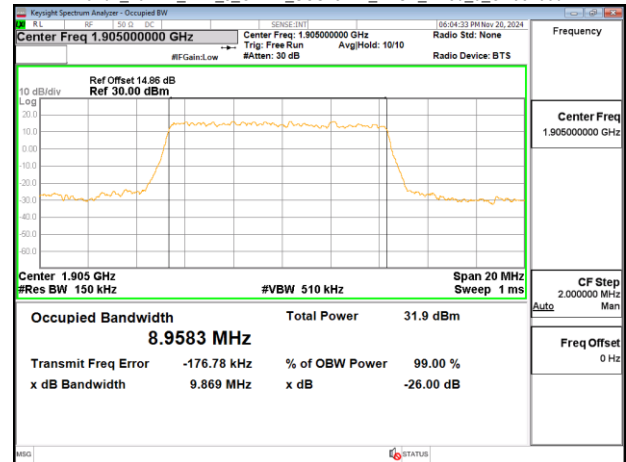
Band2 10MHz DFT s OFDM\_SCS15kHz\_BPSK\_RB50\_0\_CH376000



Band2 5MHz DFT s OFDM\_SCS15kHz\_256QAM\_RB25\_0\_CH381500



Band2 10MHz DFT s OFDM\_SCS15kHz\_BPSK\_RB50\_0\_CH381000

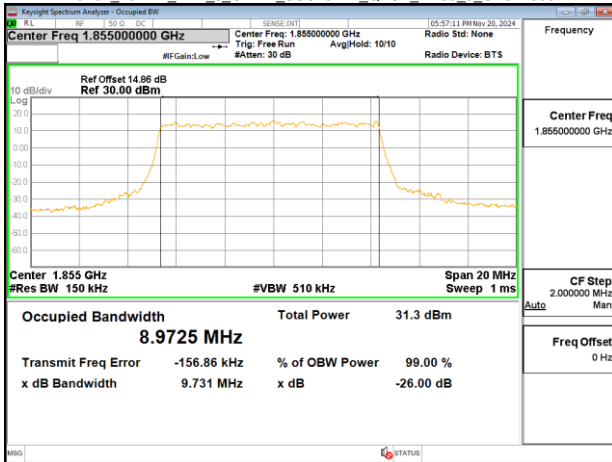


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

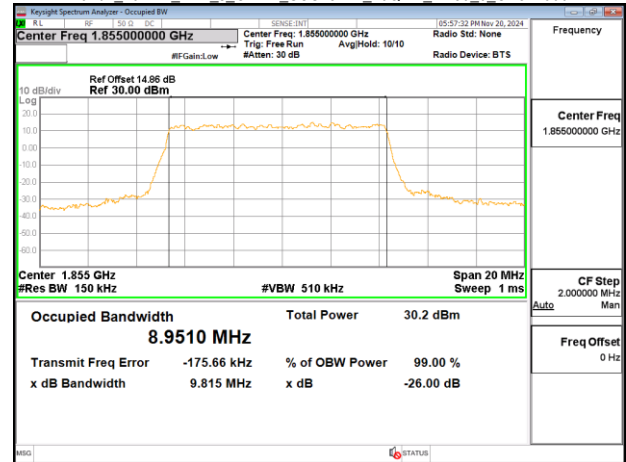
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

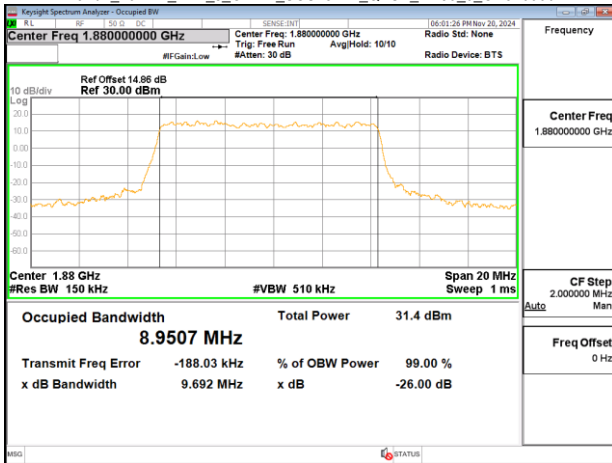
Band2\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB50\_0\_CH371000



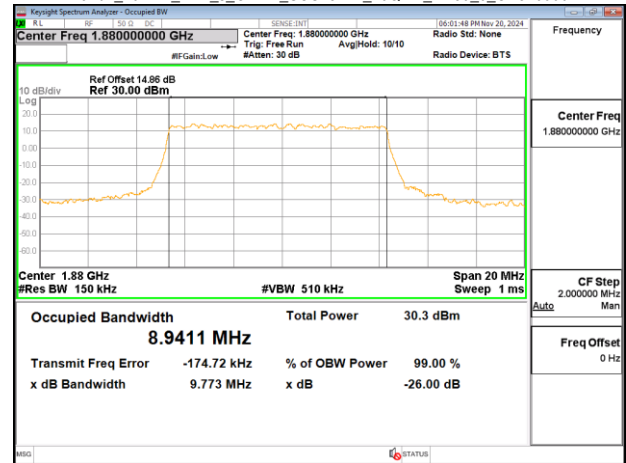
Band2\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB50\_0\_CH371000



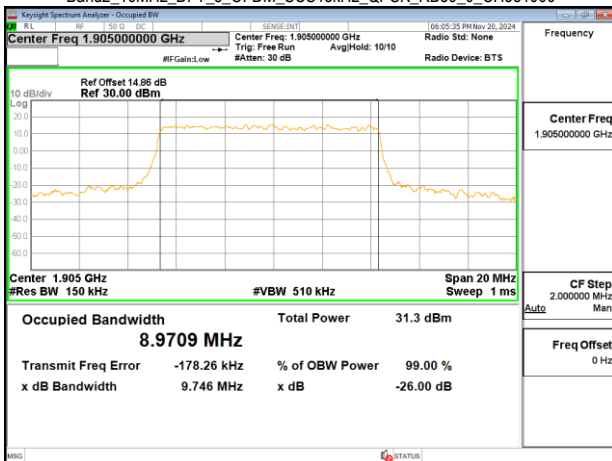
Band2\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB50\_0\_CH376000



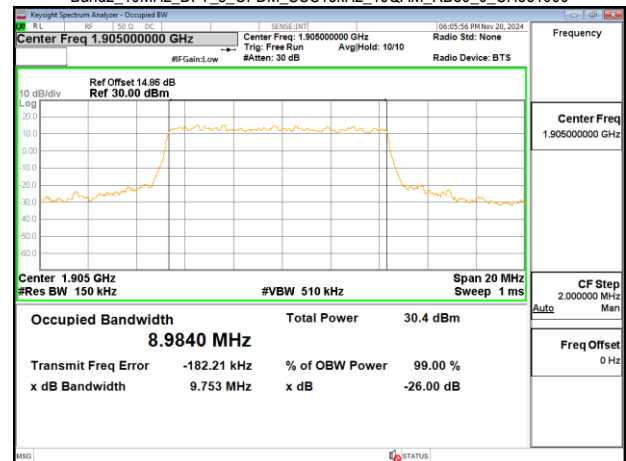
Band2\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB50\_0\_CH376000



Band2\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB50\_0\_CH381000



Band2\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB50\_0\_CH381000

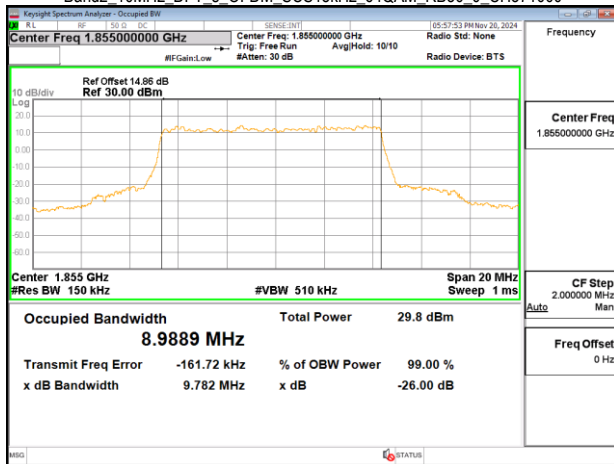


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

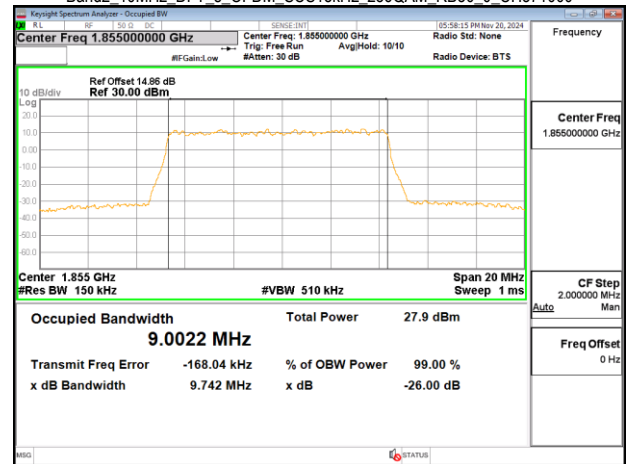
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

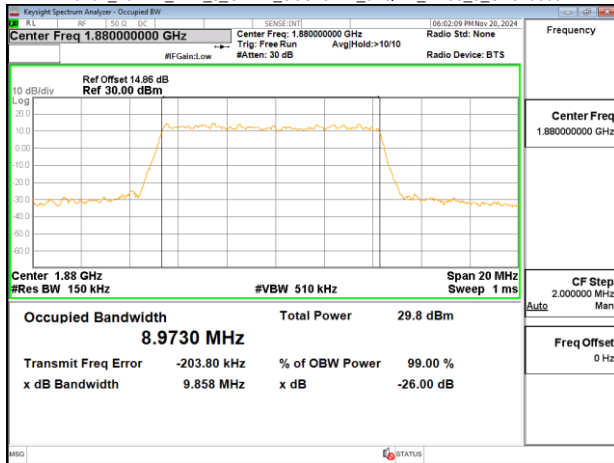
Band2\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB50\_0\_CH376000



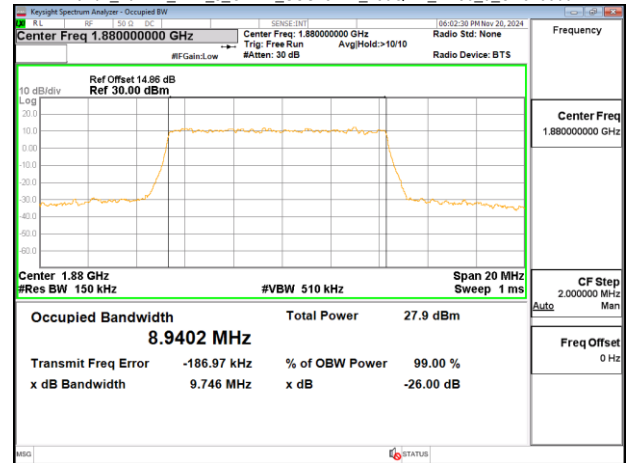
Band2\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB50\_0\_CH376000



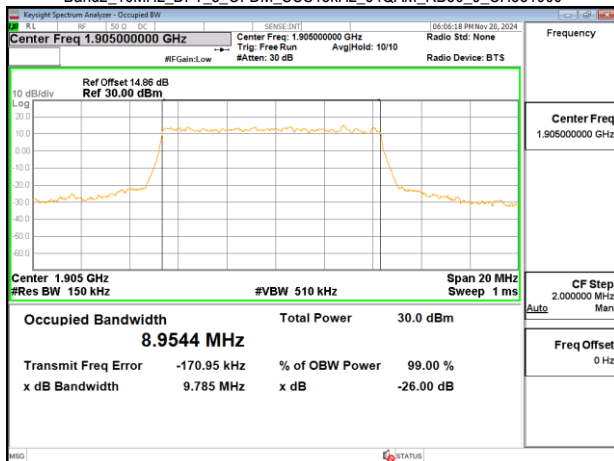
Band2\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB50\_0\_CH376000



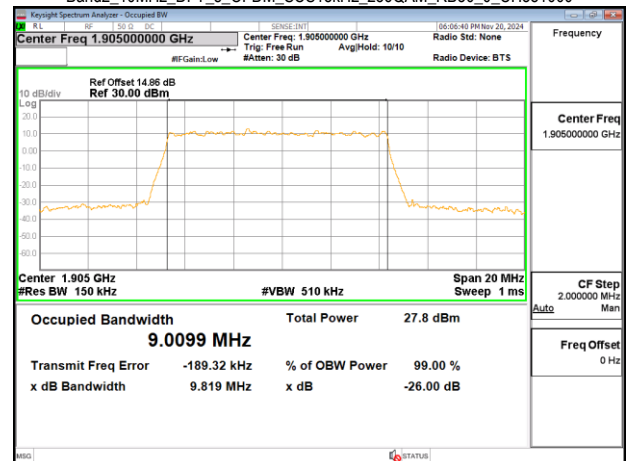
Band2\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB50\_0\_CH376000



Band2\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB50\_0\_CH381000



Band2\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB50\_0\_CH381000

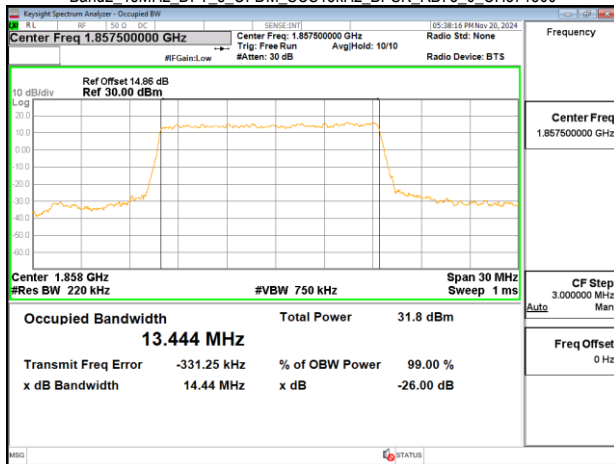


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

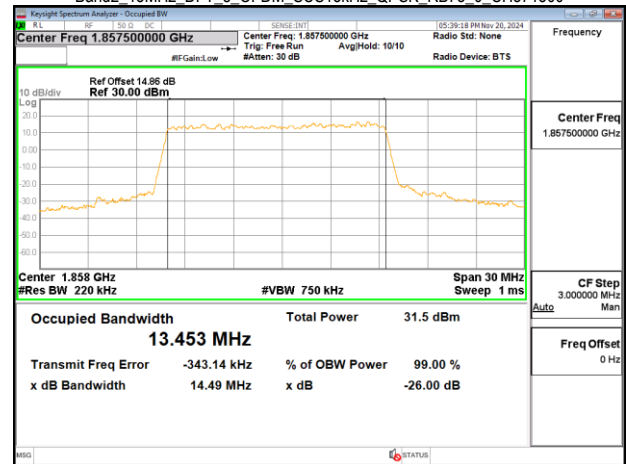
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

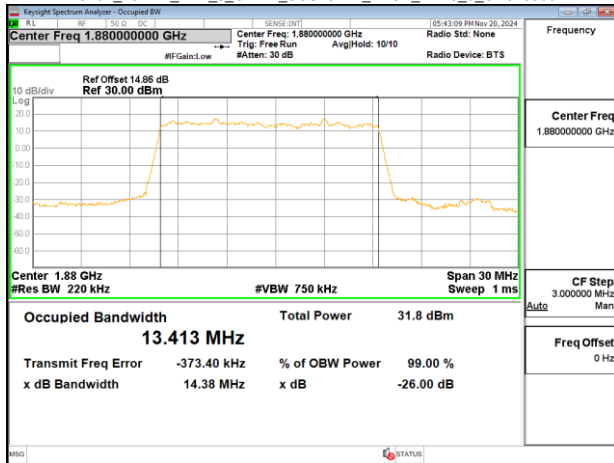
Band2\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB75\_0\_CH371500



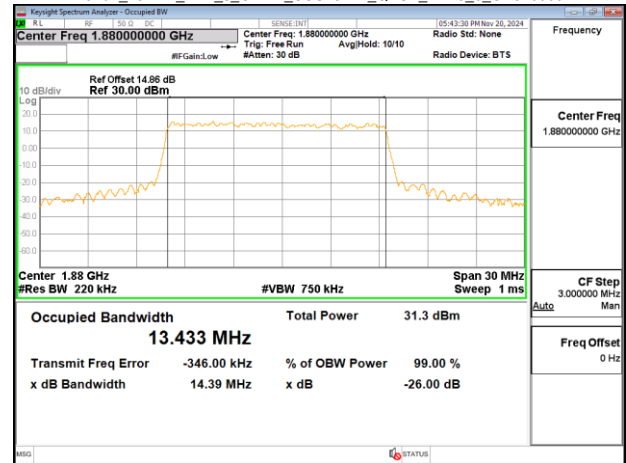
Band2\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB75\_0\_CH371500



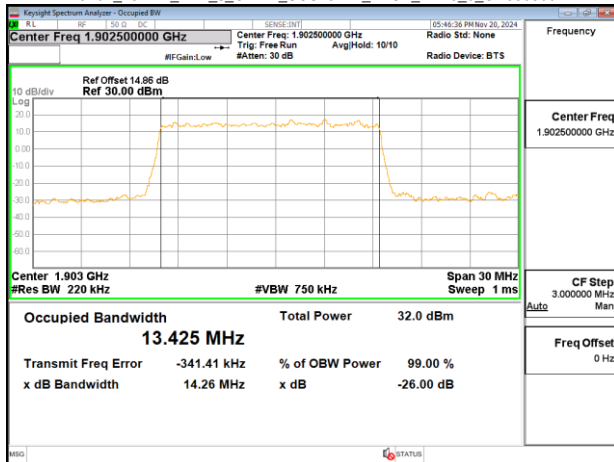
Band2\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB75\_0\_CH376000



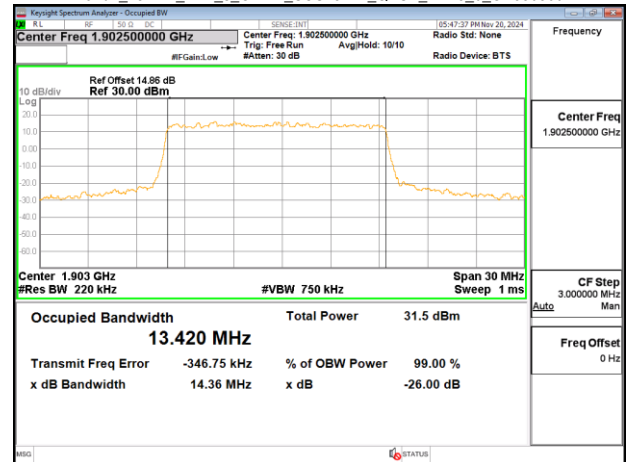
Band2\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB75\_0\_CH376000



Band2\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB75\_0\_CH380500



Band2\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB75\_0\_CH380500

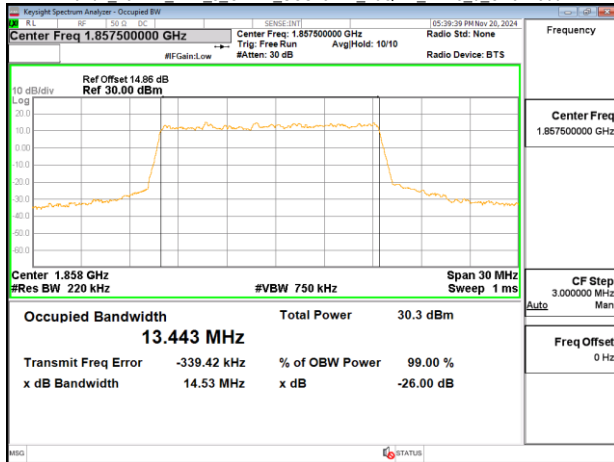


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

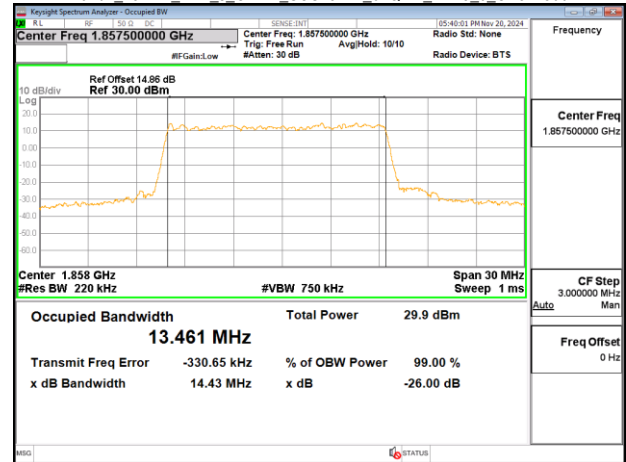
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

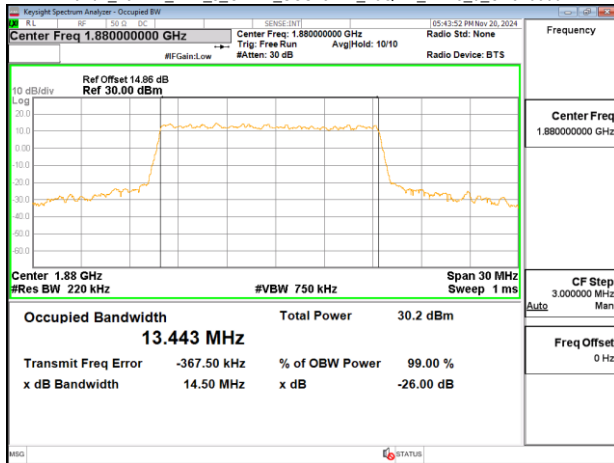
Band2\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB75\_0\_CH371500



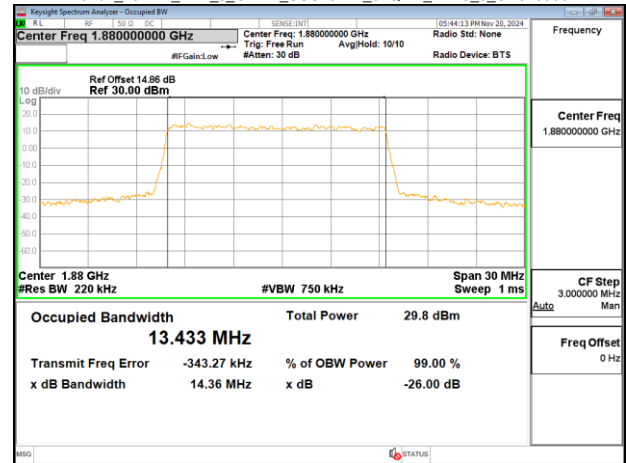
Band2\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB75\_0\_CH371500



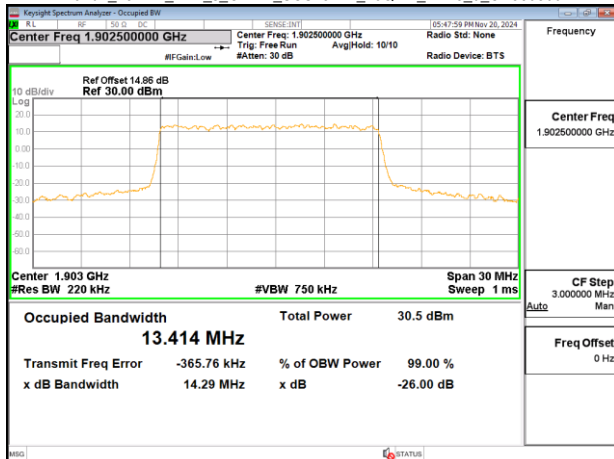
Band2\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB75\_0\_CH376000



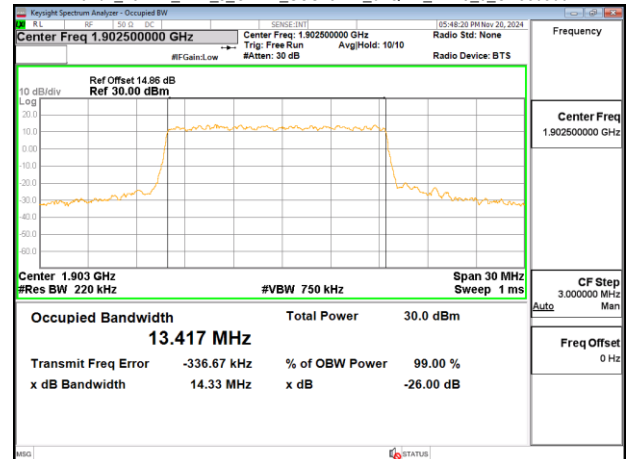
Band2\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB75\_0\_CH376000



Band2\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB75\_0\_CH380500



Band2\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB75\_0\_CH380500

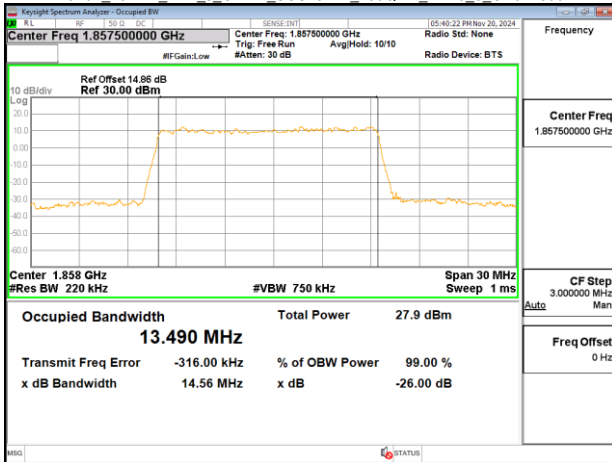


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

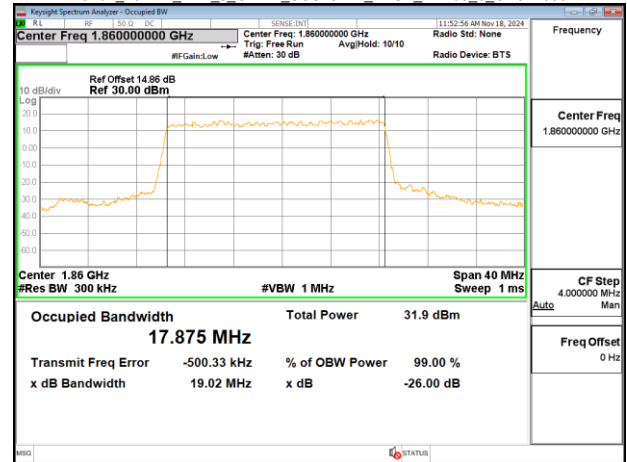
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

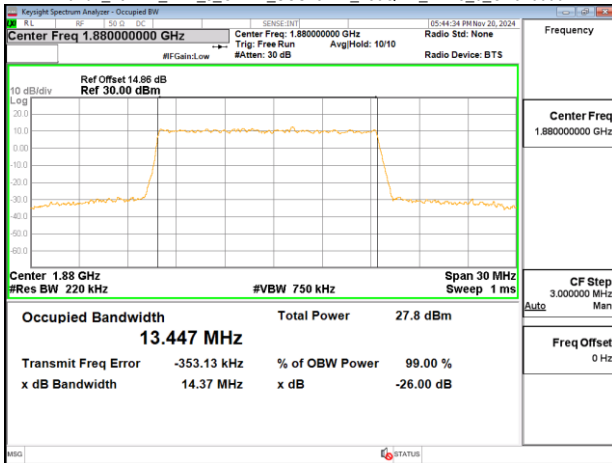
Band2\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB75\_0\_CH371500



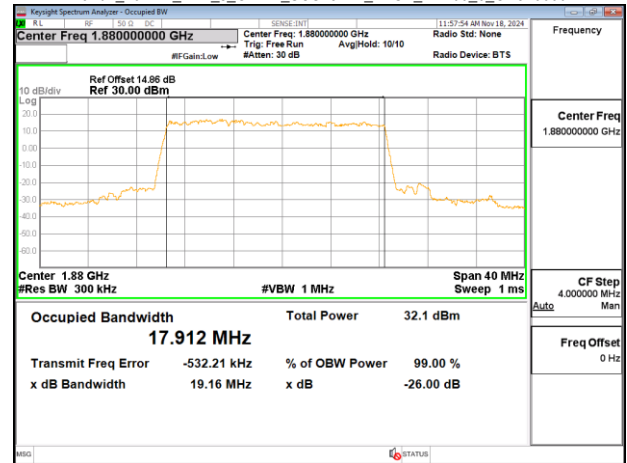
Band2\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB100\_0\_CH372000



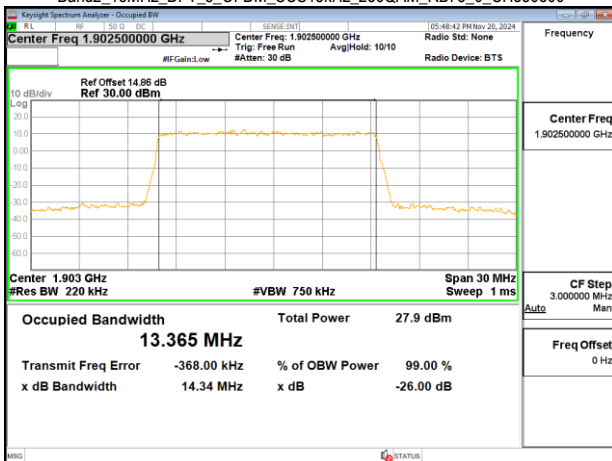
Band2\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB75\_0\_CH376000



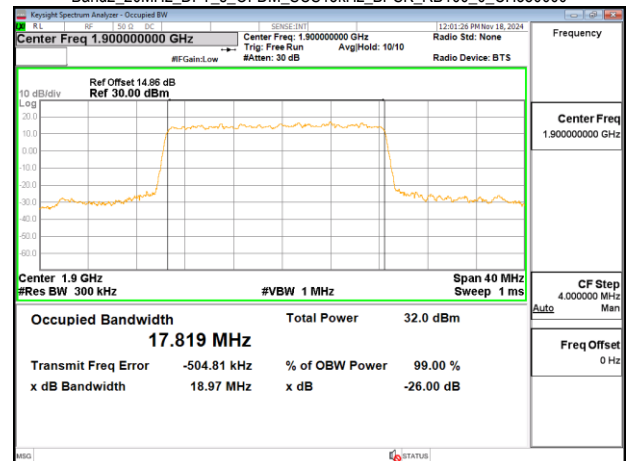
Band2\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB100\_0\_CH376000



Band2\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB75\_0\_CH380500



Band2\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB100\_0\_CH380000

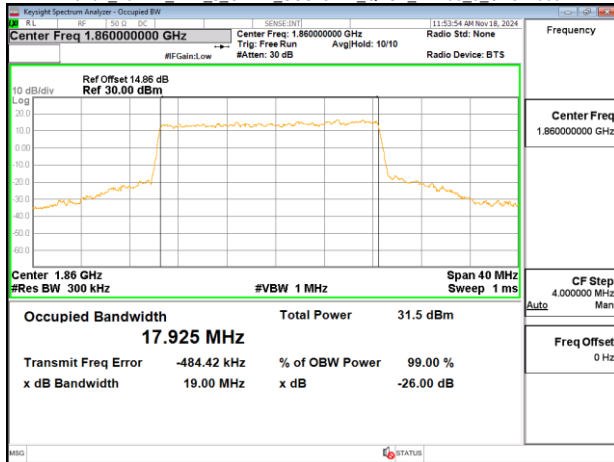


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

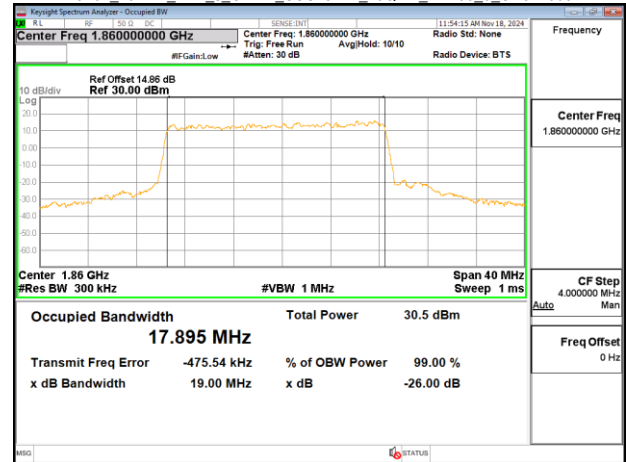
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

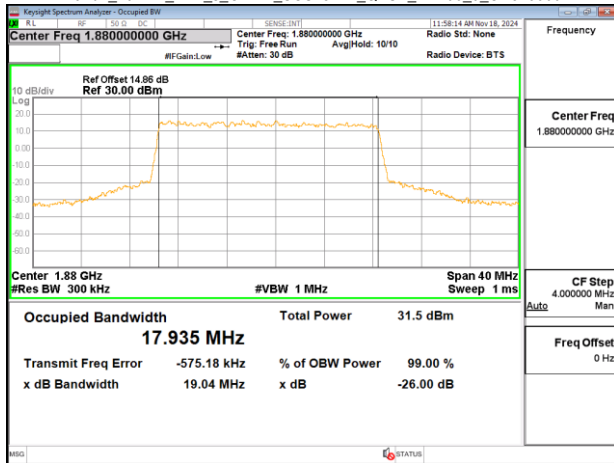
Band2\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB100\_0\_CH372000



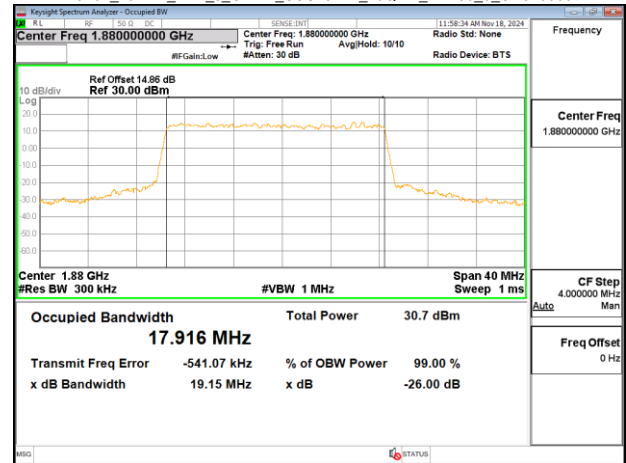
Band2\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB100\_0\_CH372000



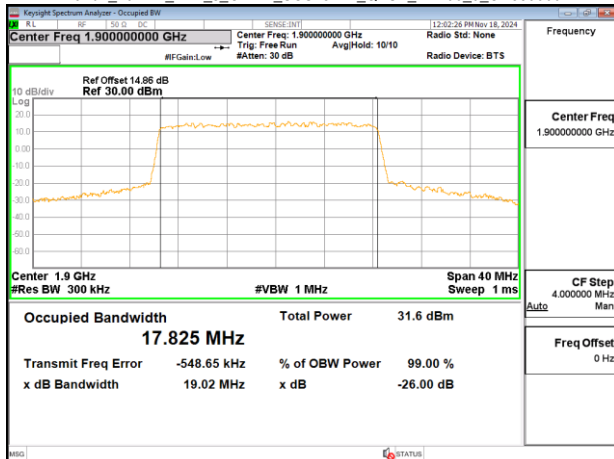
Band2\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB100\_0\_CH376000



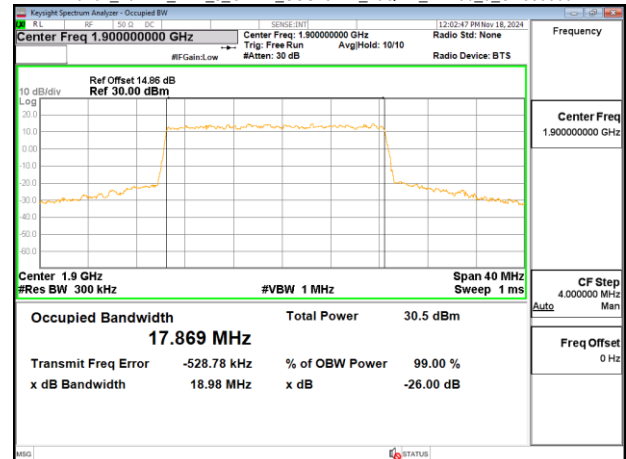
Band2\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB100\_0\_CH376000



Band2\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB100\_0\_CH380000



Band2\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB100\_0\_CH380000

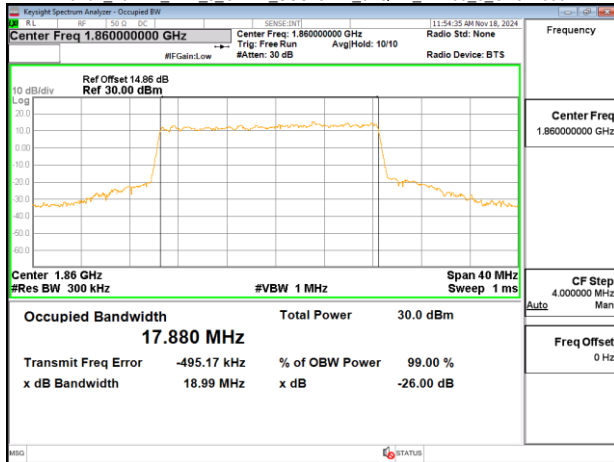


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

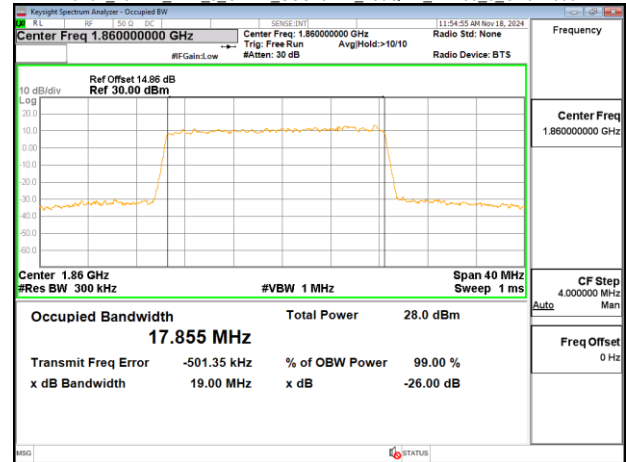
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

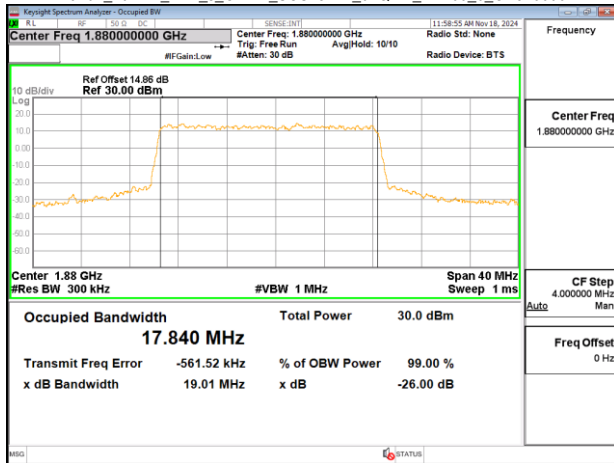
Band2\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB100\_0\_CH372000



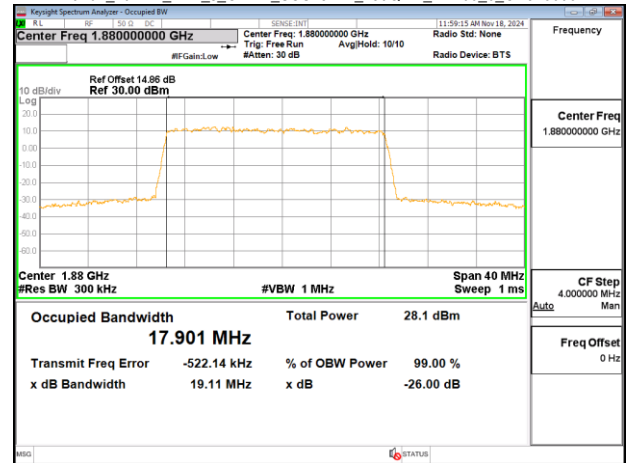
Band2\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB100\_0\_CH372000



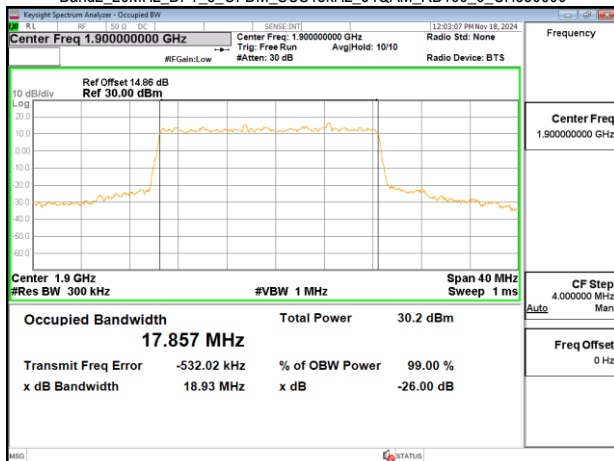
Band2\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB100\_0\_CH376000



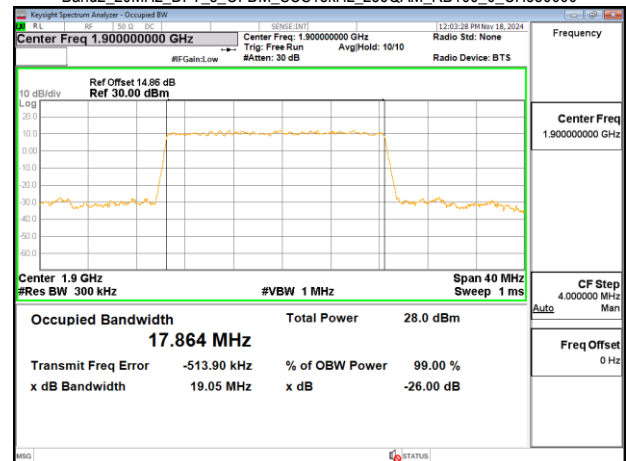
Band2\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB100\_0\_CH376000



Band2\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB100\_0\_CH380000



Band2\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB100\_0\_CH380000



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.