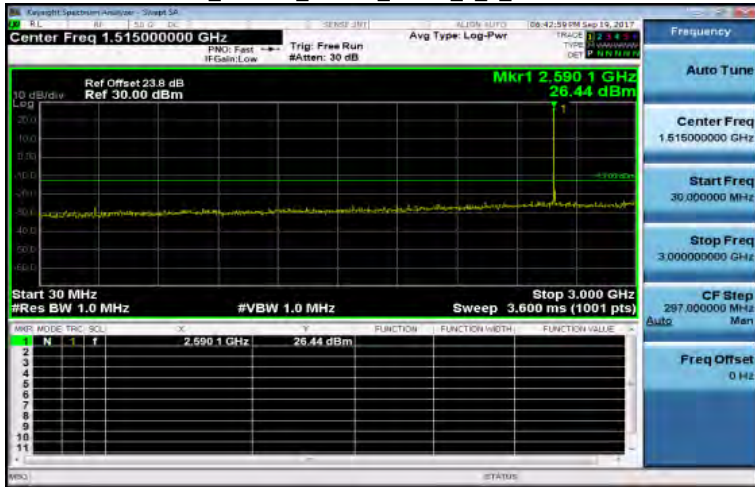


30MHz-3GHz_Band38_15MHz_QPSK_1_0_MidCH38000-2595



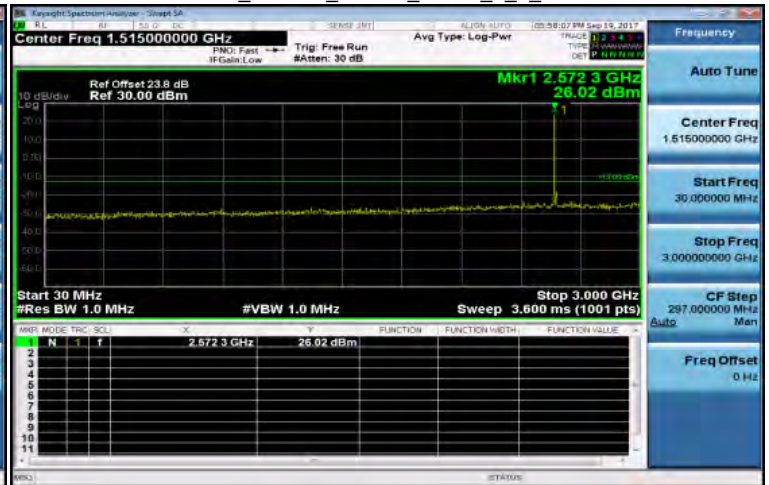
3GHz-10GHz_Band38_15MHz_QPSK_1_0_HighCH38175-2612.5



3GHz-10GHz_Band38_15MHz_QPSK_1_0_MidCH38000-2595



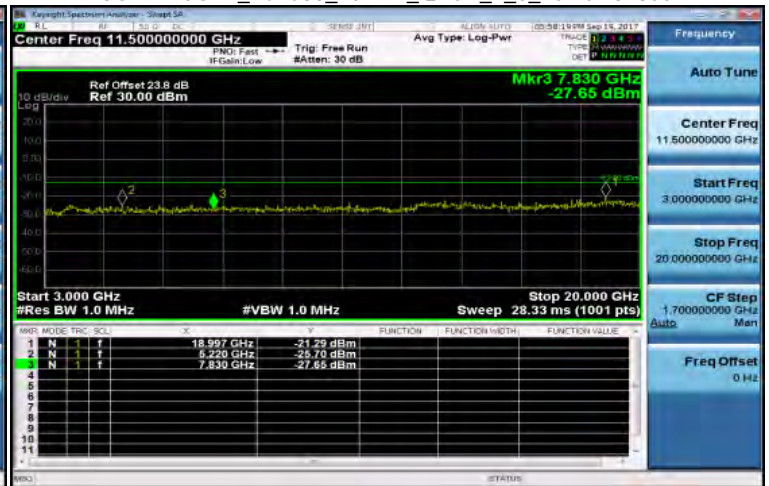
30MHz-3GHz_Band38_20MHz_QPSK_1_0_LowCH37850



30MHz-3GHz_Band38_15MHz_QPSK_1_0_HighCH38175-2612.5



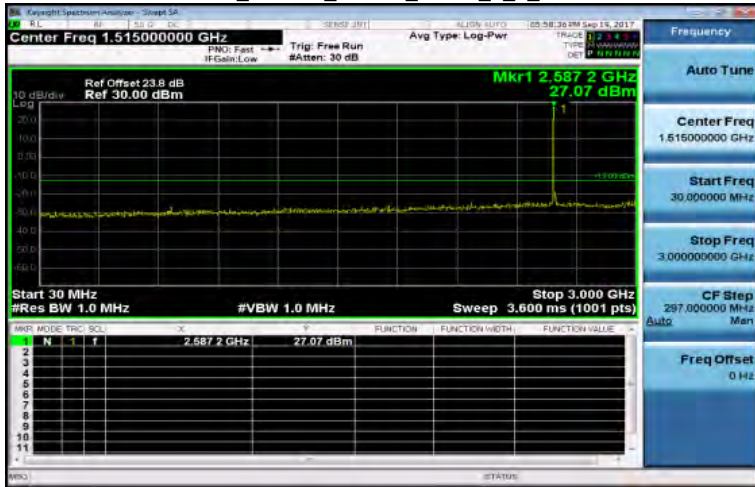
3GHz-10GHz_Band38_20MHz_QPSK_1_0_LowCH37850



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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

30MHz-3GHz_Band38_20MHz_QPSK_1_0_MidCH38000



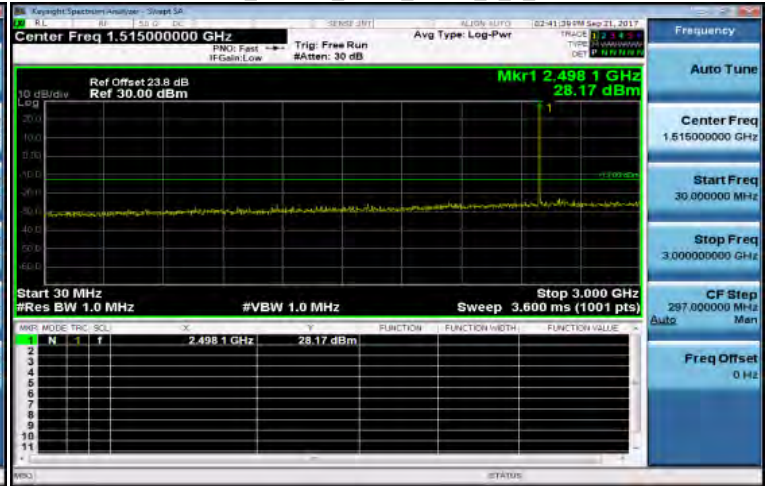
3GHz-10GHz_Band38_20MHz_QPSK_1_0_HighCH38150



3GHz-10GHz_Band38_20MHz_QPSK_1_0_MidCH38000



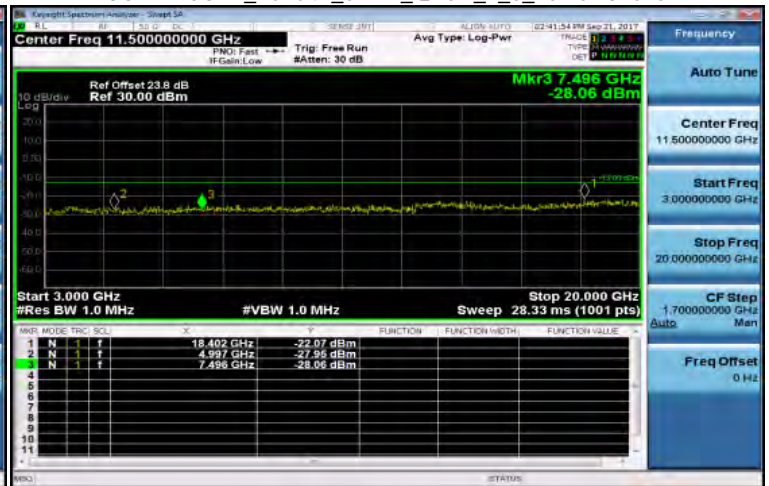
30MHz-3GHz_Band41_5MHz_QPSK_1_0_LowCH39675



30MHz-3GHz_Band38_20MHz_QPSK_1_0_HighCH38150



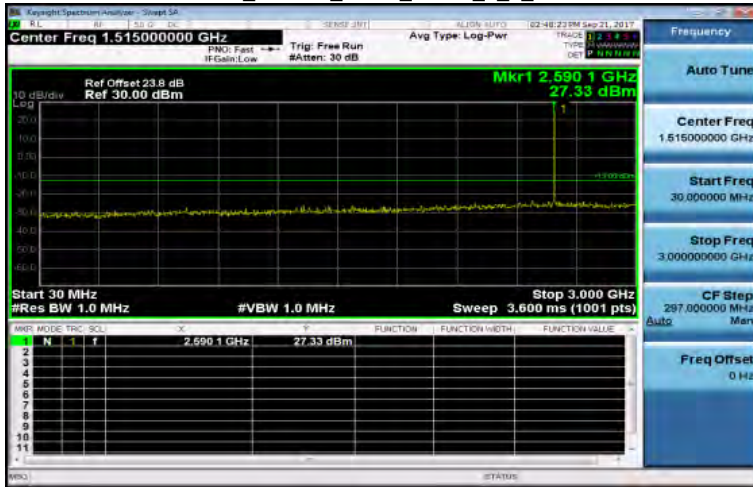
3GHz-10GHz_Band41_5MHz_QPSK_1_0_LowCH39675



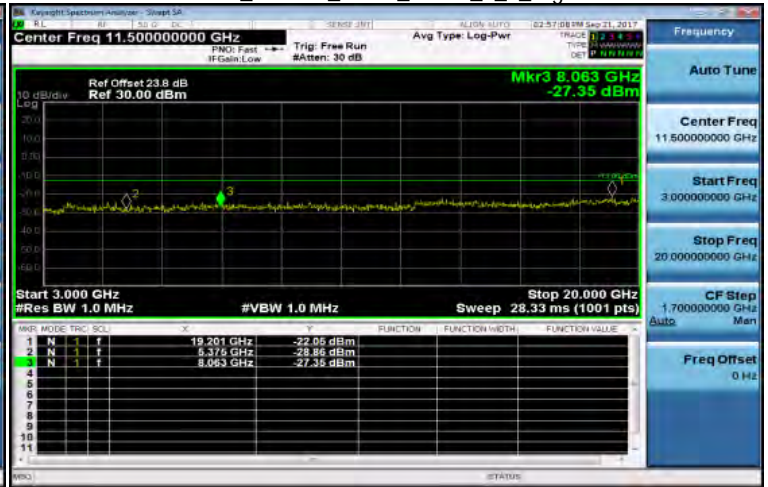
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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

30MHz-3GHz_Band41_5MHz_QPSK_1_0_MidCH40620



3GHz-10GHz_Band41_5MHz_QPSK_1_0_HighCH41565



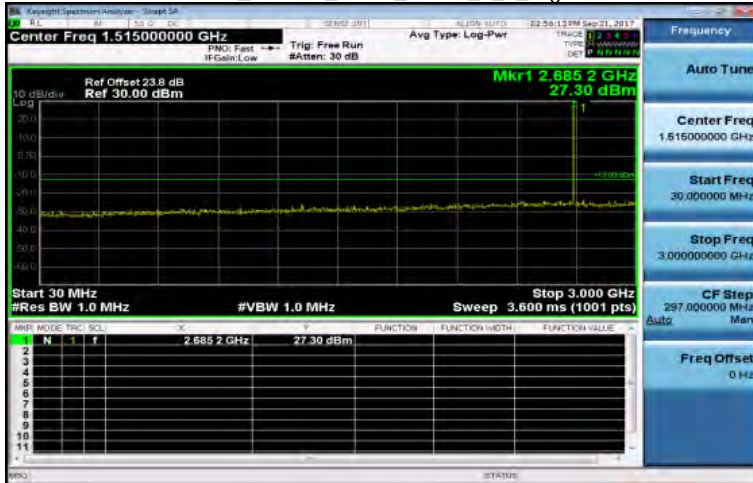
3GHz-10GHz_Band41_5MHz_QPSK_1_0_MidCH40620



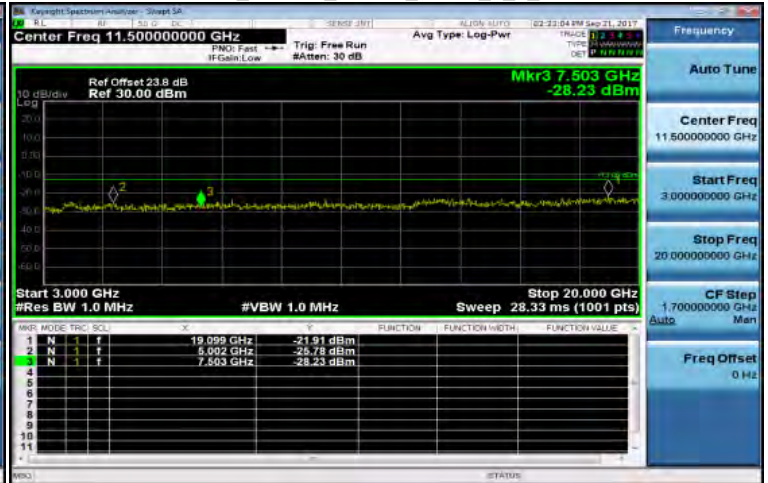
30MHz-3GHz_Band41_10MHz_QPSK_1_0_LowCH39700



30MHz-3GHz_Band41_5MHz_QPSK_1_0_HighCH41565



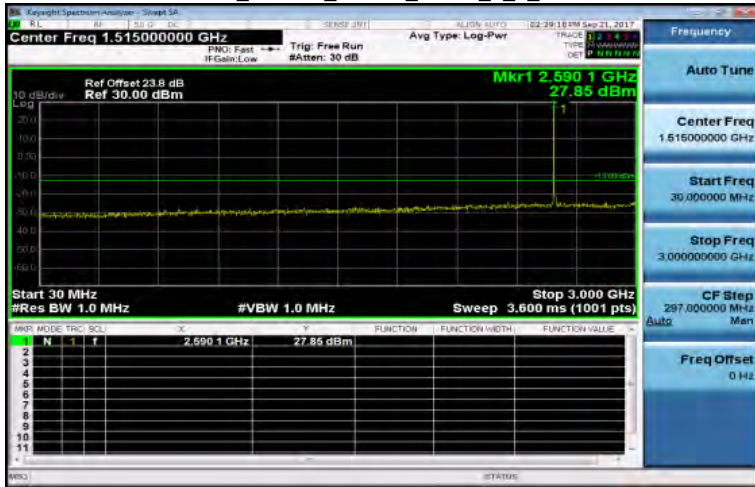
3GHz-10GHz_Band41_10MHz_QPSK_1_0_LowCH39700



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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

30MHz-3GHz_Band41_10MHz_QPSK_1_0_MidCH40620



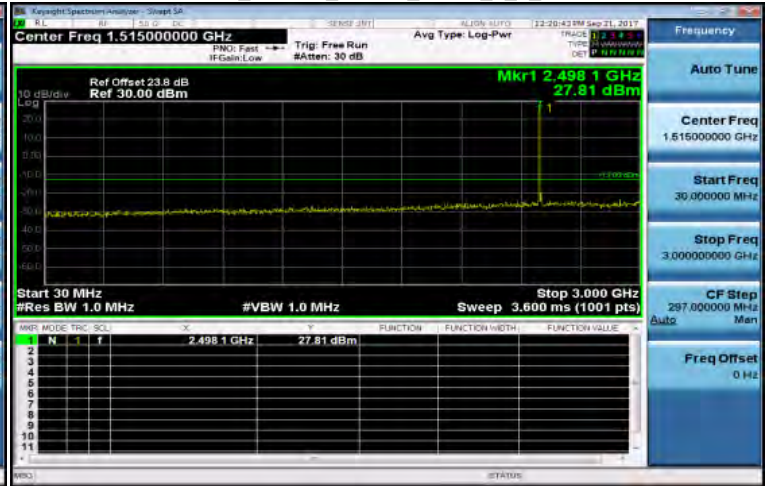
3GHz-10GHz_Band41_10MHz_QPSK_1_0_HighCH41540



3GHz-10GHz_Band41_10MHz_QPSK_1_0_MidCH40620



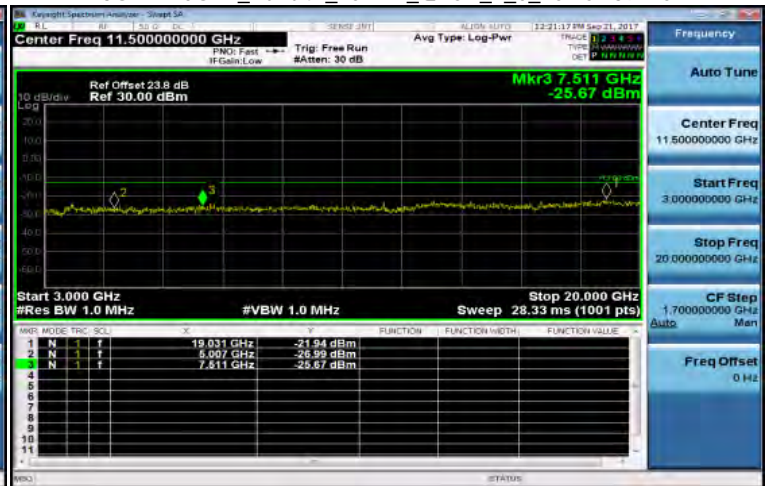
30MHz-3GHz_Band41_15MHz_QPSK_1_0_LowCH39725



30MHz-3GHz_Band41_10MHz_QPSK_1_0_HighCH41540



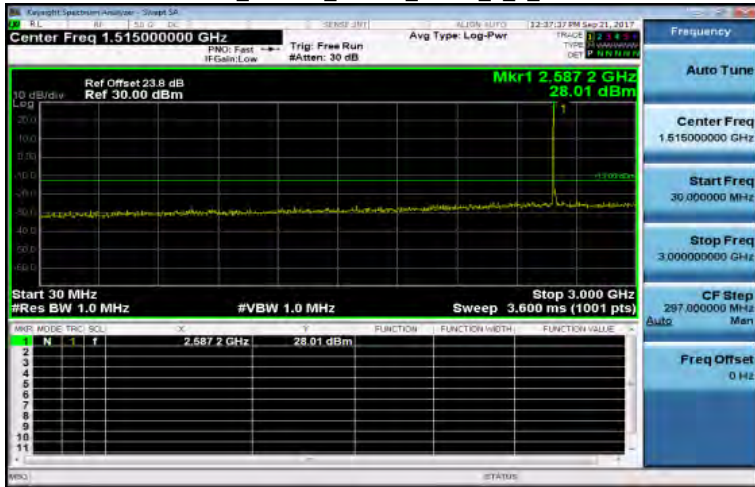
3GHz-10GHz_Band41_15MHz_QPSK_1_0_LowCH39725



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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

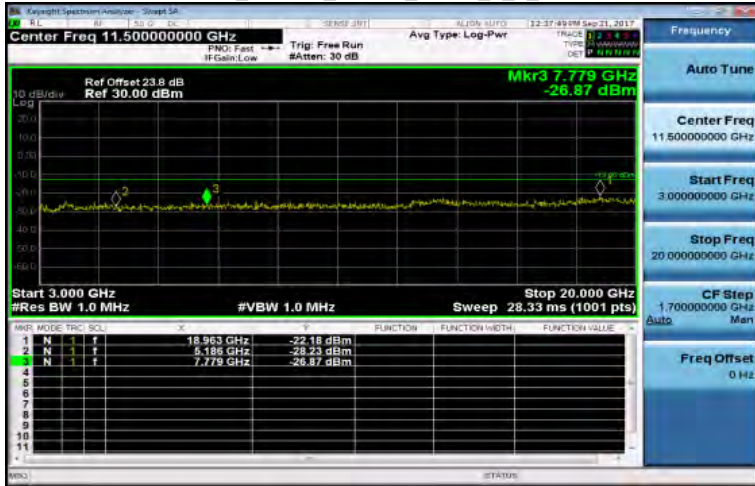
30MHz-3GHz_Band41_15MHz_QPSK_1_0_MidCH40620



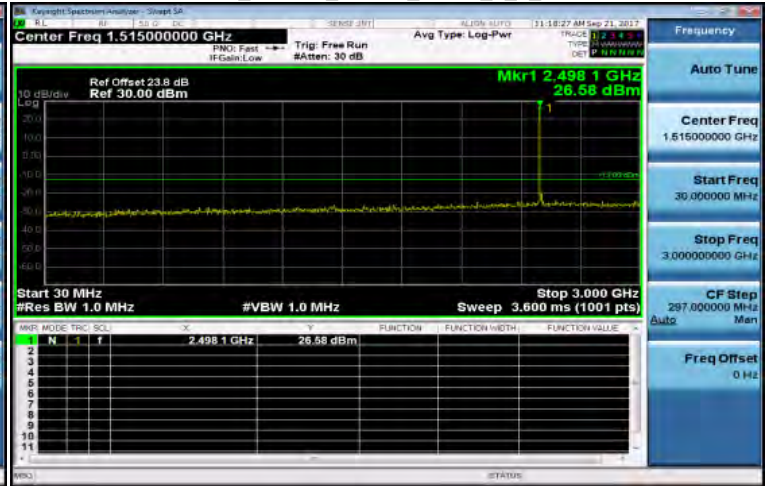
3GHz-10GHz_Band41_15MHz_QPSK_1_0_HighCH41515



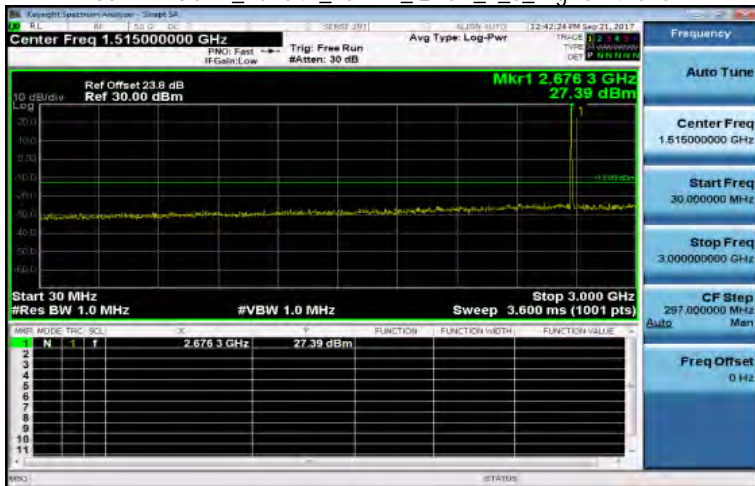
3GHz-10GHz_Band41_15MHz_QPSK_1_0_MidCH40620



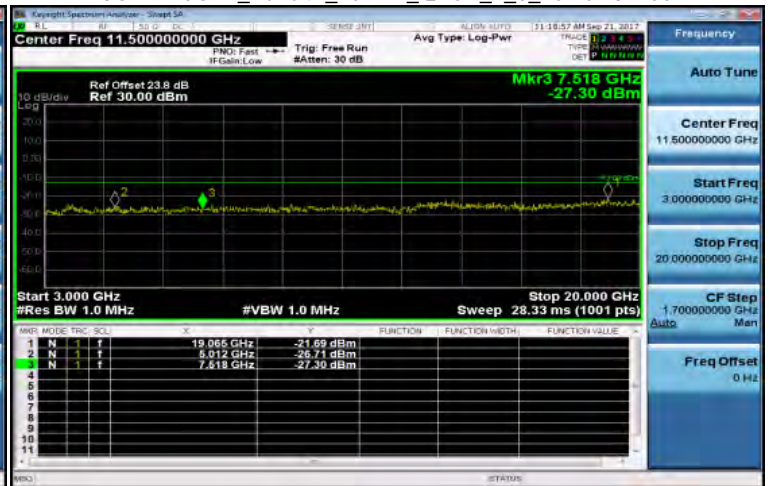
30MHz-3GHz_Band41_20MHz_QPSK_1_0_LowCH39750



30MHz-3GHz_Band41_15MHz_QPSK_1_0_HighCH41515



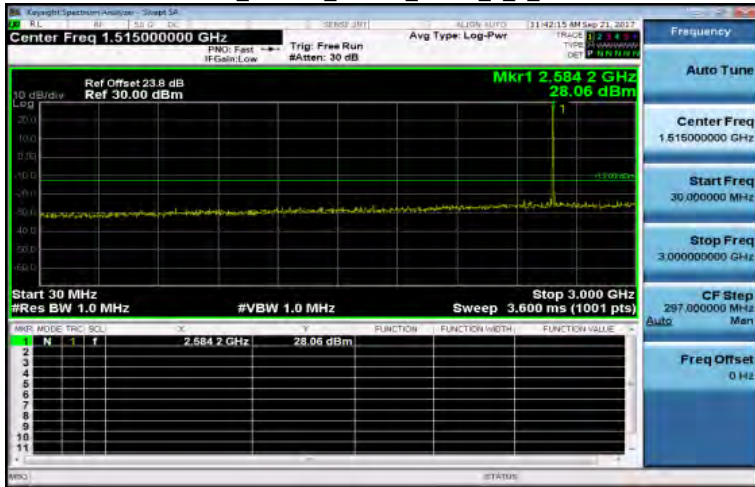
3GHz-10GHz_Band41_20MHz_QPSK_1_0_LowCH39750



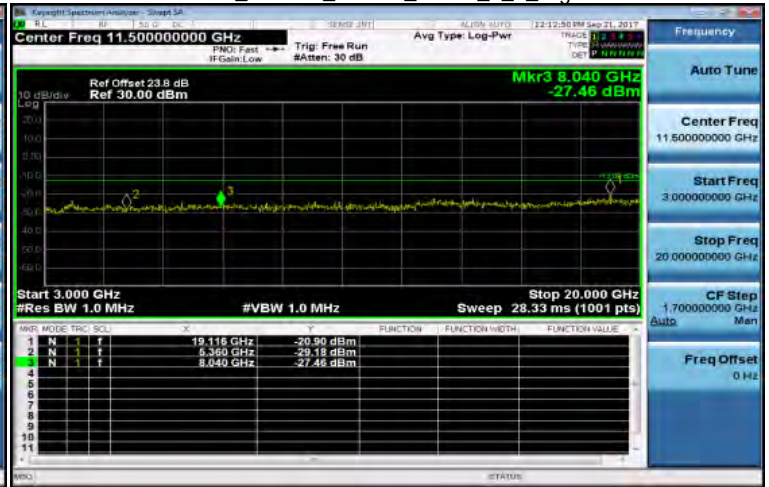
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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

30MHz-3GHz_Band41_20MHz_QPSK_1_0_MidCH40620



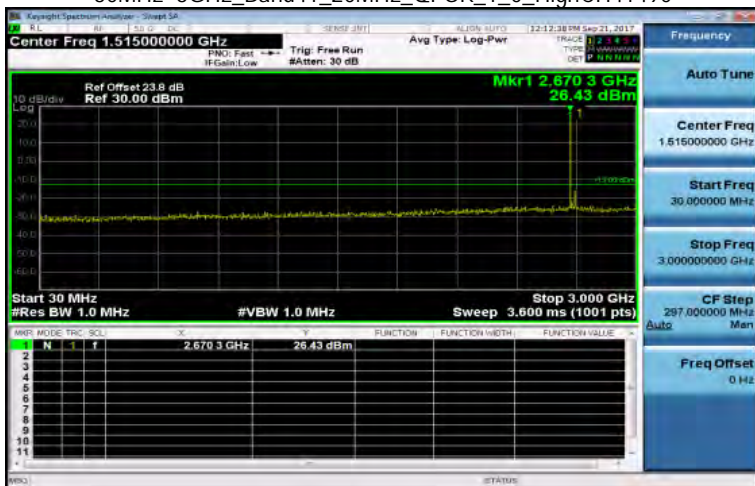
3GHz-10GHz_Band41_20MHz_QPSK_1_0_HighCH41490



3GHz-10GHz_Band41_20MHz_QPSK_1_0_MidCH40620



30MHz-3GHz_Band41_20MHz_QPSK_1_0_HighCH41490



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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

10. FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

10.1. Standard Applicable

According to FCC §2.1053,

FCC §22.917(a) , §24.238(a) , §27.53 (h) , the magnitude of each spurious and harmonic emission that can be detected when the equipment is operated under the conditions specified in the instruction manual and/ or alignment procedure, shall not be less than $43 + 10 \log$ (mean output power in watts) dBc below the mean power output outside a license's frequency block (-13dBm).

§27.53 (c)

(2) On any frequency outside the 776– 788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB (-13dBm)

(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

§27.53 (f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

FCC §27.53(c) (5) & FCC §27.53(g)

Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

FCC §27.53(h) (3)

Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

Member of SGS Group

FCC §27.53(m) (4) (6)

For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed; for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

Member of SGS Group

According to RSS-130 §4.6

The power of any unwanted emissions in any 100 kHz bandwidth on any frequency outside the frequency range(s) within which the equipment is designed to operate shall be attenuated below the transmitter power, P (dBW), by at least $43 + 10 \log_{10} p$ (watts), dB. However, in the 100 kHz band immediately outside the equipment's operating frequency range, a resolution bandwidth of 30 kHz may be employed.

In addition to the limit outlined in Section 4.6.1 above, equipment operating in the frequency bands 746-756 MHz and 777-787 MHz shall also comply with the following restrictions:

(a) The power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power,

P (dBW), by at least:

- (i) $76 + 10 \log_{10} p$ (watts), dB, for base and fixed equipment, and
- (ii) $65 + 10 \log_{10} p$ (watts), dB, for mobile and portable equipment.

According to RSS-132 §5.5

Mobile and base station equipment shall comply with the limits in (i) and (ii) below.

(i) In the first 1.0 MHz band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1% of the occupied bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least $43 + 10 \log_{10} p$ (watts).

(ii) After the first 1.0 MHz immediately outside and adjacent to each of the sub-bands, the power of emissions in any 100 kHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least $43 + 10 \log_{10} p$ (watts). If the measurement is performed using 1% of the occupied bandwidth, power integration over 100 kHz is required.

According to RSS-133 §6.5.1

Equipment shall comply with the limits in (i) and (ii) below.

(i) In the 1.0 MHz bands immediately outside and adjacent to the equipment's operating frequency block, the emission power per any 1% of the emission bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least $43 + 10 \log_{10} p$ (watts).

(ii) After the first 1.0 MHz, the emission power in any 1 MHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least $43 + 10 \log_{10} p$ (watts). If the measurement is performed using 1% of the emission bandwidth, power integration over 1.0 MHz is required.

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

Member of SGS Group

According to RSS-139 §6.5

(i) In the first 1.0 MHz bands immediately outside and adjacent to the equipment's operating frequency block, the emission power per any 1% of the emission bandwidth shall be attenuated below the transmitter output power P (in watts) by at least $43 + 10 \log_{10}(P)$, dB.

(ii) After the first 1.0 MHz outside the equipment's operating frequency block, the emission power in any 1 MHz bandwidth shall be attenuated below the transmitter output power P (in watts) by at least $43 + 10 \log_{10}(P)$, dB.

According to RSS-195 §5.6.2

The power of any emission outside the frequency range(s) in which the equipment operates shall be attenuated below the transmitter power, P(dBW), by the amount indicated in Table 2 and graphically represented in Figure 2, where p is the transmitter output power measured in watts.

Table 2 — Unwanted Emissions for Mobile, Portable and Low-Power Fixed Subscriber Equipment

| Frequency (MHz) | Attenuation (dB) |
|-----------------|--|
| <2200 | $43 + 10 \log_{10}(p)$ |
| 2200 - 2288 | $70 + 10 \log_{10}(p)$ |
| 2288 - 2292 | $67 + 10 \log_{10}(p)$ |
| 2292 - 2296 | $61 + 10 \log_{10}(p)$ |
| 2296 - 2300 | $55 + 10 \log_{10}(p)$ |
| 2300 - 2305 | $43 + 10 \log_{10}(p)$ |
| 2305 - 2320 | $43 + 10 \log_{10}(p)$ ^{Note} |
| 2320 - 2324 | $55 + 10 \log_{10}(p)$ |
| 2324 - 2328 | $61 + 10 \log_{10}(p)$ |
| 2328 - 2337 | $67 + 10 \log_{10}(p)$ |
| 2337 - 2341 | $61 + 10 \log_{10}(p)$ |
| 2341 - 2345 | $55 + 10 \log_{10}(p)$ |
| 2345 - 2360 | $43 + 10 \log_{10}(p)$ ^{Note} |
| 2360 - 2365 | $43 + 10 \log_{10}(p)$ |
| 2365 - 2395 | $70 + 10 \log_{10}(p)$ |
| >2395 | $43 + 10 \log_{10}(p)$ |

Note: Measured at the edges of the highest and lowest frequency range(s) in which the equipment is designed to operate. See Section 5.2 for the permitted frequency ranges for various equipment types.

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

Member of SGS Group

According to RSS-199 §4.6

Equipment shall comply with the following unwanted emission limits:

- (a) for base station and fixed subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in dB) below the transmitter power, P (dBW), by at least $43 + 10 \log_{10} p$.
- (b) for mobile subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in dB) below the transmitter power, P (dBW), by at least:
- (i) $40 + 10 \log_{10} p$ from the channel edges to 5 MHz away
 - (ii) $43 + 10 \log_{10} p$ between 5 MHz and X MHz from the channel edges, and
 - (iii) $55 + 10 \log_{10} p$ at X MHz and beyond from the channel edges

In addition, the attenuation shall not be less than $43 + 10 \log_{10} p$ on all frequencies between 2490.5 MHz and 2496 MHz, and $55 + 10 \log_{10} p$ at or below 2490.5 MHz.

In (a) and (b), p is the transmitter power measured in watts and X is 6 MHz or the equipment occupied bandwidth, whichever is greater.

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

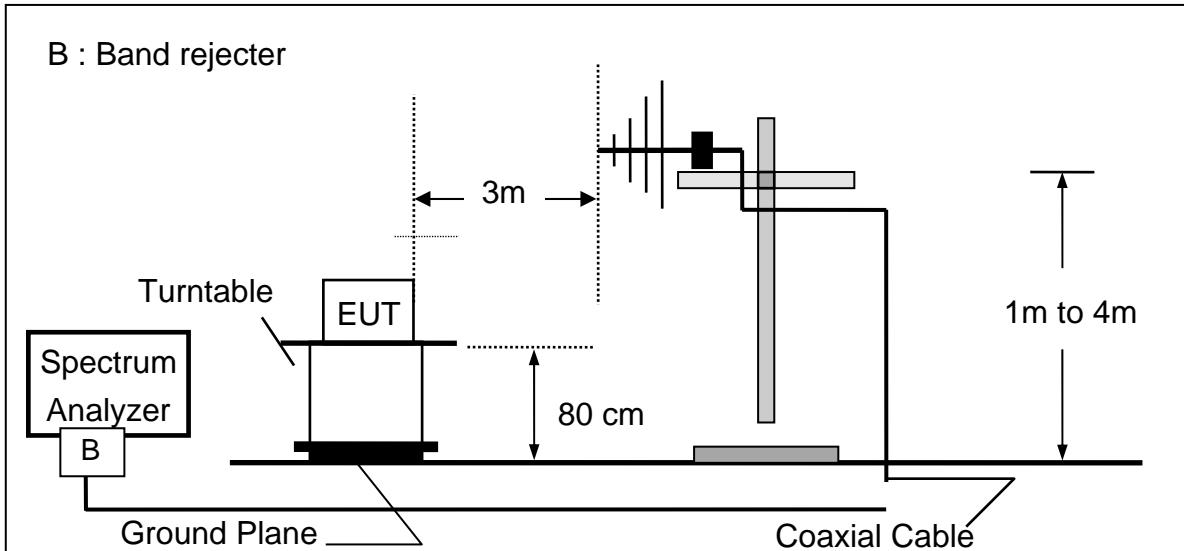
f (886-2) 2298-0488

www.tw.sgs.com

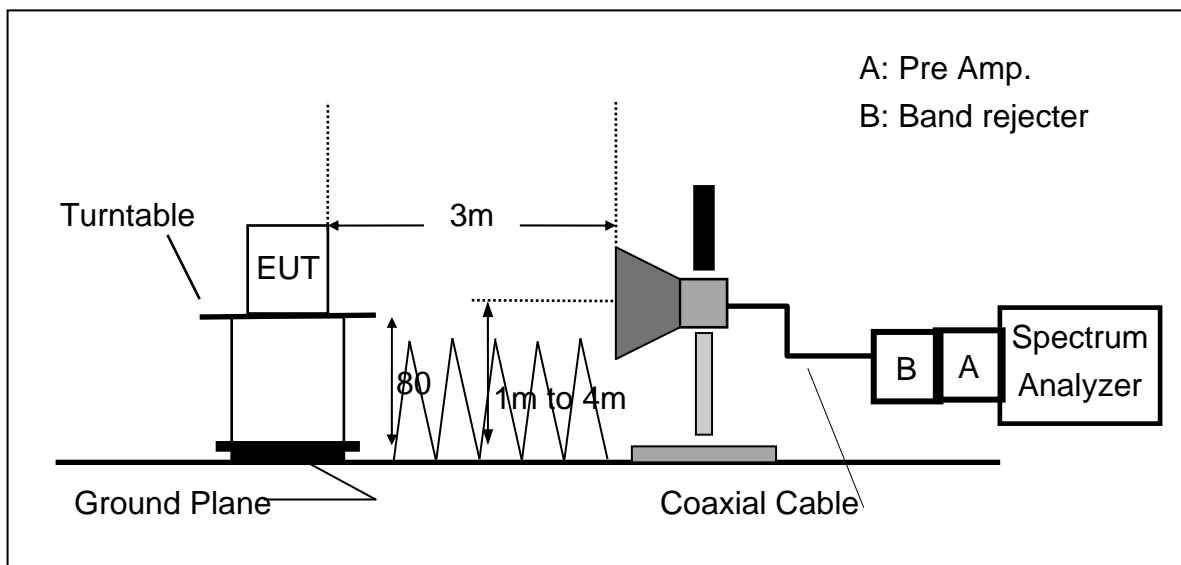
Member of SGS Group

10.2. EUT Setup

Radiated Emission Test Set-Up, Frequency Below 1000MHz



Radiated Emission Test Set-UP Frequency Over 1 GHz



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

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

10.3. Measurement Procedure:

The EUT was placed on a non-conductive; the measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

The frequency range up to tenth harmonic was investigated for each of three fundamental frequencies (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method.

The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.

$$\text{ERP (dBm)} = \text{SG Level(dBm)} + \text{Antenna Gain(dBd)} + \text{Cable Loss(dB)}$$

$$\text{EIRP (dBm)} = \text{SG Level(dBm)} + \text{Antenna Gain(dBi)} + \text{Cable Loss(dB)}$$

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.
“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.
“---” : denotes Noise Floor.

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

Member of SGS Group

10.4. Measurement Equipment Used:

| ERP, EIRP MEASUREMENT EQUIPMENT List 966 Chamber | | | | | |
|--|-----------------|--------------------------------|------------------|------------|------------|
| EQUIPMENT TYPE | MFR | MODEL NUMBER | SERIAL NUMBER | LAST CAL. | CAL DUE. |
| EMI Test Receiver | R&S | ESU 40 | 100363 | 04/18/2017 | 04/17/2018 |
| Broadband Antenna | TESEQ | CBL 6112D | 35240 | 11/03/2016 | 11/02/2017 |
| Broadband Antenna | TESEQ | CBL 6112D | 35243 | 11/09/2016 | 11/08/2017 |
| Horn Antenna | ETS-Lindgren | 3117 | 00143272 | 12/15/2016 | 12/16/2017 |
| Horn Antenna | ETS-Lindgren | 3117 | 143279 | 11/14/2016 | 11/13/2017 |
| Horn Antenna | Schwarzbeck | BBHA9170 | 184 | 12/11/2016 | 12/10/2017 |
| Horn Antenna | Schwarzbeck | BBHA9170 | 185 | 08/01/2017 | 07/31/2018 |
| Pre Amplifier | EMC Instruments | EMC330 | 980096 | 12/12/2016 | 12/11/2017 |
| Pre Amplifier | EMC Instruments | EMC0011830 | 980199 | 12/12/2016 | 12/11/2017 |
| Pre Amplifier | R&S | SCU-18 | 10204 | 12/12/2016 | 12/11/2017 |
| Pre Amplifier | R&S | SCU-26 | 100780 | 12/12/2016 | 12/11/2017 |
| Pre Amplifier | EMC Instruments | EMC184045B | 980135 | 12/12/2016 | 12/11/2017 |
| Coaxial Cable | Huber+Suhner | RG 214/U | 966Rx 9K-30M | 12/12/2016 | 12/11/2017 |
| Coaxial Cable | Huber+Suhner | RG 214/U SUCOFLEX 104 | 966Rx 30M-3G | 12/12/2016 | 12/11/2017 |
| Coaxial Cable | Huber+Suhner | SUCOFLEX 104 | 966Rx 1G-18G | 12/12/2016 | 12/11/2017 |
| Coaxial Cable | Huber+Suhner | mini 141-12 SUCOFLEX 104 | 966Rx 18G-40G | 12/12/2016 | 12/11/2017 |
| Coaxial Cable | Huber+Suhner | SUCOFLEX 104 | 966Tx 30M-18G | 12/12/2016 | 12/11/2017 |
| Coaxial Cable | Huber+Suhner | SUCOFLEX 102 | 966Tx 18G-40G | 12/12/2016 | 12/11/2017 |
| Attenuator | WOKEN | 218FS-10 | RF27 | 12/12/2016 | 12/11/2017 |
| Communication Tester | Anritsu | MT8820C | 6201107337 | 05/25/2017 | 05/24/2018 |
| Site NSA | SGS | 966 Chamber C | SAC-C | 03/02/2017 | 03/01/2018 |
| Site VSWR | SGS | 966 Chamber C | SAC-C | 03/02/2017 | 03/01/2018 |
| DC Power Supply | HOLA | DP-3003 | D7070035 | 05/04/2017 | 05/03/2018 |
| Controller | MF | MF-7802 | N/A | N.C.R. | N.C.R. |
| Antenna Master | MF | N/A | N/A | N.C.R. | N.C.R. |
| Turn Table | MF | N/A | N/A | N.C.R. | N.C.R. |
| Test Software | World-Pallas | Dr. E | V 3.0 Lite | N.C.R. | N.C.R. |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

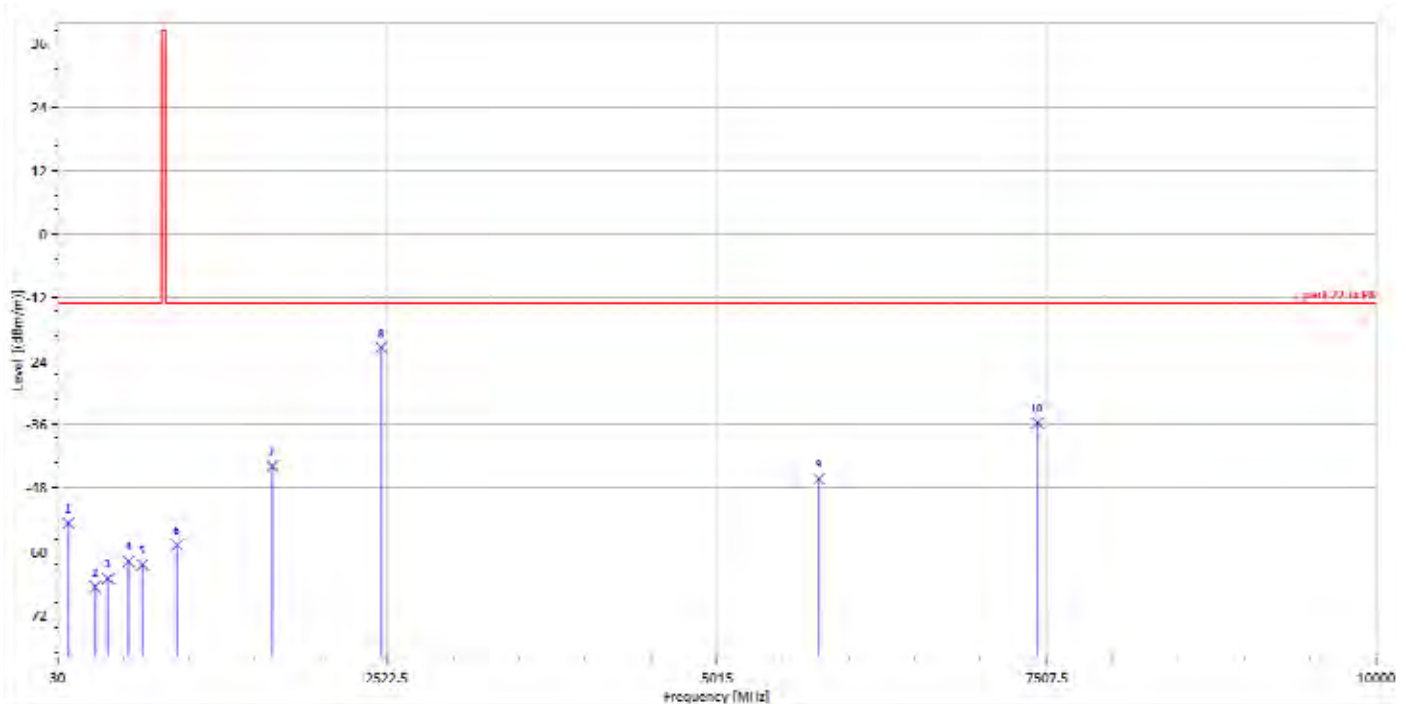
www.tw.sgs.com

Member of SGS Group

10.5. Measurement Result:

Radiated Spurious Emission Measurement Result: GPRS 850 Mode (The Worst Case)

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| Operation Mode : | GPRS850 | Test Date : | 2017/9/28 |
| Fundamental Frequency : | 824.2 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



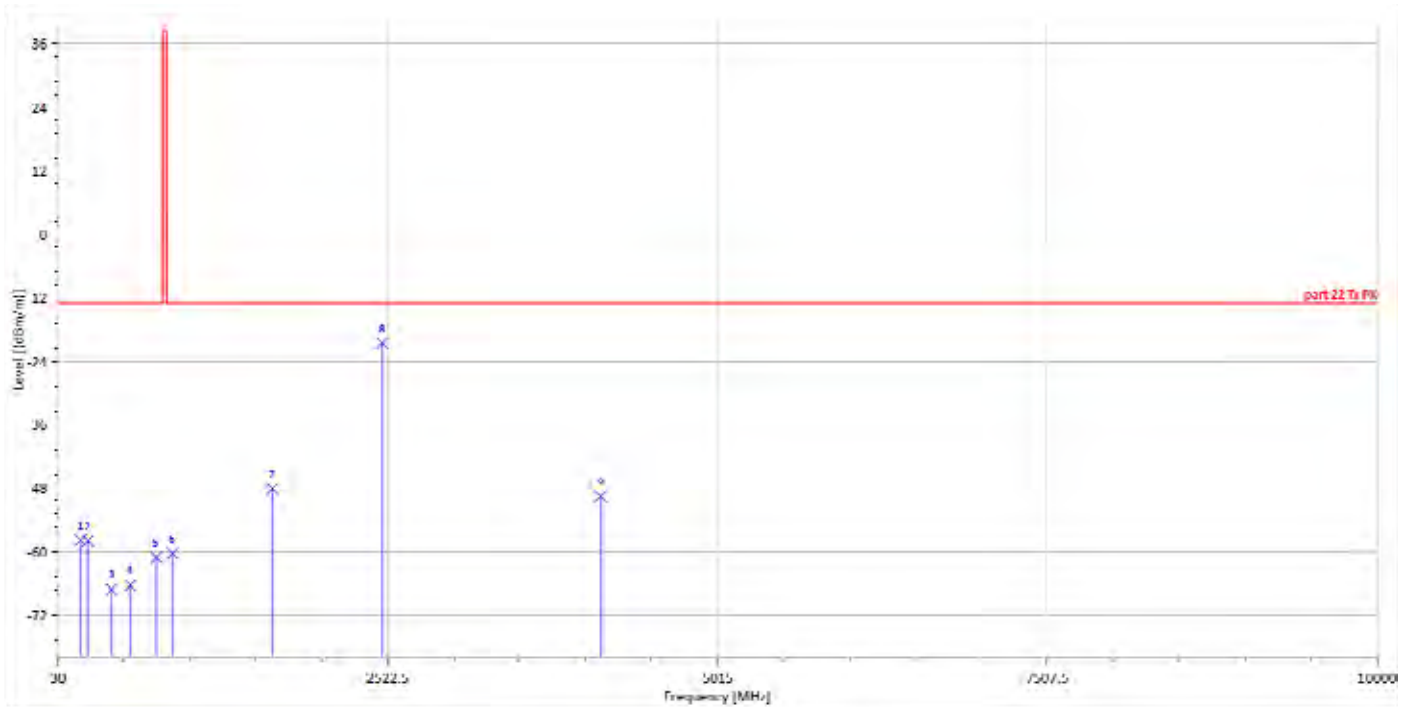
| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 113.42 | S | -54.55 | -49.59 | -3.49 | -1.47 | -13 | -41.55 |
| 319.06 | S | -66.69 | -67.61 | 3.48 | -2.56 | -13 | -53.69 |
| 414.12 | S | -65.18 | -65.57 | 3.32 | -2.93 | -13 | -52.18 |
| 566.41 | S | -61.90 | -62.53 | 4.08 | -3.45 | -13 | -48.90 |
| 673.11 | S | -62.51 | -63.59 | 4.82 | -3.75 | -13 | -49.51 |
| 937.92 | S | -58.74 | -59.62 | 5.37 | -4.49 | -13 | -45.74 |
| 1652.80 | H | -43.83 | -43.96 | 6.59 | -6.46 | -13 | -30.83 |
| 2479.20 | H | -21.47 | -22.20 | 8.53 | -7.81 | -13 | -8.47 |
| 5784.80 | H | -46.27 | -46.65 | 10.91 | -10.53 | -13 | -33.27 |
| 7437.60 | H | -35.76 | -33.47 | 9.24 | -11.52 | -13 | -22.76 |

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

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

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

Operation Mode : GPRS850 Test Date : 2017/9/28
 Fundamental Frequency : 824.2 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Low Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 199.75 | S | -57.79 | -59.59 | 3.79 | -1.99 | -13 | -44.79 |
| 254.07 | S | -57.93 | -58.17 | 2.51 | -2.27 | -13 | -44.93 |
| 435.46 | S | -67.13 | -67.63 | 3.50 | -3.00 | -13 | -54.13 |
| 579.02 | S | -66.39 | -67.07 | 4.17 | -3.49 | -13 | -53.39 |
| 772.05 | S | -61.12 | -62.29 | 5.19 | -4.02 | -13 | -48.12 |
| 896.21 | S | -60.37 | -61.19 | 5.23 | -4.40 | -13 | -47.37 |
| 1652.80 | H | -48.13 | -48.26 | 6.59 | -6.46 | -13 | -35.13 |
| 2479.20 | H | -20.62 | -21.34 | 8.53 | -7.81 | -13 | -7.62 |
| 4132.00 | H | -49.59 | -50.78 | 10.45 | -9.26 | -13 | -36.59 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

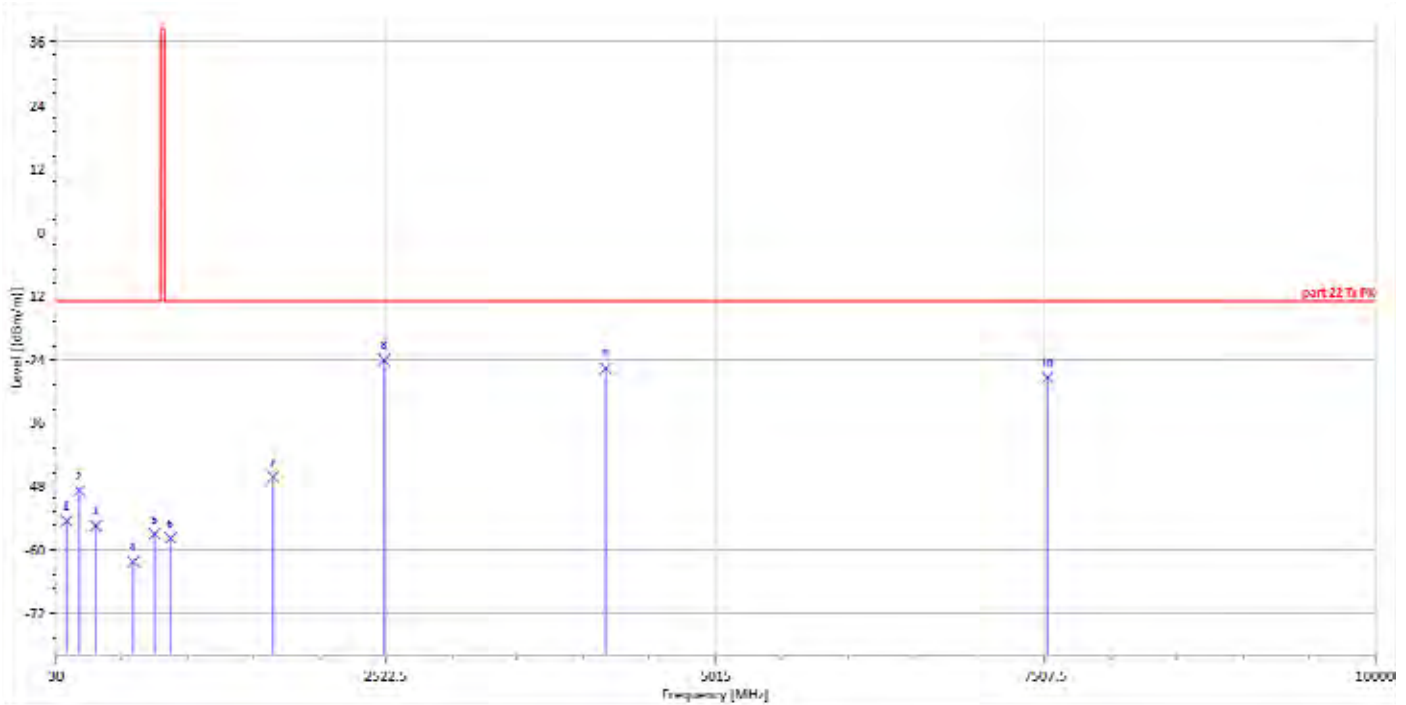
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : GPRS850 Test Date : 2017/9/28
 Fundamental Frequency : 836.6 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 108.57 | S | -54.54 | -49.52 | -3.57 | -1.44 | -13 | -41.54 |
| 205.57 | S | -48.85 | -50.74 | 3.90 | -2.02 | -13 | -35.85 |
| 330.70 | S | -55.46 | -56.32 | 3.46 | -2.60 | -13 | -42.46 |
| 616.85 | S | -62.31 | -63.11 | 4.42 | -3.62 | -13 | -49.31 |
| 773.02 | S | -56.99 | -58.16 | 5.19 | -4.02 | -13 | -43.99 |
| 896.21 | S | -57.80 | -58.63 | 5.23 | -4.40 | -13 | -44.80 |
| 1673.20 | H | -46.24 | -46.42 | 6.68 | -6.50 | -13 | -33.24 |
| 2509.80 | H | -24.12 | -24.84 | 8.56 | -7.84 | -13 | -11.12 |
| 4183.00 | H | -25.65 | -26.80 | 10.45 | -9.30 | -13 | -12.65 |
| 7529.40 | H | -27.47 | -25.05 | 9.15 | -11.57 | -13 | -14.47 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

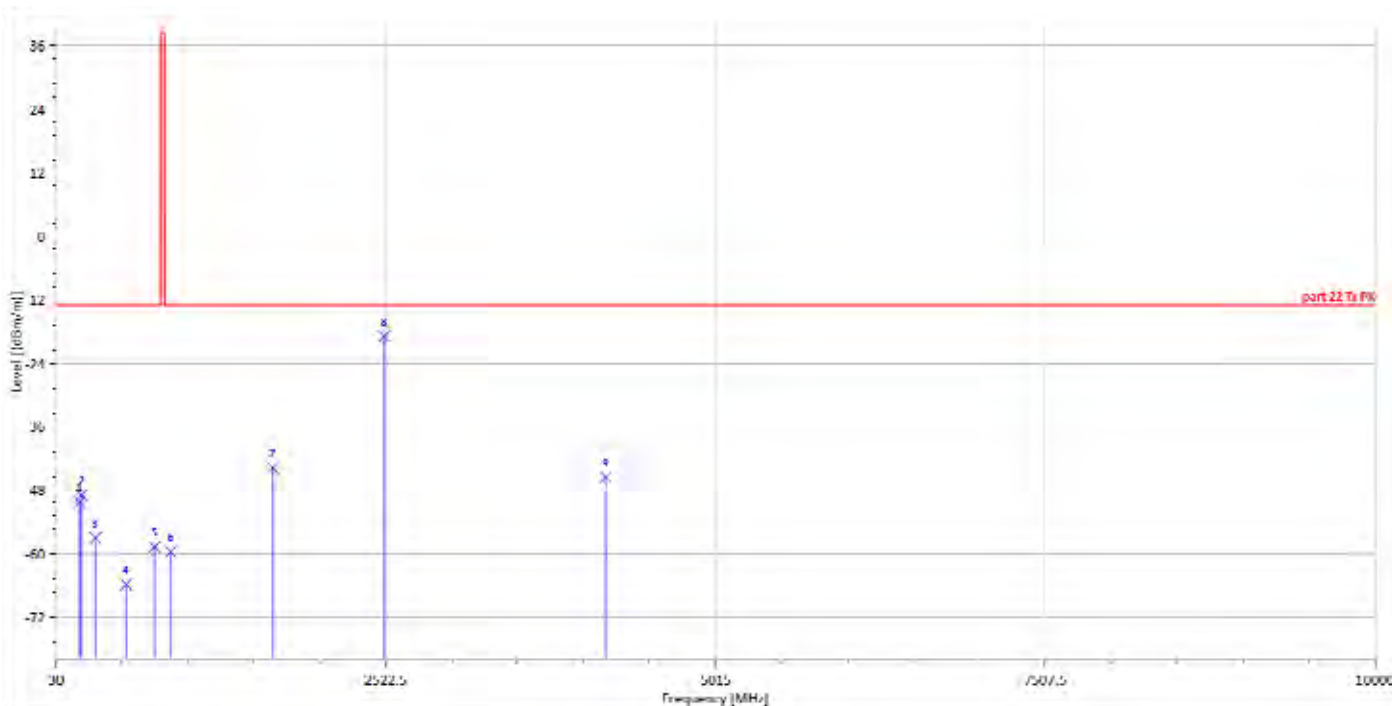
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : GPRS850 Test Date : 2017/9/28
 Fundamental Frequency : 836.6 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 206.54 | S | -50.30 | -52.20 | 3.92 | -2.02 | -13 | -37.30 |
| 221.09 | S | -48.99 | -50.86 | 3.96 | -2.10 | -13 | -35.99 |
| 328.76 | S | -57.01 | -57.88 | 3.47 | -2.60 | -13 | -44.01 |
| 563.50 | S | -65.91 | -66.53 | 4.06 | -3.44 | -13 | -52.91 |
| 773.02 | S | -58.72 | -59.89 | 5.19 | -4.02 | -13 | -45.72 |
| 897.18 | S | -59.65 | -60.47 | 5.23 | -4.40 | -13 | -46.65 |
| 1673.20 | H | -43.75 | -43.93 | 6.68 | -6.50 | -13 | -30.75 |
| 2509.80 | H | -18.93 | -19.65 | 8.56 | -7.84 | -13 | -5.93 |
| 4183.00 | H | -45.56 | -46.71 | 10.45 | -9.30 | -13 | -32.56 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

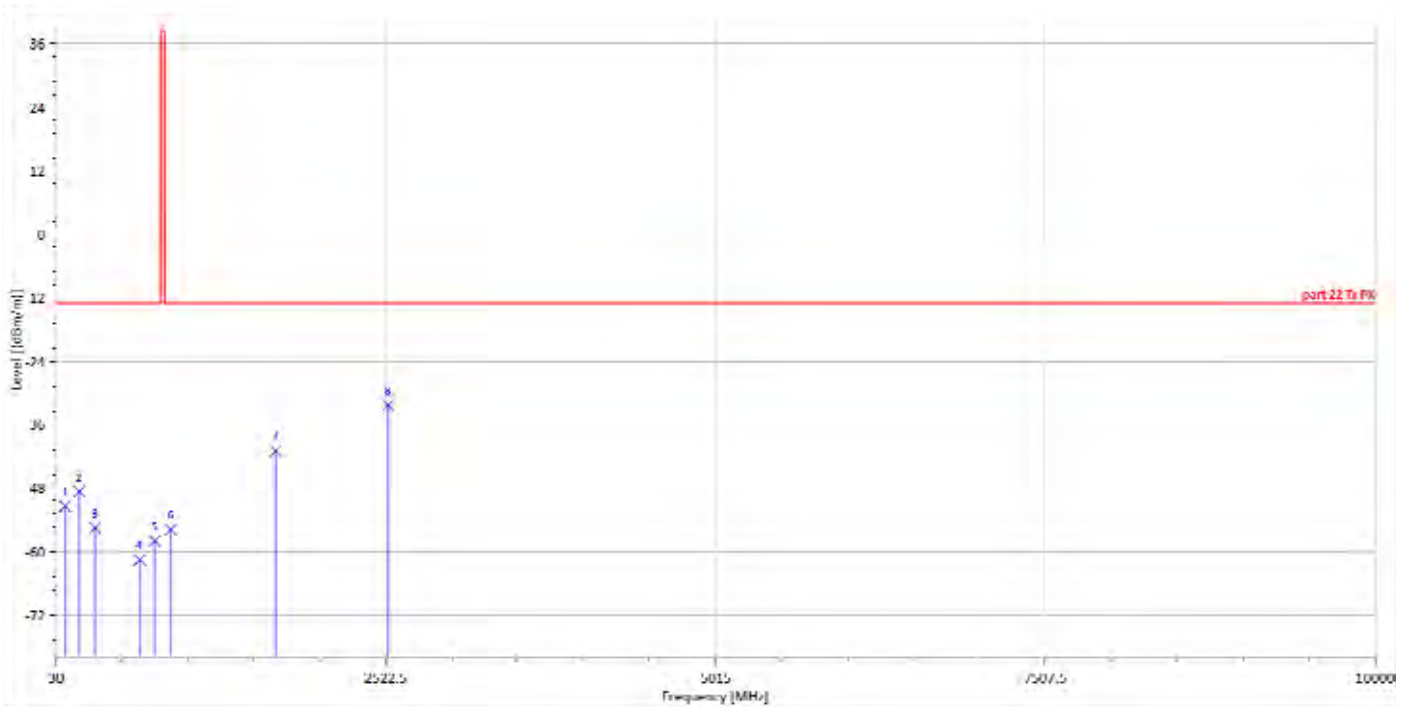
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : GPRS850 Test Date : 2017/9/28
 Fundamental Frequency : 848.8 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH High Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 96.93 | S | -51.45 | -47.08 | -3.01 | -1.36 | -13 | -38.45 |
| 204.60 | S | -48.70 | -50.57 | 3.88 | -2.01 | -13 | -35.70 |
| 325.85 | S | -55.47 | -56.36 | 3.47 | -2.58 | -13 | -42.47 |
| 661.47 | S | -61.62 | -62.62 | 4.72 | -3.72 | -13 | -48.62 |
| 773.02 | S | -57.90 | -59.07 | 5.19 | -4.02 | -13 | -44.90 |
| 897.18 | S | -55.80 | -56.63 | 5.23 | -4.40 | -13 | -42.80 |
| 1693.20 | H | -40.89 | -41.10 | 6.76 | -6.55 | -13 | -27.89 |
| 2539.80 | H | -32.33 | -33.05 | 8.60 | -7.87 | -13 | -19.33 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

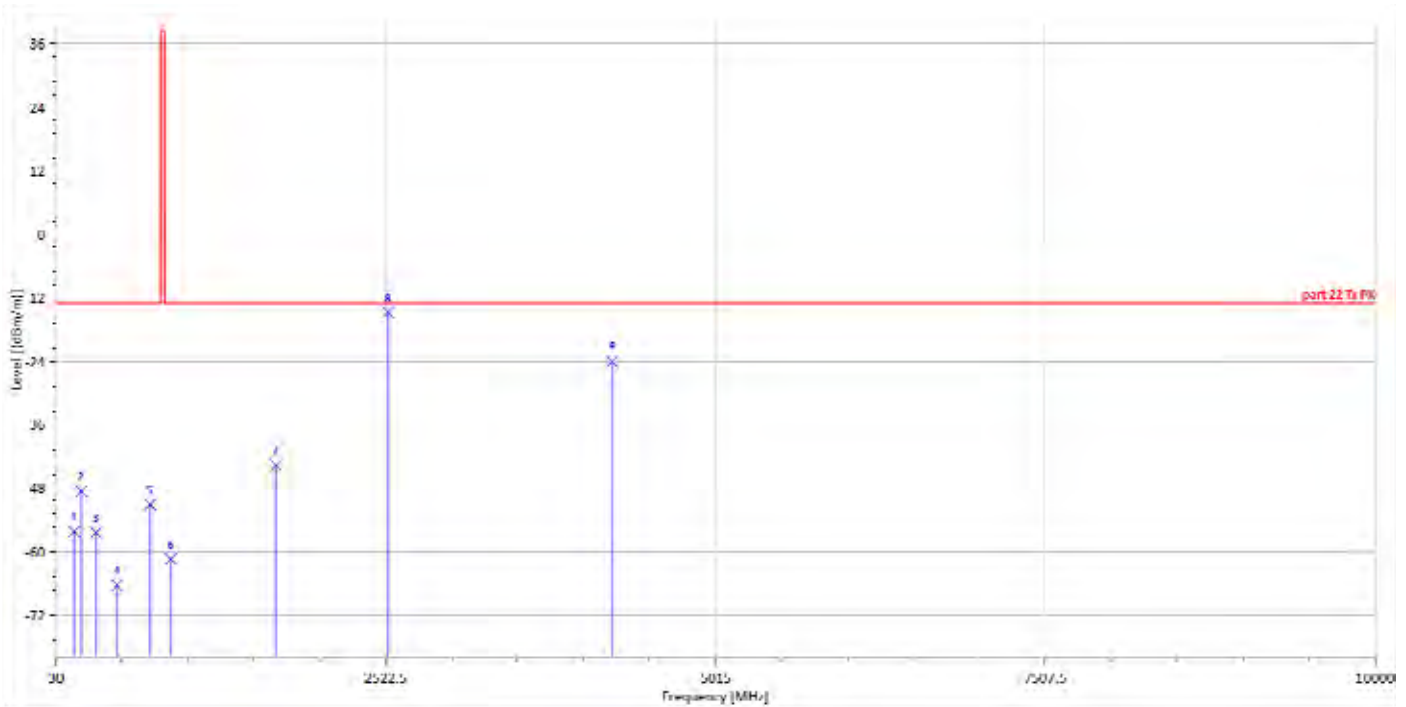
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : GPRS850 Test Date : 2017/9/28
 Fundamental Frequency : 848.8 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH High Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 165.80 | S | -56.15 | -56.39 | 2.05 | -1.80 | -13 | -43.15 |
| 220.12 | S | -48.61 | -50.52 | 4.00 | -2.09 | -13 | -35.61 |
| 332.64 | S | -56.36 | -57.21 | 3.46 | -2.61 | -13 | -43.36 |
| 493.66 | S | -66.37 | -67.15 | 3.99 | -3.20 | -13 | -53.37 |
| 740.04 | S | -51.16 | -52.39 | 5.14 | -3.91 | -13 | -38.16 |
| 898.15 | S | -61.41 | -62.24 | 5.23 | -4.41 | -13 | -48.41 |
| 1693.20 | H | -43.65 | -43.86 | 6.76 | -6.55 | -13 | -30.65 |
| 2539.80 | H | -14.70 | -15.42 | 8.60 | -7.87 | -13 | -1.70 |
| 4233.00 | H | -24.04 | -25.14 | 10.45 | -9.35 | -13 | -11.04 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

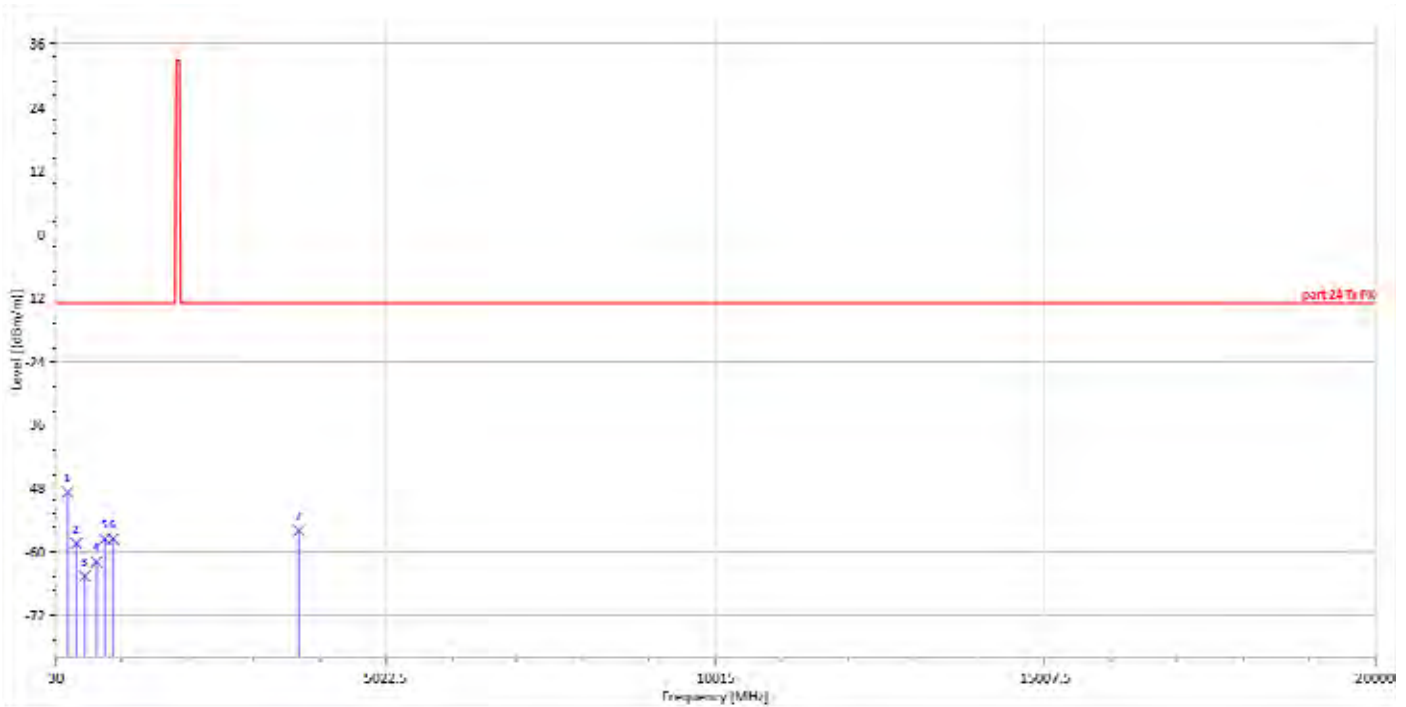
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: GSM 1900 Mode (The Worst Case)

| | | | |
|-------------------------|------------|----------------------------|----------------|
| Operation Mode : | GSM 1900 | Test Date : | 2017/9/28 |
| Fundamental Frequency : | 1850.2 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. | Note | ERP/EIRP | SG Output | Antenna | Cable | Limit | Margin |
|---------|---------|----------|-----------|---------|-------|--------|--------|
| MHz | F/H/E/S | dBm | Level | Gain | Loss | @3m | dB |
| | | | dBm | dBd/dBi | dB | dBm/m | |
| 202.66 | S | -48.81 | -52.62 | 5.82 | -2.00 | -13.01 | -35.80 |
| 334.58 | S | -58.47 | -61.80 | 5.95 | -2.62 | -13.01 | -45.46 |
| 464.56 | S | -64.71 | -67.95 | 6.34 | -3.09 | -13.01 | -51.70 |
| 645.95 | S | -61.95 | -65.42 | 7.15 | -3.69 | -13.01 | -48.94 |
| 773.02 | S | -57.57 | -61.29 | 7.74 | -4.02 | -13.01 | -44.56 |
| 897.18 | S | -57.57 | -61.05 | 7.89 | -4.40 | -13.01 | -44.56 |
| 3700.40 | H | -55.99 | -59.51 | 12.42 | -8.90 | -13.01 | -42.98 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

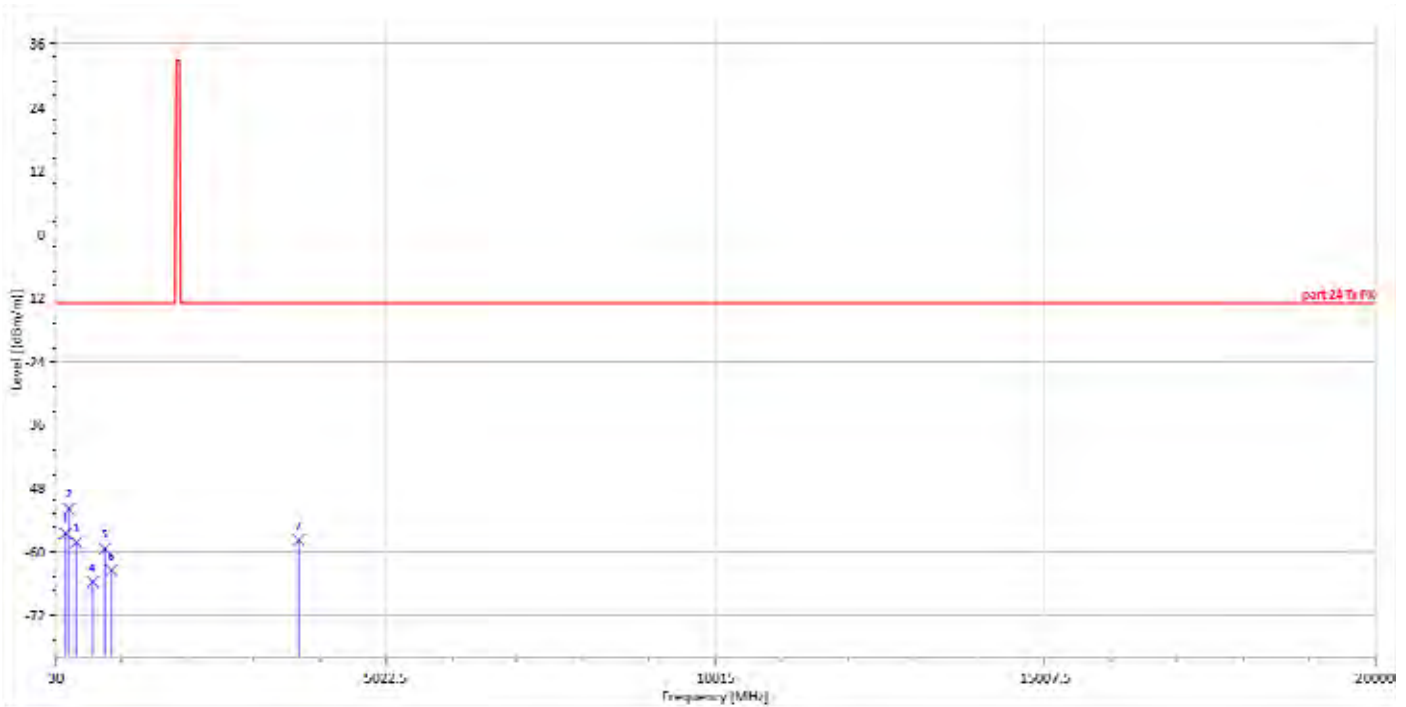
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : GSM 1900 Test Date : 2017/9/28
 Fundamental Frequency : 1850.2 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Low Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 168.71 | S | -56.53 | -58.88 | 4.17 | -1.82 | -13.01 | -43.52 |
| 222.06 | S | -51.95 | -56.14 | 6.29 | -2.10 | -13.01 | -38.94 |
| 333.61 | S | -58.23 | -61.56 | 5.95 | -2.61 | -13.01 | -45.22 |
| 585.81 | S | -65.81 | -69.14 | 6.84 | -3.51 | -13.01 | -52.80 |
| 773.02 | S | -59.48 | -63.19 | 7.74 | -4.02 | -13.01 | -46.47 |
| 871.96 | S | -63.58 | -67.08 | 7.84 | -4.34 | -13.01 | -50.57 |
| 3700.40 | H | -57.76 | -61.28 | 12.42 | -8.90 | -13.01 | -44.75 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

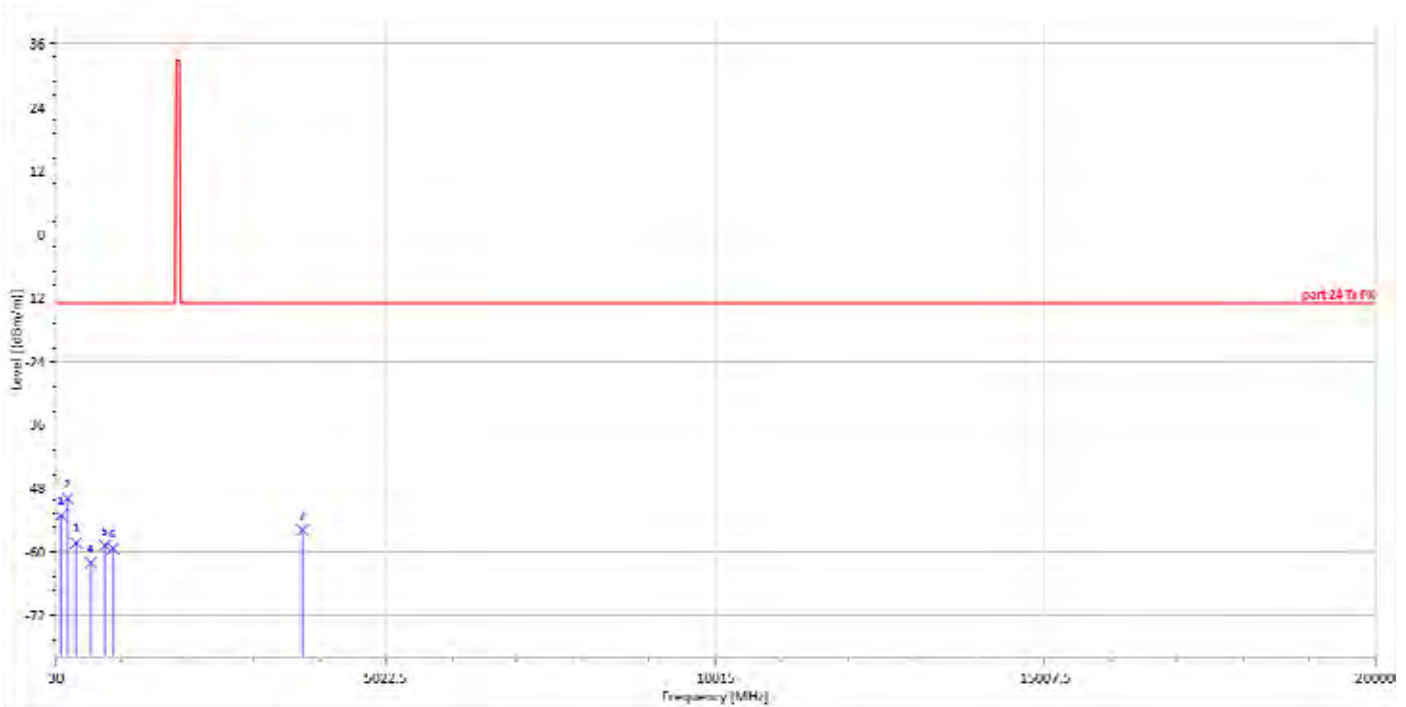
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : GSM 1900 Test Date : 2017/9/28
 Fundamental Frequency : 1880 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 104.69 | S | -53.14 | -50.26 | -1.46 | -1.41 | -13.01 | -40.13 |
| 202.66 | S | -50.00 | -53.82 | 5.82 | -2.00 | -13.01 | -36.99 |
| 330.70 | S | -58.33 | -61.66 | 5.94 | -2.60 | -13.01 | -45.32 |
| 557.68 | S | -62.14 | -65.30 | 6.59 | -3.43 | -13.01 | -49.13 |
| 773.02 | S | -58.83 | -62.54 | 7.74 | -4.02 | -13.01 | -45.82 |
| 897.18 | S | -59.43 | -62.91 | 7.89 | -4.40 | -13.01 | -46.42 |
| 3760.00 | H | -55.90 | -59.42 | 12.46 | -8.94 | -13.01 | -42.89 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

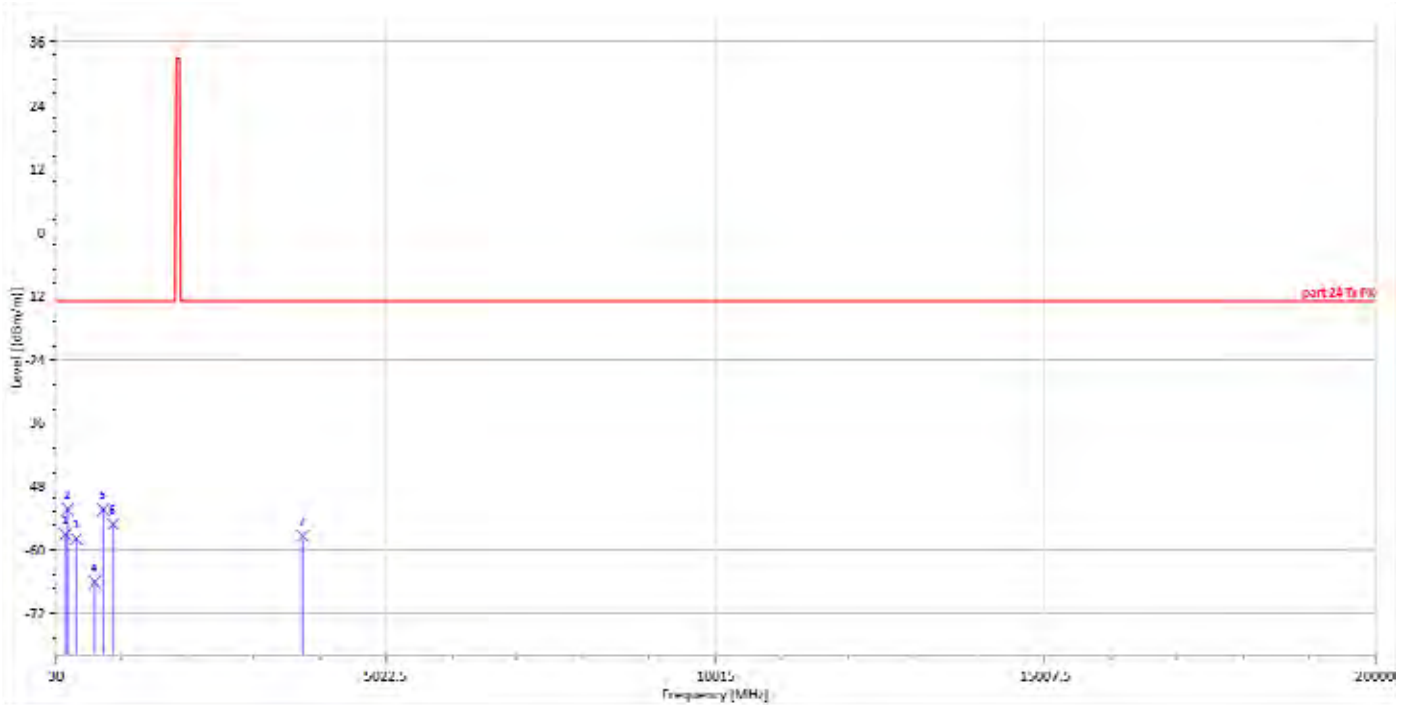
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : GSM 1900 Test Date : 2017/9/28
 Fundamental Frequency : 1880 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 168.71 | S | -57.09 | -59.44 | 4.17 | -1.82 | -13.01 | -44.08 |
| 201.69 | S | -52.41 | -56.20 | 5.79 | -2.00 | -13.01 | -39.40 |
| 334.58 | S | -57.94 | -61.27 | 5.95 | -2.62 | -13.01 | -44.93 |
| 616.85 | S | -66.19 | -69.61 | 7.04 | -3.62 | -13.01 | -53.18 |
| 747.80 | S | -52.44 | -56.22 | 7.71 | -3.93 | -13.01 | -39.43 |
| 897.18 | S | -55.17 | -58.65 | 7.89 | -4.40 | -13.01 | -42.16 |
| 3760.00 | H | -57.41 | -60.93 | 12.46 | -8.94 | -13.01 | -44.40 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

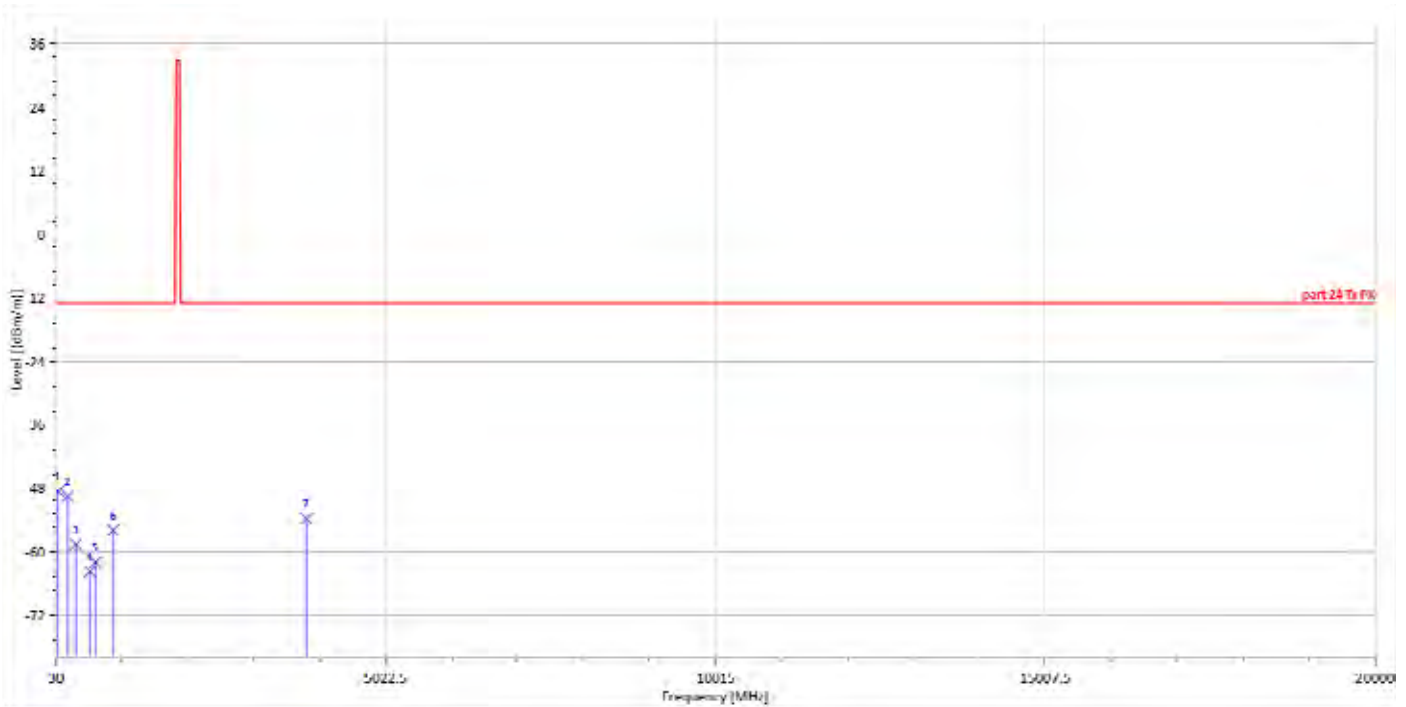
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : GSM 1900 Test Date : 2017/9/28
 Fundamental Frequency : 1909.8 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH High Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 62.98 | S | -48.64 | -46.74 | -0.83 | -1.08 | -13.01 | -35.63 |
| 202.66 | S | -49.57 | -53.38 | 5.82 | -2.00 | -13.01 | -36.56 |
| 328.76 | S | -58.62 | -61.95 | 5.93 | -2.60 | -13.01 | -45.61 |
| 544.10 | S | -63.82 | -66.94 | 6.51 | -3.39 | -13.01 | -50.81 |
| 629.46 | S | -62.05 | -65.49 | 7.09 | -3.65 | -13.01 | -49.04 |
| 900.09 | S | -55.90 | -59.38 | 7.89 | -4.41 | -13.01 | -42.89 |
| 3819.60 | H | -53.69 | -57.20 | 12.49 | -8.98 | -13.01 | -40.68 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

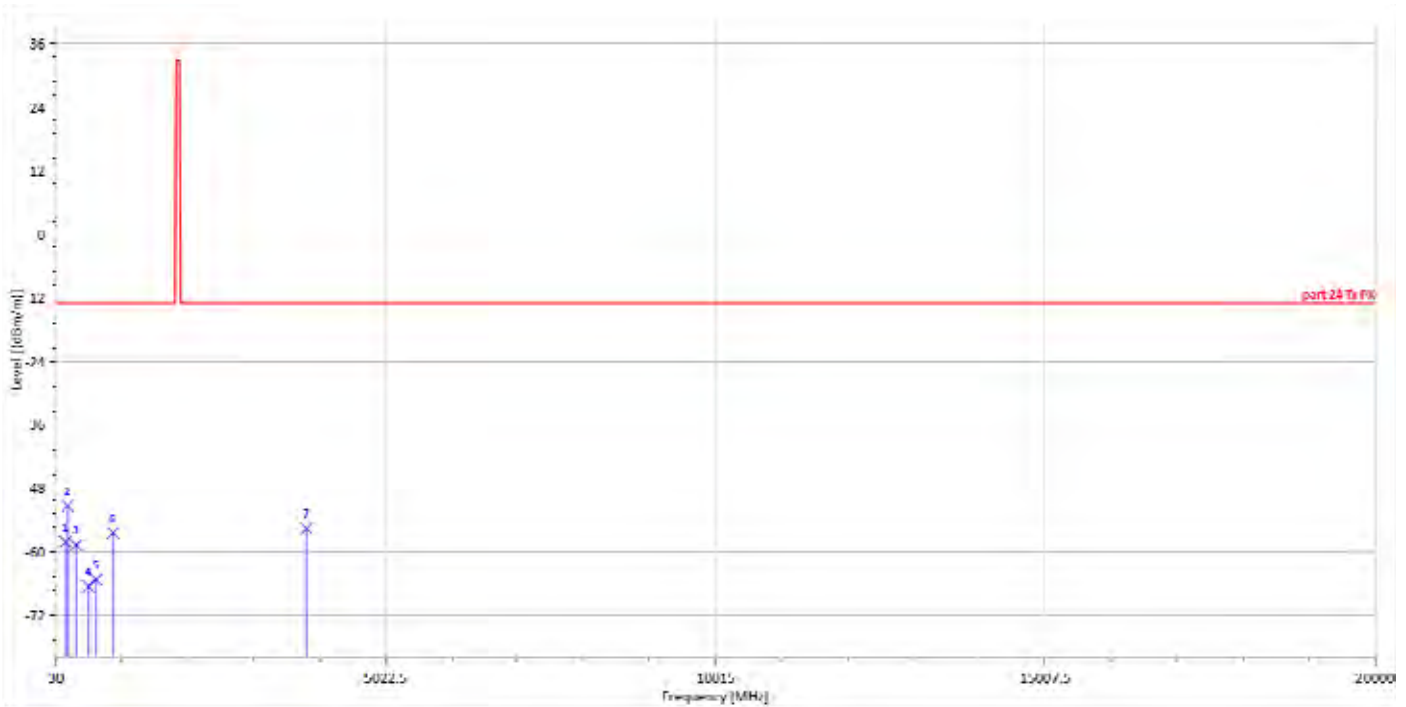
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : GSM 1900 Test Date : 2017/9/28
 Fundamental Frequency : 1909.8 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH High Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 170.65 | S | -58.15 | -60.71 | 4.39 | -1.83 | -13.01 | -45.14 |
| 204.60 | S | -51.39 | -55.26 | 5.88 | -2.01 | -13.01 | -38.38 |
| 332.64 | S | -58.75 | -62.08 | 5.94 | -2.61 | -13.01 | -45.74 |
| 520.82 | S | -66.55 | -69.74 | 6.50 | -3.31 | -13.01 | -53.54 |
| 638.19 | S | -65.38 | -68.83 | 7.12 | -3.67 | -13.01 | -52.37 |
| 897.18 | S | -56.44 | -59.93 | 7.89 | -4.40 | -13.01 | -43.43 |
| 3819.60 | H | -55.61 | -59.12 | 12.49 | -8.98 | -13.01 | -42.60 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

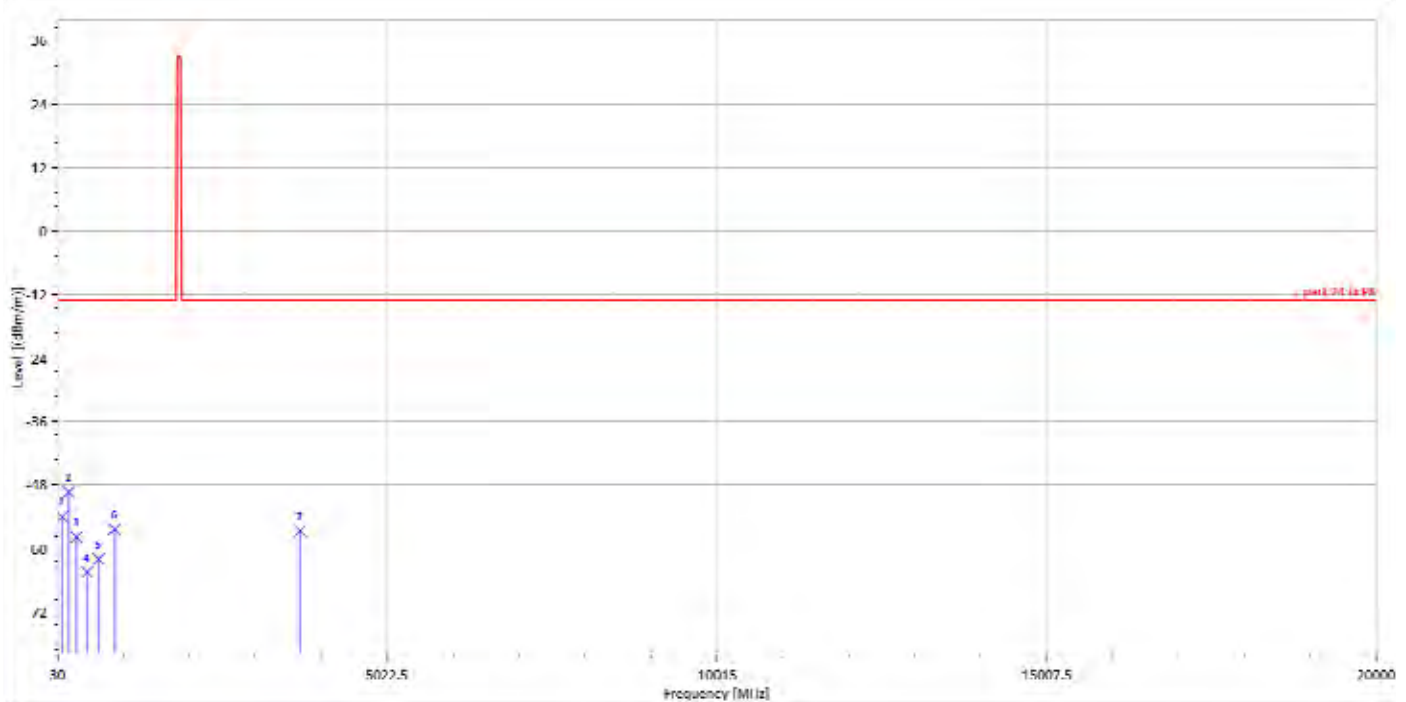
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: WCDMA Band 2 Mode

| | | | |
|-------------------------|------------|----------------------------|----------------|
| Operation Mode : | WCDMA B2 | Test Date : | 2017/9/28 |
| Fundamental Frequency : | 1852.4 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 101.78 | S | -53.94 | -51.19 | -1.36 | -1.39 | -13.01 | -40.93 |
| 202.66 | S | -49.36 | -53.17 | 5.82 | -2.00 | -13.01 | -36.35 |
| 322.94 | S | -57.81 | -61.16 | 5.92 | -2.57 | -13.01 | -44.80 |
| 484.93 | S | -64.50 | -67.75 | 6.42 | -3.17 | -13.01 | -51.49 |
| 659.53 | S | -62.00 | -65.55 | 7.27 | -3.72 | -13.01 | -48.99 |
| 896.21 | S | -56.29 | -59.78 | 7.89 | -4.40 | -13.01 | -43.28 |
| 3704.80 | H | -56.63 | -60.15 | 12.42 | -8.90 | -13.01 | -43.62 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

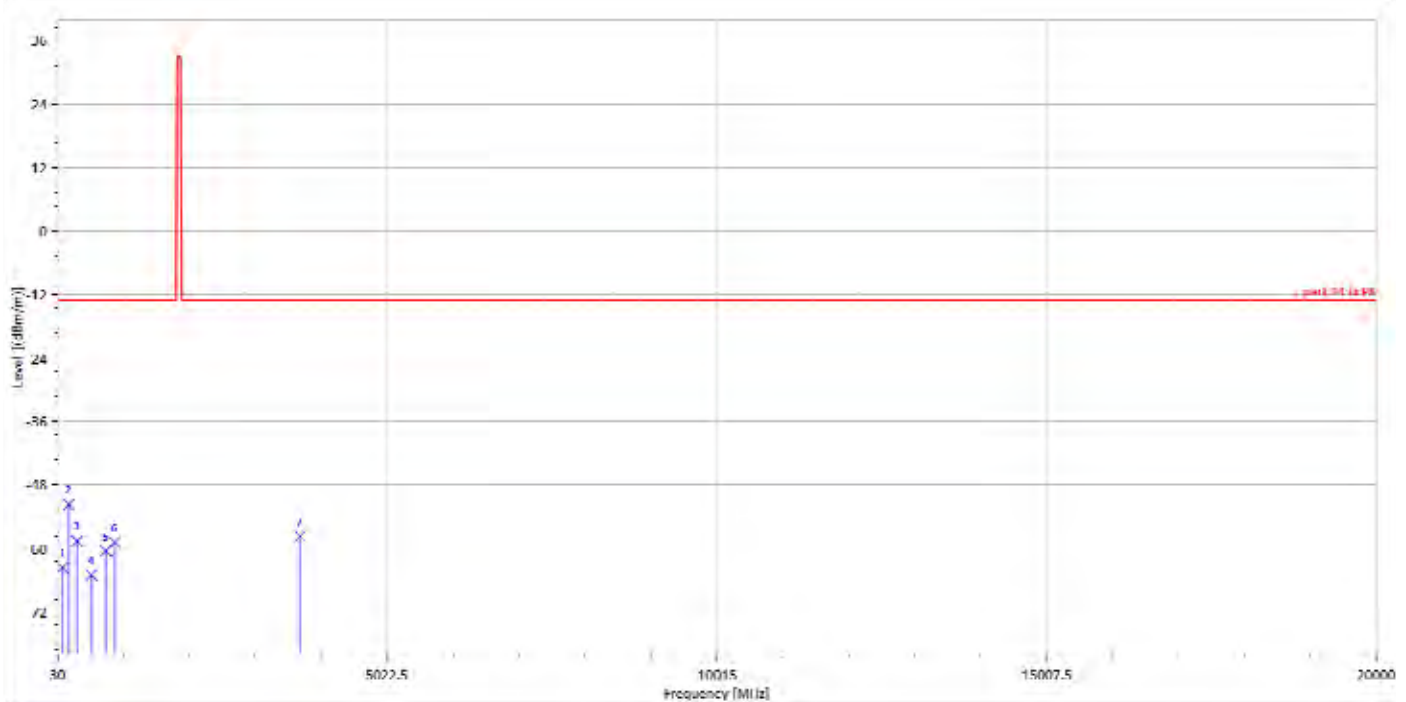
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : WCDMA B2 Test Date : 2017/9/28
 Fundamental Frequency : 1852.4 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Low Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 105.66 | S | -63.66 | -60.74 | -1.50 | -1.42 | -13.01 | -50.65 |
| 202.66 | S | -51.70 | -55.51 | 5.82 | -2.00 | -13.01 | -38.69 |
| 330.70 | S | -58.59 | -61.93 | 5.94 | -2.60 | -13.01 | -45.58 |
| 551.86 | S | -65.07 | -68.19 | 6.53 | -3.41 | -13.01 | -52.06 |
| 773.02 | S | -60.44 | -64.16 | 7.74 | -4.02 | -13.01 | -47.43 |
| 896.21 | S | -58.78 | -62.27 | 7.89 | -4.40 | -13.01 | -45.77 |
| 3704.80 | H | -57.65 | -61.17 | 12.42 | -8.90 | -13.01 | -44.64 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

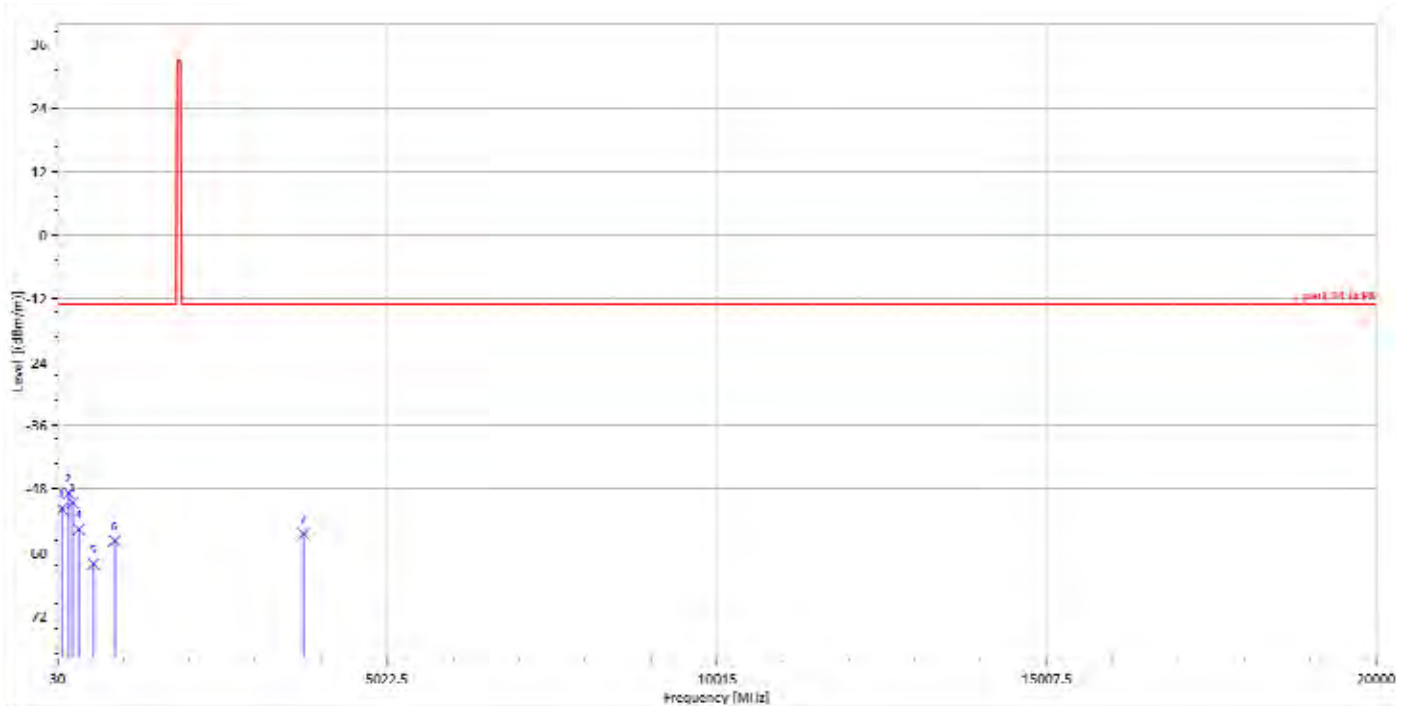
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : WCDMA B2 Test Date : 2017/9/28
 Fundamental Frequency : 1880 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 100.81 | S | -51.74 | -49.04 | -1.32 | -1.39 | -13.01 | -38.73 |
| 202.66 | S | -48.85 | -52.66 | 5.82 | -2.00 | -13.01 | -35.84 |
| 264.74 | S | -50.62 | -53.20 | 4.90 | -2.32 | -13.01 | -37.61 |
| 359.80 | S | -55.55 | -58.79 | 5.94 | -2.71 | -13.01 | -42.54 |
| 581.93 | S | -62.16 | -65.47 | 6.81 | -3.50 | -13.01 | -49.15 |
| 898.15 | S | -57.72 | -61.21 | 7.89 | -4.41 | -13.01 | -44.71 |
| 3760.00 | H | -56.46 | -59.97 | 12.46 | -8.94 | -13.01 | -43.45 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

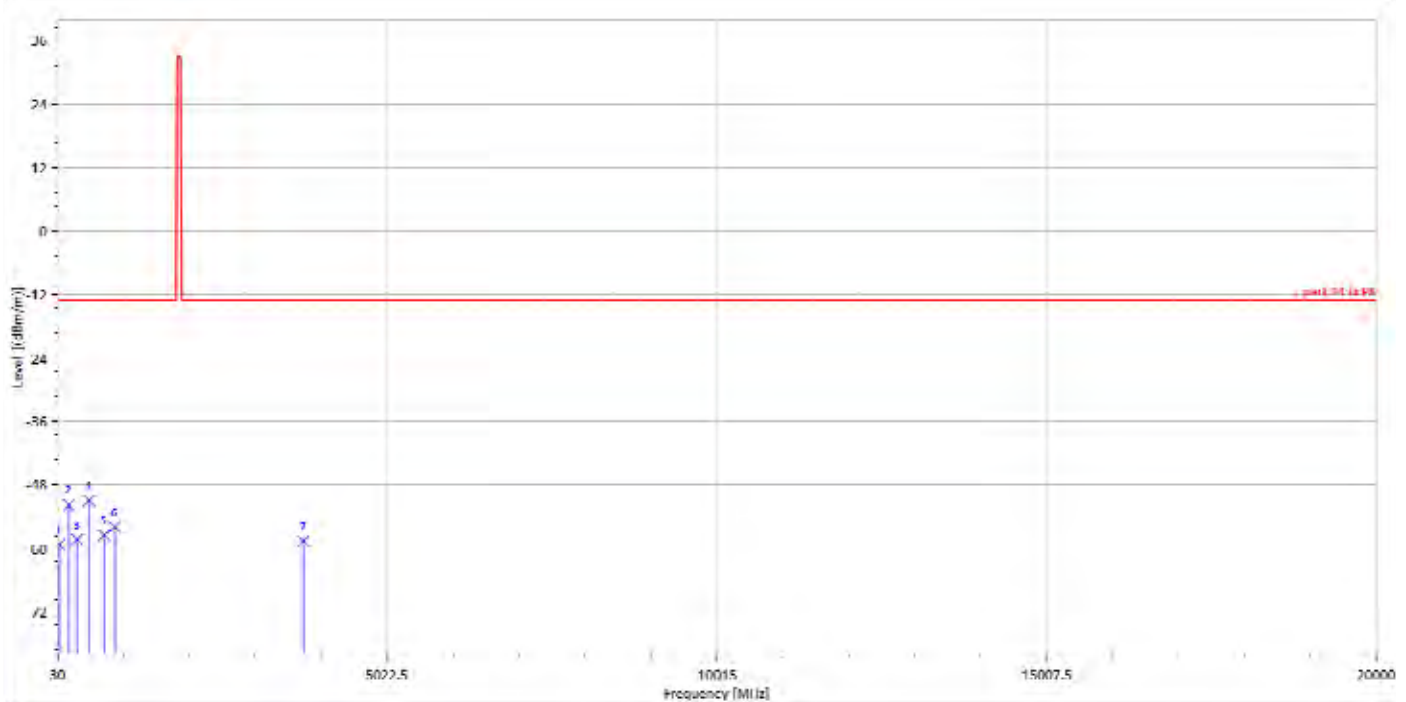
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : WCDMA B2 Test Date : 2017/9/28
 Fundamental Frequency : 1880 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 59.10 | S | -59.25 | -56.63 | -1.58 | -1.04 | -13.01 | -46.24 |
| 204.60 | S | -51.78 | -55.65 | 5.88 | -2.01 | -13.01 | -38.77 |
| 331.67 | S | -58.27 | -61.60 | 5.94 | -2.61 | -13.01 | -45.26 |
| 514.03 | S | -50.99 | -54.20 | 6.50 | -3.28 | -13.01 | -37.98 |
| 746.83 | S | -57.41 | -61.19 | 7.71 | -3.93 | -13.01 | -44.40 |
| 897.18 | S | -55.85 | -59.34 | 7.89 | -4.40 | -13.01 | -42.84 |
| 3760.00 | H | -58.57 | -62.08 | 12.46 | -8.94 | -13.01 | -45.56 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

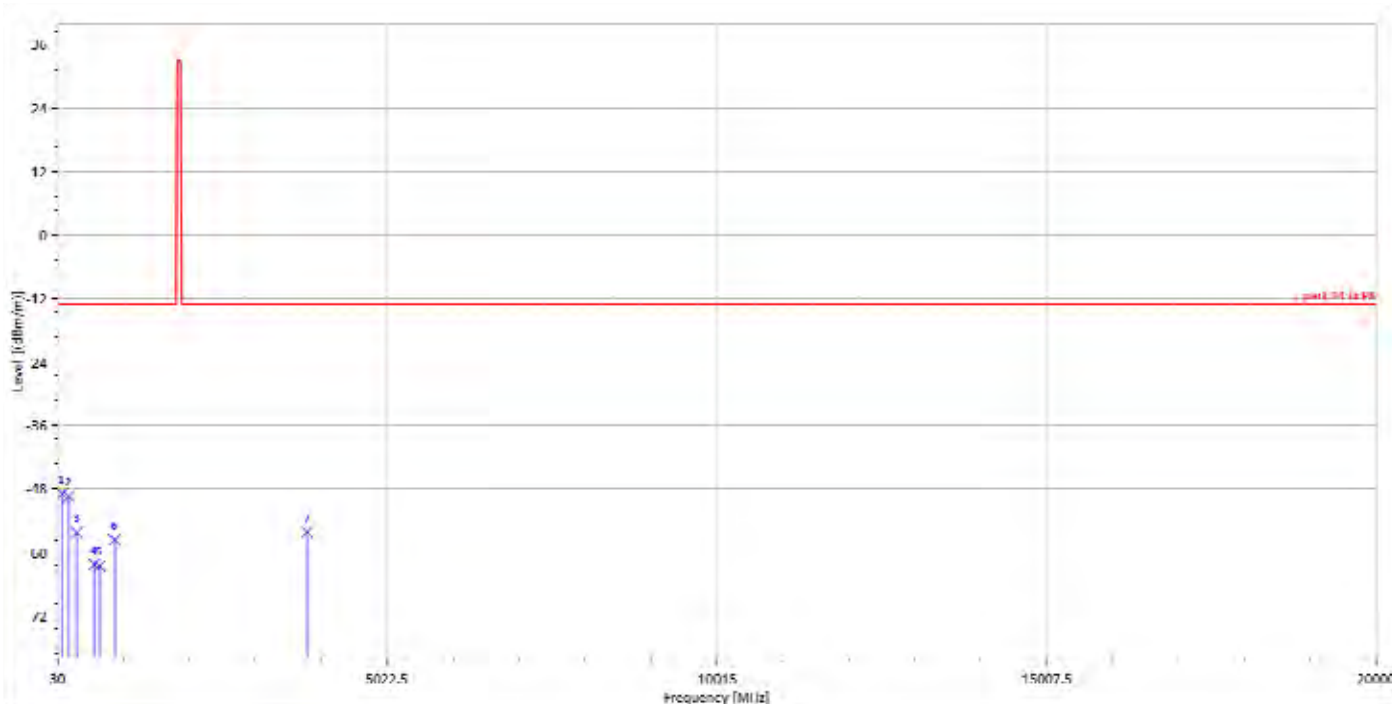
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : WCDMA B2 Test Date : 2017/9/28
 Fundamental Frequency : 1907.6 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH High Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 100.81 | S | -48.93 | -46.22 | -1.32 | -1.39 | -13.01 | -35.92 |
| 202.66 | S | -49.42 | -53.24 | 5.82 | -2.00 | -13.01 | -36.41 |
| 326.82 | S | -56.17 | -59.51 | 5.93 | -2.59 | -13.01 | -43.16 |
| 596.48 | S | -62.27 | -65.66 | 6.94 | -3.56 | -13.01 | -49.26 |
| 676.99 | S | -62.56 | -66.26 | 7.46 | -3.76 | -13.01 | -49.55 |
| 897.18 | S | -57.55 | -61.04 | 7.89 | -4.40 | -13.01 | -44.54 |
| 3815.20 | H | -56.10 | -59.61 | 12.49 | -8.98 | -13.01 | -43.09 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

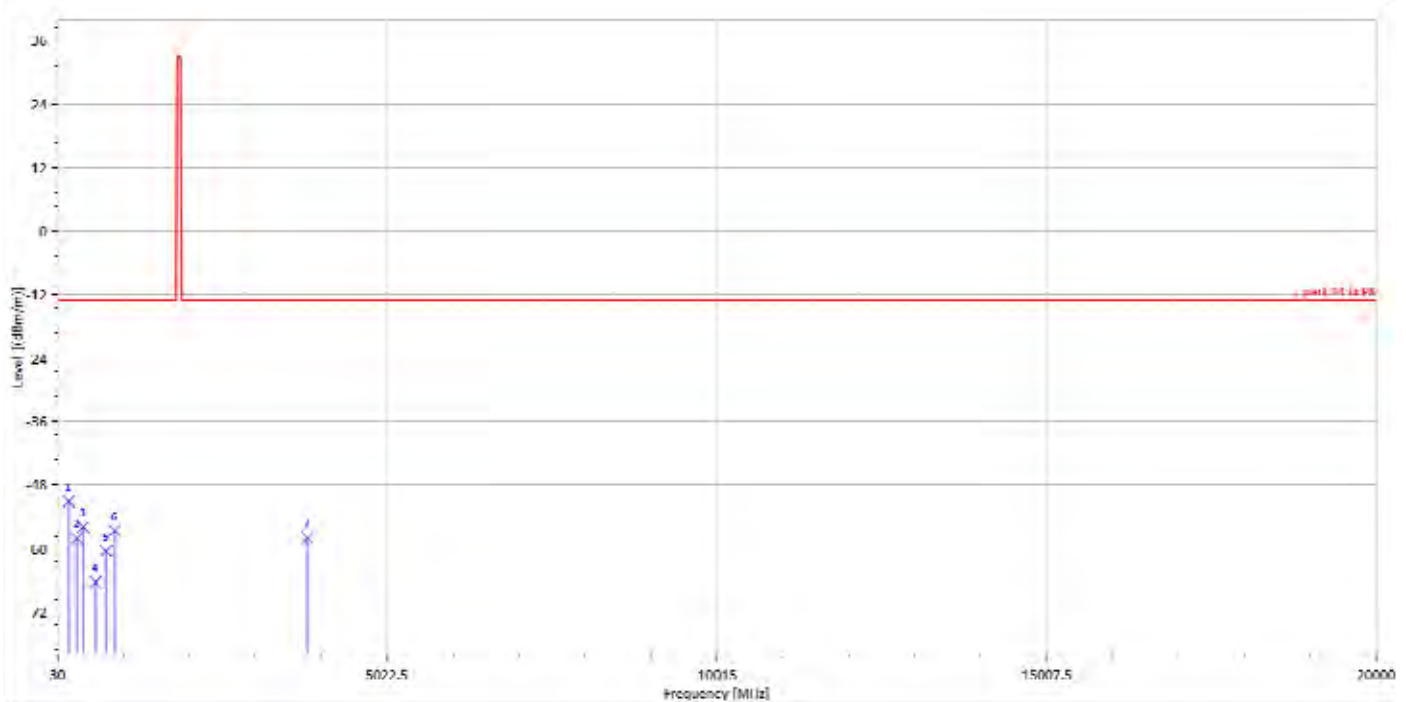
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : WCDMA B2 Test Date : 2017/9/28
 Fundamental Frequency : 1907.6 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH High Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 203.63 | S | -51.12 | -54.96 | 5.85 | -2.01 | -13.01 | -38.11 |
| 327.79 | S | -58.03 | -61.36 | 5.93 | -2.59 | -13.01 | -45.02 |
| 422.85 | S | -55.88 | -58.91 | 5.99 | -2.96 | -13.01 | -42.87 |
| 615.88 | S | -66.33 | -69.75 | 7.04 | -3.62 | -13.01 | -53.32 |
| 773.02 | S | -60.48 | -64.20 | 7.74 | -4.02 | -13.01 | -47.47 |
| 896.21 | S | -56.58 | -60.06 | 7.89 | -4.40 | -13.01 | -43.57 |
| 3815.20 | H | -57.98 | -61.48 | 12.49 | -8.98 | -13.01 | -44.97 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

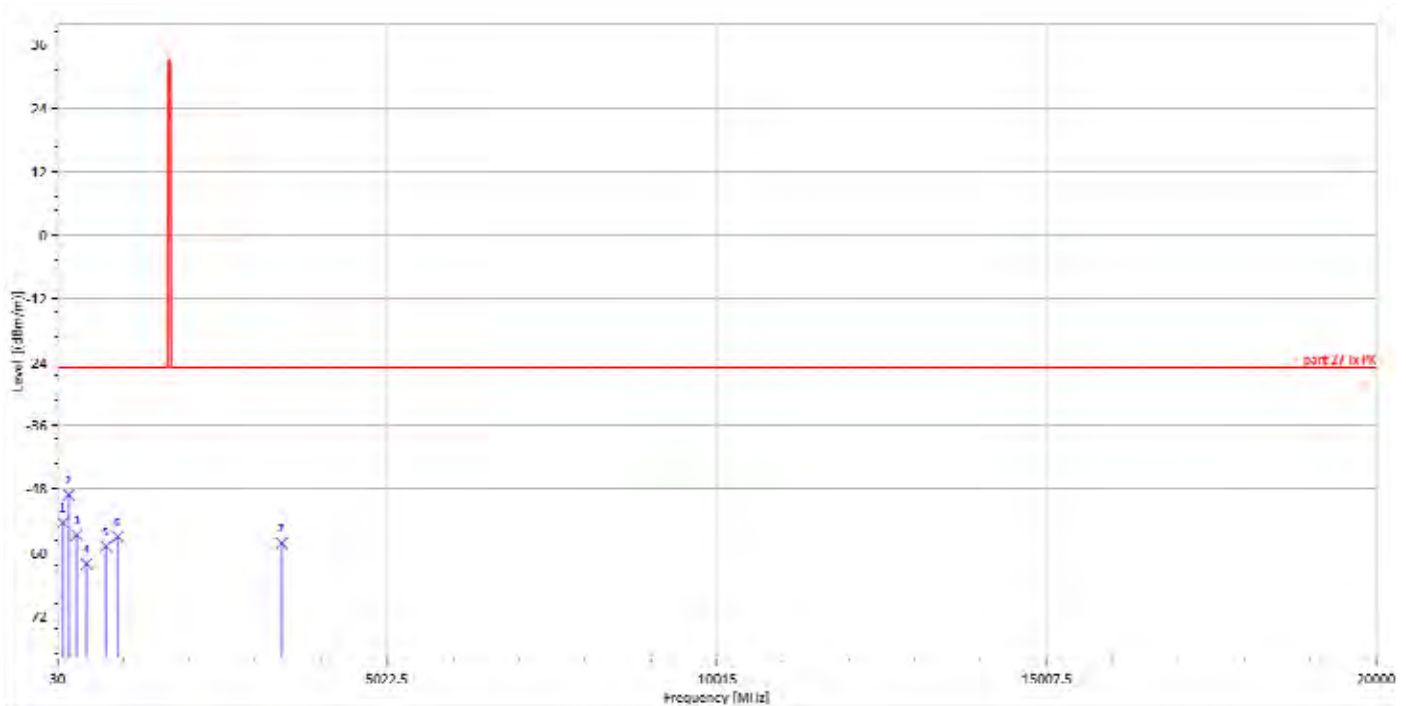
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: HSUPA Band 4 Mode

| | | | |
|-------------------------|------------|----------------------------|----------------|
| Operation Mode : | HSUPA B4 | Test Date : | 2017/9/28 |
| Fundamental Frequency : | 1712.4 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 112.45 | S | -54.31 | -51.29 | -1.55 | -1.46 | -25 | -29.31 |
| 203.63 | S | -49.12 | -52.96 | 5.85 | -2.01 | -25 | -24.12 |
| 325.85 | S | -56.61 | -59.95 | 5.92 | -2.58 | -25 | -31.61 |
| 473.29 | S | -62.13 | -65.38 | 6.37 | -3.12 | -25 | -37.13 |
| 773.02 | S | -58.79 | -62.50 | 7.74 | -4.02 | -25 | -33.79 |
| 937.92 | S | -56.94 | -60.39 | 7.95 | -4.49 | -25 | -31.94 |
| 3424.80 | H | -58.21 | -61.66 | 12.15 | -8.70 | -25 | -33.21 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

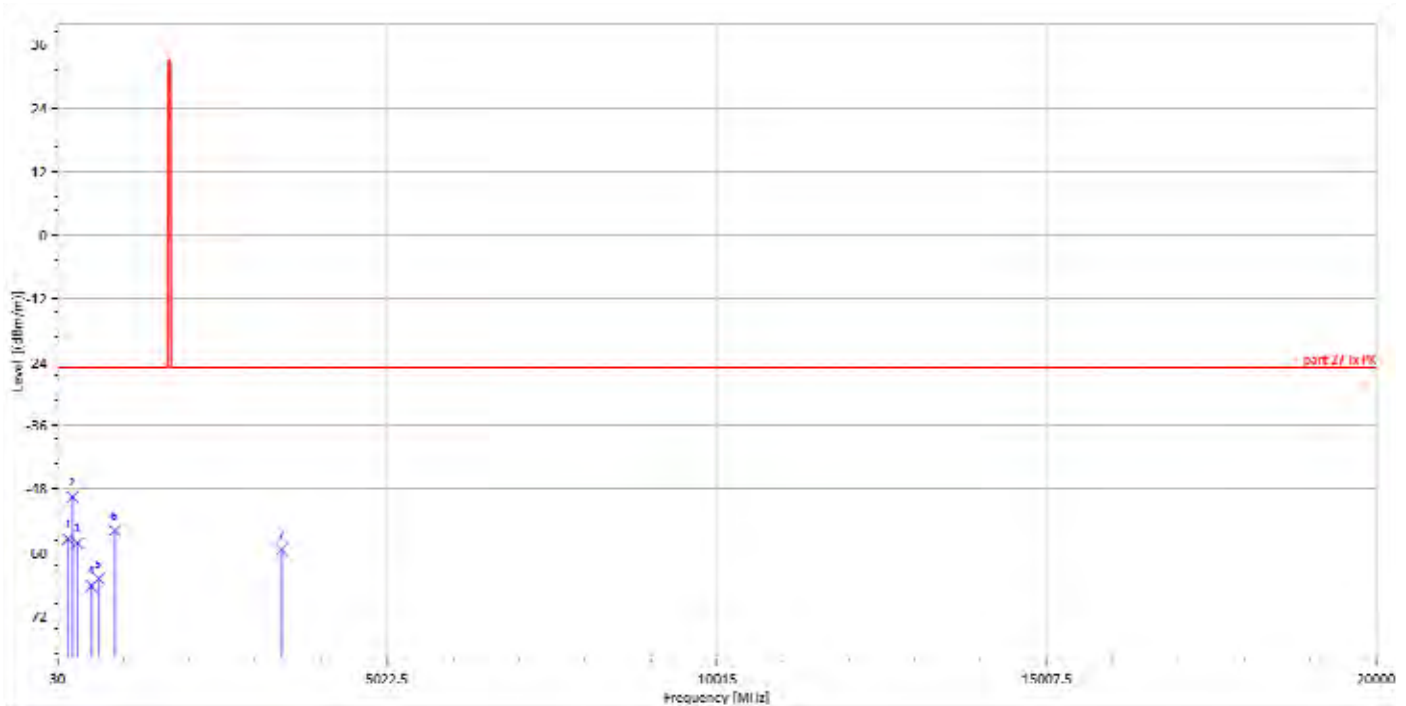
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : HSUPA B4 Test Date : 2017/9/28
 Fundamental Frequency : 1712.4 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Low Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 192.96 | S | -57.41 | -61.30 | 5.84 | -1.95 | -25 | -32.41 |
| 261.83 | S | -49.54 | -51.89 | 4.66 | -2.31 | -25 | -24.54 |
| 336.52 | S | -58.21 | -61.54 | 5.95 | -2.63 | -25 | -33.21 |
| 550.89 | S | -66.30 | -69.42 | 6.53 | -3.41 | -25 | -41.30 |
| 661.47 | S | -64.98 | -68.55 | 7.29 | -3.72 | -25 | -39.98 |
| 896.21 | S | -55.80 | -59.28 | 7.89 | -4.40 | -25 | -30.80 |
| 3424.80 | H | -59.46 | -62.91 | 12.15 | -8.70 | -25 | -34.46 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

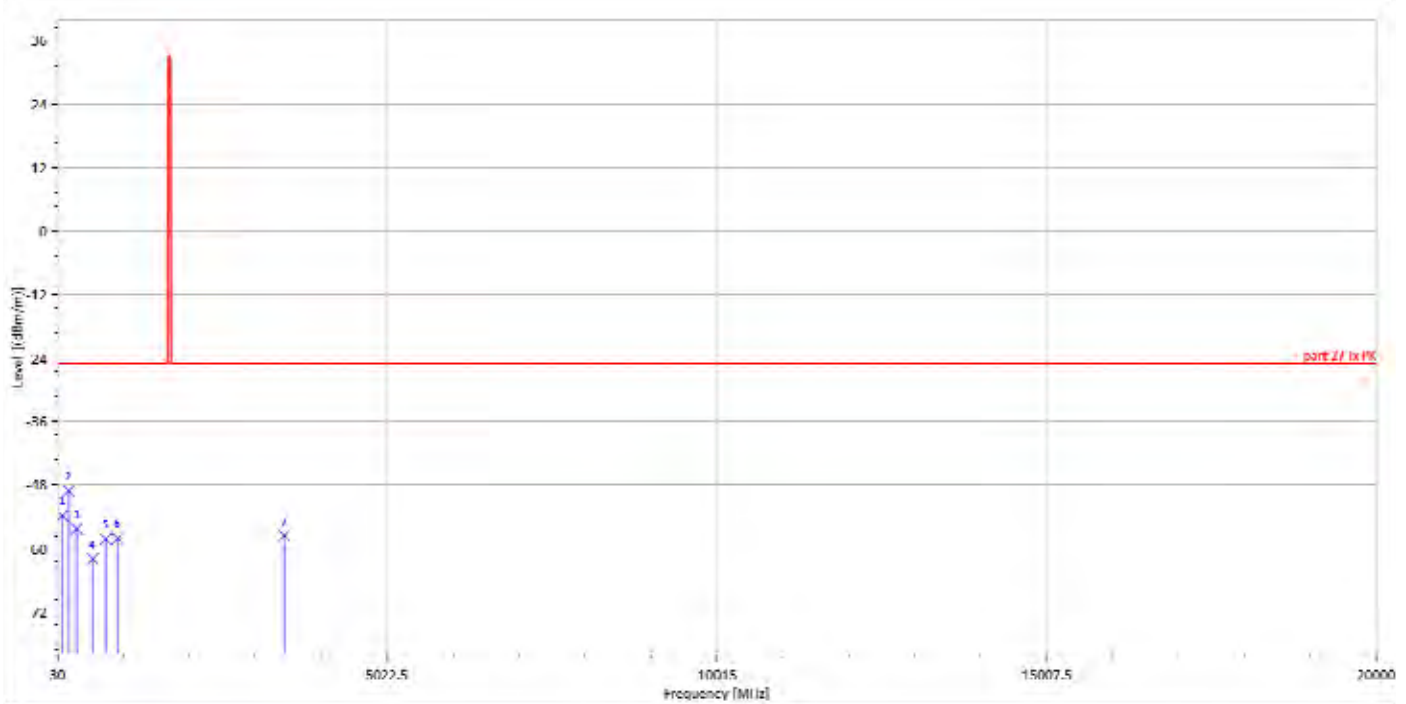
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : HSUPA B4 Test Date : 2017/9/28
 Fundamental Frequency : 1732.6 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 103.72 | S | -53.73 | -50.89 | -1.43 | -1.41 | -25 | -28.73 |
| 203.63 | S | -49.12 | -52.96 | 5.85 | -2.01 | -25 | -24.12 |
| 326.82 | S | -56.21 | -59.55 | 5.93 | -2.59 | -25 | -31.21 |
| 571.26 | S | -61.99 | -65.24 | 6.71 | -3.46 | -25 | -36.99 |
| 772.05 | S | -58.18 | -61.90 | 7.74 | -4.02 | -25 | -33.18 |
| 937.92 | S | -58.04 | -61.49 | 7.95 | -4.49 | -25 | -33.04 |
| 3465.20 | H | -57.53 | -61.03 | 12.23 | -8.73 | -25 | -32.53 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

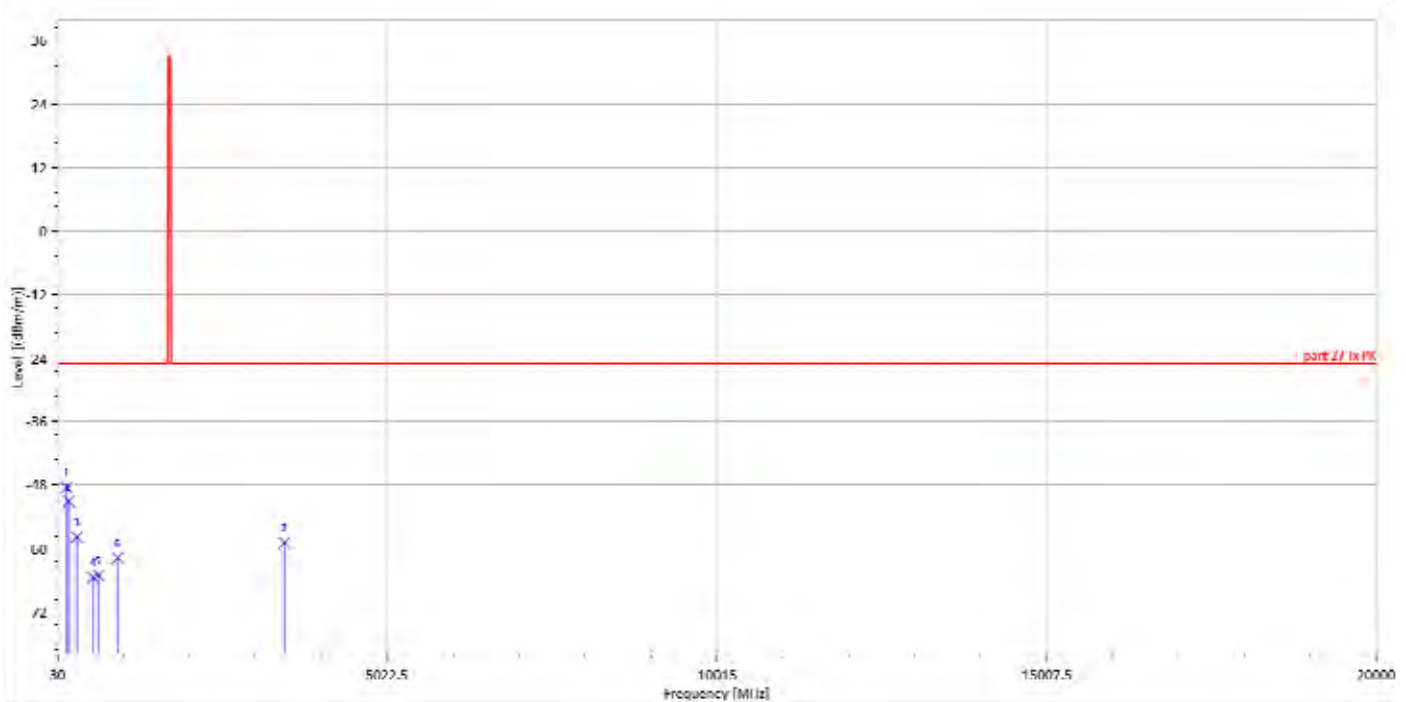
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : HSUPA B4 Test Date : 2017/9/28
 Fundamental Frequency : 1732.6 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 167.74 | S | -48.47 | -50.72 | 4.06 | -1.82 | -25 | -23.47 |
| 203.63 | S | -51.11 | -54.95 | 5.85 | -2.01 | -25 | -26.11 |
| 329.73 | S | -57.79 | -61.13 | 5.94 | -2.60 | -25 | -32.79 |
| 576.11 | S | -65.54 | -68.82 | 6.76 | -3.48 | -25 | -40.54 |
| 658.56 | S | -65.18 | -68.72 | 7.26 | -3.72 | -25 | -40.18 |
| 937.92 | S | -61.76 | -65.22 | 7.95 | -4.49 | -25 | -36.76 |
| 3465.20 | H | -58.87 | -62.37 | 12.23 | -8.73 | -25 | -33.87 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

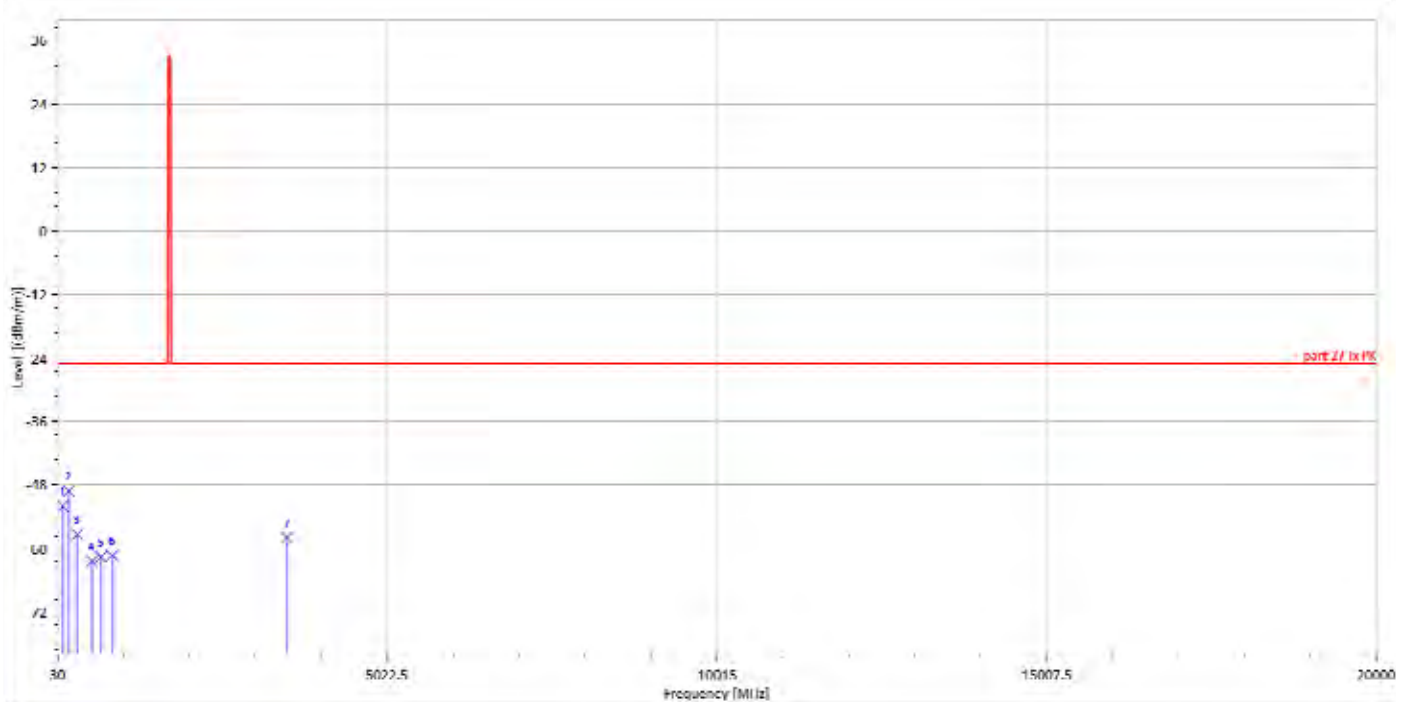
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : HSUPA B4 Test Date : 2017/9/28
 Fundamental Frequency : 1752.6 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH High Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 111.48 | S | -51.98 | -48.93 | -1.59 | -1.46 | -25 | -26.98 |
| 203.63 | S | -49.20 | -53.04 | 5.85 | -2.01 | -25 | -24.20 |
| 331.67 | S | -57.30 | -60.63 | 5.94 | -2.61 | -25 | -32.30 |
| 559.62 | S | -62.43 | -65.60 | 6.60 | -3.43 | -25 | -37.43 |
| 699.30 | S | -61.61 | -65.50 | 7.70 | -3.82 | -25 | -36.61 |
| 861.29 | S | -61.30 | -64.81 | 7.82 | -4.31 | -25 | -36.30 |
| 3505.20 | H | -57.88 | -61.42 | 12.30 | -8.76 | -25 | -32.88 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

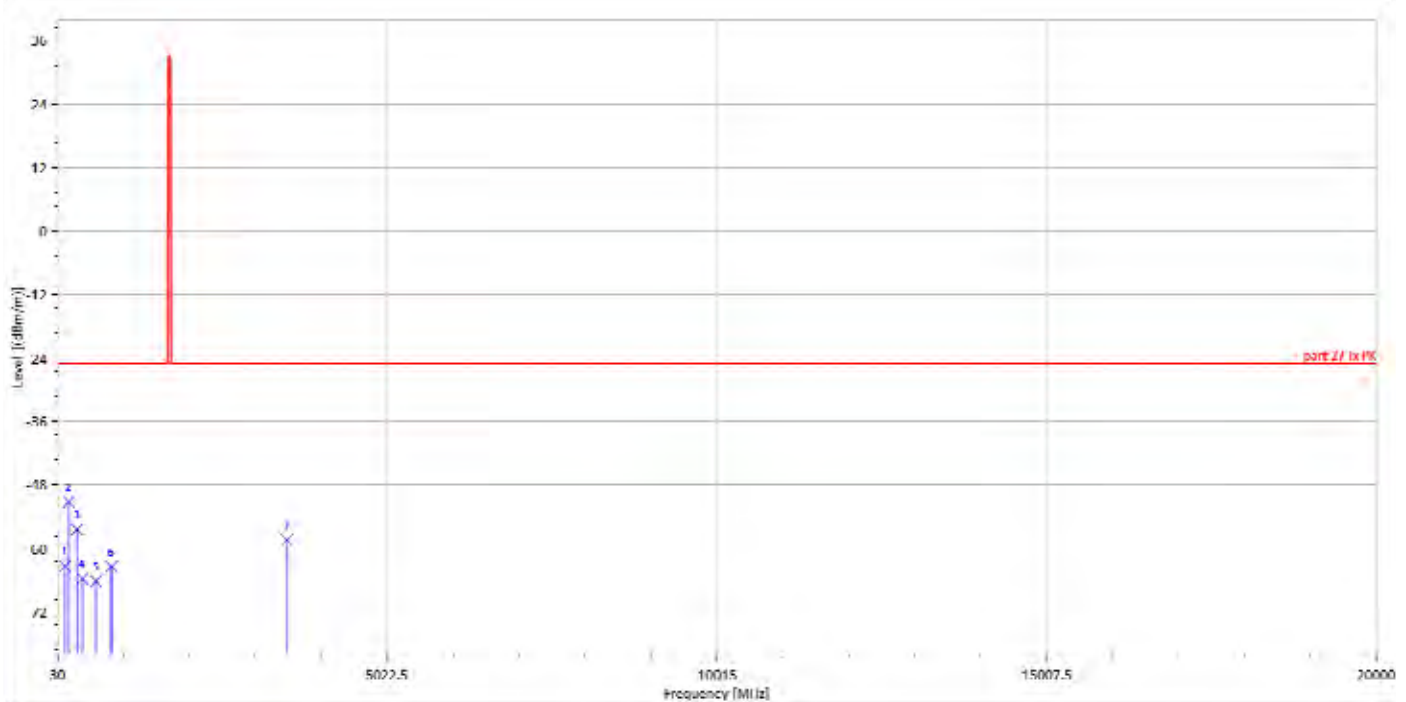
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : HSUPA B4 Test Date : 2017/9/28
 Fundamental Frequency : 1752.6 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH High Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 144.46 | S | -63.37 | -63.10 | 1.41 | -1.68 | -25 | -38.37 |
| 204.60 | S | -51.23 | -55.09 | 5.88 | -2.01 | -25 | -26.23 |
| 330.70 | S | -56.37 | -59.70 | 5.94 | -2.60 | -25 | -31.37 |
| 412.18 | S | -65.75 | -68.71 | 5.88 | -2.93 | -25 | -40.75 |
| 618.79 | S | -66.18 | -69.60 | 7.05 | -3.63 | -25 | -41.18 |
| 850.62 | S | -63.46 | -66.99 | 7.80 | -4.27 | -25 | -38.46 |
| 3505.20 | H | -58.33 | -61.87 | 12.30 | -8.76 | -25 | -33.33 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

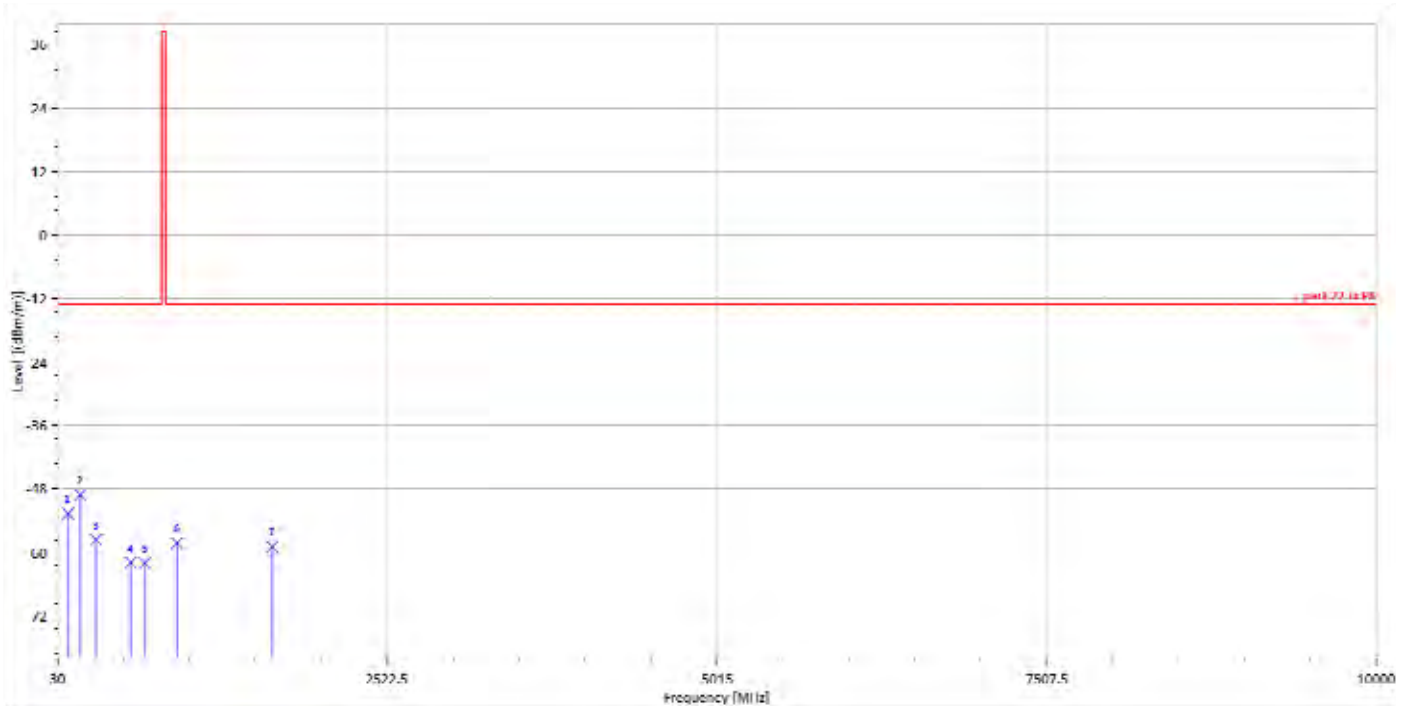
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: WCDMA Band 5 Mode

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| Operation Mode : | WCDMA B5 | Test Date : | 2017/9/28 |
| Fundamental Frequency : | 826.4 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 110.51 | S | -52.65 | -49.56 | -1.64 | -1.45 | -13 | -39.65 |
| 204.60 | S | -49.11 | -52.97 | 5.88 | -2.01 | -13 | -36.11 |
| 324.88 | S | -57.55 | -60.89 | 5.92 | -2.58 | -13 | -44.55 |
| 583.87 | S | -61.90 | -65.22 | 6.83 | -3.51 | -13 | -48.90 |
| 691.54 | S | -61.95 | -65.77 | 7.62 | -3.80 | -13 | -48.95 |
| 937.92 | S | -58.18 | -61.63 | 7.95 | -4.49 | -13 | -45.18 |
| 1652.80 | H | -58.89 | -59.02 | 6.59 | -6.46 | -13 | -45.89 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

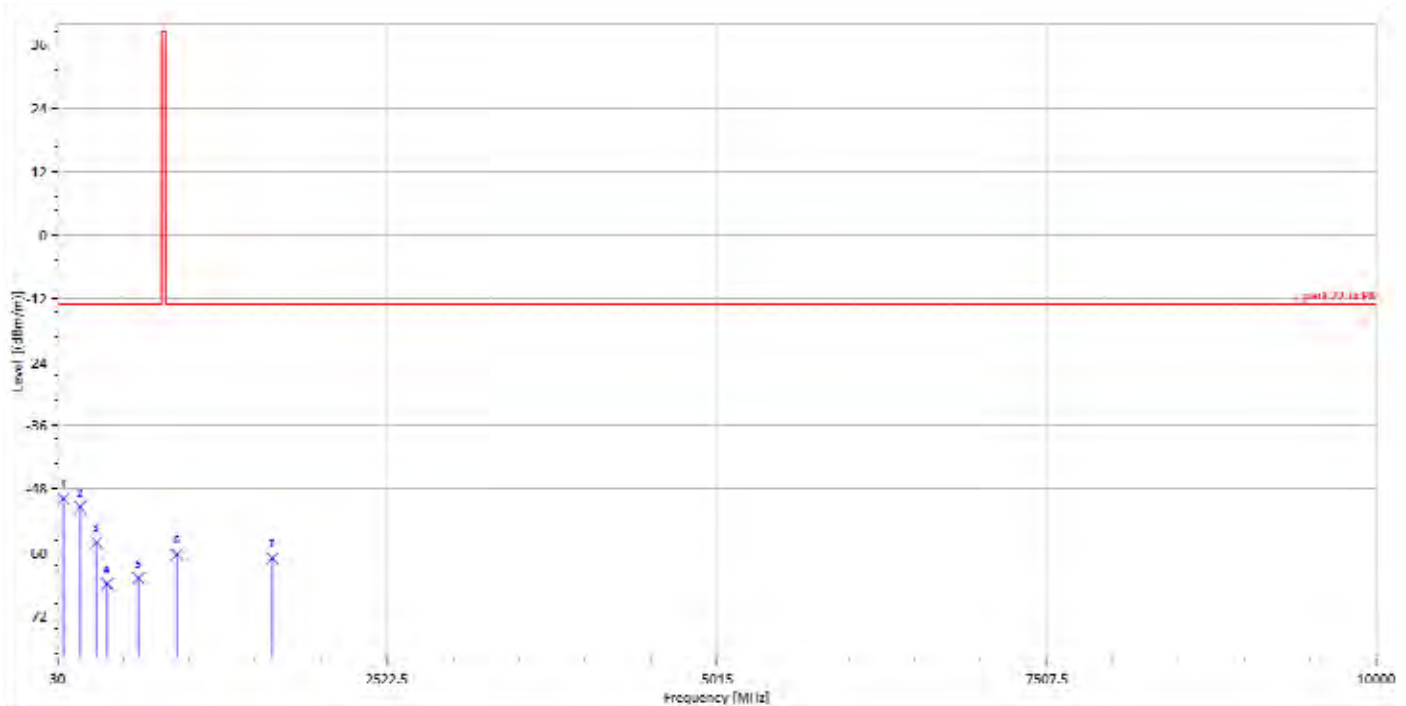
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : WCDMA B5 Test Date : 2017/9/28
 Fundamental Frequency : 826.4 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Low Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 75.59 | S | -49.87 | -49.00 | 0.31 | -1.18 | -13 | -36.87 |
| 204.60 | S | -51.45 | -55.32 | 5.88 | -2.01 | -13 | -38.45 |
| 327.79 | S | -58.03 | -61.37 | 5.93 | -2.59 | -13 | -45.03 |
| 408.30 | S | -65.94 | -68.87 | 5.84 | -2.91 | -13 | -52.94 |
| 643.04 | S | -64.92 | -68.38 | 7.14 | -3.68 | -13 | -51.92 |
| 937.92 | S | -60.35 | -63.80 | 7.95 | -4.49 | -13 | -47.35 |
| 1652.80 | H | -61.07 | -61.20 | 6.59 | -6.46 | -13 | -48.07 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

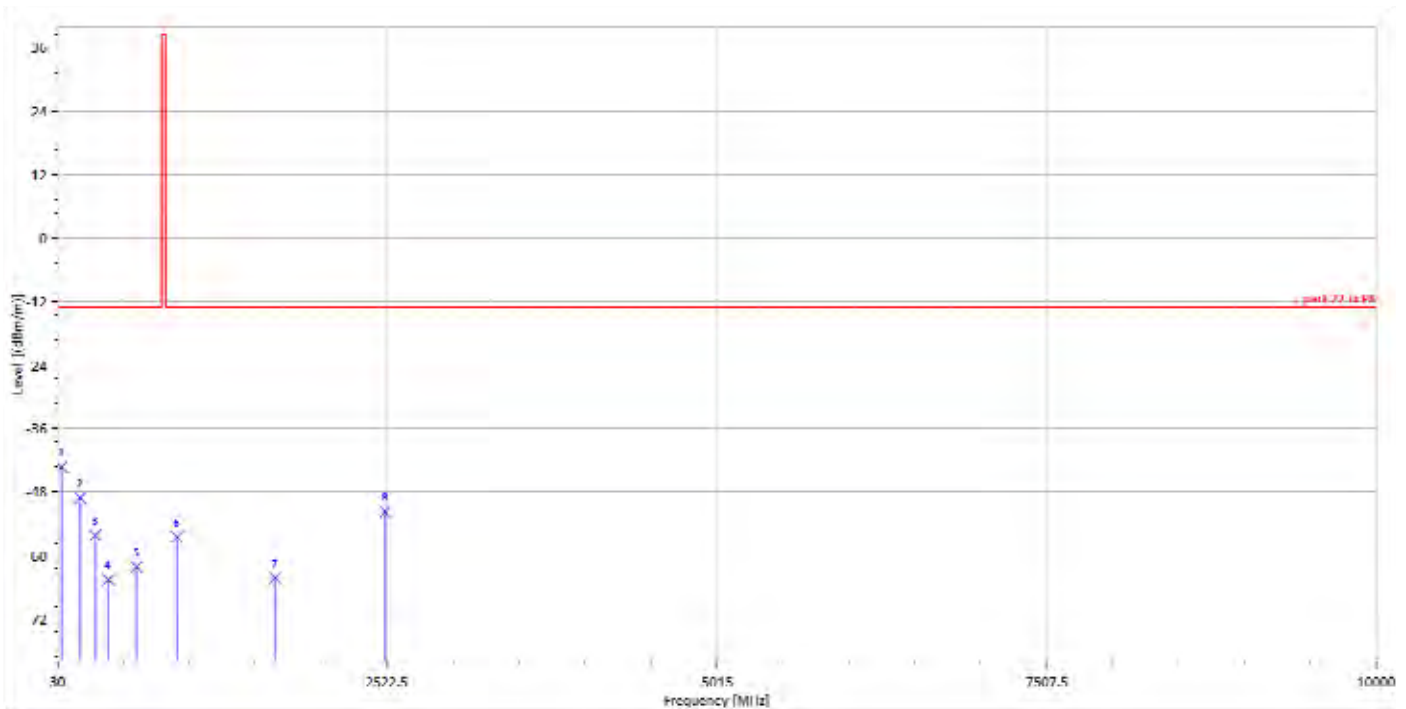
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : WCDMA B5 Test Date : 2017/9/28
 Fundamental Frequency : 836.6 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 61.04 | S | -43.22 | -41.08 | -1.09 | -1.06 | -13 | -30.22 |
| 203.63 | S | -49.11 | -52.95 | 5.85 | -2.01 | -13 | -36.11 |
| 320.03 | S | -56.14 | -59.48 | 5.91 | -2.56 | -13 | -43.14 |
| 418.00 | S | -64.65 | -67.64 | 5.94 | -2.94 | -13 | -51.65 |
| 626.55 | S | -62.17 | -65.60 | 7.08 | -3.64 | -13 | -49.17 |
| 937.92 | S | -56.47 | -59.93 | 7.95 | -4.49 | -13 | -43.47 |
| 1673.20 | H | -64.29 | -64.47 | 6.68 | -6.50 | -13 | -51.29 |
| 2509.80 | H | -51.71 | -52.43 | 8.56 | -7.84 | -13 | -38.71 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

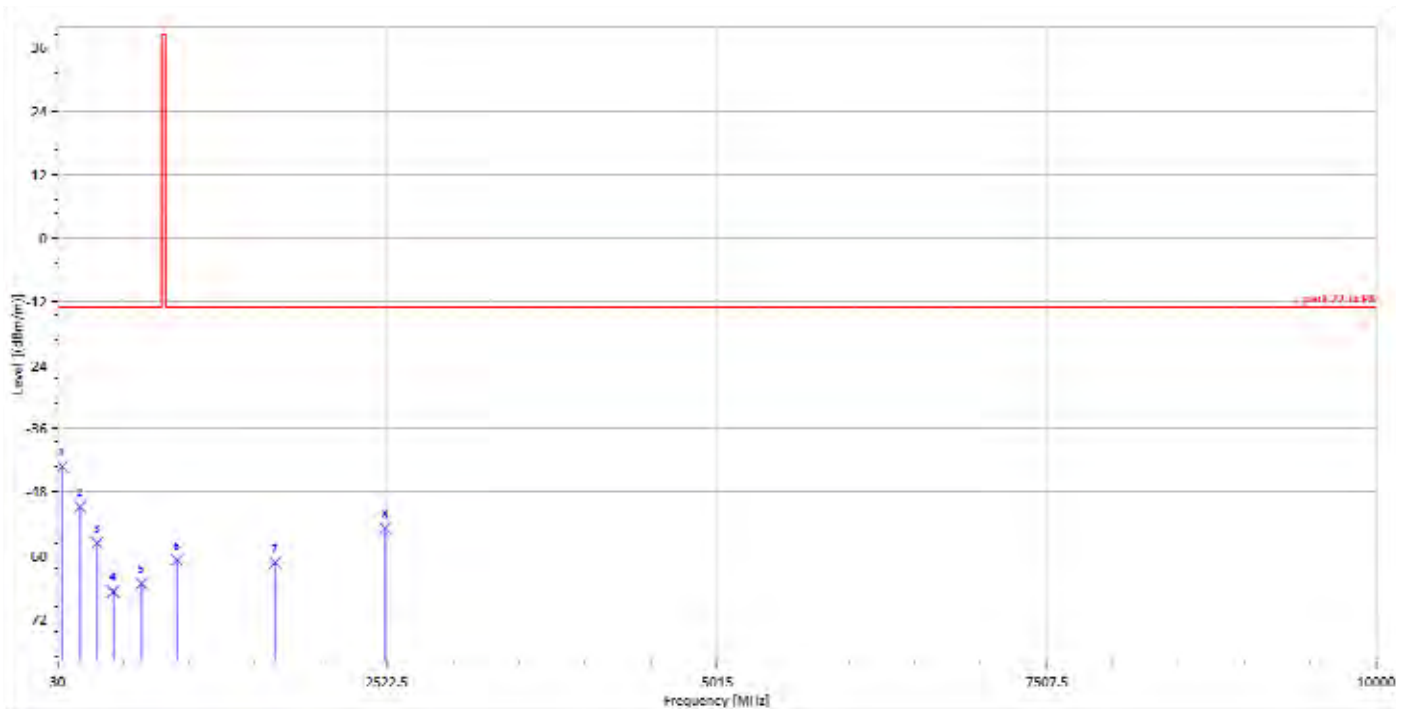
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : WCDMA B5 Test Date : 2017/9/28
 Fundamental Frequency : 836.6 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 65.89 | S | -43.18 | -41.64 | -0.44 | -1.10 | -13 | -30.18 |
| 204.60 | S | -50.86 | -54.73 | 5.88 | -2.01 | -13 | -37.86 |
| 332.64 | S | -57.60 | -60.94 | 5.94 | -2.61 | -13 | -44.60 |
| 452.92 | S | -66.81 | -70.04 | 6.29 | -3.06 | -13 | -53.81 |
| 667.29 | S | -65.36 | -68.98 | 7.36 | -3.73 | -13 | -52.36 |
| 937.92 | S | -60.87 | -64.33 | 7.95 | -4.49 | -13 | -47.87 |
| 1673.20 | H | -61.40 | -61.58 | 6.68 | -6.50 | -13 | -48.40 |
| 2509.80 | H | -54.75 | -55.47 | 8.56 | -7.84 | -13 | -41.75 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

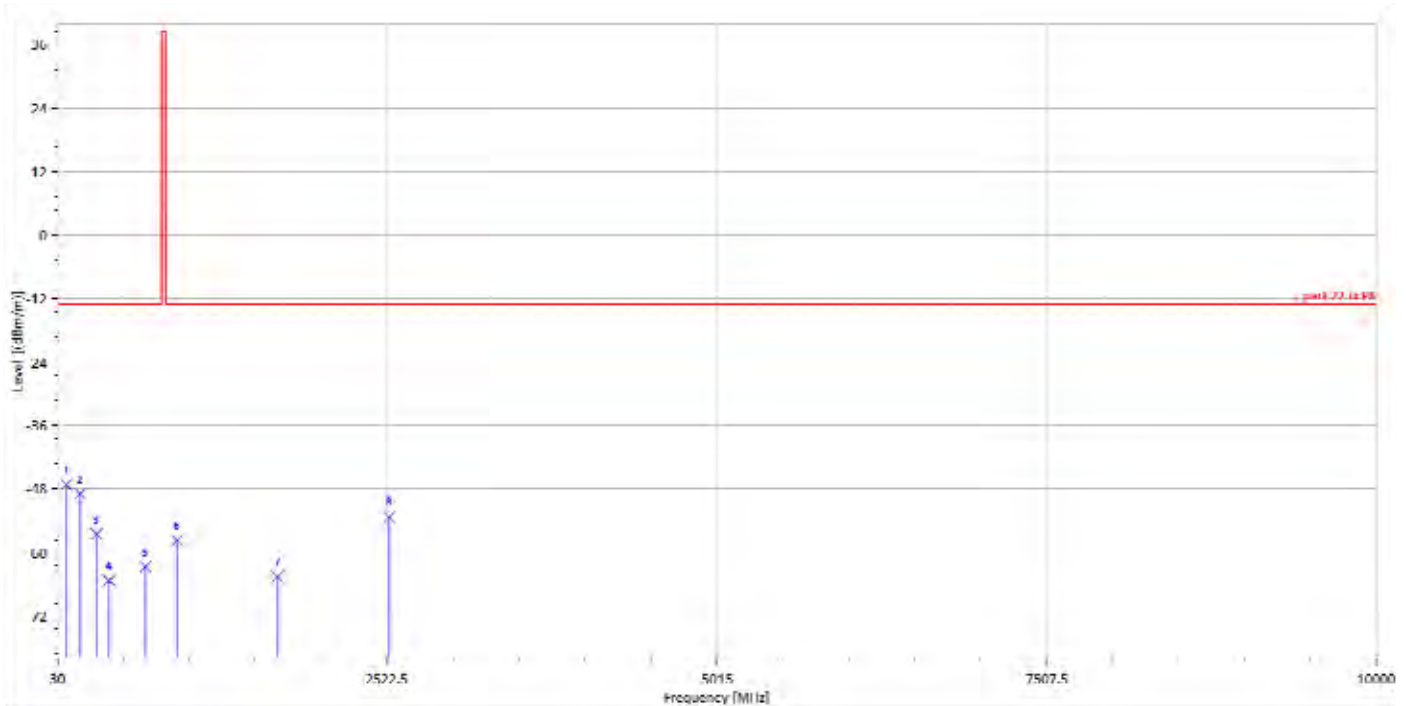
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : WCDMA B5 Test Date : 2017/9/28
 Fundamental Frequency : 846.6 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH High Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 97.90 | S | -47.21 | -44.80 | -1.04 | -1.36 | -13 | -34.21 |
| 202.66 | S | -48.95 | -52.77 | 5.82 | -2.00 | -13 | -35.95 |
| 329.73 | S | -56.45 | -59.79 | 5.94 | -2.60 | -13 | -43.45 |
| 422.85 | S | -65.37 | -68.40 | 5.99 | -2.96 | -13 | -52.37 |
| 695.42 | S | -62.68 | -66.54 | 7.66 | -3.81 | -13 | -49.68 |
| 937.92 | S | -57.65 | -61.11 | 7.95 | -4.49 | -13 | -44.65 |
| 1693.20 | H | -64.63 | -64.84 | 6.76 | -6.55 | -13 | -51.63 |
| 2539.80 | H | -53.20 | -53.93 | 8.60 | -7.87 | -13 | -40.20 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

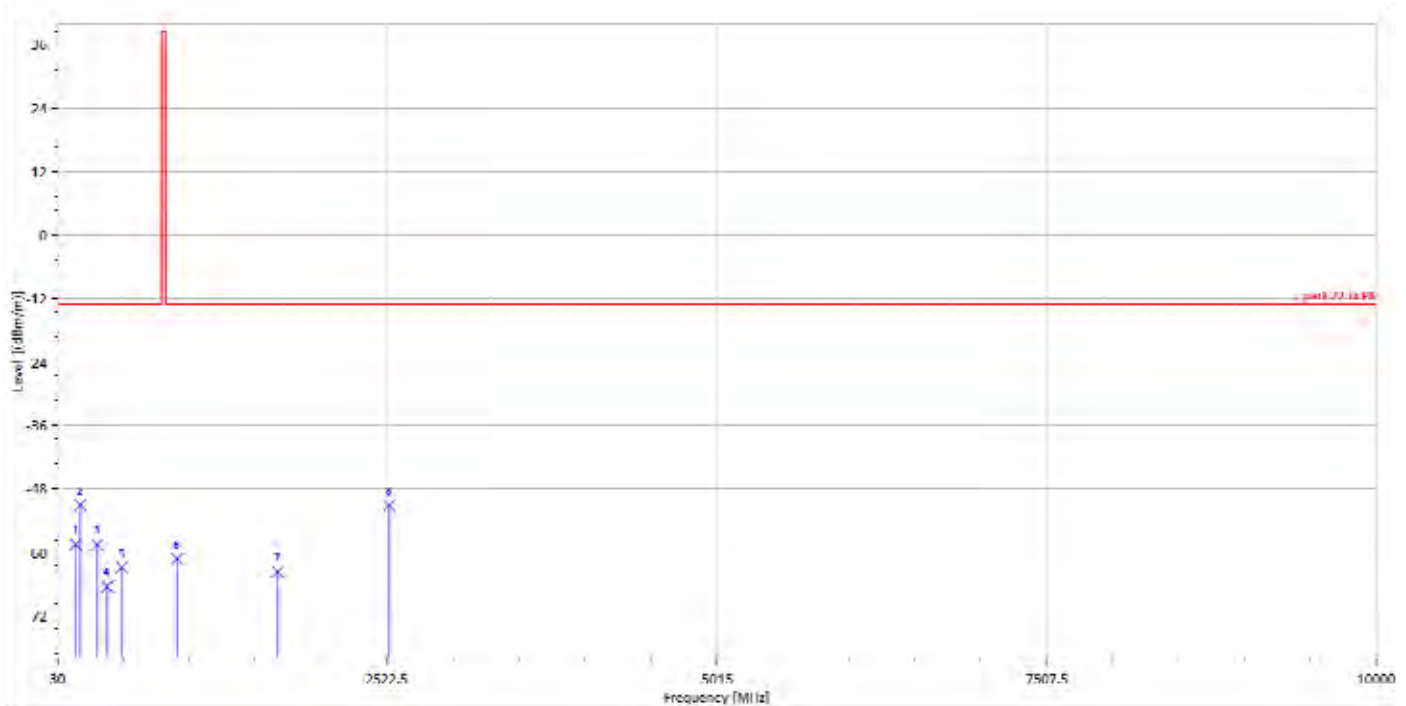
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : WCDMA B5 Test Date : 2017/9/28
 Fundamental Frequency : 846.6 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH High Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 169.68 | S | -58.46 | -60.92 | 4.28 | -1.83 | -13 | -45.46 |
| 204.60 | S | -51.09 | -54.95 | 5.88 | -2.01 | -13 | -38.09 |
| 333.61 | S | -58.52 | -61.86 | 5.95 | -2.61 | -13 | -45.52 |
| 410.24 | S | -66.42 | -69.35 | 5.86 | -2.92 | -13 | -53.42 |
| 515.00 | S | -62.85 | -66.06 | 6.50 | -3.29 | -13 | -49.85 |
| 938.89 | S | -61.19 | -64.64 | 7.95 | -4.50 | -13 | -48.19 |
| 1693.20 | H | -63.70 | -63.92 | 6.76 | -6.55 | -13 | -50.70 |
| 2539.80 | H | -51.16 | -51.89 | 8.60 | -7.87 | -13 | -38.16 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

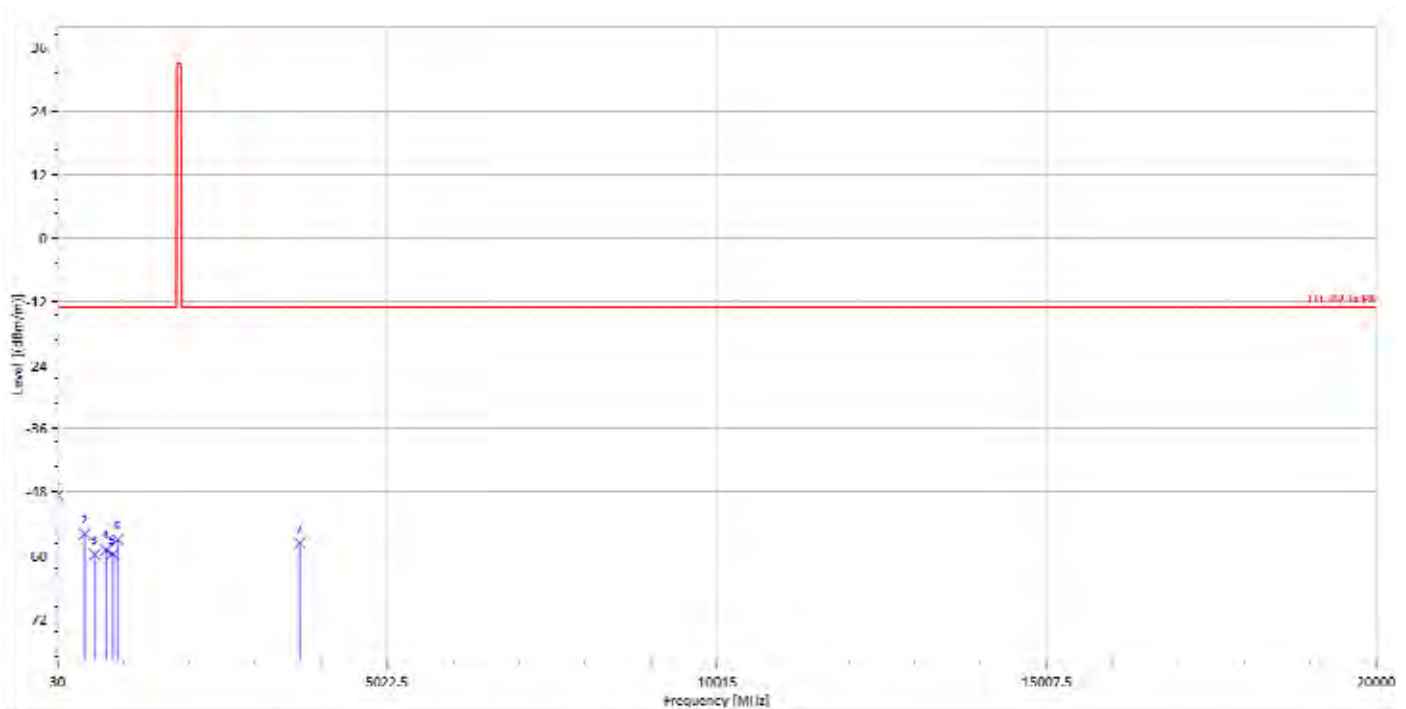
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 2 (The Worst Case)

Operation Mode : LTEB2 1.4M QPSK RB 1.0 Test Date : 2017/9/29
 Fundamental Frequency : 1850.7 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Low Test Engineer : Enzo
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 35.82 | S | -48.66 | -32.22 | -15.59 | -0.84 | -13 | -35.66 |
| 446.13 | S | -55.86 | -59.06 | 6.23 | -3.03 | -13 | -42.86 |
| 602.30 | S | -59.81 | -63.22 | 6.98 | -3.58 | -13 | -46.81 |
| 775.93 | S | -58.95 | -62.66 | 7.74 | -4.03 | -13 | -45.95 |
| 866.14 | S | -59.72 | -63.22 | 7.83 | -4.33 | -13 | -46.72 |
| 937.92 | S | -56.98 | -60.43 | 7.95 | -4.49 | -13 | -43.98 |
| 3701.40 | H | -57.61 | -61.13 | 12.42 | -8.90 | -13 | -44.61 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

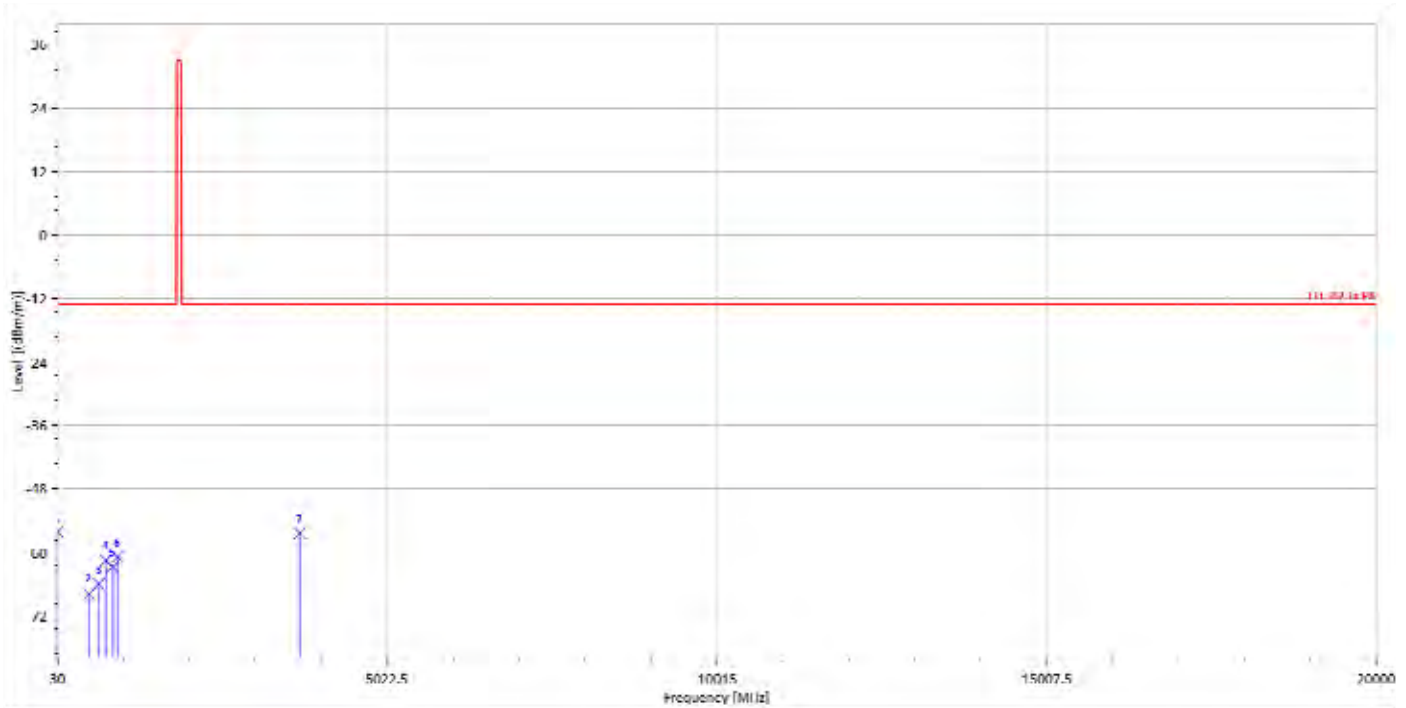
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : LTEB2 1.4M QPSK RB 1.0 Test Date : 2017/9/29
 Fundamental Frequency : 1850.7 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Low Test Engineer : Enzo
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 31.94 | S | -56.04 | -36.44 | -18.78 | -0.83 | -13 | -43.04 |
| 513.06 | S | -67.75 | -70.97 | 6.50 | -3.28 | -13 | -54.75 |
| 663.41 | S | -65.96 | -69.55 | 7.31 | -3.73 | -13 | -52.96 |
| 773.99 | S | -61.52 | -65.23 | 7.74 | -4.03 | -13 | -48.52 |
| 867.11 | S | -62.77 | -66.27 | 7.83 | -4.33 | -13 | -49.77 |
| 937.92 | S | -60.86 | -64.31 | 7.95 | -4.49 | -13 | -47.86 |
| 3701.40 | H | -56.30 | -59.82 | 12.42 | -8.90 | -13 | -43.30 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

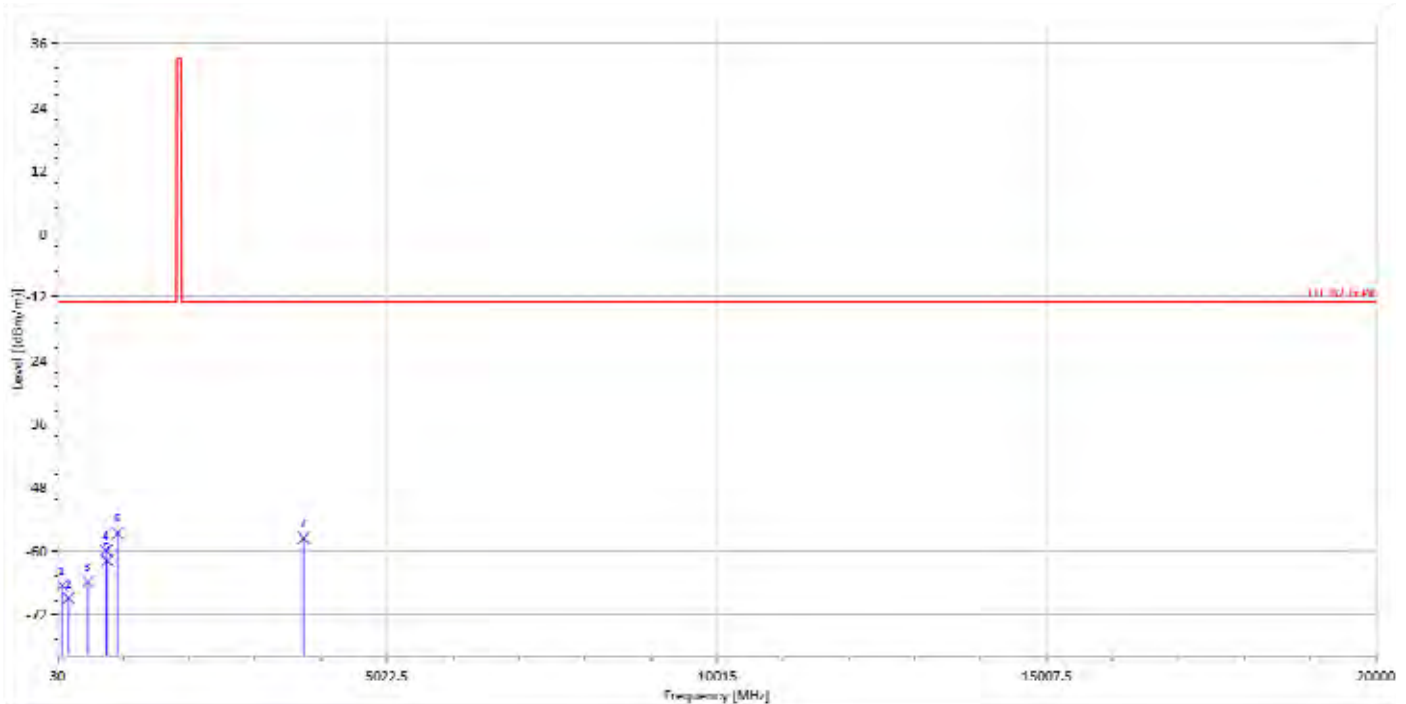
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : LTEB2 1.4M QPSK RB 1.0 Test Date : 2017/9/29
 Fundamental Frequency : 1880 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Enzo
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 101.78 | S | -66.66 | -63.91 | -1.36 | -1.39 | -13 | -53.66 |
| 197.81 | S | -69.08 | -72.86 | 5.76 | -1.98 | -13 | -56.08 |
| 496.57 | S | -65.92 | -69.18 | 6.47 | -3.22 | -13 | -52.92 |
| 773.99 | S | -59.93 | -63.65 | 7.74 | -4.03 | -13 | -46.93 |
| 791.45 | S | -61.90 | -65.57 | 7.76 | -4.09 | -13 | -48.90 |
| 937.92 | S | -56.74 | -60.19 | 7.95 | -4.49 | -13 | -43.74 |
| 3760.00 | H | -57.62 | -61.14 | 12.46 | -8.94 | -13 | -44.62 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

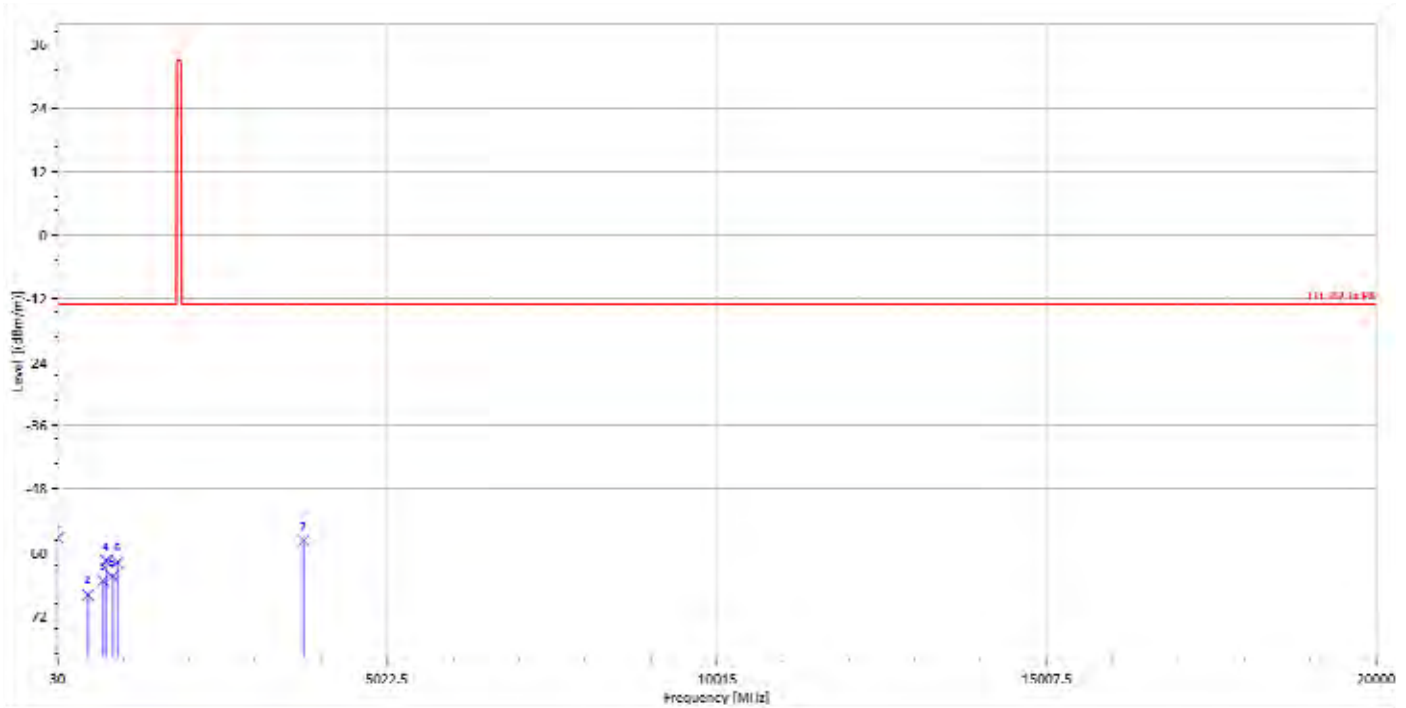
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : LTEB2 1.4M QPSK RB 1.0 Test Date : 2017/9/29
 Fundamental Frequency : 1880 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Enzo
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 32.91 | S | -57.20 | -38.38 | -18.00 | -0.83 | -13 | -44.20 |
| 497.54 | S | -67.92 | -71.18 | 6.48 | -3.22 | -13 | -54.92 |
| 730.34 | S | -65.39 | -69.20 | 7.71 | -3.90 | -13 | -52.39 |
| 775.93 | S | -61.54 | -65.25 | 7.74 | -4.03 | -13 | -48.54 |
| 865.17 | S | -64.52 | -68.02 | 7.83 | -4.33 | -13 | -51.52 |
| 937.92 | S | -61.86 | -65.31 | 7.95 | -4.49 | -13 | -48.86 |
| 3760.00 | H | -57.68 | -61.20 | 12.46 | -8.94 | -13 | -44.68 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

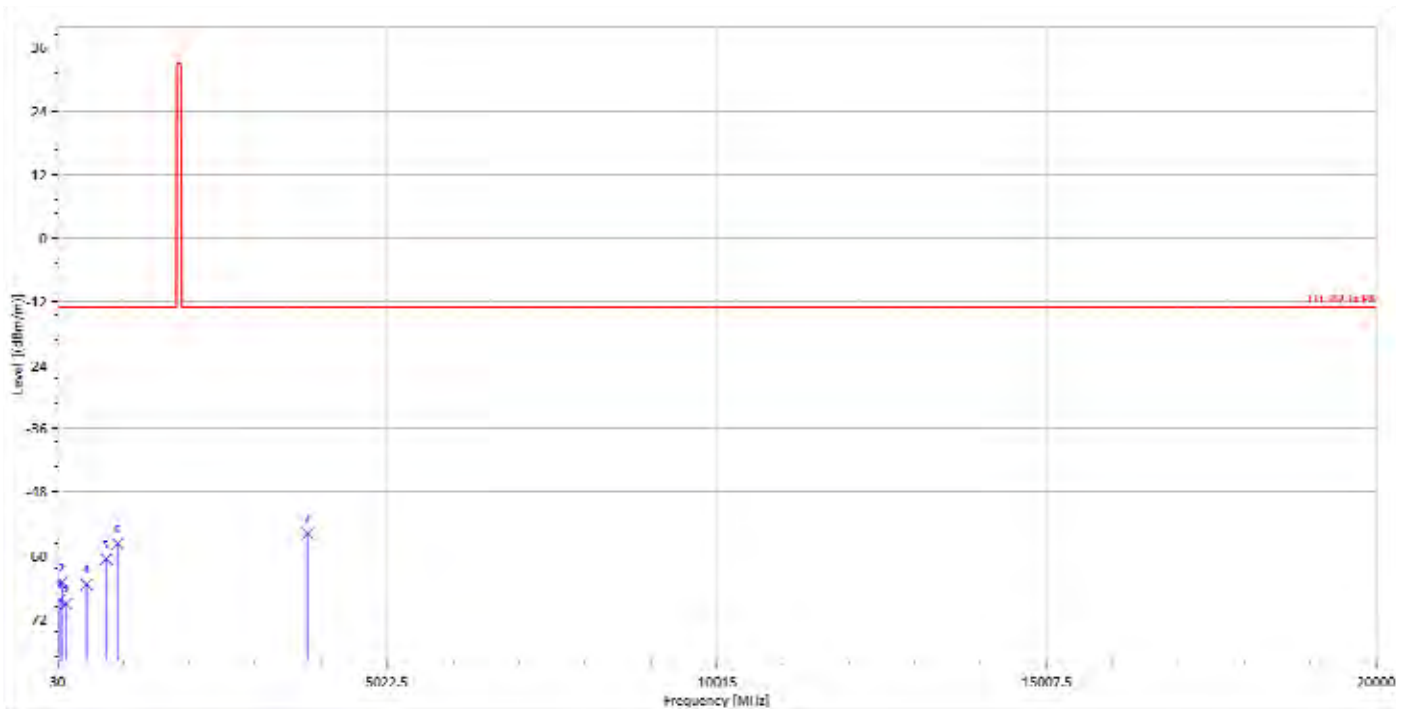
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : LTEB2 1.4M QPSK RB 1.0 Test Date : 2017/9/29
 Fundamental Frequency : 1909.3 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH High Test Engineer : Enzo
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 61.04 | S | -68.37 | -66.23 | -1.09 | -1.06 | -13 | -55.37 |
| 101.78 | S | -65.09 | -62.34 | -1.36 | -1.39 | -13 | -52.09 |
| 161.92 | S | -69.05 | -70.68 | 3.41 | -1.78 | -13 | -56.05 |
| 475.23 | S | -65.51 | -68.76 | 6.38 | -3.13 | -13 | -52.51 |
| 773.99 | S | -60.66 | -64.37 | 7.74 | -4.03 | -13 | -47.66 |
| 937.92 | S | -57.73 | -61.18 | 7.95 | -4.49 | -13 | -44.73 |
| 3818.60 | H | -55.81 | -59.32 | 12.49 | -8.98 | -13 | -42.81 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

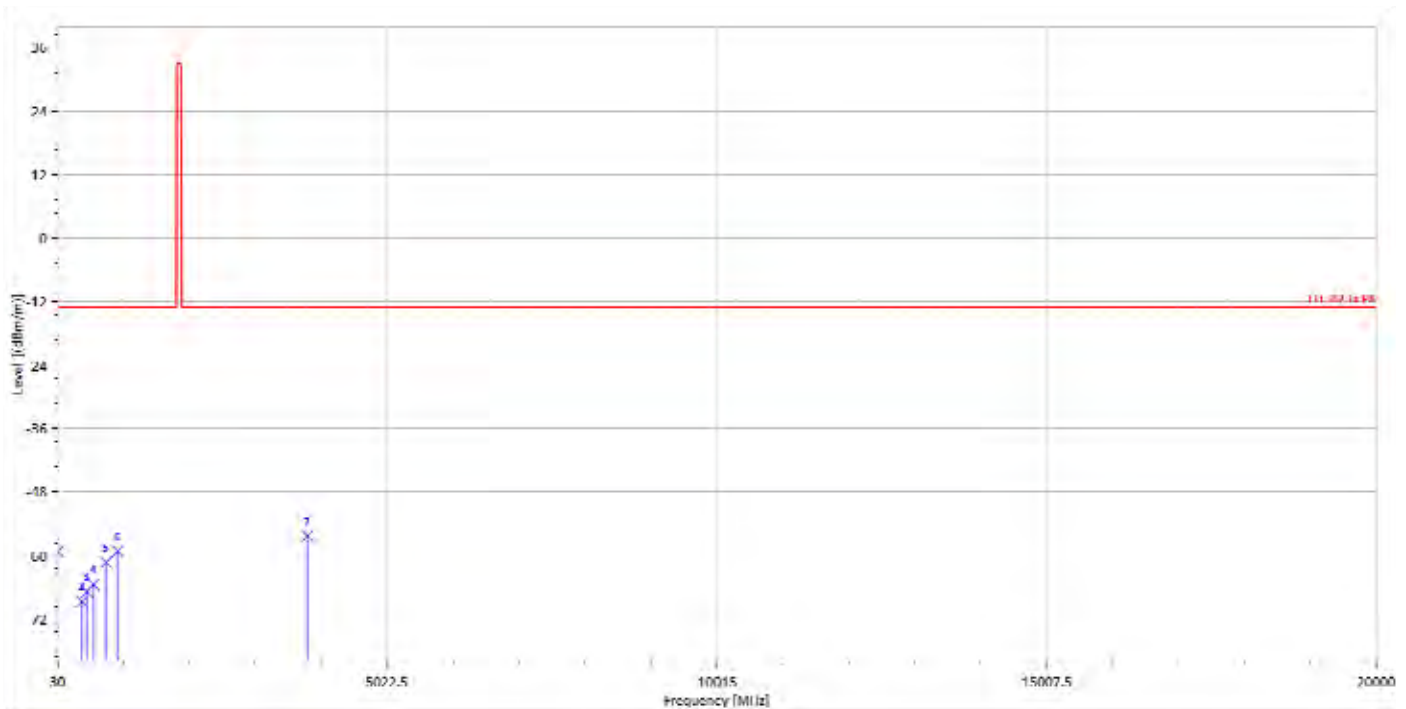
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : LTEB2 1.4M QPSK RB 1.0 Test Date : 2017/9/29
 Fundamental Frequency : 1909.3 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH High Test Engineer : Enzo
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 34.85 | S | -59.20 | -41.93 | -16.43 | -0.84 | -13 | -46.20 |
| 404.42 | S | -68.66 | -71.56 | 5.80 | -2.89 | -13 | -55.66 |
| 481.05 | S | -66.76 | -70.01 | 6.41 | -3.15 | -13 | -53.76 |
| 582.90 | S | -65.53 | -68.85 | 6.82 | -3.50 | -13 | -52.53 |
| 773.02 | S | -61.31 | -65.03 | 7.74 | -4.02 | -13 | -48.31 |
| 936.95 | S | -59.16 | -62.62 | 7.95 | -4.49 | -13 | -46.16 |
| 3818.60 | H | -56.27 | -59.78 | 12.49 | -8.98 | -13 | -43.27 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

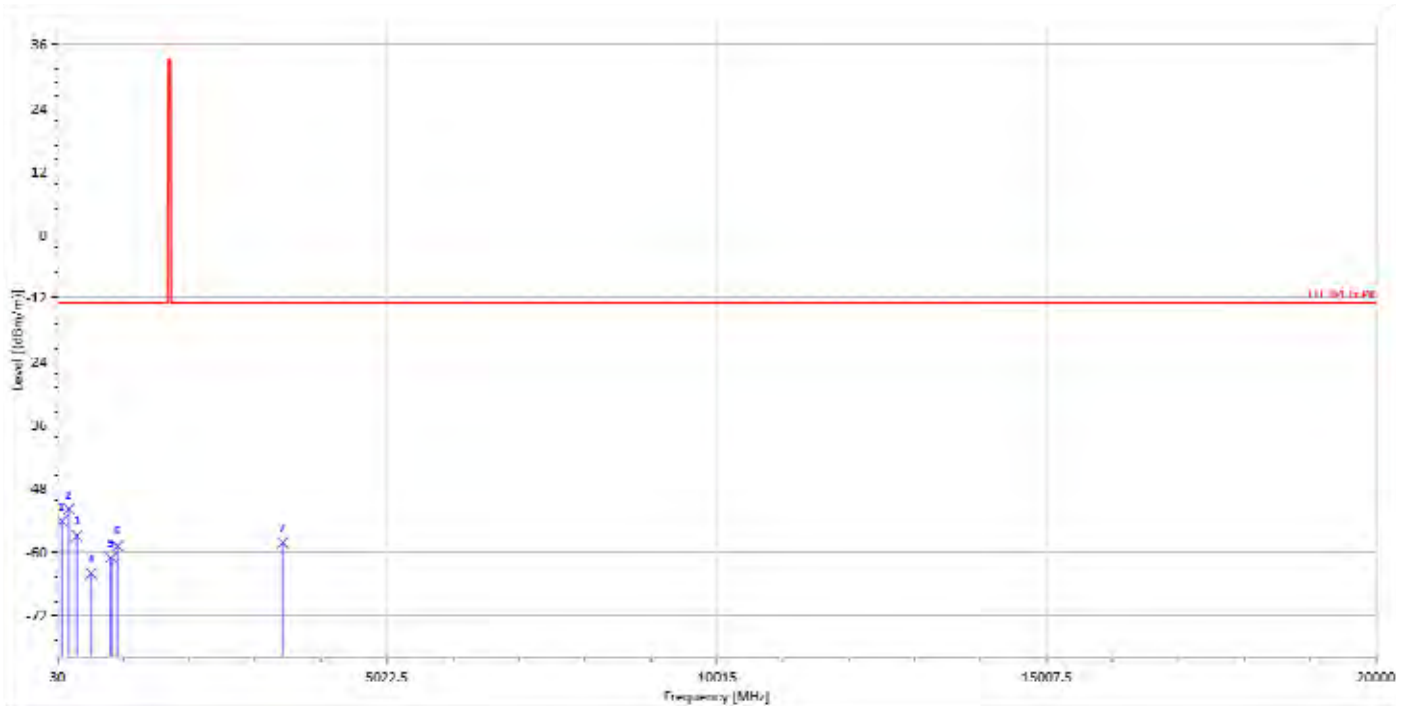
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 4 (The Worst Case)

LTEB4 20M 64QAM RB
 Operation Mode : 1.99 Test Date : 2017/9/27
 Fundamental Frequency : 1720.0 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Low Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 97.90 | S | -54.28 | -51.88 | -1.04 | -1.36 | -13 | -41.28 |
| 204.60 | S | -51.98 | -55.85 | 5.88 | -2.01 | -13 | -38.98 |
| 328.76 | S | -57.06 | -60.39 | 5.93 | -2.60 | -13 | -44.06 |
| 546.04 | S | -64.12 | -67.24 | 6.52 | -3.40 | -13 | -51.12 |
| 841.89 | S | -61.12 | -64.67 | 7.79 | -4.25 | -13 | -48.12 |
| 936.95 | S | -58.88 | -62.33 | 7.95 | -4.49 | -13 | -45.88 |
| 3440.00 | H | -58.23 | -59.55 | 10.03 | -8.71 | -13 | -45.23 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

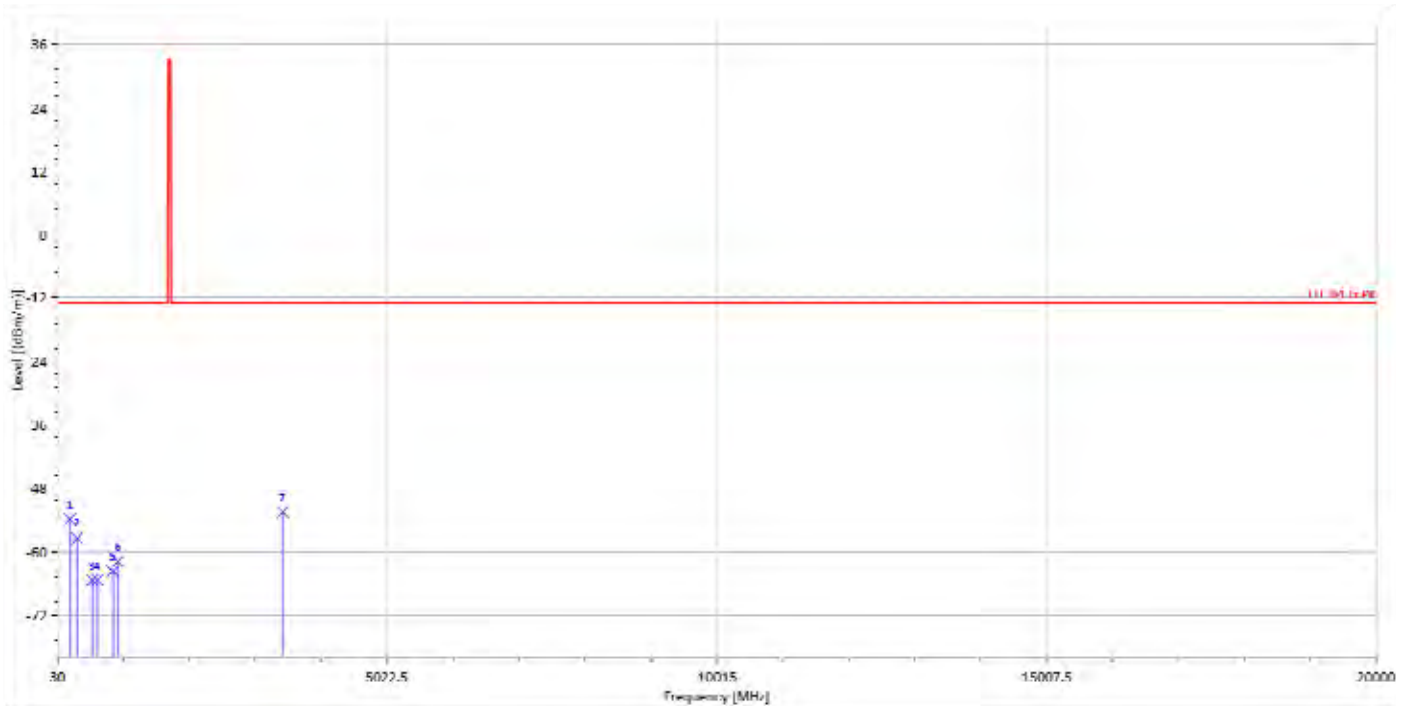
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|------------|----------------------------|----------------|
| LTEB4 20M 64QAM RB | | | |
| Operation Mode : | 1.99 | Test Date : | 2017/9/27 |
| Fundamental Frequency : | 1720.0 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 222.06 | S | -53.90 | -58.09 | 6.29 | -2.10 | -13 | -40.90 |
| 332.64 | S | -57.45 | -60.79 | 5.94 | -2.61 | -13 | -44.45 |
| 564.47 | S | -65.44 | -68.65 | 6.65 | -3.44 | -13 | -52.44 |
| 643.04 | S | -65.44 | -68.90 | 7.14 | -3.68 | -13 | -52.44 |
| 870.02 | S | -63.69 | -67.19 | 7.84 | -4.34 | -13 | -50.69 |
| 942.77 | S | -61.88 | -65.33 | 7.95 | -4.51 | -13 | -48.88 |
| 3440.00 | H | -52.57 | -53.89 | 10.03 | -8.71 | -13 | -39.57 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

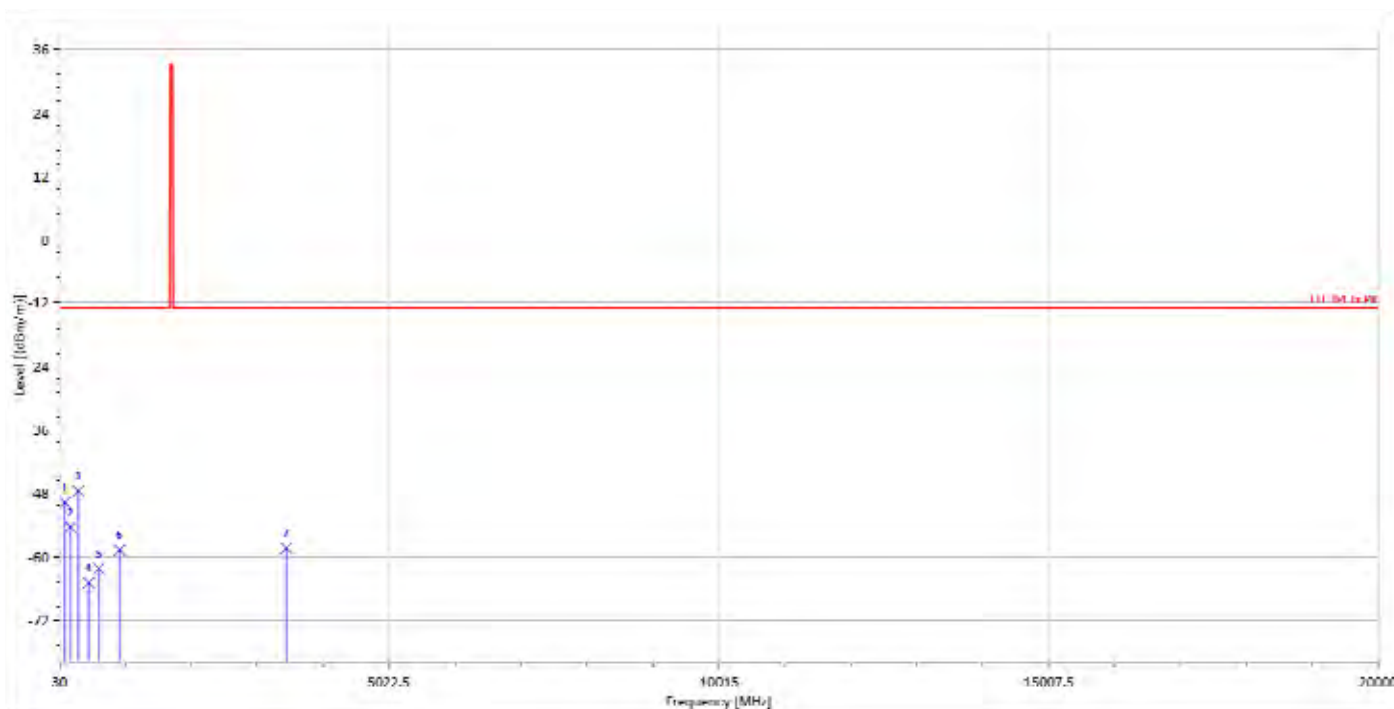
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|------------|----------------------------|----------------|
| | | LTEB4 20M 64QAM RB | |
| Operation Mode : | 1.99 | Test Date : | 2017/9/27 |
| Fundamental Frequency : | 1732.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 110.51 | S | -49.73 | -46.64 | -1.64 | -1.45 | -13 | -36.73 |
| 194.90 | S | -54.52 | -58.36 | 5.81 | -1.96 | -13 | -41.52 |
| 318.09 | S | -47.55 | -50.90 | 5.90 | -2.55 | -13 | -34.55 |
| 478.14 | S | -64.97 | -68.22 | 6.40 | -3.14 | -13 | -51.97 |
| 634.31 | S | -62.26 | -65.71 | 7.11 | -3.66 | -13 | -49.26 |
| 937.92 | S | -58.71 | -62.16 | 7.95 | -4.49 | -13 | -45.71 |
| 3465.00 | H | -58.34 | -59.69 | 10.08 | -8.73 | -13 | -45.34 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

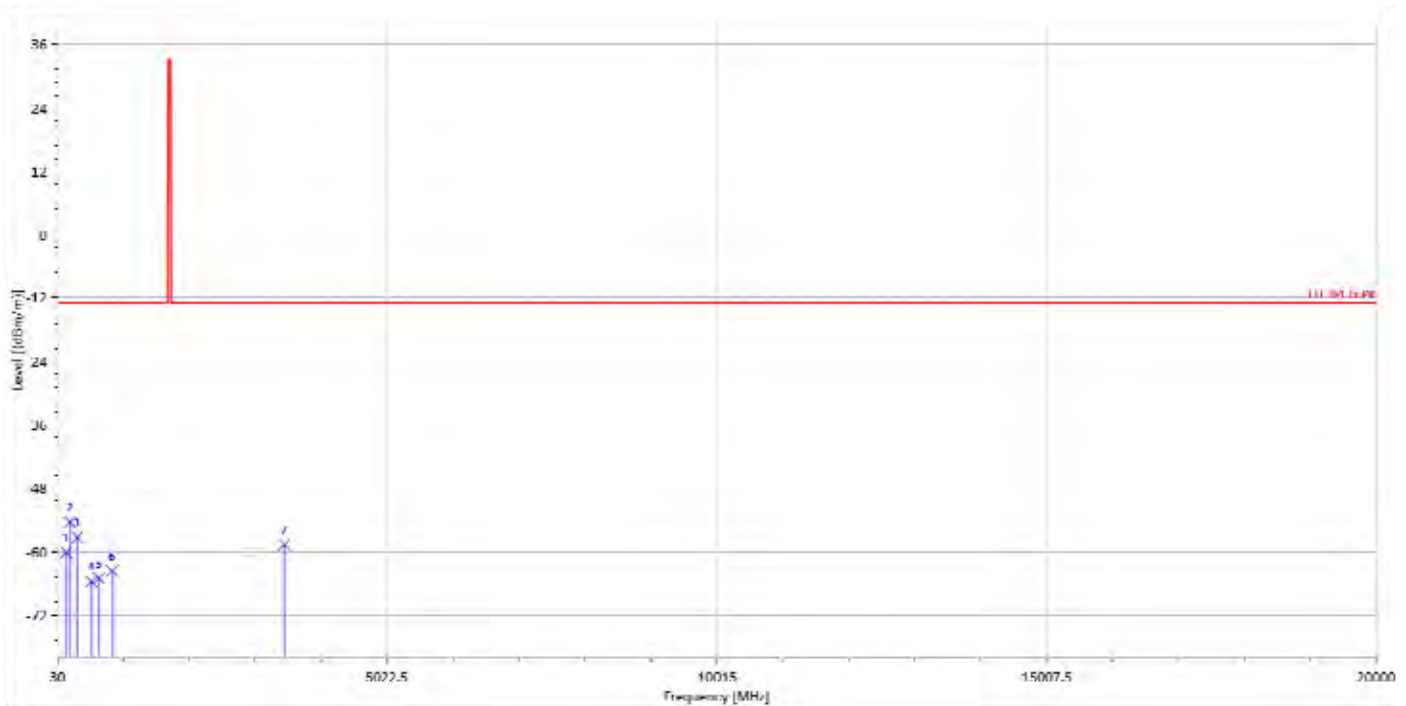
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|------------|----------------------------|----------------|
| LTEB4 20M 64QAM RB | | | |
| Operation Mode : | 1.99 | Test Date : | 2017/9/27 |
| Fundamental Frequency : | 1732.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 164.83 | S | -60.10 | -62.03 | 3.74 | -1.80 | -13 | -47.10 |
| 222.06 | S | -54.50 | -58.69 | 6.29 | -2.10 | -13 | -41.50 |
| 333.61 | S | -57.32 | -60.66 | 5.95 | -2.61 | -13 | -44.32 |
| 549.92 | S | -65.70 | -68.81 | 6.52 | -3.41 | -13 | -52.70 |
| 665.35 | S | -65.05 | -68.66 | 7.34 | -3.73 | -13 | -52.05 |
| 860.32 | S | -63.66 | -67.17 | 7.82 | -4.31 | -13 | -50.66 |
| 3465.00 | H | -58.62 | -59.97 | 10.08 | -8.73 | -13 | -45.62 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

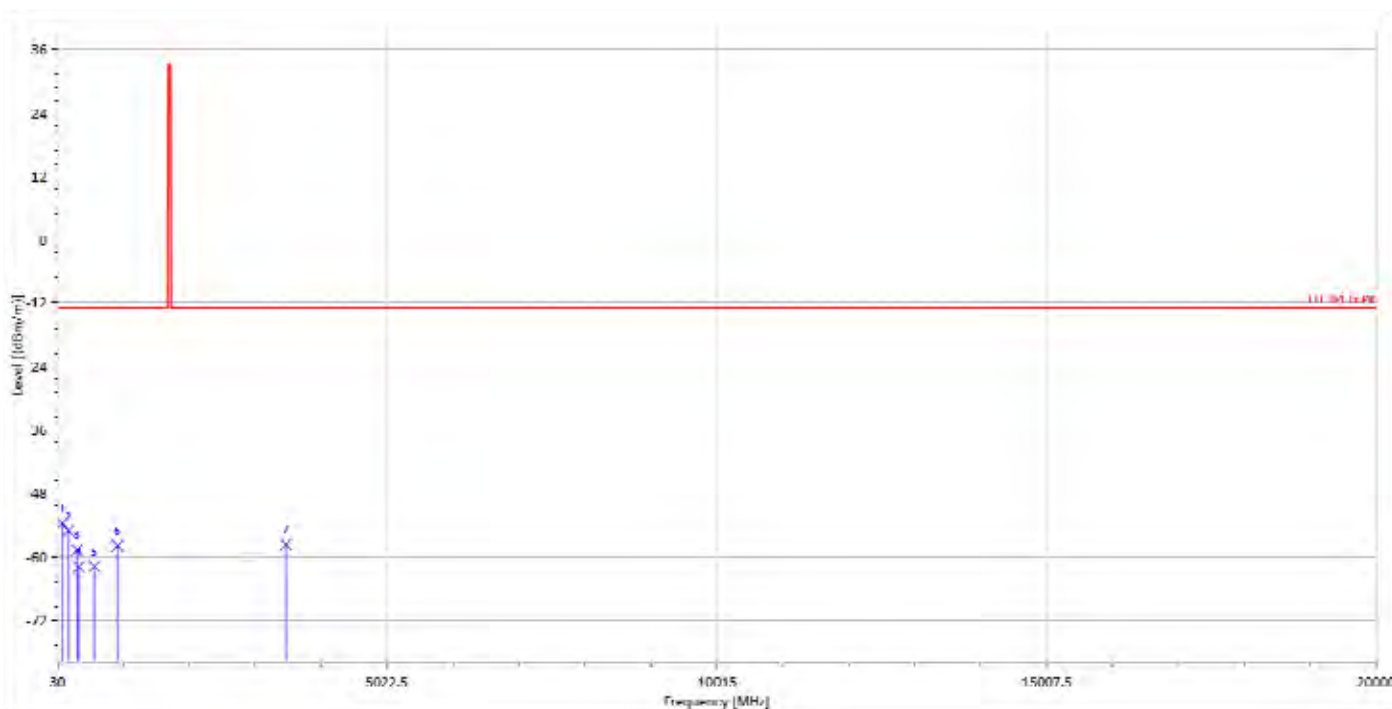
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

LTEB4 20M 64QAM RB

| | | | |
|-------------------------|------------|----------------------------|----------------|
| Operation Mode : | 1.99 | Test Date : | 2017/9/28 |
| Fundamental Frequency : | 1745 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 103.72 | S | -53.76 | -50.92 | -1.43 | -1.41 | -13 | -40.76 |
| 197.81 | S | -55.20 | -58.98 | 5.76 | -1.98 | -13 | -42.20 |
| 331.67 | S | -58.67 | -62.01 | 5.94 | -2.61 | -13 | -45.67 |
| 357.86 | S | -61.92 | -65.17 | 5.95 | -2.70 | -13 | -48.92 |
| 596.48 | S | -61.86 | -65.25 | 6.94 | -3.56 | -13 | -48.86 |
| 936.95 | S | -57.91 | -61.37 | 7.95 | -4.49 | -13 | -44.91 |
| 3490.00 | H | -57.66 | -59.04 | 10.13 | -8.75 | -13 | -44.66 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

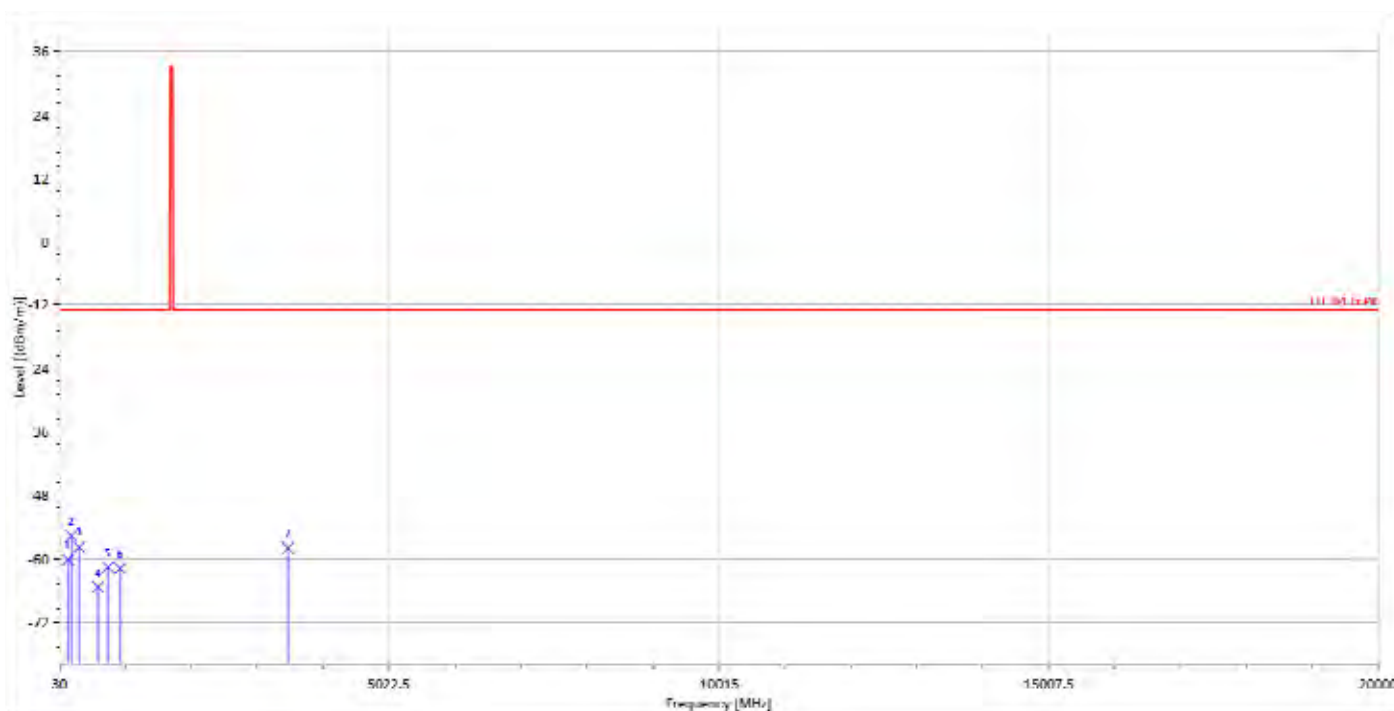
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

LTEB4 20M 64QAM RB

| | | | |
|-------------------------|------------|----------------------------|----------------|
| Operation Mode : | 1.99 | Test Date : | 2017/9/27 |
| Fundamental Frequency : | 1745 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 161.92 | S | -60.17 | -61.80 | 3.41 | -1.78 | -13 | -47.17 |
| 213.33 | S | -55.78 | -59.88 | 6.16 | -2.06 | -13 | -42.78 |
| 330.70 | S | -57.79 | -61.13 | 5.94 | -2.60 | -13 | -44.79 |
| 620.73 | S | -65.42 | -68.84 | 7.05 | -3.63 | -13 | -52.42 |
| 773.02 | S | -61.58 | -65.30 | 7.74 | -4.02 | -13 | -48.58 |
| 946.65 | S | -61.84 | -65.29 | 7.96 | -4.51 | -13 | -48.84 |
| 3490.00 | H | -57.97 | -59.34 | 10.13 | -8.75 | -13 | -44.97 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

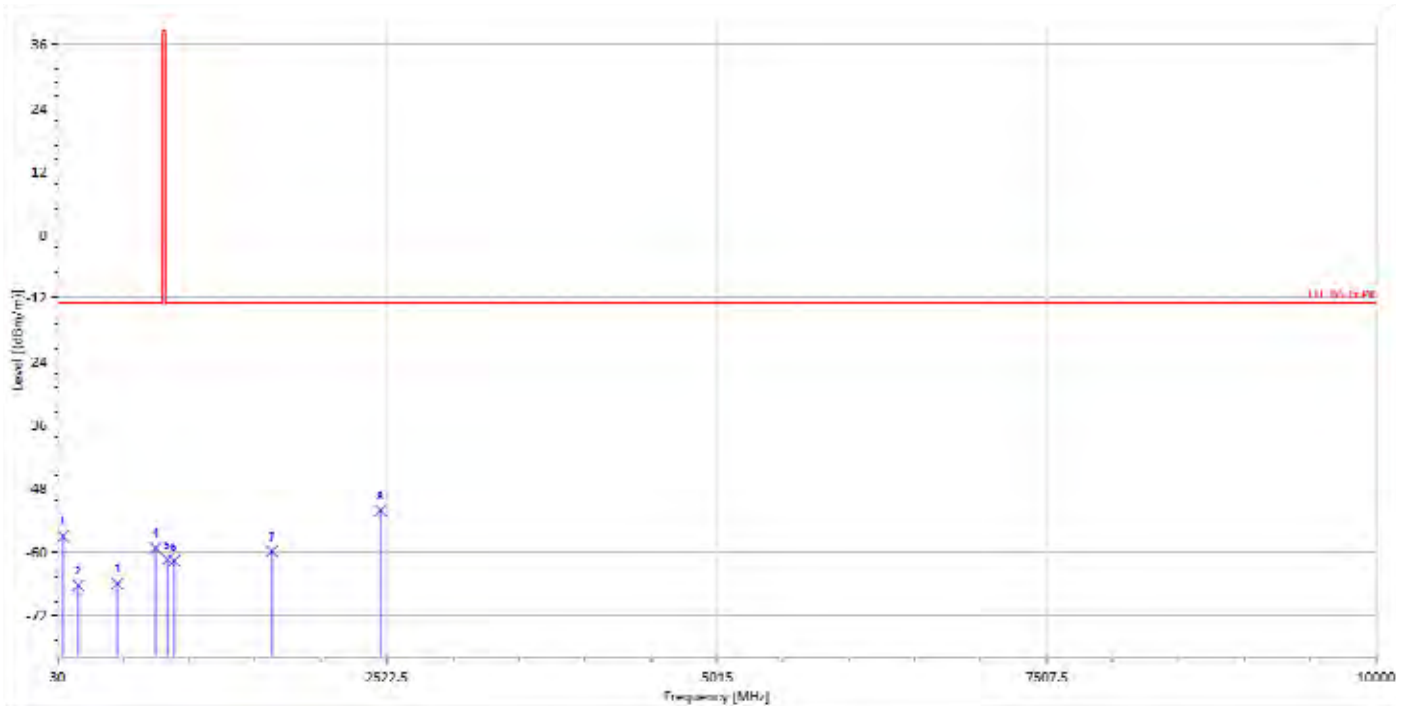
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 5 (The Worst Case)

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| | LTEB5 1.4M 16QAM RB | | |
| Operation Mode : | 1.0 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 824.7 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 71.71 | S | -57.12 | -54.07 | -1.90 | -1.15 | -13 | -44.12 |
| 189.08 | S | -66.39 | -68.55 | 4.10 | -1.93 | -13 | -53.39 |
| 481.05 | S | -66.12 | -66.85 | 3.88 | -3.15 | -13 | -53.12 |
| 773.02 | S | -59.28 | -60.45 | 5.19 | -4.02 | -13 | -46.28 |
| 864.20 | S | -61.49 | -62.27 | 5.10 | -4.32 | -13 | -48.49 |
| 915.61 | S | -61.74 | -62.60 | 5.29 | -4.44 | -13 | -48.74 |
| 1649.40 | H | -59.91 | -60.03 | 6.57 | -6.45 | -13 | -46.91 |
| 2474.10 | H | -52.26 | -52.99 | 8.52 | -7.79 | -13 | -39.26 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

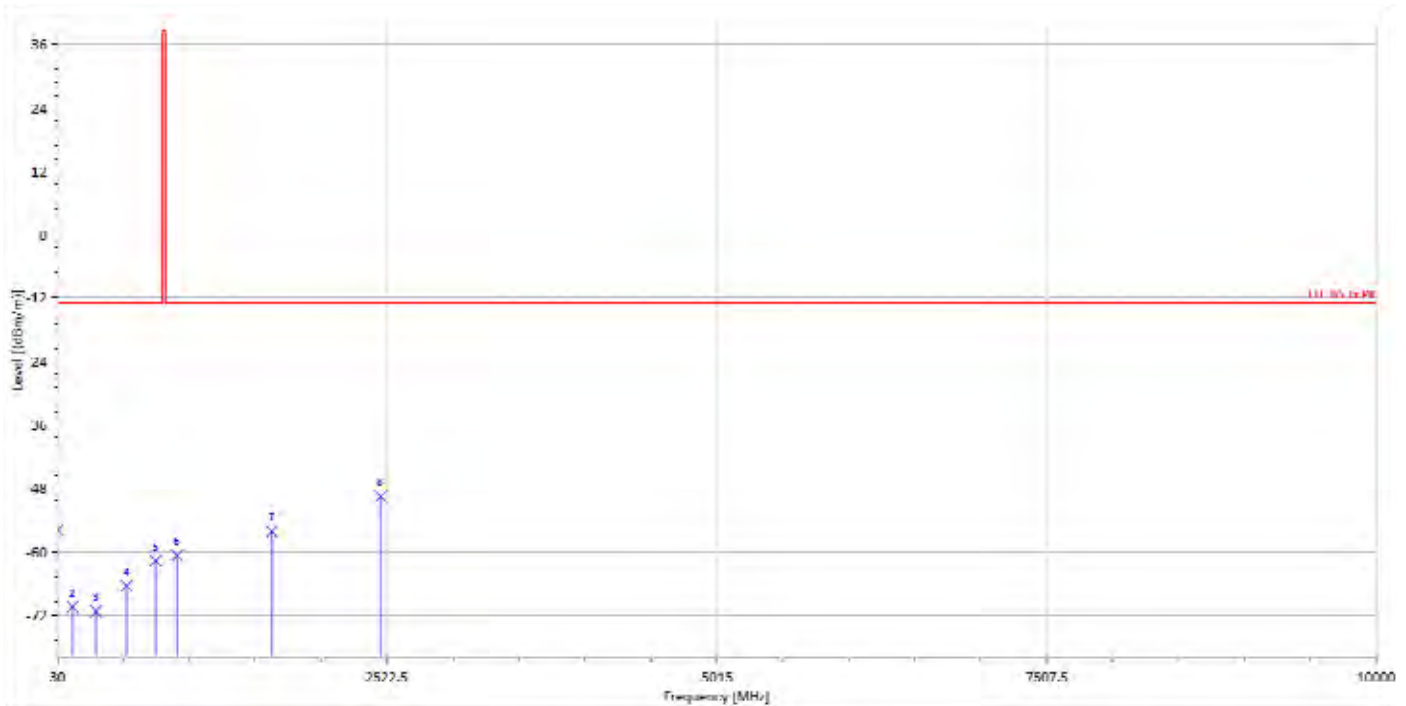
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| LTEB5 1.4M 16QAM RB | | | |
| Operation Mode : | 1.0 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 824.7 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 32.91 | S | -55.95 | -35.15 | -19.97 | -0.83 | -13 | -42.95 |
| 146.40 | S | -70.55 | -68.60 | -0.26 | -1.69 | -13 | -57.55 |
| 324.88 | S | -71.31 | -72.20 | 3.47 | -2.58 | -13 | -58.31 |
| 551.86 | S | -66.54 | -67.11 | 3.98 | -3.41 | -13 | -53.54 |
| 774.96 | S | -61.73 | -62.89 | 5.19 | -4.03 | -13 | -48.73 |
| 937.92 | S | -60.70 | -61.58 | 5.37 | -4.49 | -13 | -47.70 |
| 1649.40 | H | -56.26 | -56.38 | 6.57 | -6.45 | -13 | -43.26 |
| 2474.10 | H | -49.56 | -50.29 | 8.52 | -7.79 | -13 | -36.56 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

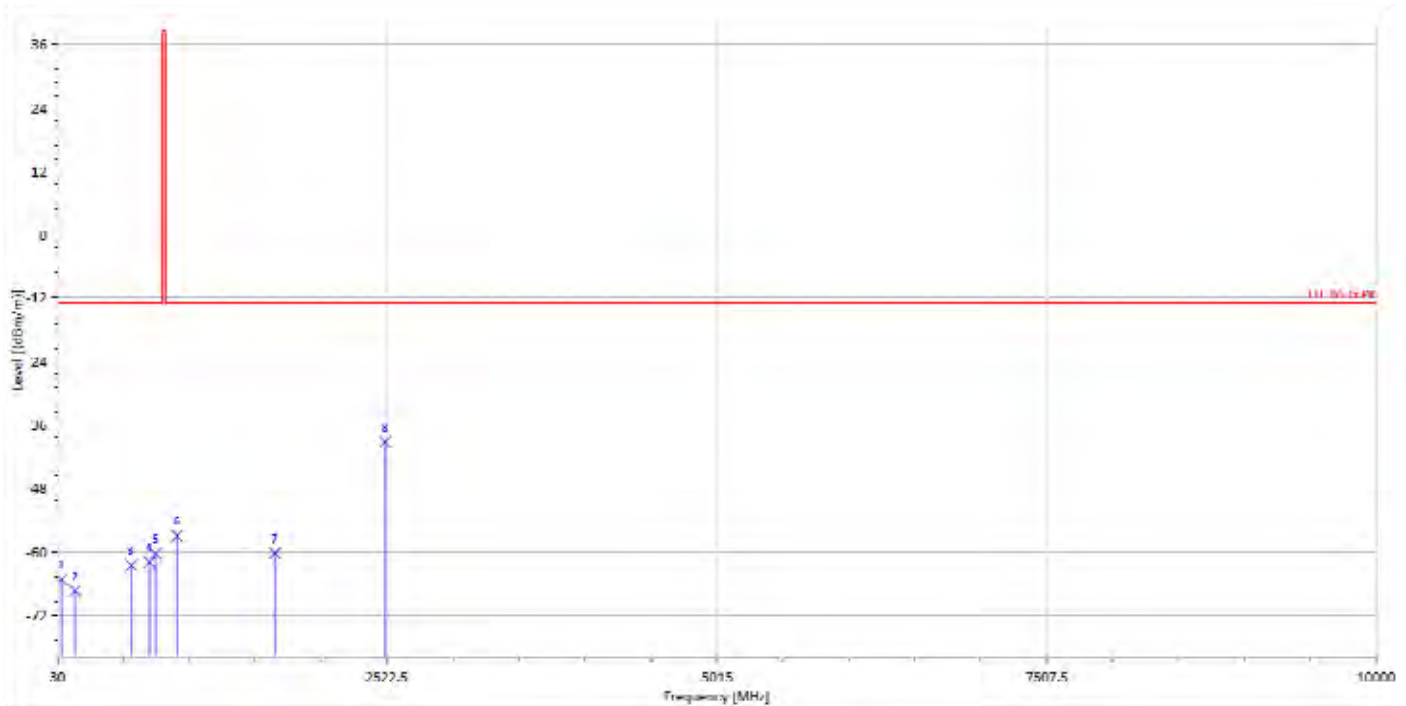
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| LTEB5 1.4M 16QAM RB | | | |
| Operation Mode : | 1.0 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 836.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 61.04 | S | -65.32 | -61.21 | -3.05 | -1.06 | -13 | -52.32 |
| 162.89 | S | -67.45 | -67.36 | 1.70 | -1.79 | -13 | -54.45 |
| 587.75 | S | -62.59 | -63.31 | 4.23 | -3.52 | -13 | -49.59 |
| 727.43 | S | -61.96 | -63.18 | 5.11 | -3.89 | -13 | -48.96 |
| 773.99 | S | -60.37 | -61.53 | 5.19 | -4.03 | -13 | -47.37 |
| 937.92 | S | -57.05 | -57.93 | 5.37 | -4.49 | -13 | -44.05 |
| 1673.00 | H | -60.25 | -60.41 | 6.65 | -6.49 | -13 | -47.25 |
| 2509.50 | H | -39.32 | -40.04 | 8.55 | -7.83 | -13 | -26.32 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

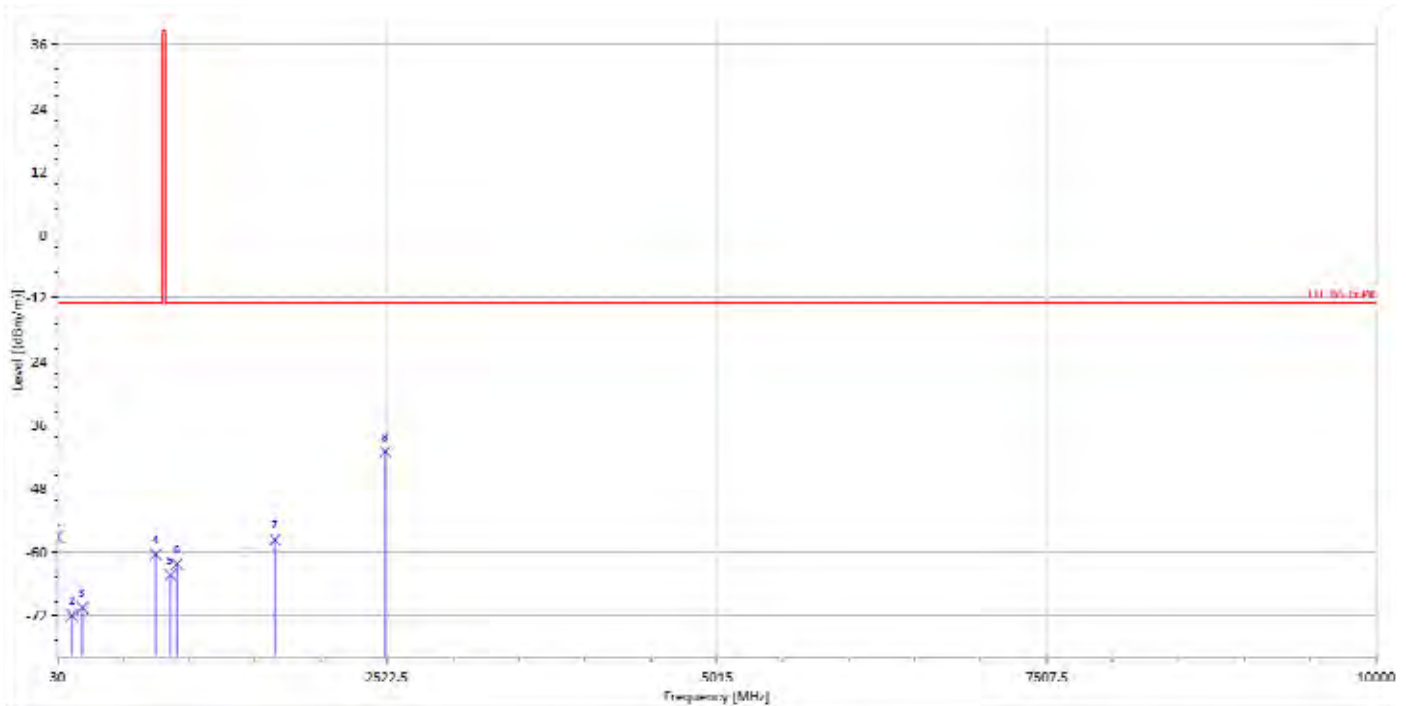
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| LTEB5 1.4M 16QAM RB | | | |
| Operation Mode : | 1.0 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 836.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 31.94 | S | -57.21 | -35.56 | -20.82 | -0.83 | -13 | -44.21 |
| 140.58 | S | -72.05 | -69.26 | -1.13 | -1.65 | -13 | -59.05 |
| 220.12 | S | -70.68 | -72.60 | 4.00 | -2.09 | -13 | -57.68 |
| 773.99 | S | -60.47 | -61.63 | 5.19 | -4.03 | -13 | -47.47 |
| 887.48 | S | -64.43 | -65.24 | 5.19 | -4.38 | -13 | -51.43 |
| 937.92 | S | -62.31 | -63.18 | 5.37 | -4.49 | -13 | -49.31 |
| 1673.00 | H | -57.71 | -57.87 | 6.65 | -6.49 | -13 | -44.71 |
| 2509.50 | H | -41.14 | -41.86 | 8.55 | -7.83 | -13 | -28.14 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

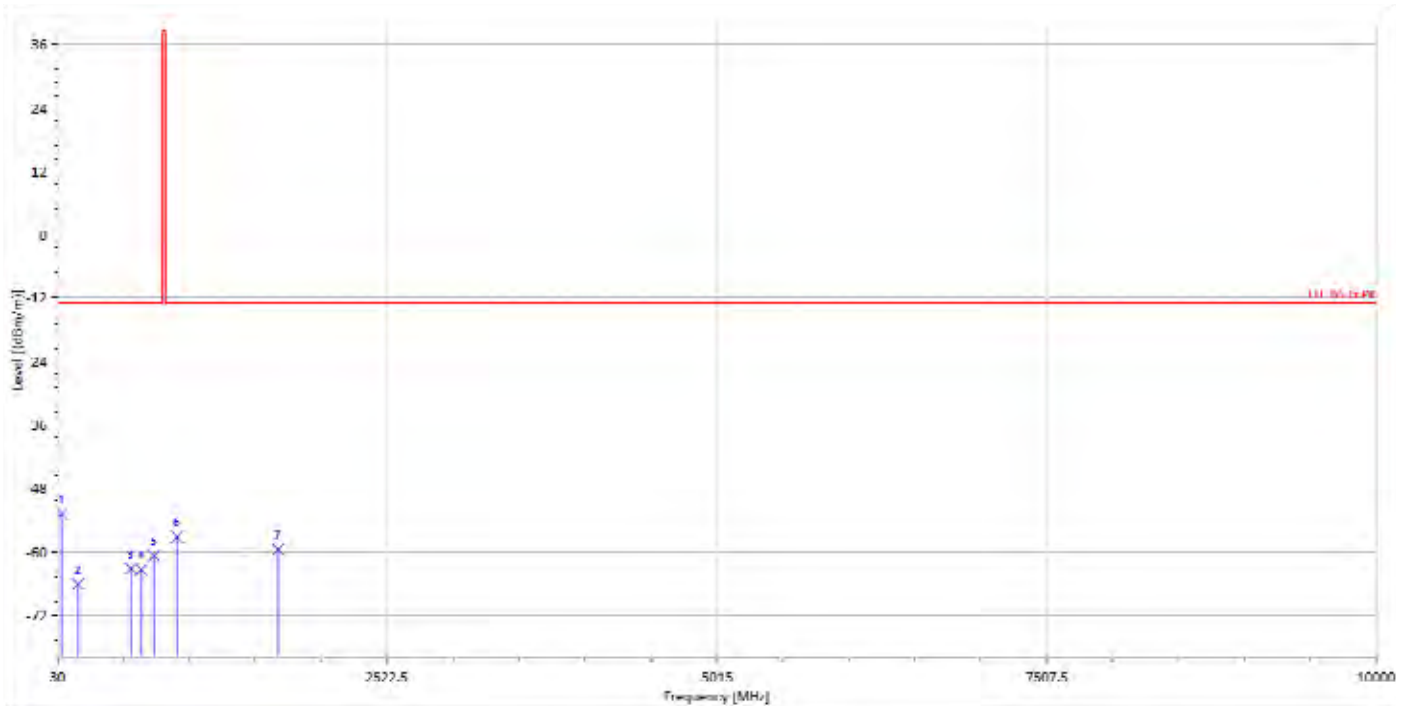
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|------------|----------------------------|----------------|
| | | LTEB5 1.4M 16QAM RB | |
| Operation Mode : | 1.0 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 848.3 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 61.04 | S | -52.90 | -48.79 | -3.05 | -1.06 | -13 | -39.90 |
| 188.11 | S | -66.22 | -68.34 | 4.05 | -1.93 | -13 | -53.22 |
| 586.78 | S | -63.21 | -63.92 | 4.23 | -3.52 | -13 | -50.21 |
| 664.38 | S | -63.42 | -64.44 | 4.75 | -3.73 | -13 | -50.42 |
| 761.38 | S | -60.76 | -61.96 | 5.17 | -3.98 | -13 | -47.76 |
| 937.92 | S | -57.25 | -58.13 | 5.37 | -4.49 | -13 | -44.25 |
| 1696.60 | H | -59.55 | -59.77 | 6.76 | -6.55 | -13 | -46.55 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

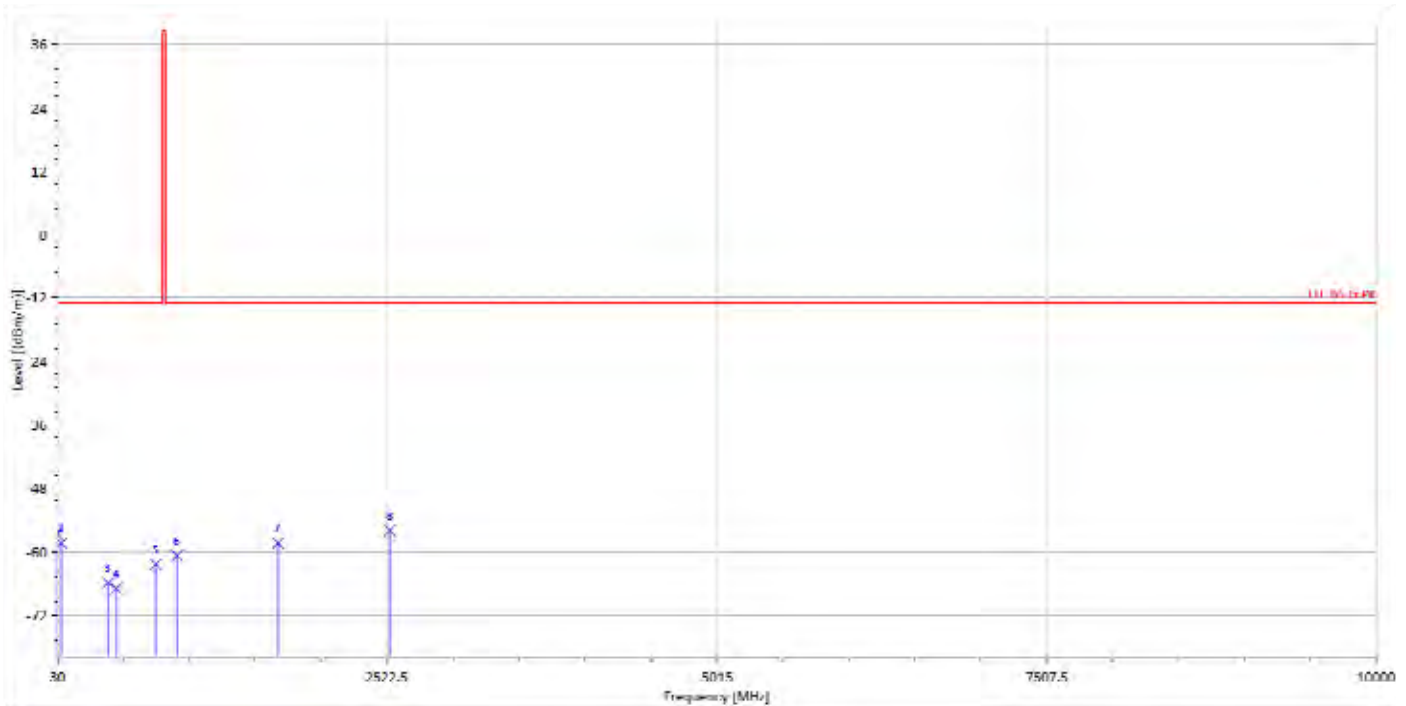
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|------------|----------------------------|----------------|
| LTEB5 1.4M 16QAM RB | | | |
| Operation Mode : | 1.0 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 848.3 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 30.97 | S | -56.75 | -34.26 | -21.66 | -0.82 | -13 | -43.75 |
| 59.10 | S | -58.34 | -53.76 | -3.54 | -1.04 | -13 | -45.34 |
| 416.06 | S | -65.91 | -66.31 | 3.33 | -2.94 | -13 | -52.91 |
| 474.26 | S | -67.03 | -67.72 | 3.82 | -3.13 | -13 | -54.03 |
| 774.96 | S | -62.38 | -63.54 | 5.19 | -4.03 | -13 | -49.38 |
| 937.92 | S | -60.71 | -61.58 | 5.37 | -4.49 | -13 | -47.71 |
| 1696.60 | H | -58.32 | -58.53 | 6.76 | -6.55 | -13 | -45.32 |
| 2544.90 | H | -56.06 | -56.78 | 8.60 | -7.87 | -13 | -43.06 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

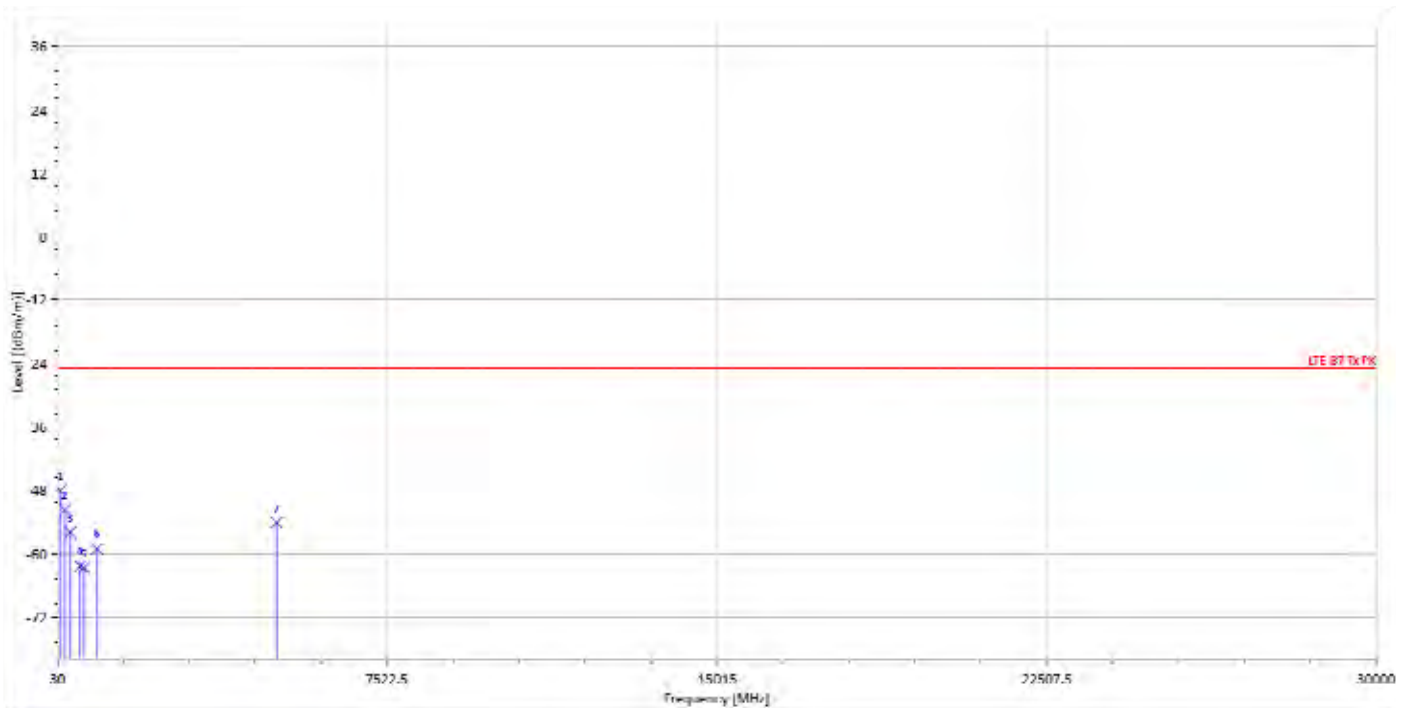
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 7 (The Worst Case)

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| | LTE B7 10M QPSK RB | | |
| Operation Mode : | 1.49 | Test Date : | 2017/9/27 |
| Fundamental Frequency : | 2505.0 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |

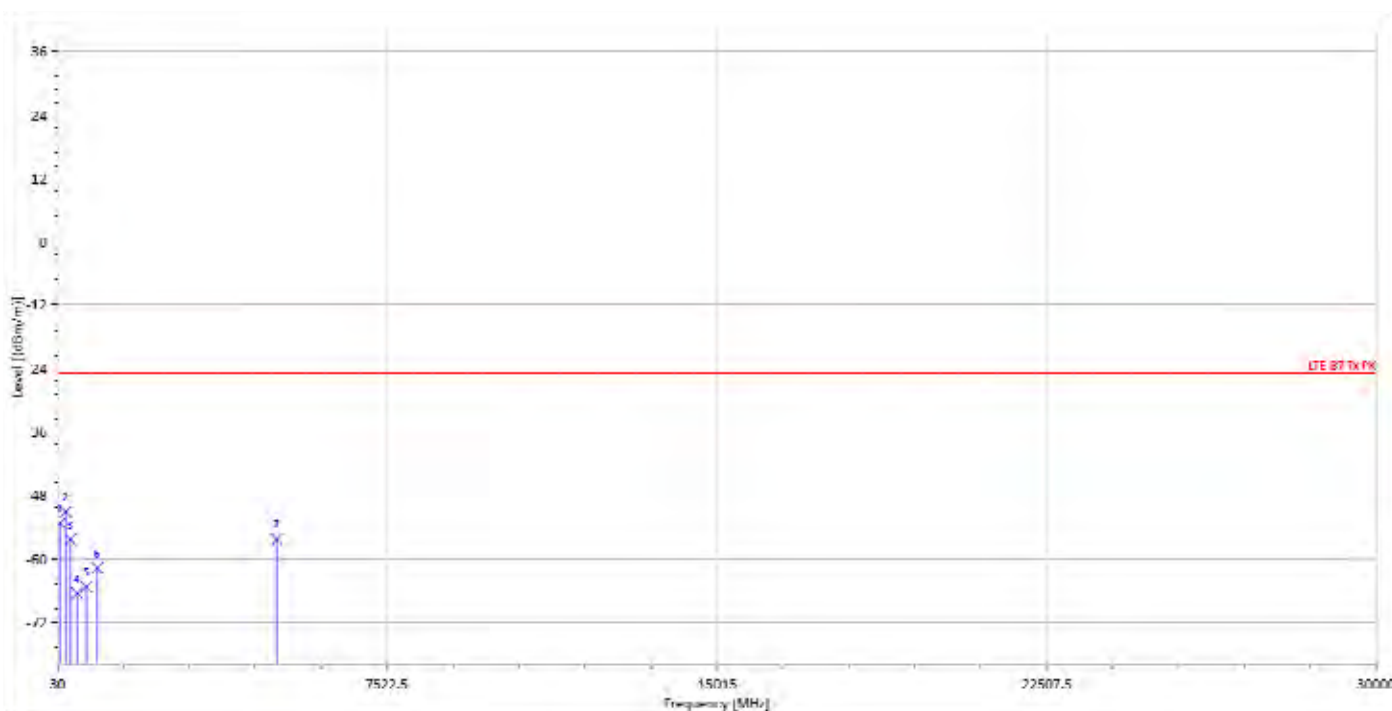


| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 100.81 | S | -48.03 | -45.33 | -1.32 | -1.39 | -25 | -23.03 |
| 203.63 | S | -51.78 | -55.62 | 5.85 | -2.01 | -25 | -26.78 |
| 324.88 | S | -56.04 | -59.38 | 5.92 | -2.58 | -25 | -31.04 |
| 550.89 | S | -62.35 | -65.47 | 6.53 | -3.41 | -25 | -37.35 |
| 641.10 | S | -62.64 | -66.10 | 7.13 | -3.67 | -25 | -37.64 |
| 937.92 | S | -59.07 | -62.52 | 7.95 | -4.49 | -25 | -34.07 |
| 5010.00 | H | -54.20 | -56.78 | 12.51 | -9.93 | -25 | -29.20 |

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

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

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTE B7 10M QPSK RB | Test Date : | 2017/9/27 |
| Fundamental Frequency : | 1.49 | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | 2505.0 MHz | Test Engineer : | Ashton |
| EUT Pol. : | Tx CH Low | Measurement Antenna Pol. : | Horizontal |
| | E2 | | |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 90.14 | S | -53.32 | -51.90 | -0.12 | -1.30 | -25 | -28.32 |
| 222.06 | S | -51.18 | -55.37 | 6.29 | -2.10 | -25 | -26.18 |
| 328.76 | S | -56.41 | -59.74 | 5.93 | -2.60 | -25 | -31.41 |
| 483.96 | S | -66.58 | -69.84 | 6.42 | -3.17 | -25 | -41.58 |
| 694.45 | S | -65.38 | -69.22 | 7.65 | -3.81 | -25 | -40.38 |
| 942.77 | S | -61.73 | -65.18 | 7.95 | -4.51 | -25 | -36.73 |
| 5010.00 | H | -56.37 | -58.95 | 12.51 | -9.93 | -25 | -31.37 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

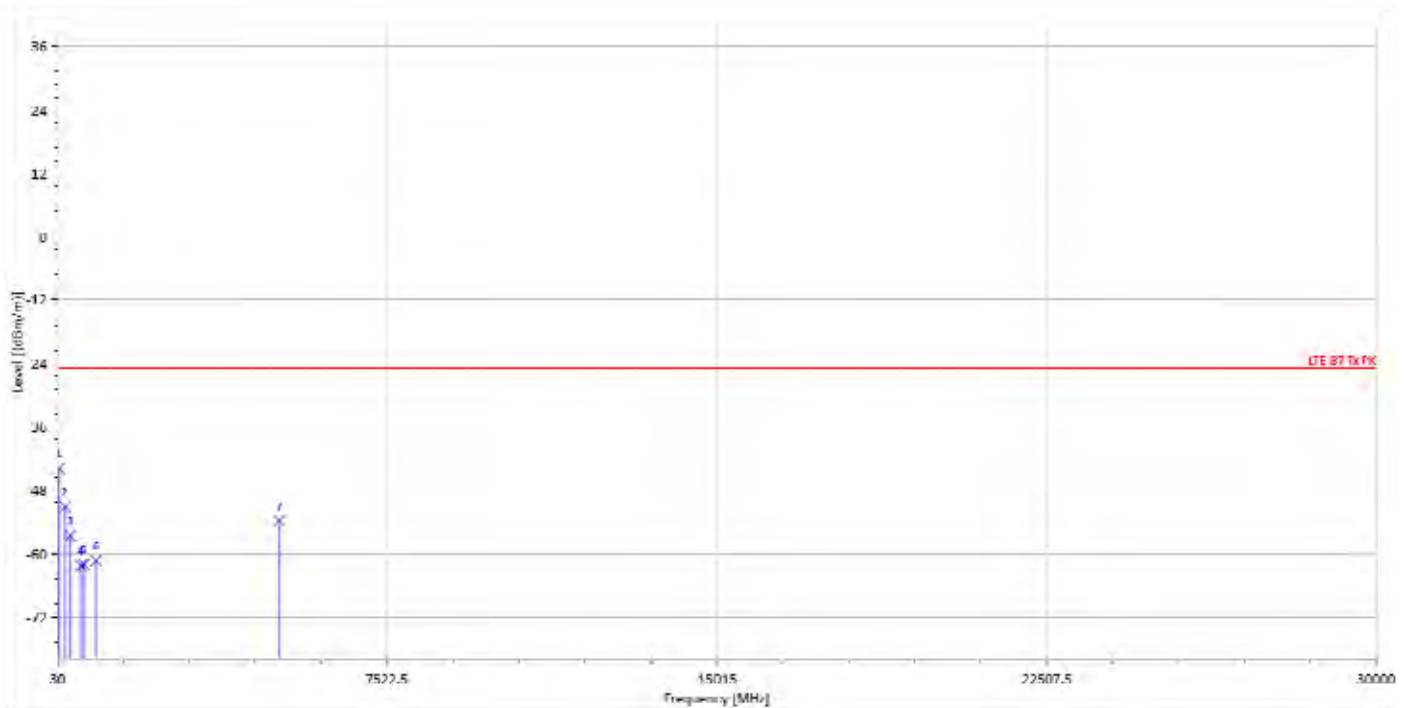
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| LTE B7 10M QPSK RB | | | |
| Operation Mode : | 1.49 | Test Date : | 2017/9/27 |
| Fundamental Frequency : | 2535 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 64.92 | S | -43.85 | -42.18 | -0.57 | -1.09 | -25 | -18.85 |
| 204.60 | S | -51.14 | -55.01 | 5.88 | -2.01 | -25 | -26.14 |
| 324.88 | S | -56.65 | -60.00 | 5.92 | -2.58 | -25 | -31.65 |
| 564.47 | S | -62.24 | -65.45 | 6.65 | -3.44 | -25 | -37.24 |
| 636.25 | S | -62.04 | -65.50 | 7.11 | -3.66 | -25 | -37.04 |
| 915.61 | S | -61.28 | -64.76 | 7.92 | -4.44 | -25 | -36.28 |
| 5070.00 | H | -53.86 | -56.45 | 12.57 | -9.98 | -25 | -28.86 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

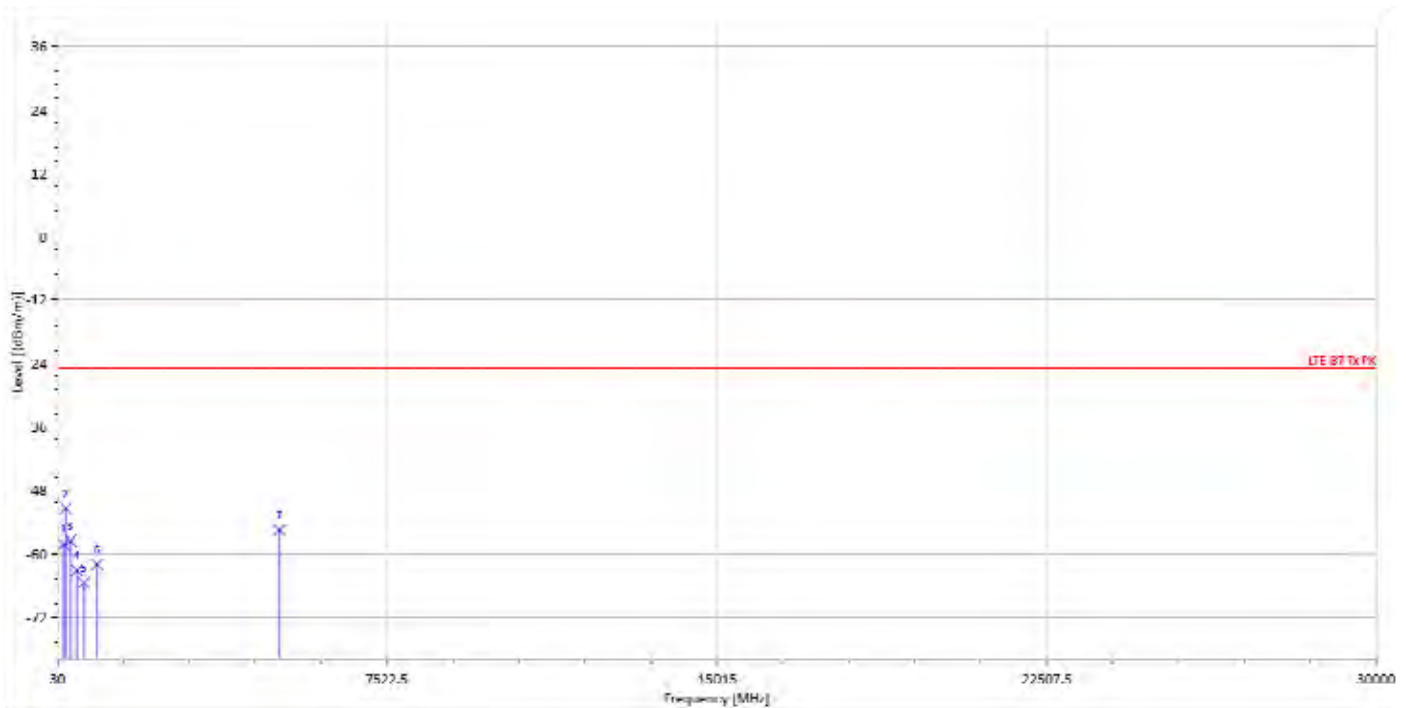
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| LTE B7 10M QPSK RB | | | |
| Operation Mode : | 1.49 | Test Date : | 2017/9/27 |
| Fundamental Frequency : | 2535 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 168.71 | S | -58.22 | -60.57 | 4.17 | -1.82 | -25 | -33.22 |
| 221.09 | S | -51.44 | -55.67 | 6.32 | -2.10 | -25 | -26.44 |
| 333.61 | S | -57.55 | -60.89 | 5.95 | -2.61 | -25 | -32.55 |
| 478.14 | S | -63.18 | -66.43 | 6.40 | -3.14 | -25 | -38.18 |
| 640.13 | S | -65.52 | -68.98 | 7.13 | -3.67 | -25 | -40.52 |
| 937.92 | S | -62.05 | -65.51 | 7.95 | -4.49 | -25 | -37.05 |
| 5070.00 | H | -55.63 | -58.22 | 12.57 | -9.98 | -25 | -30.63 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

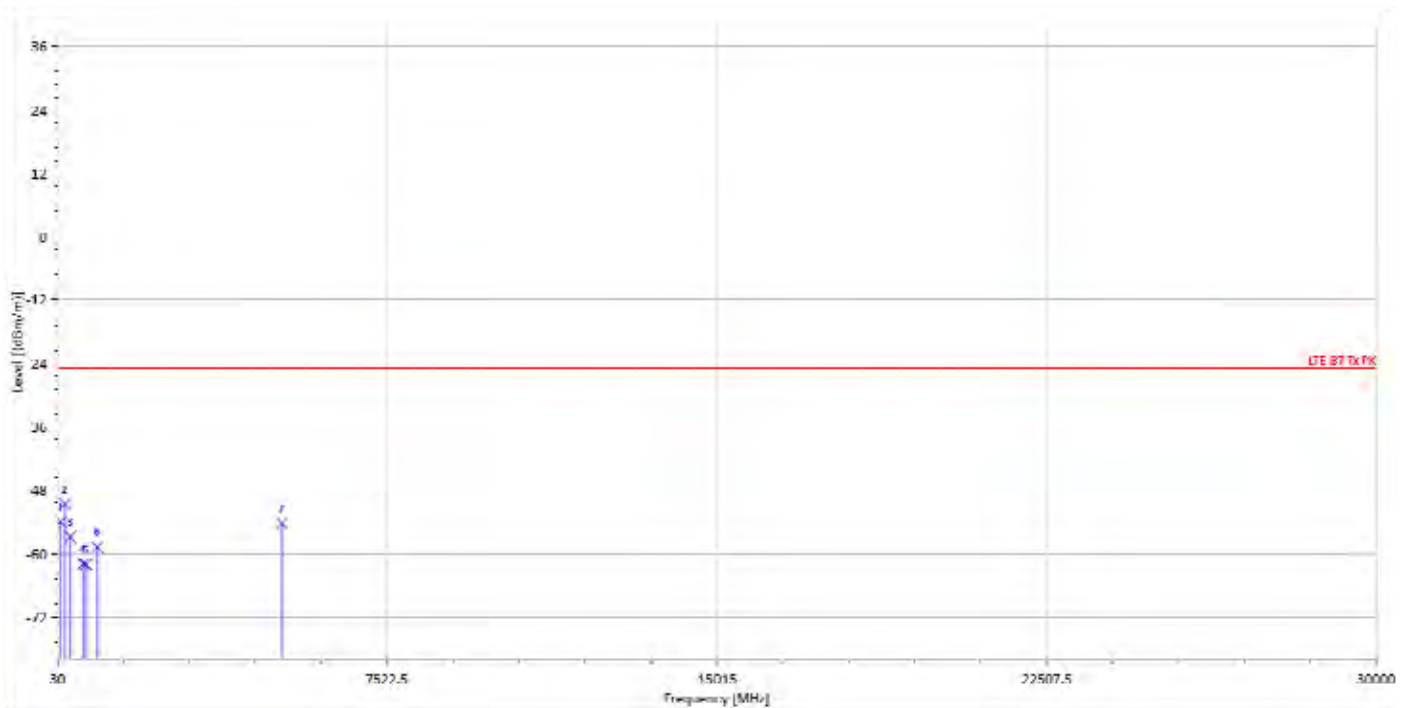
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|------------|----------------------------|----------------|
| LTE B7 10M QPSK RB | | | |
| Operation Mode : | 1.49 | Test Date : | 2017/9/27 |
| Fundamental Frequency : | 2565 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 103.72 | S | -54.07 | -51.24 | -1.43 | -1.41 | -25 | -29.07 |
| 203.63 | S | -50.63 | -54.47 | 5.85 | -2.01 | -25 | -25.63 |
| 325.85 | S | -56.83 | -60.17 | 5.92 | -2.58 | -25 | -31.83 |
| 621.70 | S | -61.93 | -65.36 | 7.06 | -3.63 | -25 | -36.93 |
| 685.72 | S | -62.03 | -65.80 | 7.56 | -3.79 | -25 | -37.03 |
| 944.71 | S | -58.75 | -62.20 | 7.96 | -4.51 | -25 | -33.75 |
| 5130.00 | H | -54.35 | -56.96 | 12.63 | -10.02 | -25 | -29.35 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

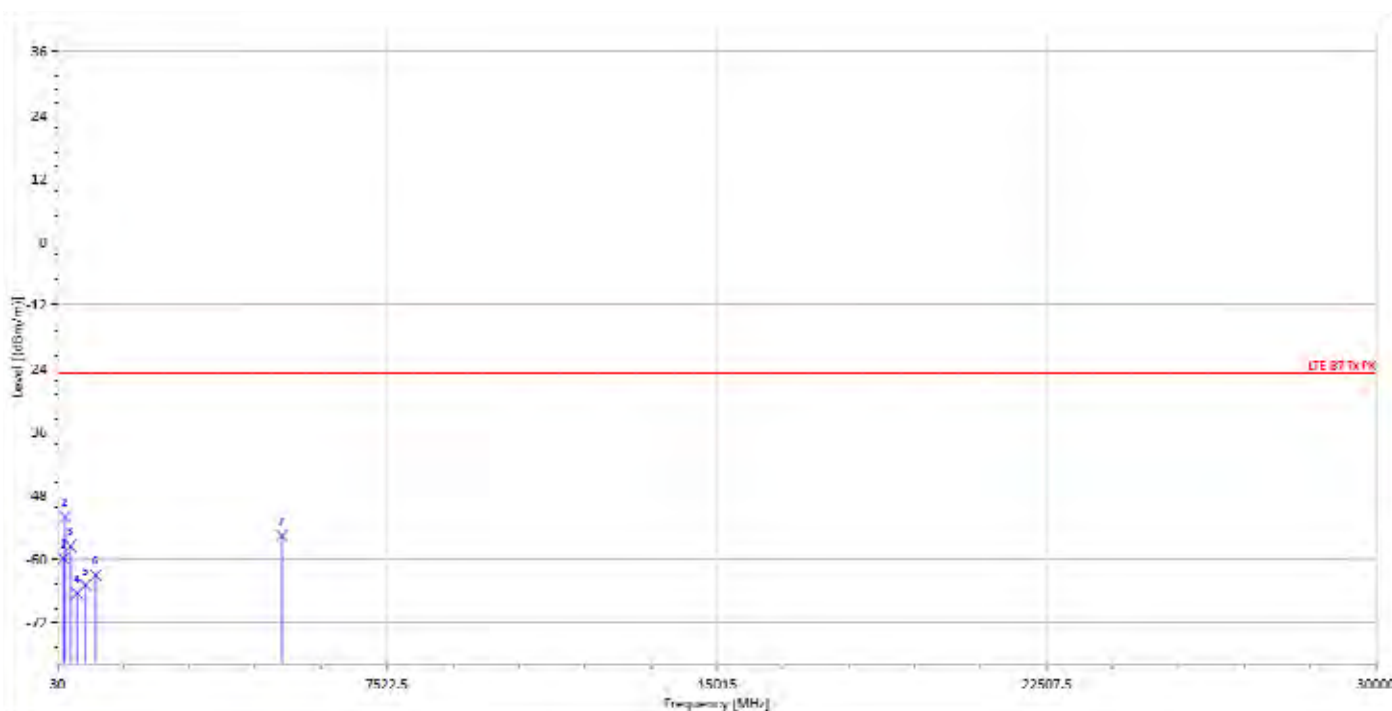
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTE B7 10M QPSK RB | Test Date : | 2017/9/27 |
| Fundamental Frequency : | 1.49 | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | 2565 MHz | Test Engineer : | Ashton |
| EUT Pol. : | Tx CH High | Measurement Antenna Pol. : | Horizontal |
| | E2 | | |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 166.77 | S | -59.92 | -62.06 | 3.96 | -1.81 | -25 | -34.92 |
| 204.60 | S | -52.12 | -55.99 | 5.88 | -2.01 | -25 | -27.12 |
| 331.67 | S | -57.59 | -60.92 | 5.94 | -2.61 | -25 | -32.59 |
| 481.05 | S | -66.62 | -69.87 | 6.41 | -3.15 | -25 | -41.62 |
| 672.14 | S | -65.03 | -68.69 | 7.41 | -3.75 | -25 | -40.03 |
| 909.79 | S | -63.14 | -66.62 | 7.91 | -4.43 | -25 | -38.14 |
| 5130.00 | H | -55.77 | -58.38 | 12.63 | -10.02 | -25 | -30.77 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

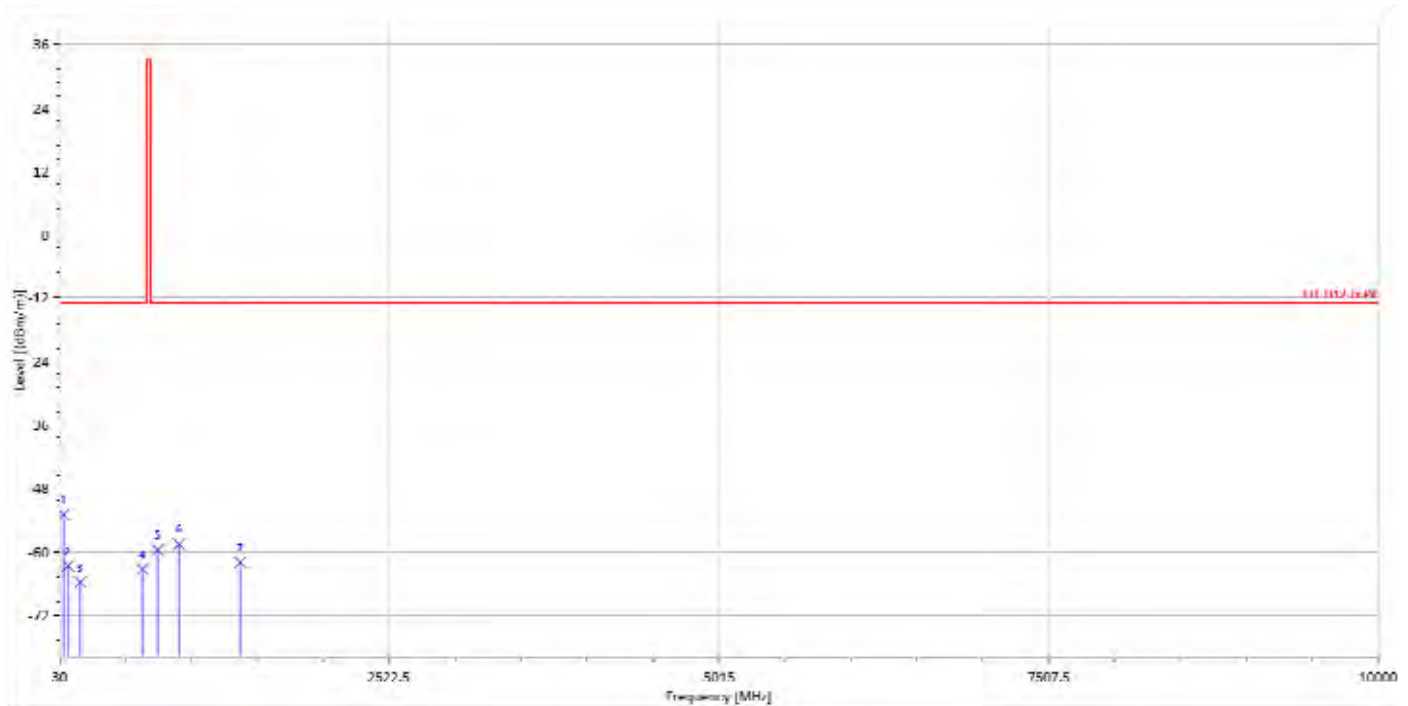
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 12 (The Worst Case)

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| | | LTEB12 1.4M 16QAM RB | |
| Operation Mode : | 1.5 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 699.7 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 62.01 | S | -53.05 | -49.05 | -2.93 | -1.07 | -13 | -40.05 |
| 95.96 | S | -62.70 | -58.44 | -2.90 | -1.35 | -13 | -49.70 |
| 189.08 | S | -65.86 | -68.02 | 4.10 | -1.93 | -13 | -52.86 |
| 657.59 | S | -63.32 | -64.29 | 4.69 | -3.72 | -13 | -50.32 |
| 773.99 | S | -59.66 | -60.82 | 5.19 | -4.03 | -13 | -46.66 |
| 937.92 | S | -58.55 | -59.43 | 5.37 | -4.49 | -13 | -45.55 |
| 1399.40 | H | -62.04 | -61.60 | 5.47 | -5.90 | -13 | -49.04 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

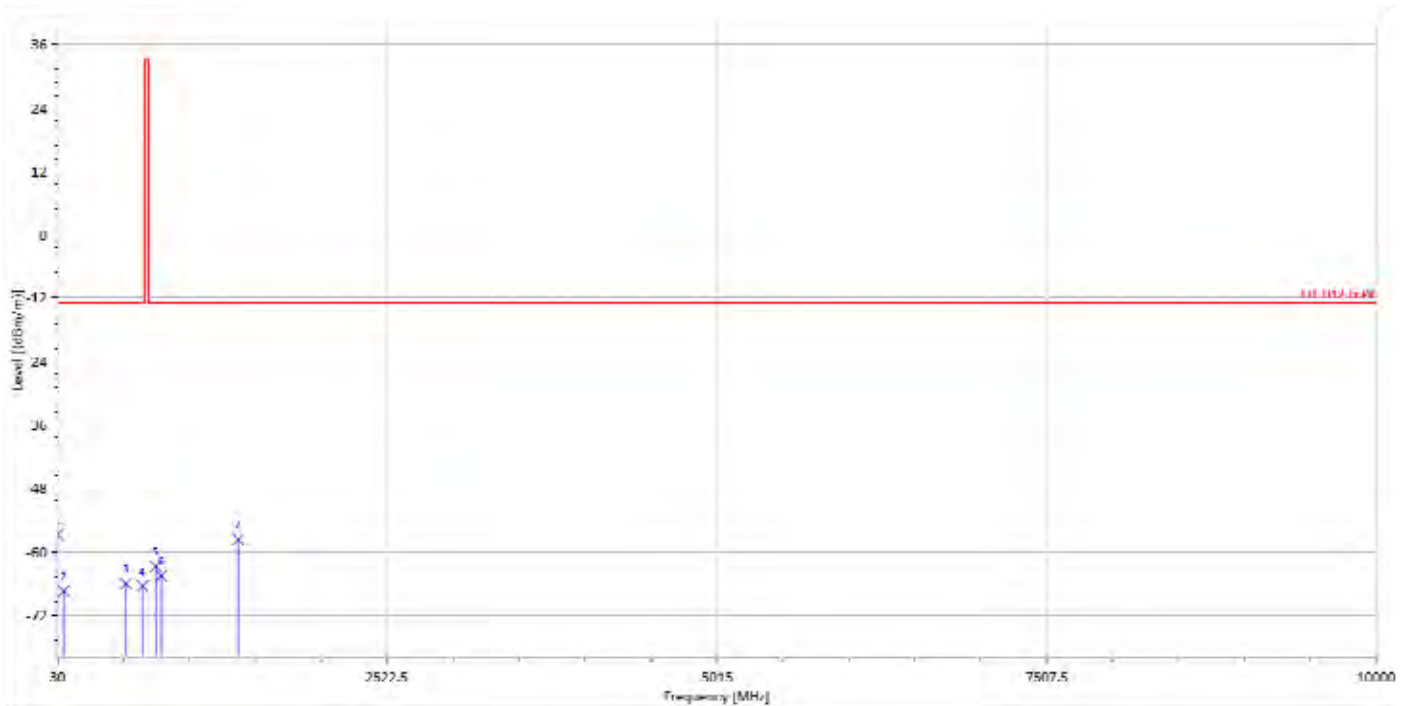
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

LTEB12 1.4M 16QAM RB

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| Operation Mode : | 1.5 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 699.7 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 31.94 | S | -56.81 | -35.16 | -20.82 | -0.83 | -13 | -43.81 |
| 78.50 | S | -67.54 | -64.61 | -1.72 | -1.21 | -13 | -54.54 |
| 546.04 | S | -66.12 | -66.70 | 3.98 | -3.40 | -13 | -53.12 |
| 674.08 | S | -66.55 | -67.63 | 4.83 | -3.75 | -13 | -53.55 |
| 776.90 | S | -62.80 | -63.95 | 5.19 | -4.04 | -13 | -49.80 |
| 816.67 | S | -64.59 | -65.60 | 5.16 | -4.15 | -13 | -51.59 |
| 1399.40 | S | -57.67 | -57.23 | 5.45 | -5.89 | -13 | -44.67 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

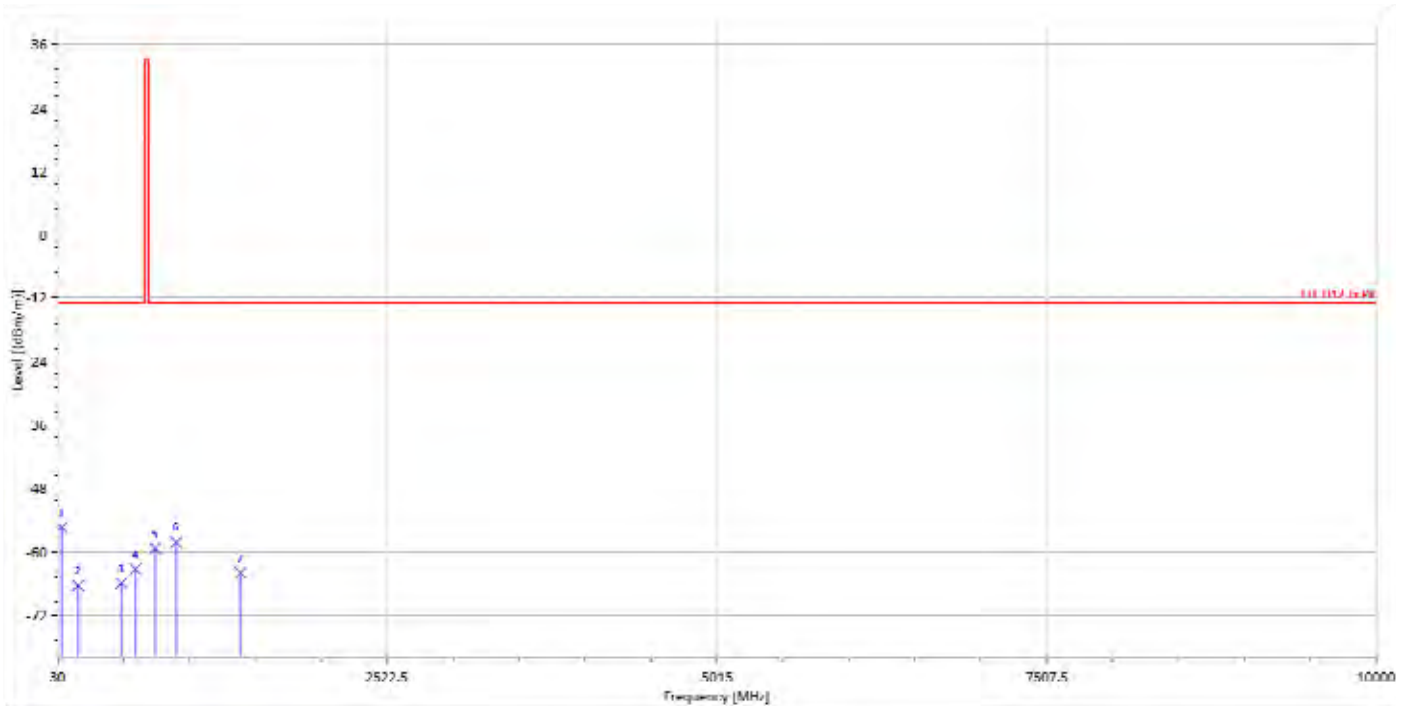
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| LTEB12 1.4M 16QAM RB | | | |
| Operation Mode : | 1.5 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 707.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 62.01 | S | -55.47 | -51.47 | -2.93 | -1.07 | -13 | -42.47 |
| 188.11 | S | -66.47 | -68.59 | 4.05 | -1.93 | -13 | -53.47 |
| 512.09 | S | -66.01 | -66.76 | 4.02 | -3.27 | -13 | -53.01 |
| 620.73 | S | -63.33 | -64.14 | 4.44 | -3.63 | -13 | -50.33 |
| 772.05 | S | -59.33 | -60.50 | 5.19 | -4.02 | -13 | -46.33 |
| 932.10 | S | -58.19 | -59.06 | 5.35 | -4.48 | -13 | -45.19 |
| 1415.00 | H | -64.01 | -63.62 | 5.54 | -5.93 | -13 | -51.01 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

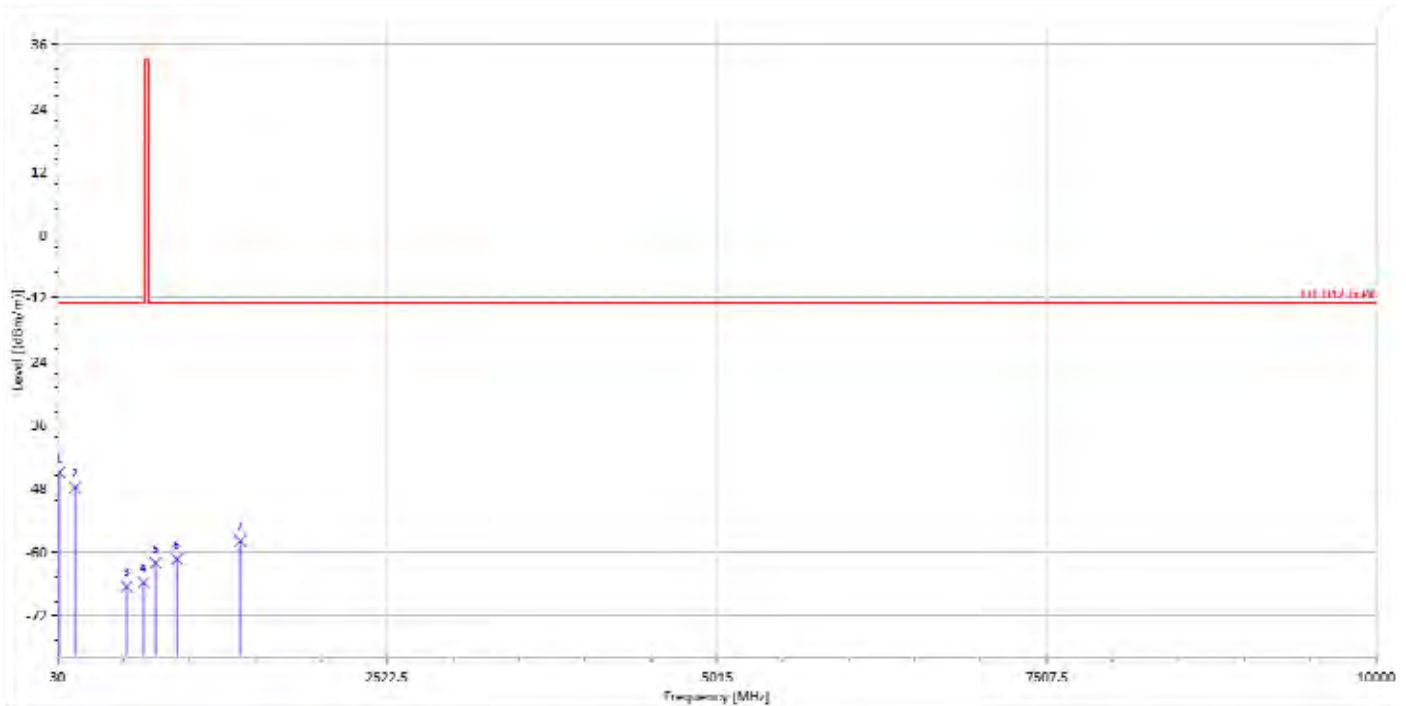
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| LTEB12 1.4M 16QAM RB | | | |
| Operation Mode : | 1.5 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 707.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 43.58 | S | -44.99 | -32.74 | -11.36 | -0.89 | -13 | -31.99 |
| 165.80 | S | -47.89 | -48.14 | 2.05 | -1.80 | -13 | -34.89 |
| 551.86 | S | -66.68 | -67.25 | 3.98 | -3.41 | -13 | -53.68 |
| 681.84 | S | -65.91 | -67.04 | 4.90 | -3.78 | -13 | -52.91 |
| 773.99 | S | -62.17 | -63.33 | 5.19 | -4.03 | -13 | -49.17 |
| 937.92 | S | -61.44 | -62.32 | 5.37 | -4.49 | -13 | -48.44 |
| 1415.00 | H | -57.96 | -57.56 | 5.54 | -5.93 | -13 | -44.96 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

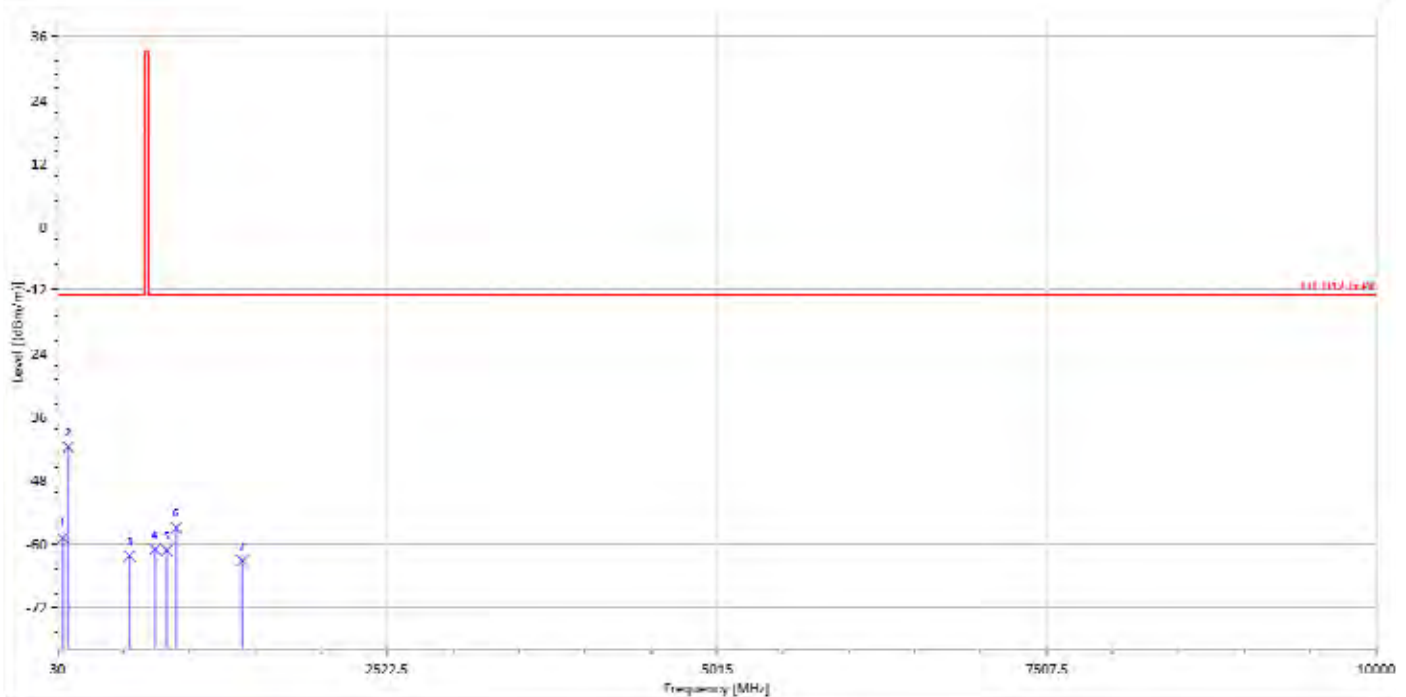
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

LTEB12 1.4M 16QAM RB

| | | | |
|-------------------------|------------|----------------------------|----------------|
| Operation Mode : | 1.5 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 715.3 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 71.71 | S | -58.90 | -55.85 | -1.90 | -1.15 | -13 | -45.90 |
| 112.45 | S | -41.77 | -36.78 | -3.52 | -1.46 | -13 | -28.77 |
| 575.14 | S | -62.32 | -62.99 | 4.15 | -3.48 | -13 | -49.32 |
| 770.11 | S | -61.03 | -62.20 | 5.18 | -4.01 | -13 | -48.03 |
| 860.32 | S | -61.26 | -62.04 | 5.09 | -4.31 | -13 | -48.26 |
| 932.10 | S | -57.06 | -57.93 | 5.35 | -4.48 | -13 | -44.06 |
| 1430.60 | H | -63.24 | -62.88 | 5.62 | -5.97 | -13 | -50.24 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

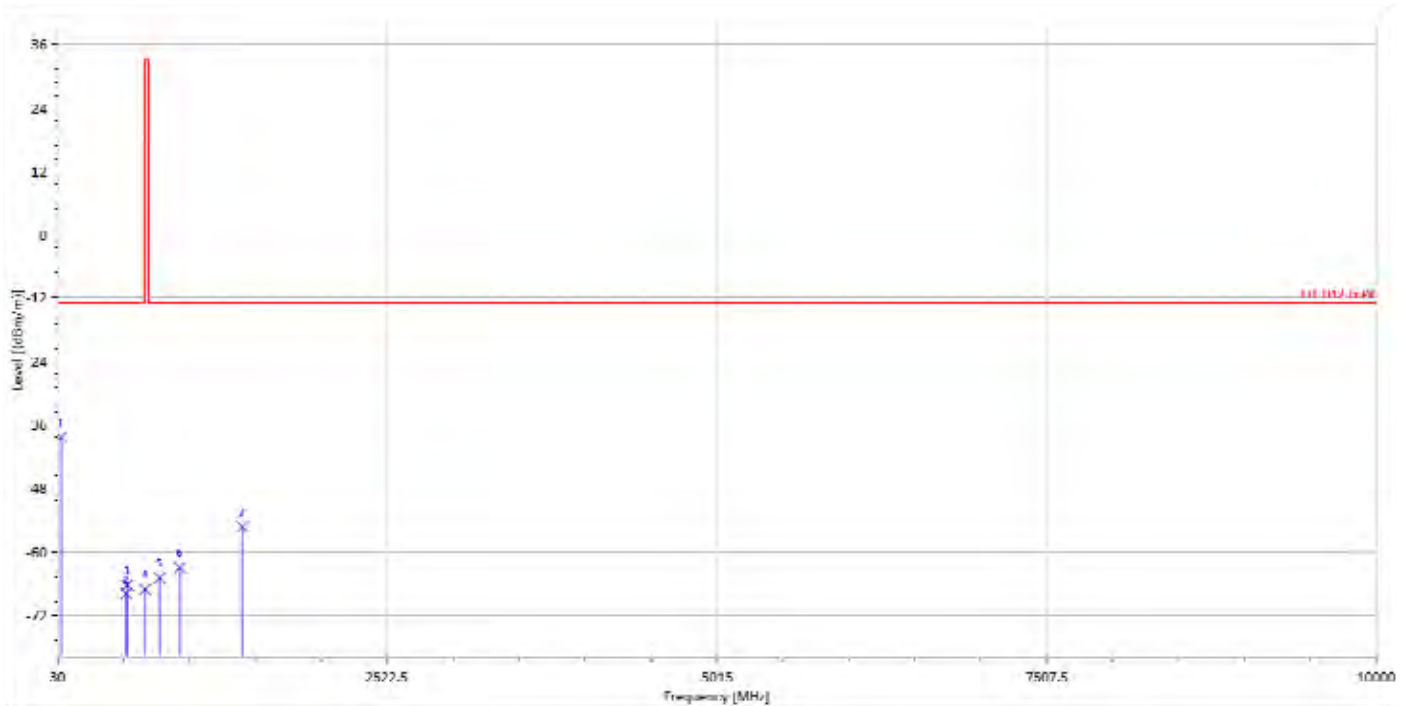
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|------------|----------------------------|----------------|
| LTEB12 1.4M 16QAM RB | | | |
| Operation Mode : | 1.5 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 715.3 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 59.10 | S | -38.39 | -33.81 | -3.54 | -1.04 | -13 | -25.39 |
| 548.95 | S | -67.98 | -68.55 | 3.97 | -3.41 | -13 | -54.98 |
| 556.71 | S | -66.41 | -67.01 | 4.02 | -3.42 | -13 | -53.41 |
| 692.51 | S | -67.20 | -68.39 | 4.99 | -3.81 | 33 | -100.20 |
| 805.03 | S | -65.00 | -66.08 | 5.20 | -4.12 | -13 | -52.00 |
| 961.20 | S | -63.00 | -63.89 | 5.44 | -4.55 | -13 | -50.00 |
| 1430.60 | S | -55.38 | -55.03 | 5.62 | -5.97 | -13 | -42.38 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

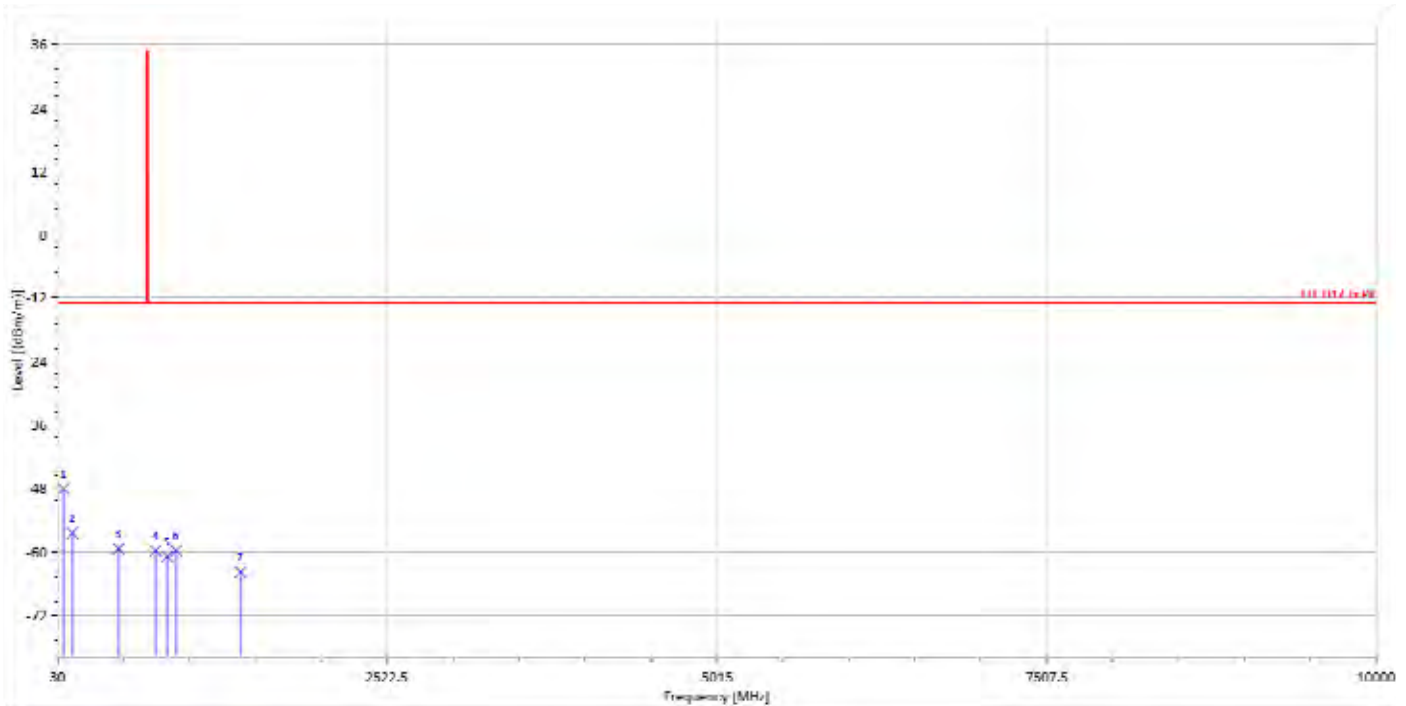
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 17 (The Worst Case)

LTEB17 10M 16QAM RB
 Operation Mode : 1.49 Test Date : 2017/9/29
 Fundamental Frequency : 709 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Low Test Engineer : Enzo
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 76.56 | S | -48.11 | -45.15 | -1.77 | -1.19 | -13 | -35.11 |
| 144.46 | S | -56.54 | -54.31 | -0.55 | -1.68 | -13 | -43.54 |
| 491.72 | S | -59.40 | -60.17 | 3.97 | -3.20 | -13 | -46.40 |
| 773.99 | S | -59.76 | -60.92 | 5.19 | -4.03 | -13 | -46.76 |
| 863.23 | S | -60.86 | -61.64 | 5.10 | -4.32 | -13 | -47.86 |
| 932.10 | S | -59.75 | -60.62 | 5.35 | -4.48 | -13 | -46.75 |
| 1418.00 | H | -63.89 | -63.50 | 5.56 | -5.94 | -13 | -50.89 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

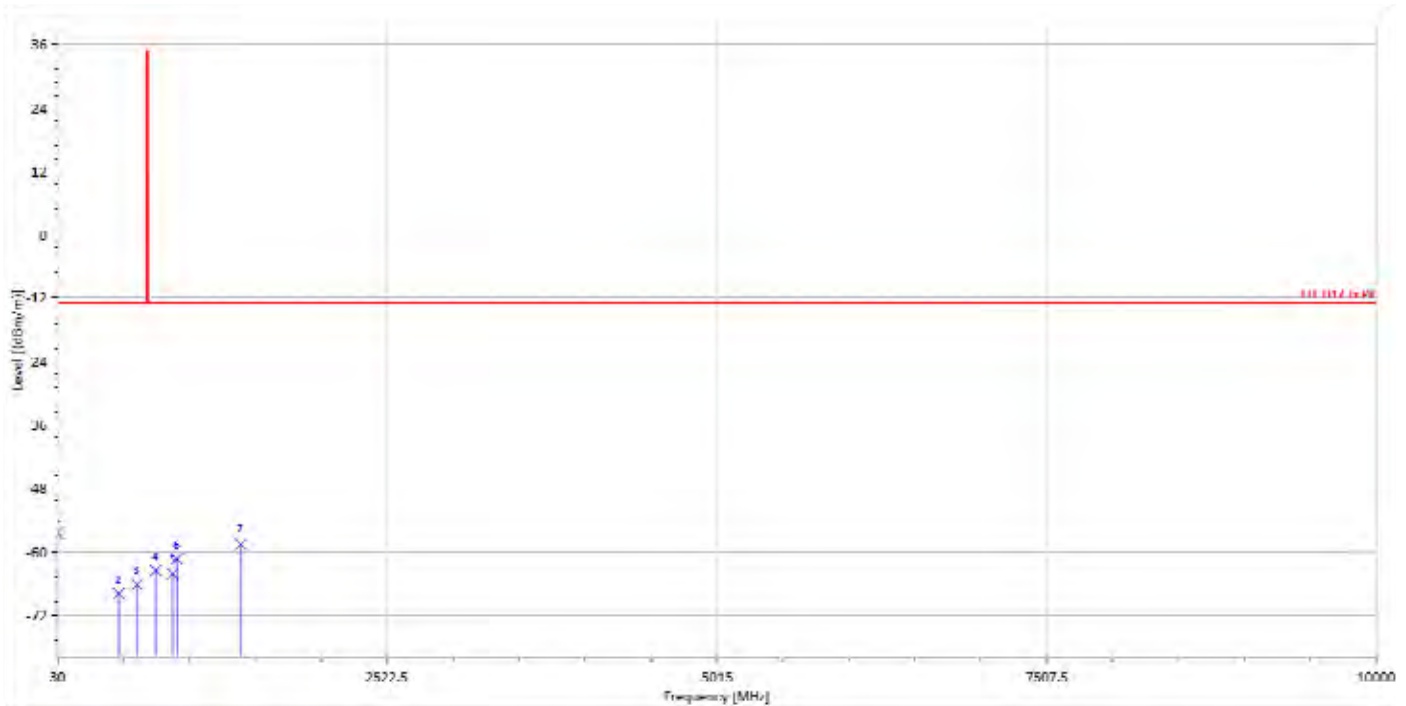
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| | | LTEB17 10M 16QAM RB | |
| Operation Mode : | 1.49 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 709 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 31.94 | S | -56.48 | -34.84 | -20.82 | -0.83 | -13 | -43.48 |
| 492.69 | S | -68.00 | -68.77 | 3.98 | -3.20 | -13 | -55.00 |
| 632.37 | S | -66.27 | -67.13 | 4.51 | -3.65 | -13 | -53.27 |
| 774.96 | S | -63.56 | -64.72 | 5.19 | -4.03 | -13 | -50.56 |
| 904.94 | S | -64.19 | -65.03 | 5.26 | -4.42 | -13 | -51.19 |
| 937.92 | S | -61.38 | -62.26 | 5.37 | -4.49 | -13 | -48.38 |
| 1418.00 | S | -58.57 | -58.19 | 5.58 | -5.95 | -13 | -45.57 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

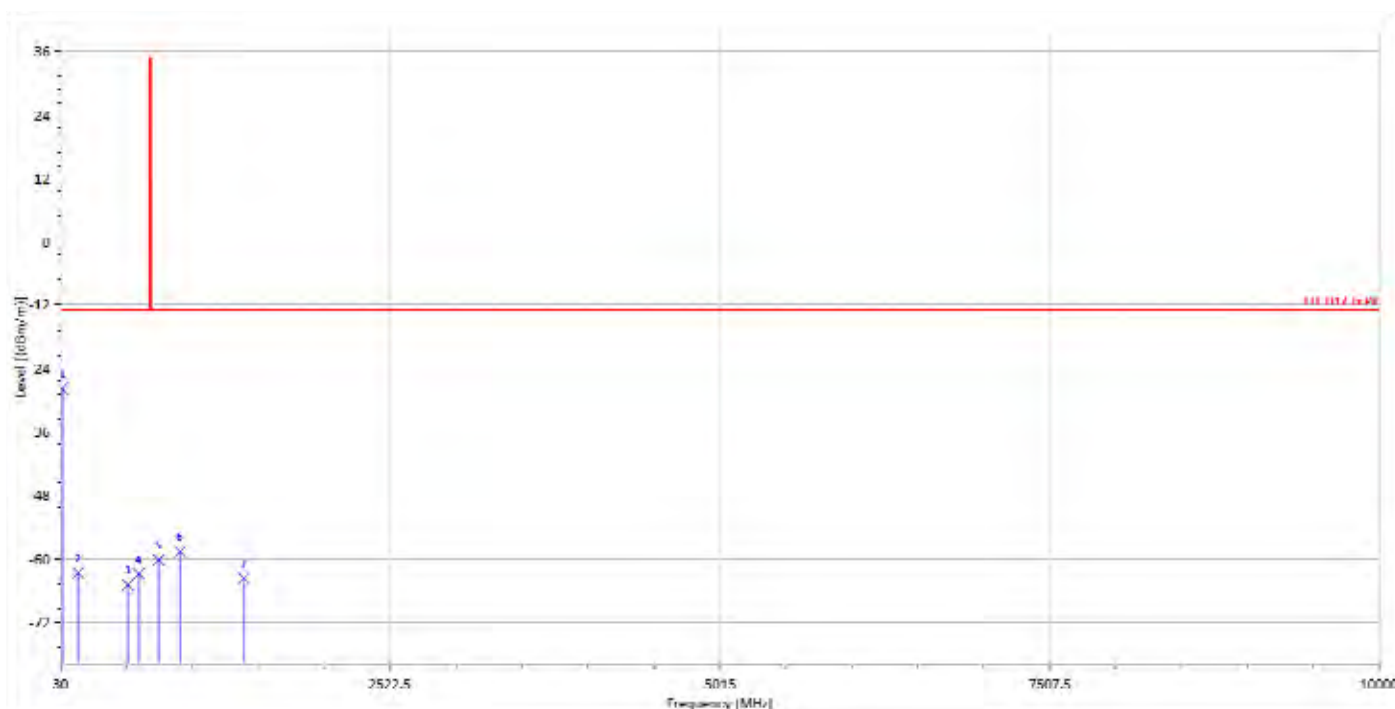
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| | LTEB17 10M 16QAM RB | | |
| Operation Mode : | 1.49 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 710 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 45.52 | S | -27.80 | -16.93 | -9.96 | -0.91 | -13 | -14.80 |
| 165.80 | S | -62.68 | -62.93 | 2.05 | -1.80 | -13 | -49.68 |
| 538.28 | S | -64.96 | -65.58 | 3.99 | -3.37 | -13 | -51.96 |
| 622.67 | S | -62.87 | -63.69 | 4.46 | -3.64 | -13 | -49.87 |
| 773.99 | S | -60.21 | -61.37 | 5.19 | -4.03 | -13 | -47.21 |
| 937.92 | S | -58.60 | -59.47 | 5.37 | -4.49 | -13 | -45.60 |
| 1420.00 | H | -63.72 | -63.34 | 5.57 | -5.95 | -13 | -50.72 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

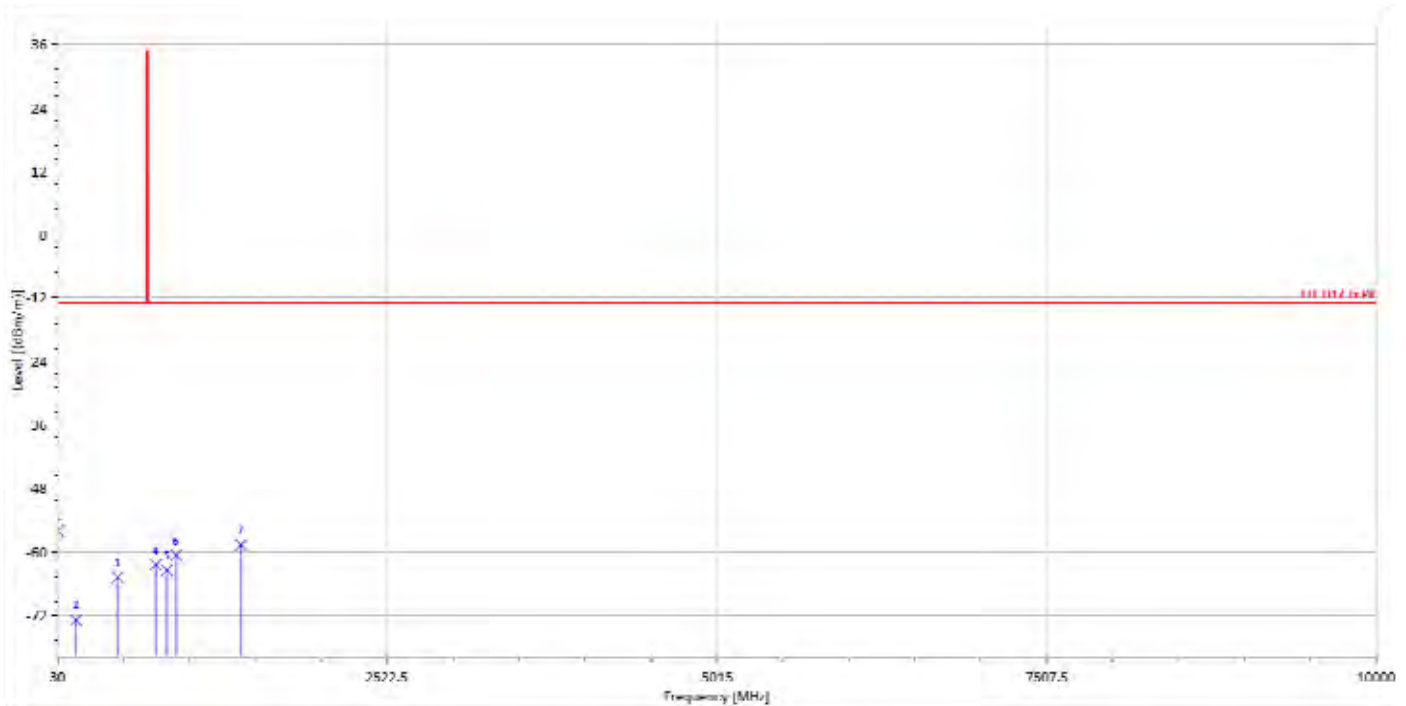
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| | | LTEB17 10M 16QAM RB | |
| Operation Mode : | 1.49 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 710 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 32.91 | S | -56.13 | -35.32 | -19.97 | -0.83 | -13 | -43.13 |
| 170.65 | S | -72.90 | -73.71 | 2.64 | -1.83 | -13 | -59.90 |
| 482.99 | S | -64.89 | -65.62 | 3.90 | -3.16 | -13 | -51.89 |
| 775.93 | S | -62.48 | -63.64 | 5.19 | -4.03 | -13 | -49.48 |
| 860.32 | S | -63.50 | -64.27 | 5.09 | -4.31 | -13 | -50.50 |
| 932.10 | S | -60.65 | -61.53 | 5.35 | -4.48 | -13 | -47.65 |
| 1420.00 | S | -58.71 | -58.34 | 5.58 | -5.95 | -13 | -45.71 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

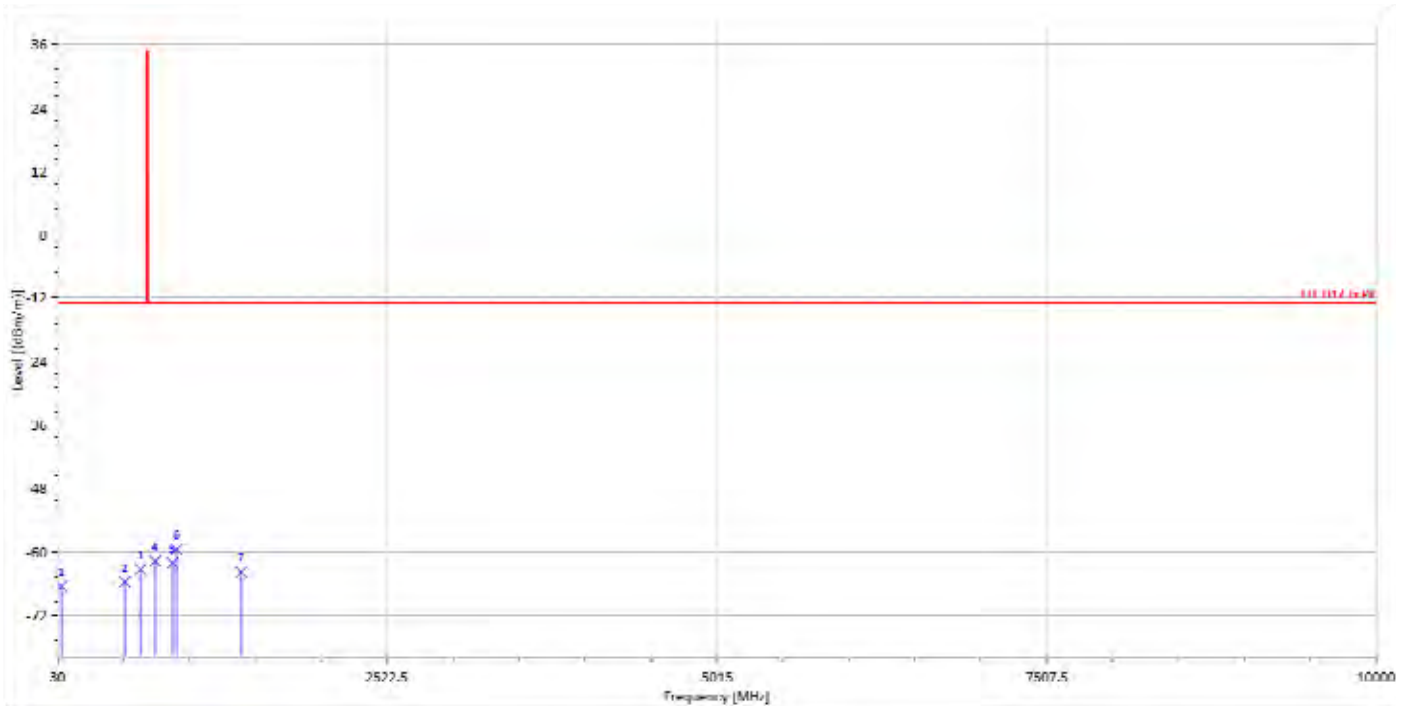
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

LTEB17 10M 16QAM RB

| | | | |
|-------------------------|------------|----------------------------|----------------|
| Operation Mode : | 1.49 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 711 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 61.04 | S | -66.62 | -62.51 | -3.05 | -1.06 | -13 | -53.62 |
| 538.28 | S | -65.76 | -66.38 | 3.99 | -3.37 | -13 | -52.76 |
| 658.56 | S | -63.38 | -64.35 | 4.70 | -3.72 | -13 | -50.38 |
| 771.08 | S | -61.80 | -62.97 | 5.19 | -4.01 | -13 | -48.80 |
| 903.97 | S | -62.17 | -63.00 | 5.25 | -4.42 | -13 | -49.17 |
| 934.04 | S | -59.56 | -60.43 | 5.36 | -4.48 | -13 | -46.56 |
| 1422.00 | H | -63.91 | -63.53 | 5.58 | -5.95 | -13 | -50.91 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

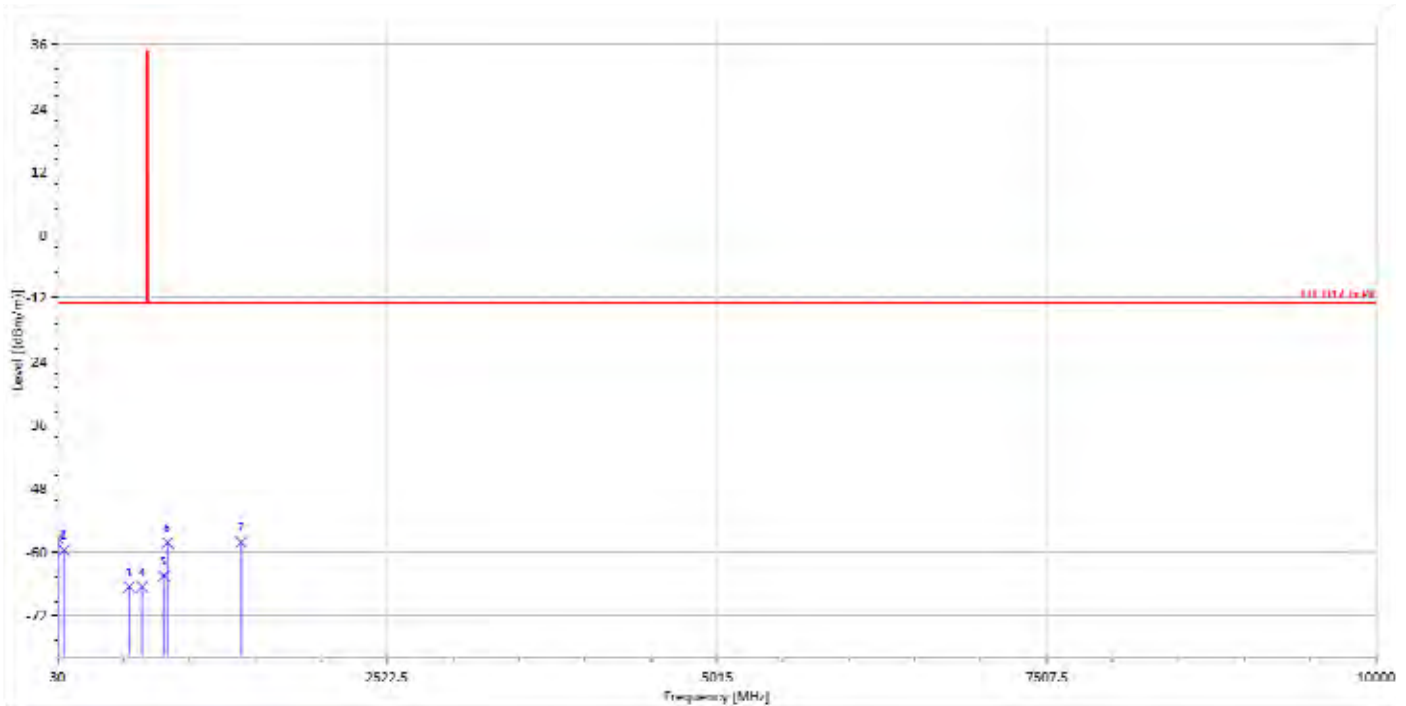
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

LTEB17 10M 16QAM RB

| | | | |
|-------------------------|------------|----------------------------|----------------|
| Operation Mode : | 1.49 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 711 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 36.79 | S | -57.46 | -39.91 | -16.71 | -0.85 | -13 | -44.46 |
| 80.44 | S | -59.68 | -56.75 | -1.71 | -1.22 | -13 | -46.68 |
| 571.26 | S | -66.72 | -67.38 | 4.12 | -3.46 | -13 | -53.72 |
| 671.17 | S | -66.69 | -67.76 | 4.81 | -3.74 | -13 | -53.69 |
| 837.04 | S | -64.61 | -65.47 | 5.09 | -4.23 | -13 | -51.61 |
| 866.14 | S | -58.24 | -59.02 | 5.11 | -4.33 | -13 | -45.24 |
| 1422.00 | S | -58.14 | -57.77 | 5.58 | -5.95 | -13 | -45.14 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

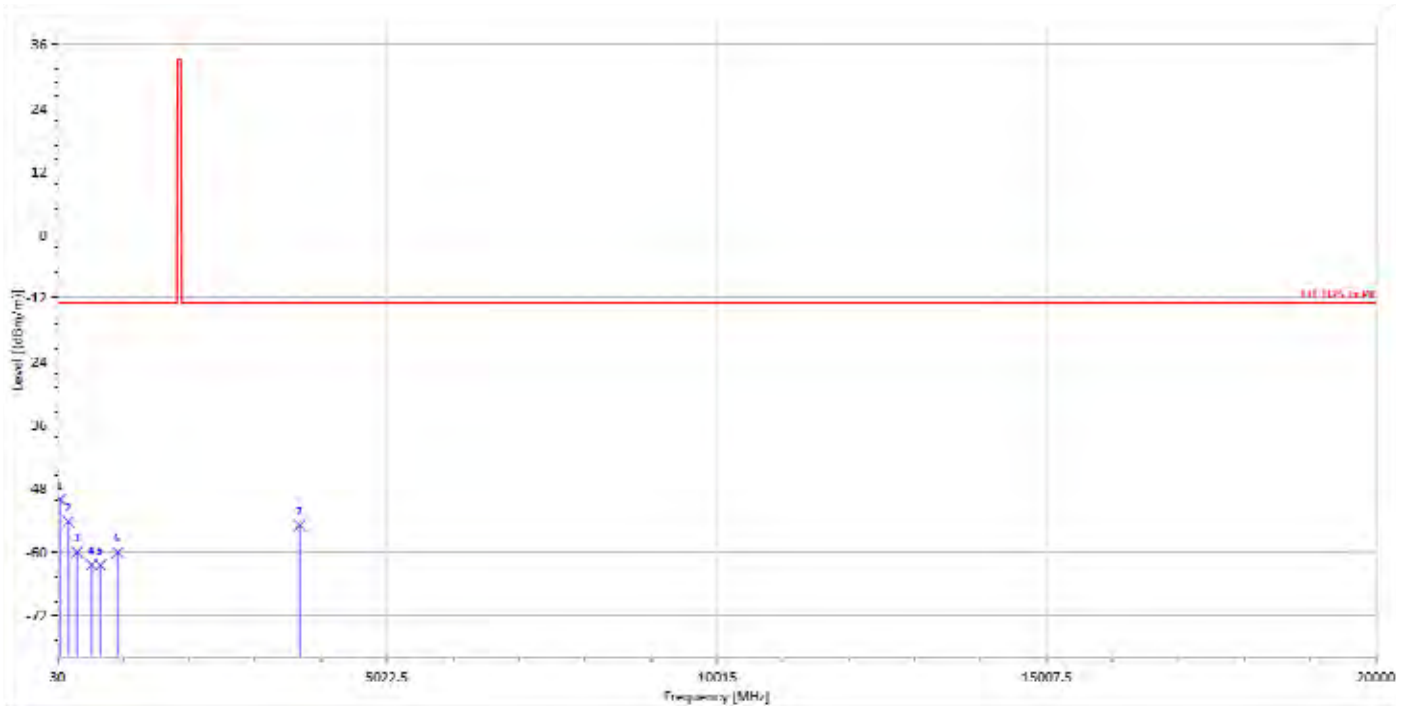
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 25 (The Worst Case)

| | | | |
|-------------------------|------------|----------------------------|----------------|
| | | LTE B25 1.4M 16QAM | |
| Operation Mode : | RB1.5 | Test Date : | 2017/9/28 |
| Fundamental Frequency : | 1850.7 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |

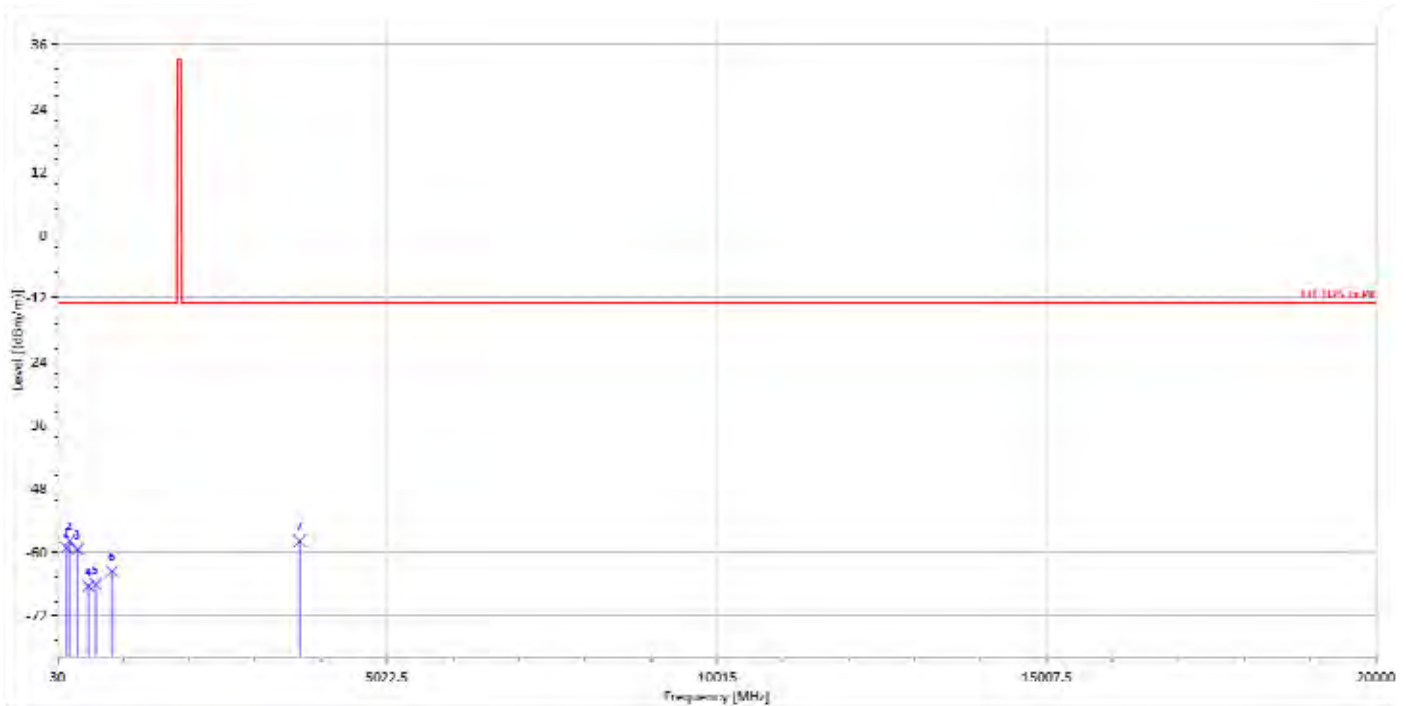


| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 73.65 | S | -50.15 | -49.22 | 0.24 | -1.17 | -13 | -37.15 |
| 197.81 | S | -54.38 | -58.17 | 5.76 | -1.98 | -13 | -41.38 |
| 330.70 | S | -60.06 | -63.40 | 5.94 | -2.60 | -13 | -47.06 |
| 553.80 | S | -62.50 | -65.64 | 6.55 | -3.42 | -13 | -49.50 |
| 686.69 | S | -62.55 | -66.33 | 7.57 | -3.79 | -13 | -49.55 |
| 938.89 | S | -60.11 | -63.56 | 7.95 | -4.50 | -13 | -47.11 |
| 3701.40 | H | -55.10 | -58.62 | 12.42 | -8.90 | -13 | -42.10 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTE B25 1.4M 16QAM | Test Date : | 2017/9/28 |
| Fundamental Frequency : | RB1.5 | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | 1850.7 MHz | Test Engineer : | Ashton |
| EUT Pol. : | Tx CH Low | Measurement Antenna Pol. : | Horizontal |
| | E2 | | |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 166.77 | S | -59.21 | -61.35 | 3.96 | -1.81 | -13 | -46.21 |
| 217.21 | S | -57.90 | -62.09 | 6.27 | -2.08 | -13 | -44.90 |
| 336.52 | S | -59.56 | -62.88 | 5.95 | -2.63 | -13 | -46.56 |
| 506.27 | S | -66.57 | -69.81 | 6.49 | -3.25 | -13 | -53.57 |
| 617.82 | S | -66.27 | -69.69 | 7.04 | -3.62 | -13 | -53.27 |
| 856.44 | S | -63.73 | -67.25 | 7.81 | -4.30 | -13 | -50.73 |
| 3701.40 | H | -57.96 | -61.48 | 12.42 | -8.90 | -13 | -44.96 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

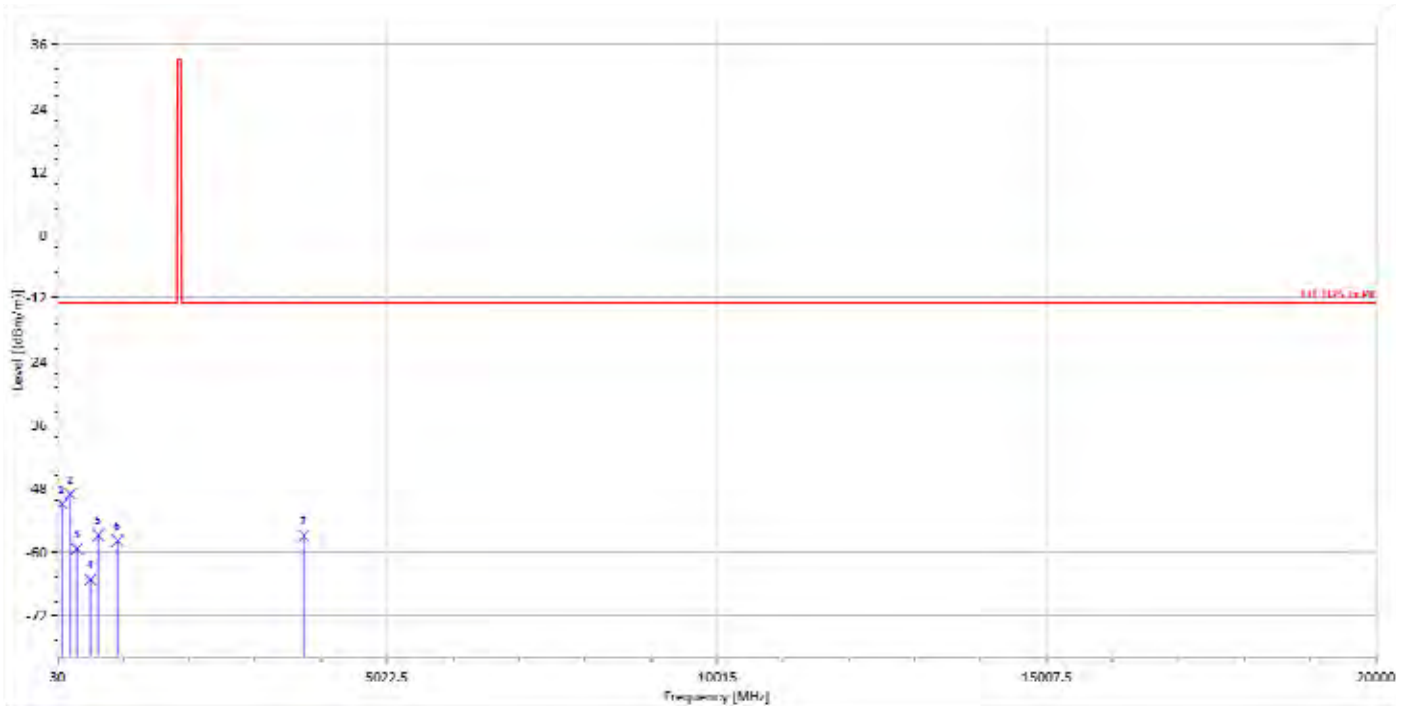
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTE B25 1.4M 16QAM | Test Date : | 2017/9/28 |
| Fundamental Frequency : | RB1.5 | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | 1882.5 MHz | Test Engineer : | Ashton |
| EUT Pol. : | Tx CH Mid | Measurement Antenna Pol. : | Vertical |
| | E2 | | |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 101.78 | S | -50.99 | -48.24 | -1.36 | -1.39 | -13 | -37.99 |
| 224.97 | S | -49.12 | -53.21 | 6.20 | -2.11 | -13 | -36.12 |
| 329.73 | S | -59.42 | -62.76 | 5.94 | -2.60 | -13 | -46.42 |
| 536.34 | S | -65.36 | -68.50 | 6.51 | -3.37 | -13 | -52.36 |
| 657.59 | S | -56.89 | -60.42 | 7.25 | -3.72 | -13 | -43.89 |
| 937.92 | S | -57.88 | -61.34 | 7.95 | -4.49 | -13 | -44.88 |
| 3765.00 | H | -57.02 | -60.54 | 12.46 | -8.95 | -13 | -44.02 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

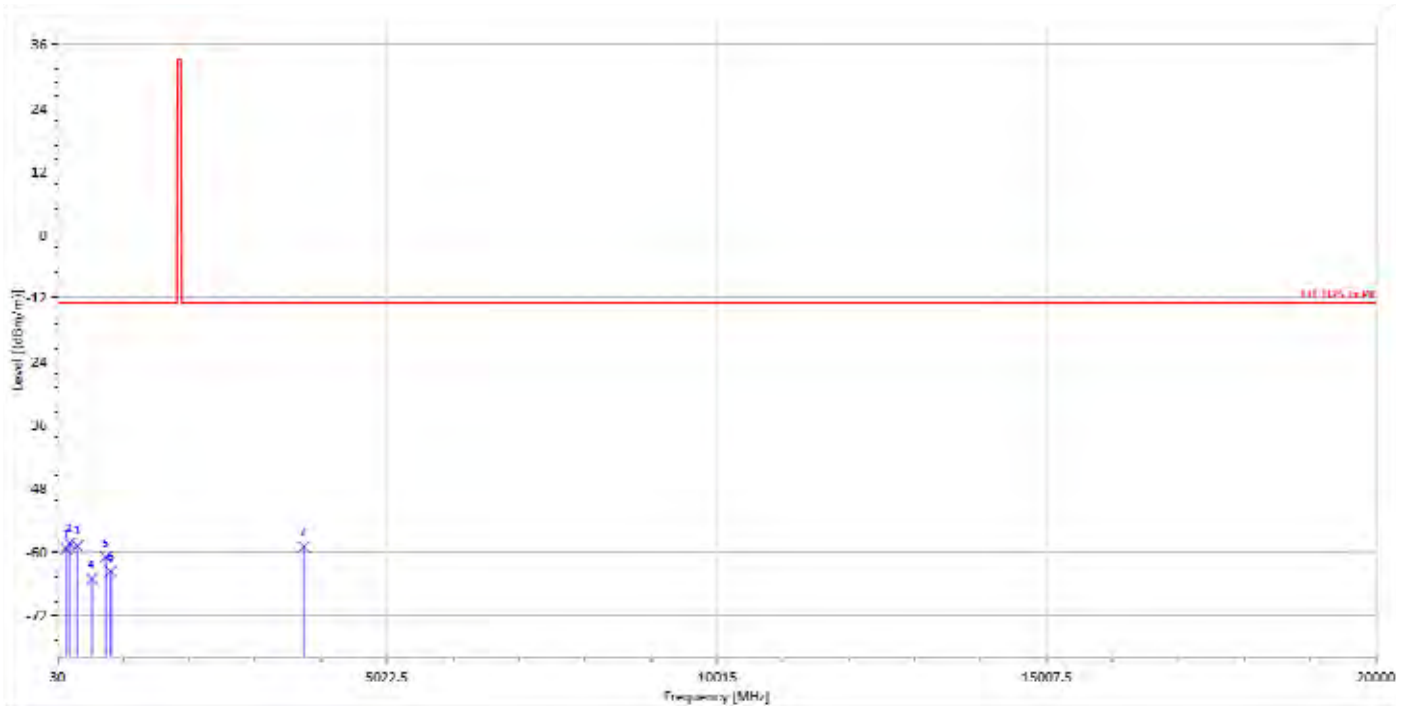
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTE B25 1.4M 16QAM | Test Date : | 2017/9/28 |
| Fundamental Frequency : | RB1.5 | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | 1882.5 MHz | Test Engineer : | Ashton |
| EUT Pol. : | Tx CH Mid | Measurement Antenna Pol. : | Horizontal |
| | E2 | | |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 164.83 | S | -59.48 | -61.42 | 3.74 | -1.80 | -13 | -46.48 |
| 217.21 | S | -58.38 | -62.57 | 6.27 | -2.08 | -13 | -45.38 |
| 333.61 | S | -58.87 | -62.20 | 5.95 | -2.61 | -13 | -45.87 |
| 558.65 | S | -65.17 | -68.34 | 6.60 | -3.43 | -13 | -52.17 |
| 772.05 | S | -61.02 | -64.74 | 7.74 | -4.02 | -13 | -48.02 |
| 839.95 | S | -63.73 | -67.29 | 7.79 | -4.24 | -13 | -50.73 |
| 3765.00 | H | -59.05 | -62.56 | 12.46 | -8.95 | -13 | -46.05 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

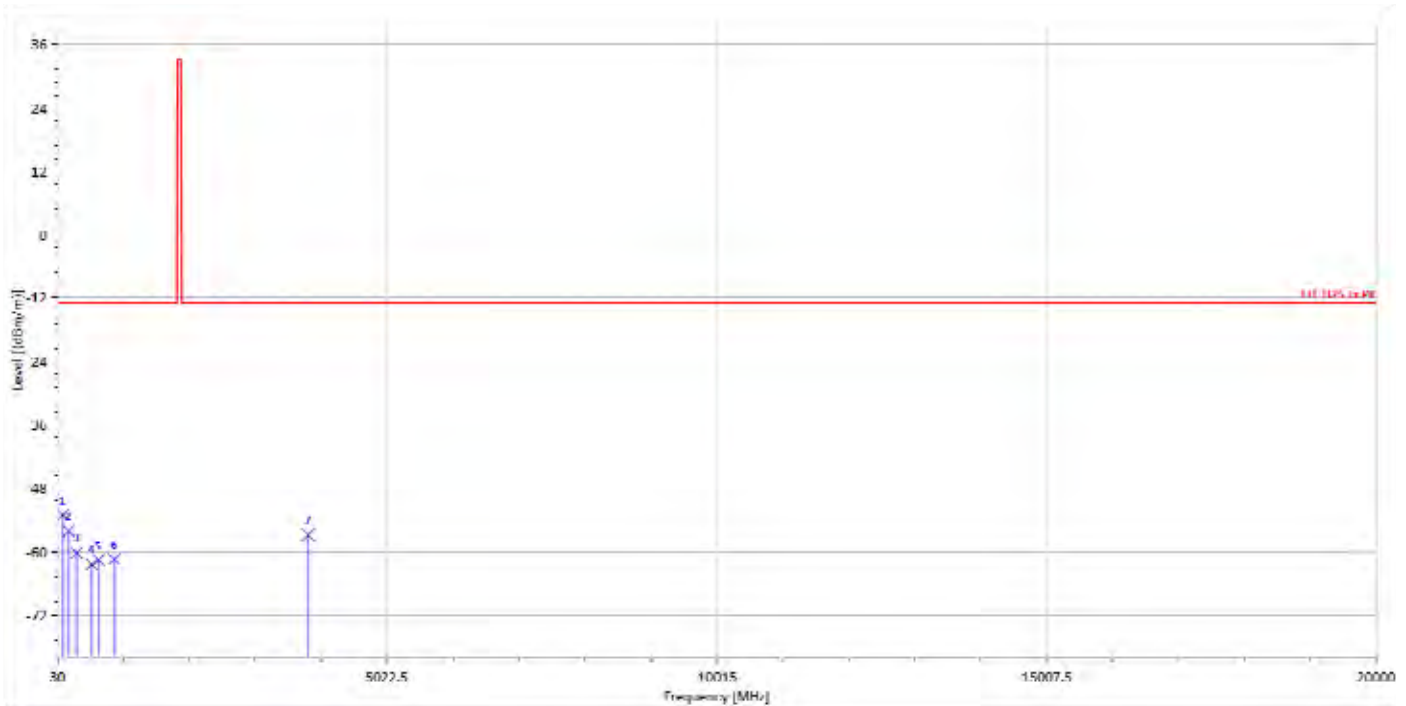
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTE B25 1.4M 16QAM | Test Date : | 2017/9/28 |
| Fundamental Frequency : | RB1.5 | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | 1914.3 MHz | Test Engineer : | Ashton |
| EUT Pol. : | Tx CH High | Measurement Antenna Pol. : | Vertical |
| | E2 | | |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 112.45 | S | -53.10 | -50.09 | -1.55 | -1.46 | -13 | -40.10 |
| 199.75 | S | -56.16 | -59.91 | 5.73 | -1.99 | -13 | -43.16 |
| 325.85 | S | -60.21 | -63.55 | 5.92 | -2.58 | -13 | -47.21 |
| 552.83 | S | -62.42 | -65.55 | 6.54 | -3.42 | -13 | -49.42 |
| 662.44 | S | -61.54 | -65.12 | 7.30 | -3.72 | -13 | -48.54 |
| 890.39 | S | -61.43 | -64.92 | 7.88 | -4.39 | -13 | -48.43 |
| 3828.60 | H | -56.88 | -60.39 | 12.50 | -8.99 | -13 | -43.88 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

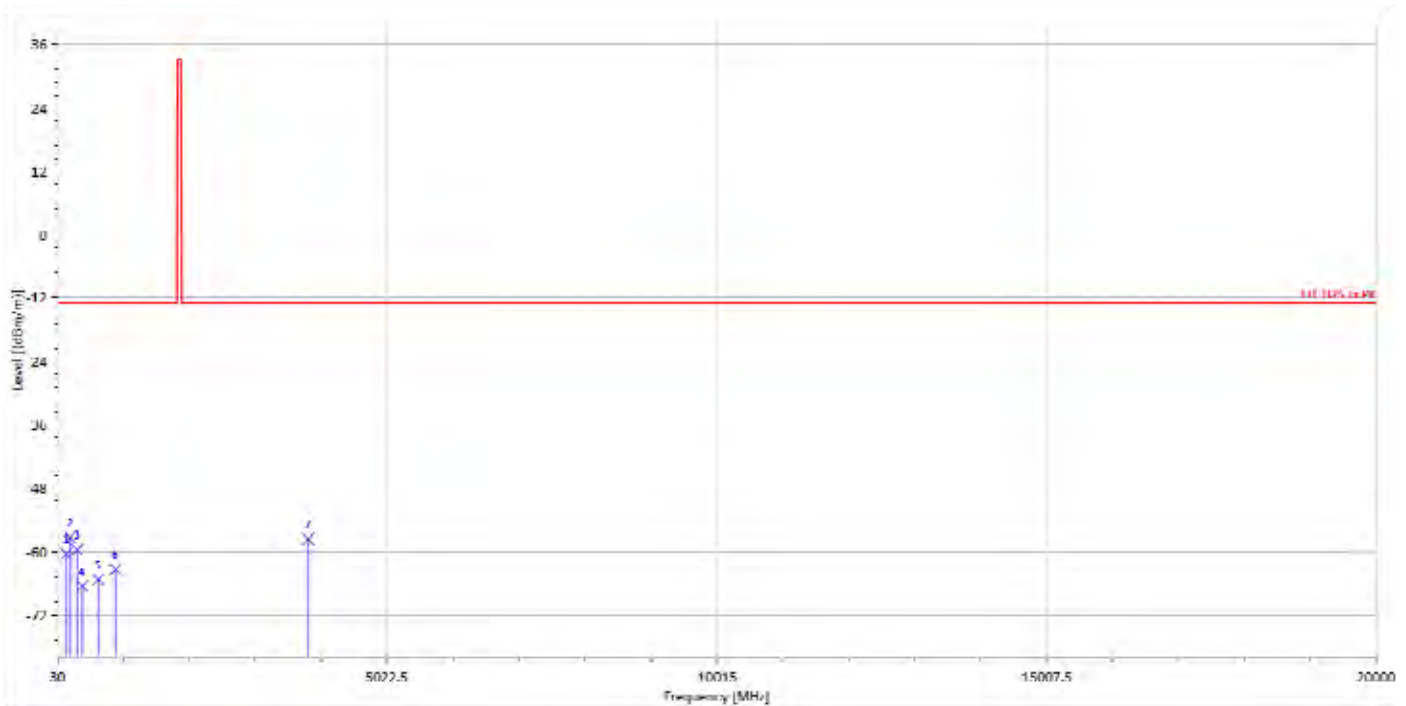
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTE B25 1.4M 16QAM | Test Date : | 2017/9/28 |
| Fundamental Frequency : | RB1.5 | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | 1914.3 MHz | Test Engineer : | Ashton |
| EUT Pol. : | Tx CH High | Measurement Antenna Pol. : | Horizontal |
| | E2 | | |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 165.80 | S | -60.37 | -62.42 | 3.85 | -1.80 | -13 | -47.37 |
| 224.97 | S | -57.35 | -61.44 | 6.20 | -2.11 | -13 | -44.35 |
| 332.64 | S | -59.61 | -62.94 | 5.94 | -2.61 | -13 | -46.61 |
| 411.21 | S | -66.58 | -69.52 | 5.87 | -2.92 | -13 | -53.58 |
| 656.62 | S | -65.34 | -68.86 | 7.24 | -3.71 | -13 | -52.34 |
| 907.85 | S | -63.36 | -66.84 | 7.91 | -4.43 | -13 | -50.36 |
| 3828.60 | H | -57.63 | -61.14 | 12.50 | -8.99 | -13 | -44.63 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

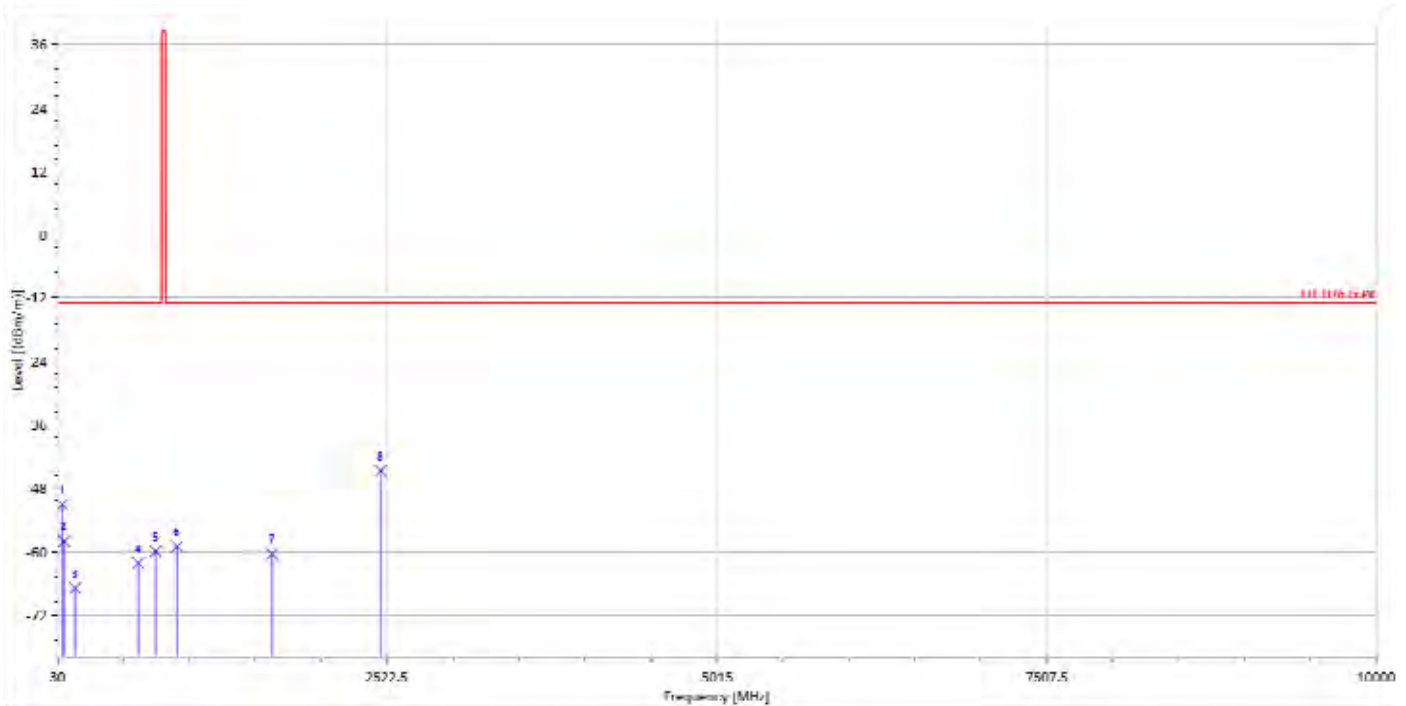
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 26 (The Worst Case)

| | | | |
|-------------------------|-------------------|----------------------------|----------------|
| | LTEB26 3M QPSK RB | | |
| Operation Mode : | 1.14 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 847.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 32.91 | S | -56.80 | -36.00 | -19.97 | -0.83 | -13 | -43.80 |
| 101.78 | S | -71.78 | -67.00 | -3.39 | -1.39 | -13 | -58.78 |
| 558.65 | S | -67.07 | -67.67 | 4.03 | -3.43 | -13 | -54.07 |
| 741.98 | S | -64.35 | -65.57 | 5.14 | -3.92 | -13 | -51.35 |
| 776.90 | S | -64.26 | -65.42 | 5.19 | -4.04 | -13 | -51.26 |
| 937.92 | S | -61.69 | -62.56 | 5.37 | -4.49 | -13 | -48.69 |
| 1695.00 | H | -58.50 | -58.71 | 6.76 | -6.55 | -13 | -45.50 |
| 2542.50 | H | -58.52 | -59.25 | 8.61 | -7.88 | -13 | -45.52 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

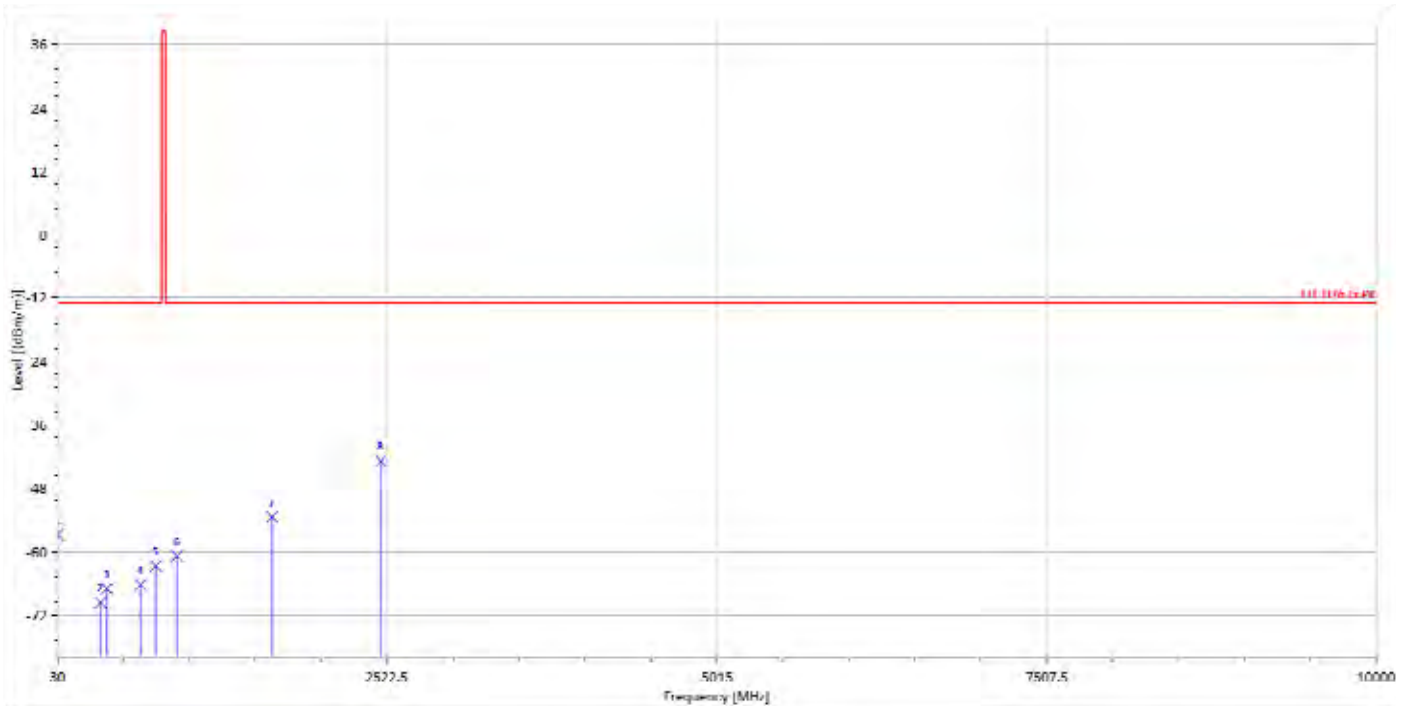
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| LTEB26 3M QPSK RB | | | |
| Operation Mode : | 1.14 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 825.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |

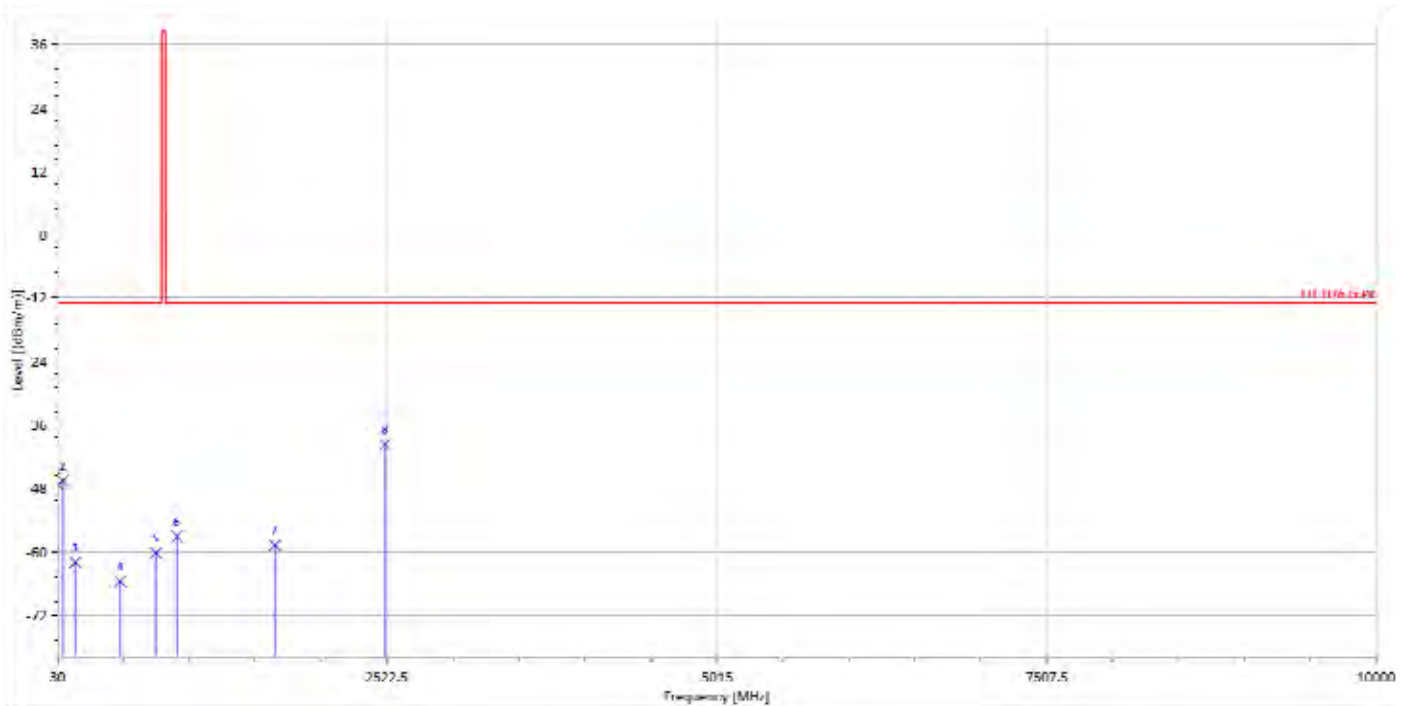


| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 32.91 | S | -56.81 | -36.01 | -19.97 | -0.83 | -13 | -43.81 |
| 359.80 | S | -69.76 | -70.45 | 3.39 | -2.71 | -13 | -56.76 |
| 407.33 | S | -67.05 | -67.41 | 3.26 | -2.91 | -13 | -54.05 |
| 658.56 | S | -66.33 | -67.31 | 4.70 | -3.72 | -13 | -53.33 |
| 774.96 | S | -62.70 | -63.86 | 5.19 | -4.03 | -13 | -49.70 |
| 936.95 | S | -60.81 | -61.68 | 5.37 | -4.49 | -13 | -47.81 |
| 1651.00 | H | -53.49 | -53.61 | 6.57 | -6.45 | -13 | -40.49 |
| 2476.50 | H | -42.87 | -43.59 | 8.53 | -7.80 | -13 | -29.87 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| LTEB26 3M QPSK RB | | | |
| Operation Mode : | 1.14 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 836.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 34.85 | S | -47.31 | -28.18 | -18.29 | -0.84 | -13 | -34.31 |
| 71.71 | S | -46.57 | -43.52 | -1.90 | -1.15 | -13 | -33.57 |
| 166.77 | S | -62.00 | -62.36 | 2.17 | -1.81 | -13 | -49.00 |
| 502.39 | S | -65.70 | -66.50 | 4.04 | -3.24 | -13 | -52.70 |
| 775.93 | S | -60.21 | -61.37 | 5.19 | -4.03 | -13 | -47.21 |
| 937.92 | S | -57.13 | -58.00 | 5.37 | -4.49 | -13 | -44.13 |
| 1673.00 | H | -58.76 | -58.94 | 6.69 | -6.51 | -13 | -45.76 |
| 2509.50 | H | -39.74 | -40.46 | 8.56 | -7.84 | -13 | -26.74 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

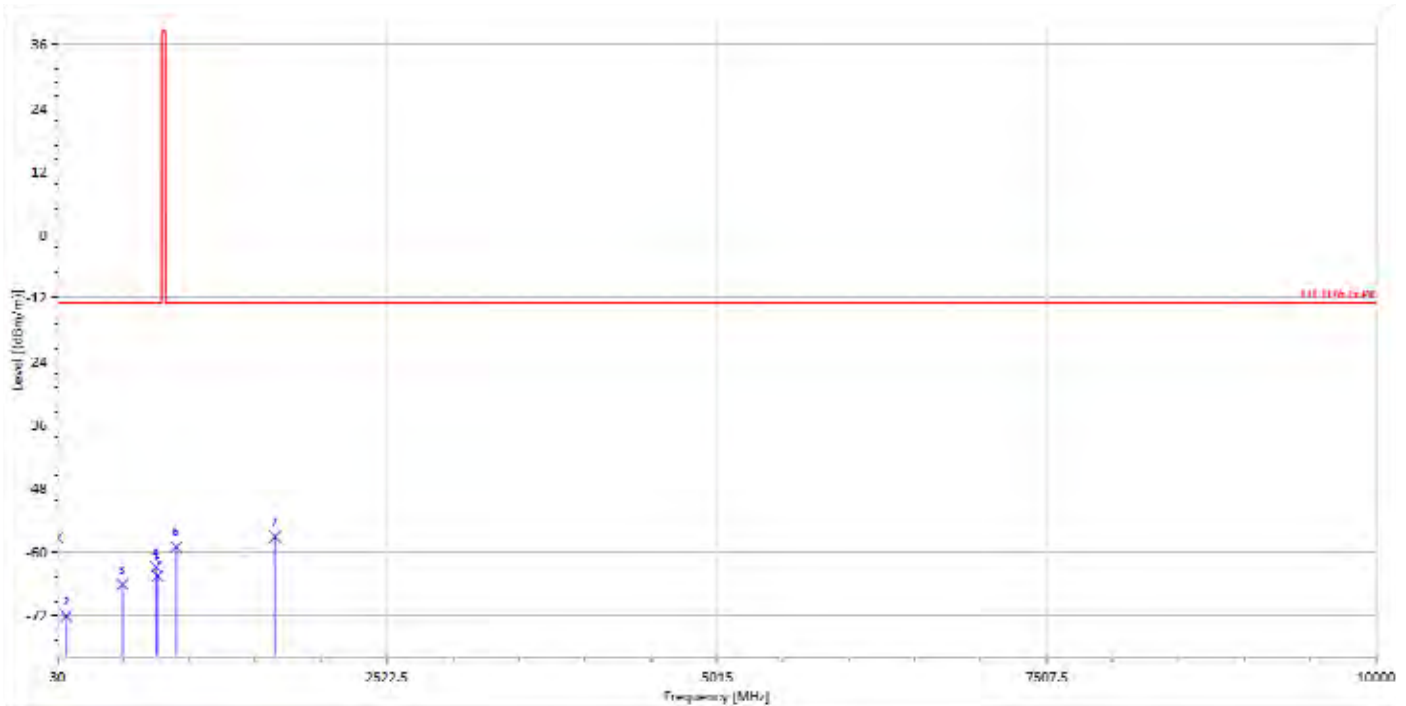
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| LTEB26 3M QPSK RB | | | |
| Operation Mode : | 1.14 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 836.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 33.88 | S | -57.34 | -37.38 | -19.13 | -0.84 | -13 | -44.34 |
| 96.93 | S | -72.19 | -67.83 | -3.01 | -1.36 | -13 | -59.19 |
| 521.79 | S | -66.26 | -66.95 | 4.01 | -3.32 | -13 | -53.26 |
| 776.90 | S | -62.94 | -64.10 | 5.19 | -4.04 | -13 | -49.94 |
| 789.51 | S | -64.61 | -65.73 | 5.21 | -4.09 | -13 | -51.61 |
| 932.10 | S | -59.06 | -59.93 | 5.35 | -4.48 | -13 | -46.06 |
| 1673.00 | H | -57.20 | -57.38 | 6.69 | -6.51 | -13 | -44.20 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

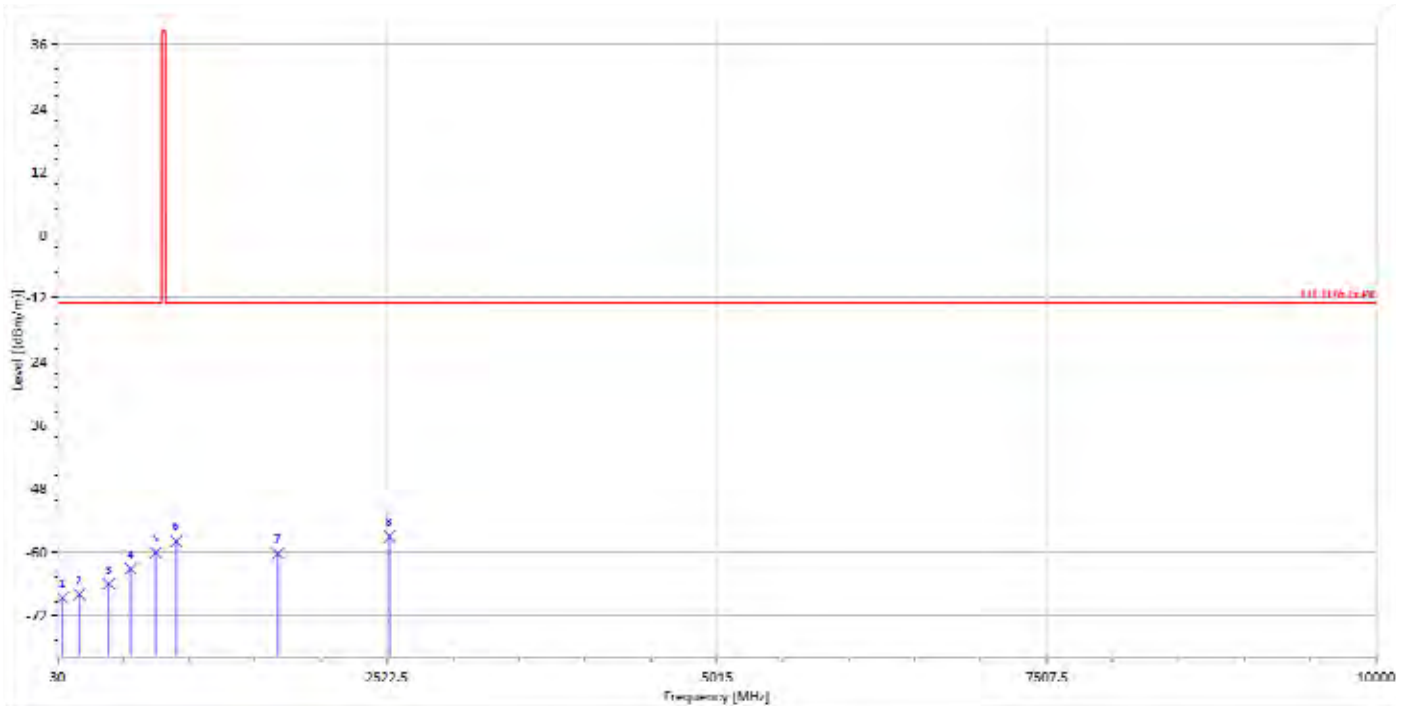
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|------------|----------------------------|----------------|
| LTEB26 3M QPSK RB | | | |
| Operation Mode : | 1.14 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 847.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 67.83 | S | -68.83 | -65.50 | -2.21 | -1.12 | -13 | -55.83 |
| 196.84 | S | -68.16 | -70.08 | 3.89 | -1.97 | -13 | -55.16 |
| 419.94 | S | -66.15 | -66.56 | 3.37 | -2.95 | -13 | -53.15 |
| 582.90 | S | -63.29 | -63.99 | 4.20 | -3.50 | -13 | -50.29 |
| 773.99 | S | -60.12 | -61.29 | 5.19 | -4.03 | -13 | -47.12 |
| 932.10 | S | -57.99 | -58.86 | 5.35 | -4.48 | -13 | -44.99 |
| 1695.00 | H | -60.37 | -60.59 | 6.76 | -6.55 | -13 | -47.37 |
| 2542.50 | H | -57.14 | -57.86 | 8.60 | -7.87 | -13 | -44.14 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

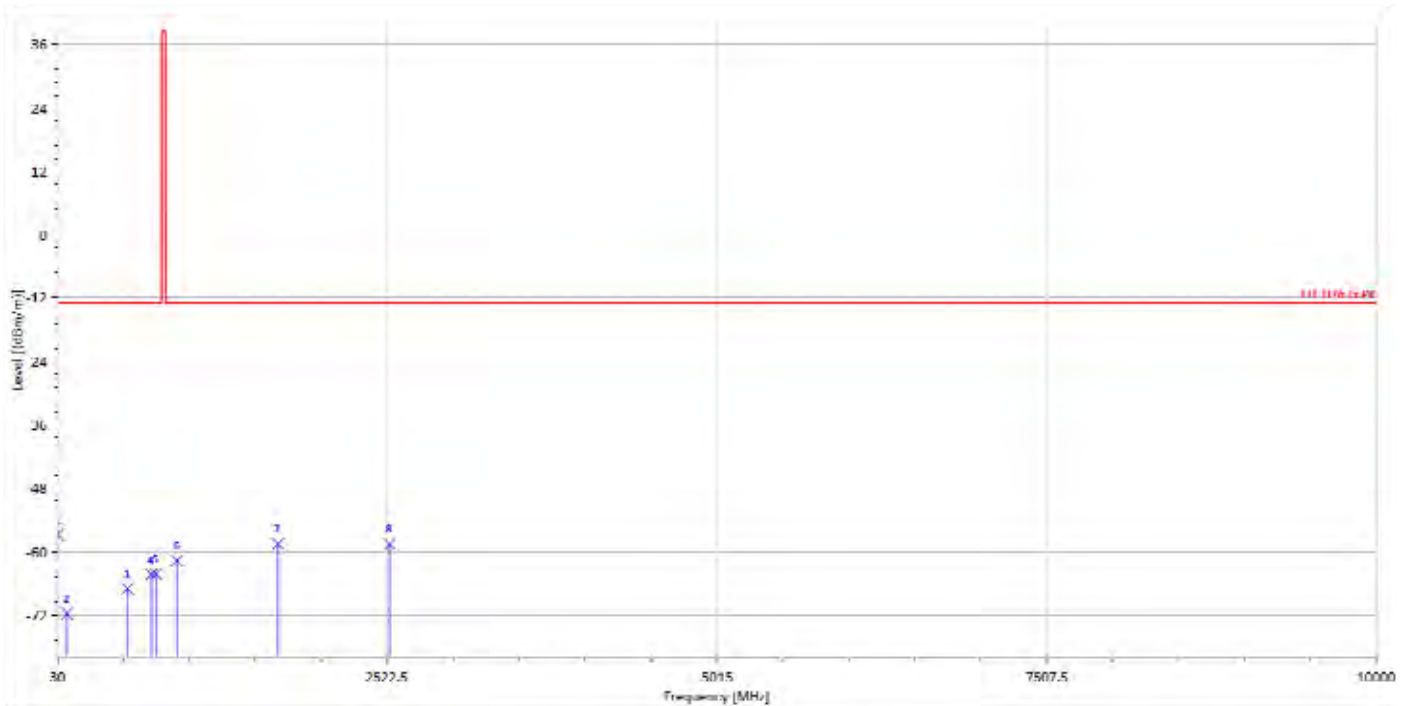
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|------------|----------------------------|----------------|
| LTEB26 3M QPSK RB | | | |
| Operation Mode : | 1.14 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 847.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 32.91 | S | -56.80 | -36.00 | -19.97 | -0.83 | -13 | -43.80 |
| 101.78 | S | -71.78 | -67.00 | -3.39 | -1.39 | -13 | -58.78 |
| 558.65 | S | -67.07 | -67.67 | 4.03 | -3.43 | -13 | -54.07 |
| 741.98 | S | -64.35 | -65.57 | 5.14 | -3.92 | -13 | -51.35 |
| 776.90 | S | -64.26 | -65.42 | 5.19 | -4.04 | -13 | -51.26 |
| 937.92 | S | -61.69 | -62.56 | 5.37 | -4.49 | -13 | -48.69 |
| 1695.00 | H | -58.50 | -58.71 | 6.76 | -6.55 | -13 | -45.50 |
| 2542.50 | H | -58.52 | -59.25 | 8.61 | -7.88 | -13 | -45.52 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

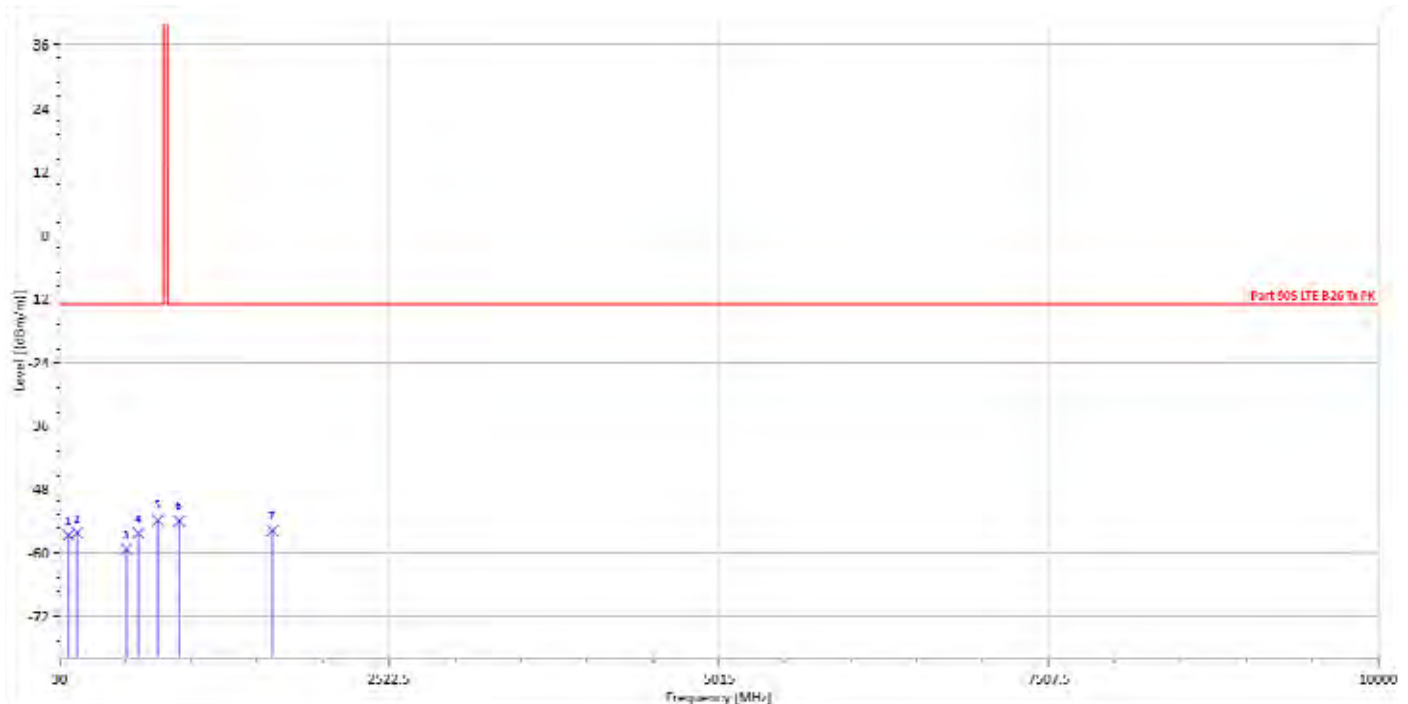
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 26 for Part 90S (The Worst Case)

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB26 10M QPSK 1.49 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 819 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 98.87 | S | -56.66 | -52.07 | -3.22 | -1.37 | -13 | -43.66 |
| 165.80 | S | -56.21 | -56.46 | 2.05 | -1.80 | -13 | -43.21 |
| 536.34 | S | -59.35 | -59.97 | 3.99 | -3.37 | -13 | -46.35 |
| 627.52 | S | -56.31 | -57.15 | 4.49 | -3.65 | -13 | -43.31 |
| 775.93 | S | -53.81 | -54.96 | 5.19 | -4.03 | -13 | -40.81 |
| 939.86 | S | -53.96 | -54.84 | 5.38 | -4.50 | -13 | -40.96 |
| 1638.00 | H | -55.81 | -55.91 | 6.53 | -6.43 | -13 | -42.81 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

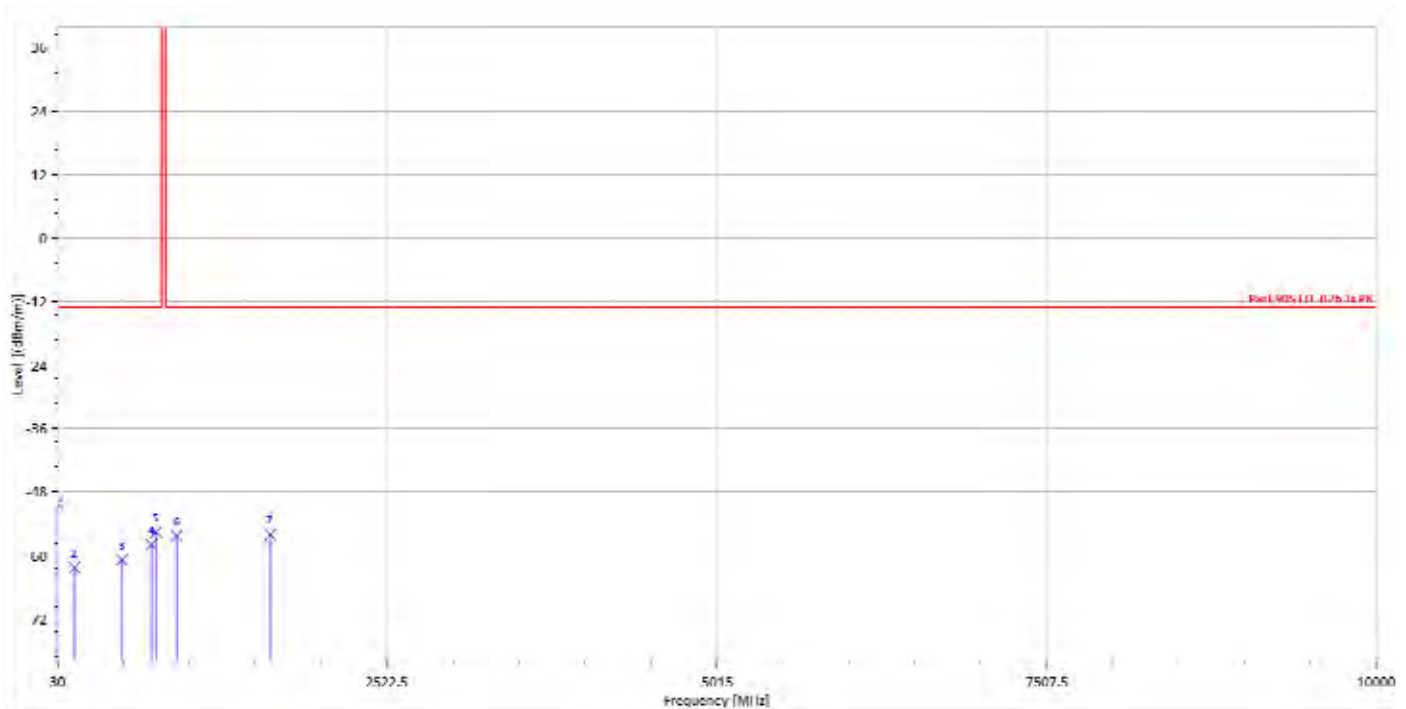
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : LTEB26 10M QPSK 1.49 Test Date : 2017/9/29
 Fundamental Frequency : 819 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 30.97 | S | -50.16 | -27.68 | -21.66 | -0.82 | -13 | -37.16 |
| 160.95 | S | -62.30 | -61.98 | 1.46 | -1.78 | -13 | -49.30 |
| 515.97 | S | -60.85 | -61.58 | 4.02 | -3.29 | -13 | -47.85 |
| 742.95 | S | -57.94 | -59.17 | 5.15 | -3.92 | -13 | -44.94 |
| 776.90 | S | -55.55 | -56.71 | 5.19 | -4.04 | -13 | -42.55 |
| 935.98 | S | -56.21 | -57.09 | 5.36 | -4.49 | -13 | -43.21 |
| 1638.00 | H | -56.01 | -56.11 | 6.53 | -6.43 | -13 | -43.01 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

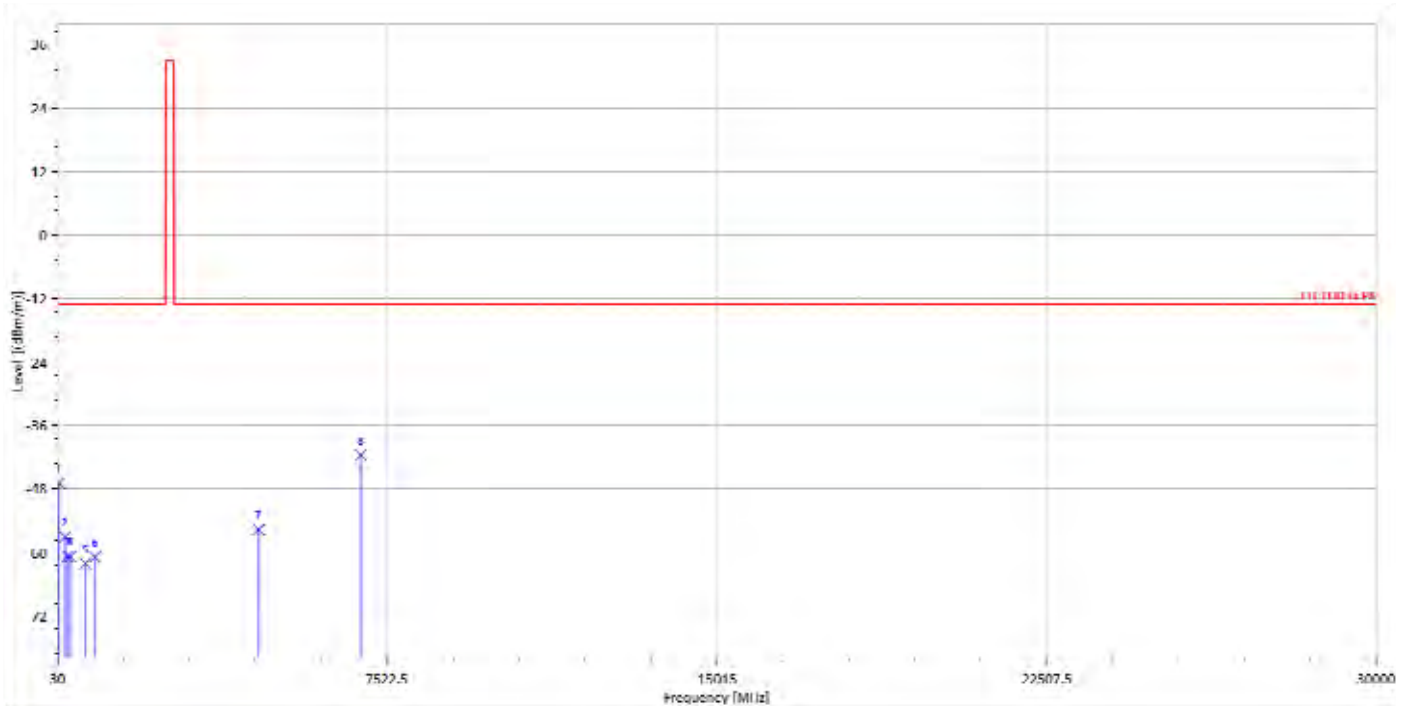
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 30 (The Worst Case)

Operation Mode : LTE B30 5M 64QAM 1.0 Test Date : 2017/9/28
 Fundamental Frequency : 2307.5 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Low Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 62.98 | S | -46.90 | -45.00 | -0.83 | -1.08 | -13 | -33.90 |
| 205.57 | S | -56.99 | -60.88 | 5.91 | -2.02 | -13 | -43.99 |
| 265.71 | S | -60.78 | -63.44 | 4.98 | -2.32 | -13 | -47.78 |
| 332.64 | S | -60.78 | -64.11 | 5.94 | -2.61 | -13 | -47.78 |
| 672.14 | S | -62.10 | -65.76 | 7.41 | -3.75 | -13 | -49.10 |
| 893.30 | S | -60.85 | -64.33 | 7.88 | -4.40 | -13 | -47.85 |
| 4615.00 | H | -55.59 | -58.55 | 12.58 | -9.61 | -13 | -42.59 |
| 6922.50 | H | -41.53 | -42.36 | 12.05 | -11.21 | -13 | -28.53 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

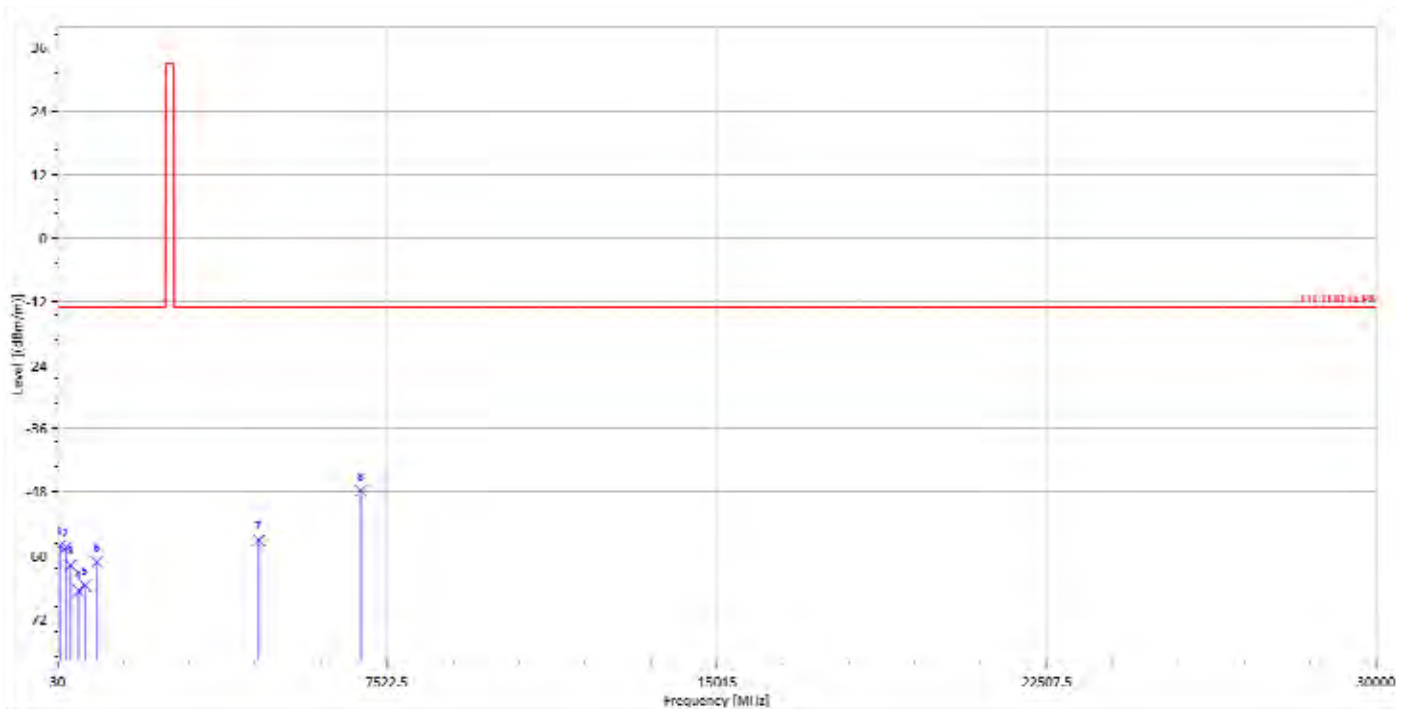
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : LTE B30 5M 64QAM 1.0 Test Date : 2017/9/28
 Fundamental Frequency : 2307.5 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Low Test Engineer : Ashton
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 94.99 | S | -58.10 | -56.07 | -0.70 | -1.34 | -13 | -45.10 |
| 227.88 | S | -58.43 | -62.41 | 6.11 | -2.13 | -13 | -45.43 |
| 330.70 | S | -61.87 | -65.20 | 5.94 | -2.60 | -13 | -48.87 |
| 513.06 | S | -66.67 | -69.90 | 6.50 | -3.28 | -13 | -53.67 |
| 669.23 | S | -65.71 | -69.35 | 7.38 | -3.74 | -13 | -52.71 |
| 937.92 | S | -61.28 | -64.73 | 7.95 | -4.49 | -13 | -48.28 |
| 4615.00 | H | -57.04 | -60.01 | 12.58 | -9.61 | -13 | -44.04 |
| 6922.50 | H | -47.80 | -48.64 | 12.05 | -11.21 | -13 | -34.80 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

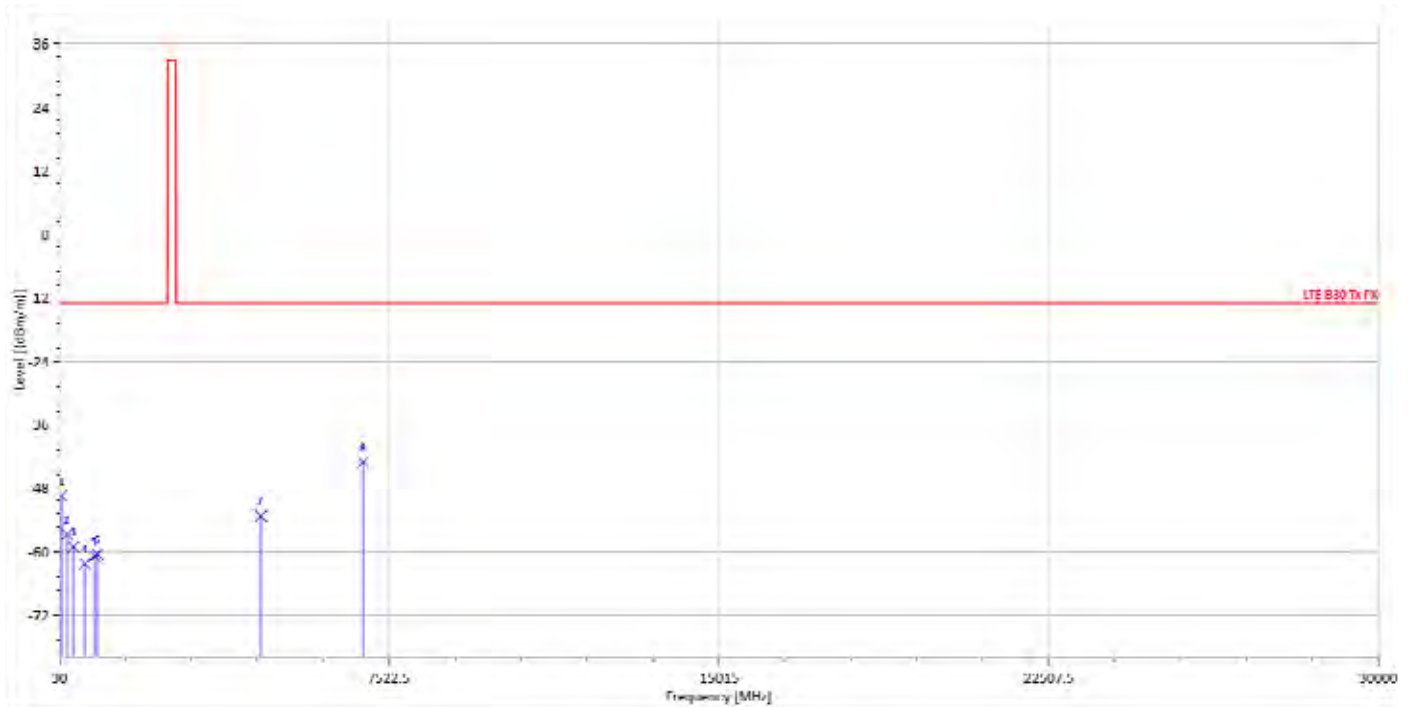
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTE B30 5M 64QAM 1.0 | Test Date : | 2017/9/28 |
| Fundamental Frequency : | 2310.0 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 76.56 | S | -49.53 | -48.69 | 0.35 | -1.19 | -13 | -36.53 |
| 205.57 | S | -56.71 | -60.61 | 5.91 | -2.02 | -13 | -43.71 |
| 352.04 | S | -59.08 | -62.37 | 5.98 | -2.69 | -13 | -46.08 |
| 612.97 | S | -62.30 | -65.72 | 7.02 | -3.61 | -13 | -49.30 |
| 836.07 | S | -60.84 | -64.40 | 7.79 | -4.22 | -13 | -47.84 |
| 904.94 | S | -60.52 | -64.00 | 7.90 | -4.42 | -13 | -47.52 |
| 4620.00 | H | -53.22 | -56.18 | 12.58 | -9.61 | -13 | -40.22 |
| 6930.00 | H | -43.04 | -43.86 | 12.04 | -11.22 | -13 | -30.04 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

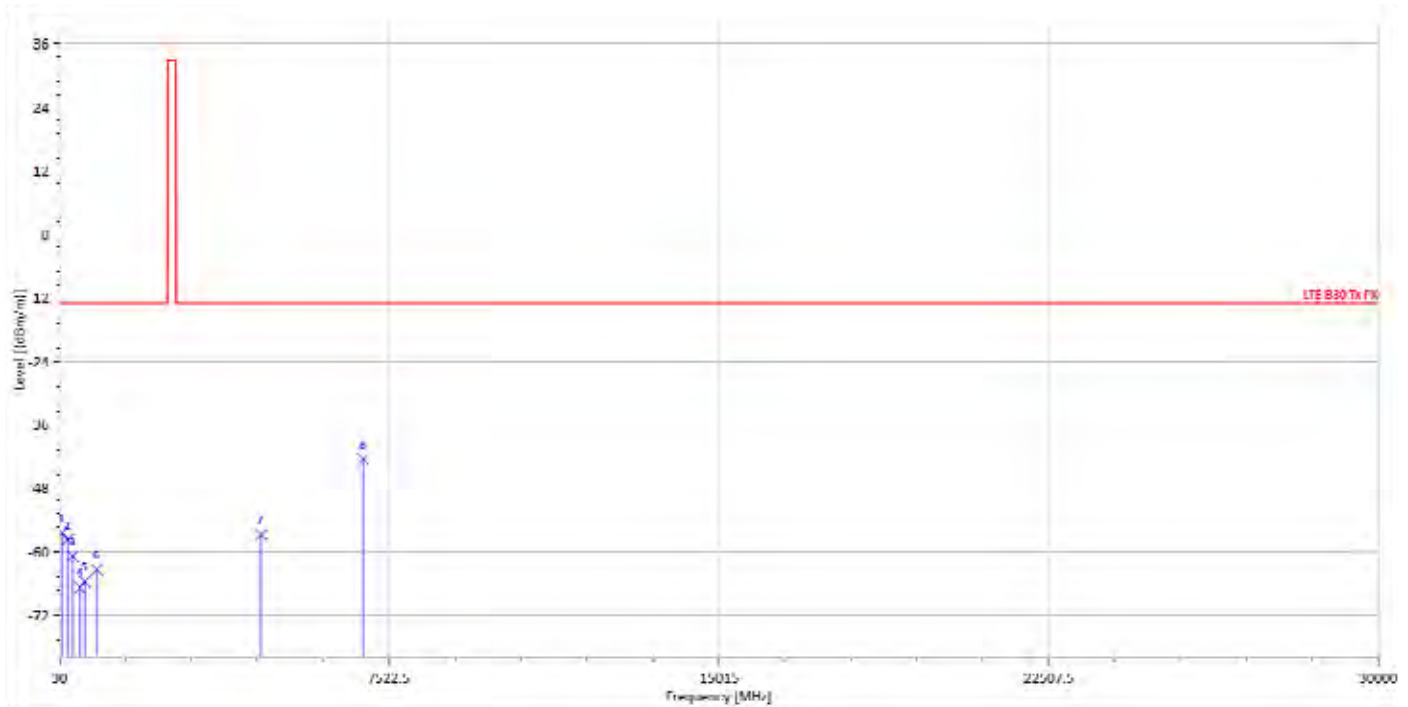
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTE B30 5M 64QAM 1.0 | Test Date : | 2017/9/28 |
| Fundamental Frequency : | 2310.0 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 94.02 | S | -56.39 | -54.48 | -0.58 | -1.33 | -13 | -43.39 |
| 220.12 | S | -57.71 | -61.97 | 6.35 | -2.09 | -13 | -44.71 |
| 332.64 | S | -60.91 | -64.24 | 5.94 | -2.61 | -13 | -47.91 |
| 503.36 | S | -66.80 | -70.05 | 6.49 | -3.24 | -13 | -53.80 |
| 613.94 | S | -65.72 | -69.13 | 7.03 | -3.61 | -13 | -52.72 |
| 889.42 | S | -63.46 | -66.95 | 7.87 | -4.39 | -13 | -50.46 |
| 4620.00 | H | -56.74 | -59.70 | 12.58 | -9.61 | -13 | -43.74 |
| 6930.00 | H | -42.48 | -43.31 | 12.04 | -11.22 | -13 | -29.48 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

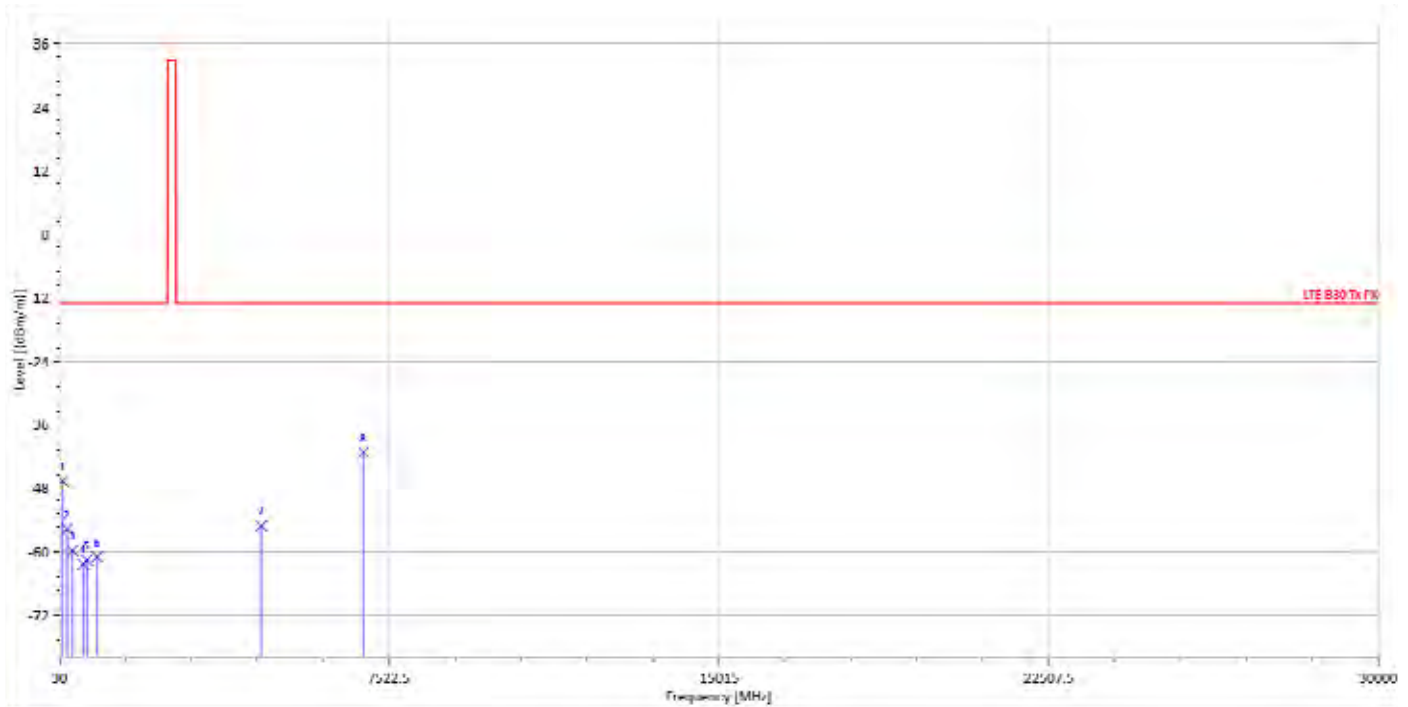
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTE B30 5M 64QAM 1.0 | Test Date : | 2017/9/28 |
| Fundamental Frequency : | 2312.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 101.78 | S | -46.70 | -43.95 | -1.36 | -1.39 | -13 | -33.70 |
| 205.57 | S | -55.67 | -59.56 | 5.91 | -2.02 | -13 | -42.67 |
| 327.79 | S | -59.82 | -63.16 | 5.93 | -2.59 | -13 | -46.82 |
| 579.02 | S | -62.42 | -65.72 | 6.78 | -3.49 | -13 | -49.42 |
| 658.56 | S | -61.62 | -65.17 | 7.26 | -3.72 | -13 | -48.62 |
| 895.24 | S | -61.01 | -64.50 | 7.89 | -4.40 | -13 | -48.01 |
| 4625.00 | H | -55.08 | -58.03 | 12.58 | -9.62 | -13 | -42.08 |
| 6937.50 | H | -41.16 | -41.98 | 12.04 | -11.22 | -13 | -28.16 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

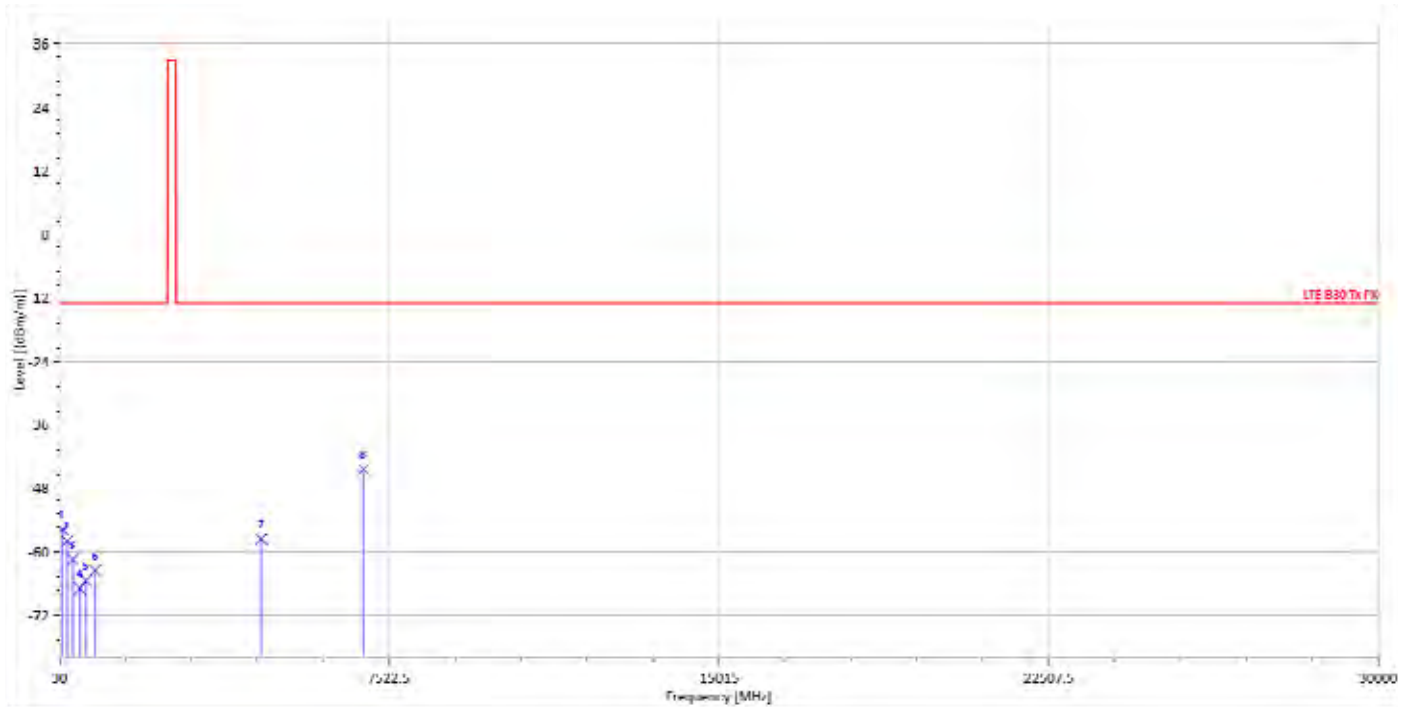
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTE B30 5M 64QAM 1.0 | Test Date : | 2017/9/28 |
| Fundamental Frequency : | 2312.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Ashton |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 94.99 | S | -55.74 | -53.70 | -0.70 | -1.34 | -13 | -42.74 |
| 206.54 | S | -57.99 | -61.91 | 5.94 | -2.02 | -13 | -44.99 |
| 338.46 | S | -61.48 | -64.81 | 5.96 | -2.63 | -13 | -48.48 |
| 503.36 | S | -66.94 | -70.19 | 6.49 | -3.24 | -13 | -53.94 |
| 643.04 | S | -65.52 | -68.98 | 7.14 | -3.68 | -13 | -52.52 |
| 847.71 | S | -63.60 | -67.14 | 7.80 | -4.26 | -13 | -50.60 |
| 4625.00 | H | -57.57 | -60.53 | 12.58 | -9.62 | -13 | -44.57 |
| 6937.50 | H | -44.44 | -45.26 | 12.04 | -11.22 | -13 | -31.44 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

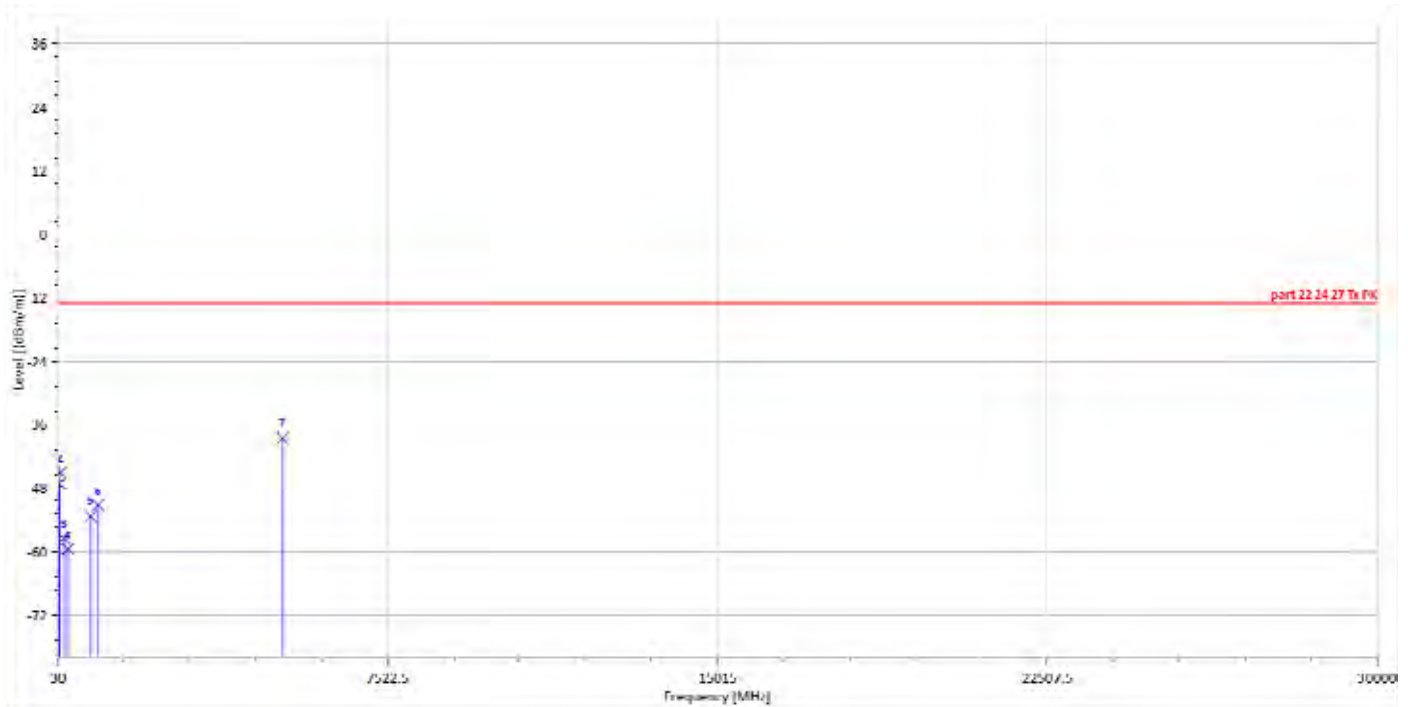
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 38 (The Worst Case)

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB38 5M QPSK 1.0 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 2572.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 59.10 | S | -47.20 | -44.58 | -1.58 | -1.04 | -13.01 | -34.19 |
| 80.44 | S | -45.07 | -44.30 | 0.45 | -1.22 | -13.01 | -32.06 |
| 163.86 | S | -57.46 | -59.29 | 3.63 | -1.79 | -13.01 | -44.45 |
| 248.25 | S | -59.52 | -62.53 | 5.25 | -2.24 | -13.01 | -46.51 |
| 768.17 | S | -53.25 | -56.99 | 7.73 | -4.00 | -13.01 | -40.24 |
| 938.89 | S | -51.25 | -54.71 | 7.95 | -4.50 | -13.01 | -38.24 |
| 5145.00 | H | -38.54 | -41.15 | 12.65 | -10.03 | -13.01 | -25.53 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

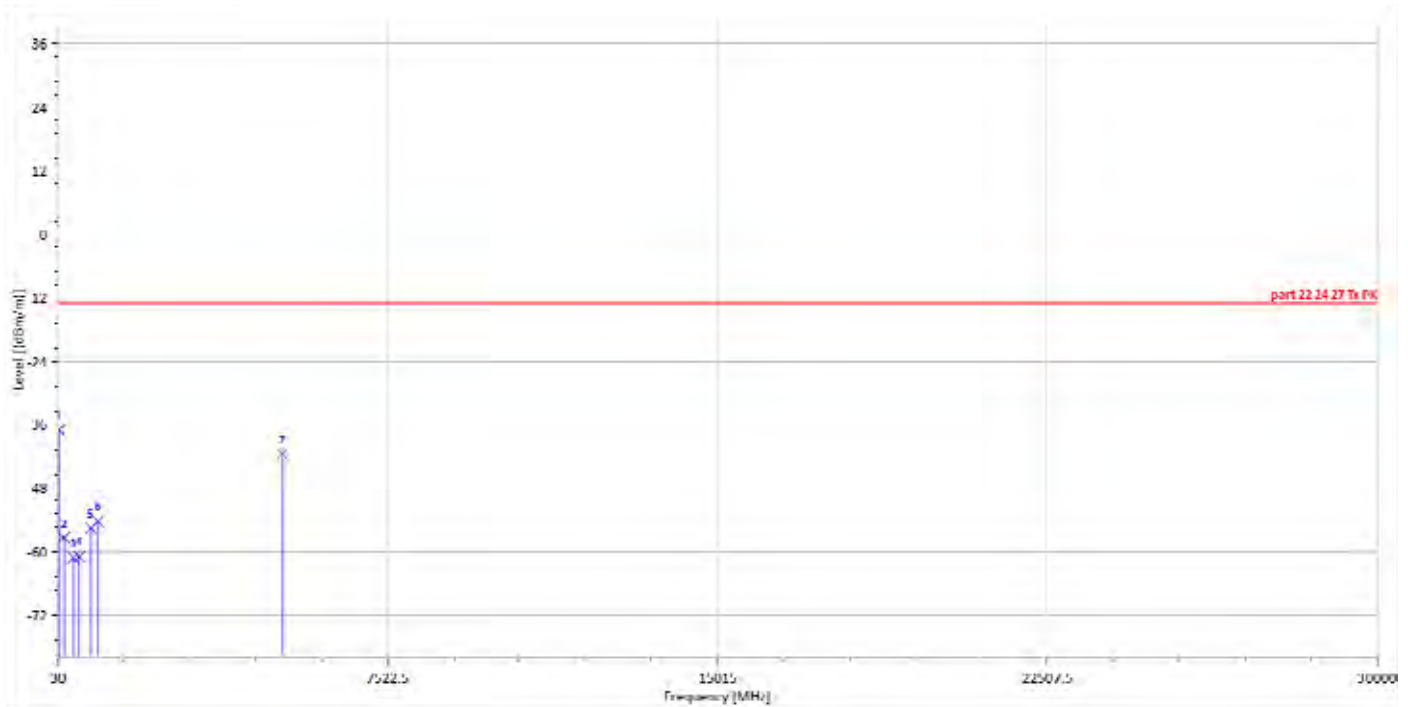
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB38 5M QPSK 1.0 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 2572.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 59.10 | S | -37.03 | -34.41 | -1.58 | -1.04 | -13.01 | -24.02 |
| 164.83 | S | -57.33 | -59.27 | 3.74 | -1.80 | -13.01 | -44.32 |
| 376.29 | S | -61.18 | -64.27 | 5.87 | -2.78 | -13.01 | -48.17 |
| 502.39 | S | -60.98 | -64.23 | 6.49 | -3.24 | -13.01 | -47.97 |
| 774.96 | S | -55.50 | -59.22 | 7.74 | -4.03 | -13.01 | -42.49 |
| 938.89 | S | -54.22 | -57.68 | 7.95 | -4.50 | -13.01 | -41.21 |
| 5145.00 | H | -41.51 | -44.12 | 12.65 | -10.03 | -13.01 | -28.50 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

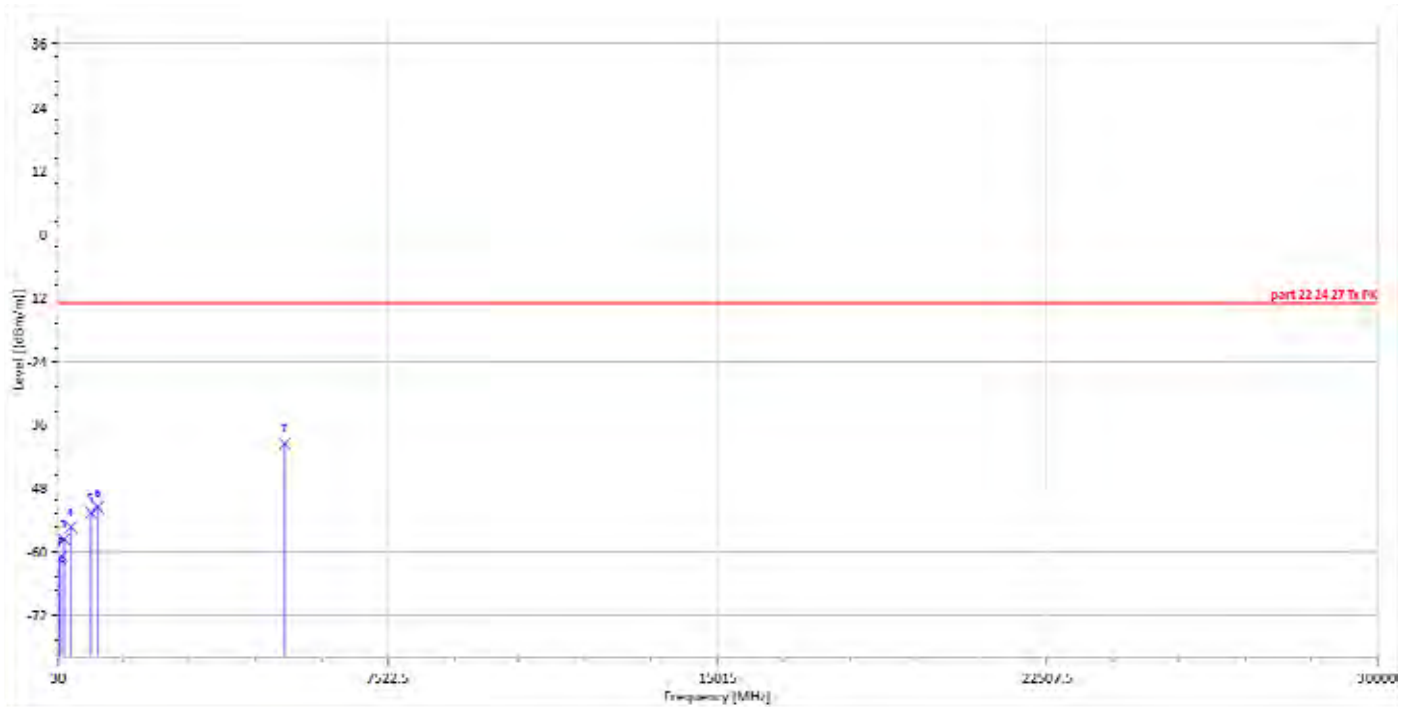
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB38 5M QPSK 1.0 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 2595.0 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 60.07 | S | -61.25 | -58.99 | -1.22 | -1.05 | -13.01 | -48.24 |
| 100.81 | S | -60.85 | -58.15 | -1.32 | -1.39 | -13.01 | -47.84 |
| 161.92 | S | -57.59 | -59.22 | 3.41 | -1.78 | -13.01 | -44.58 |
| 316.15 | S | -55.32 | -58.67 | 5.90 | -2.54 | -13.01 | -42.31 |
| 774.96 | S | -52.61 | -56.32 | 7.74 | -4.03 | -13.01 | -39.60 |
| 936.95 | S | -51.63 | -55.08 | 7.95 | -4.49 | -13.01 | -38.62 |
| 5190.00 | H | -39.53 | -42.16 | 12.69 | -10.06 | -13.01 | -26.52 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

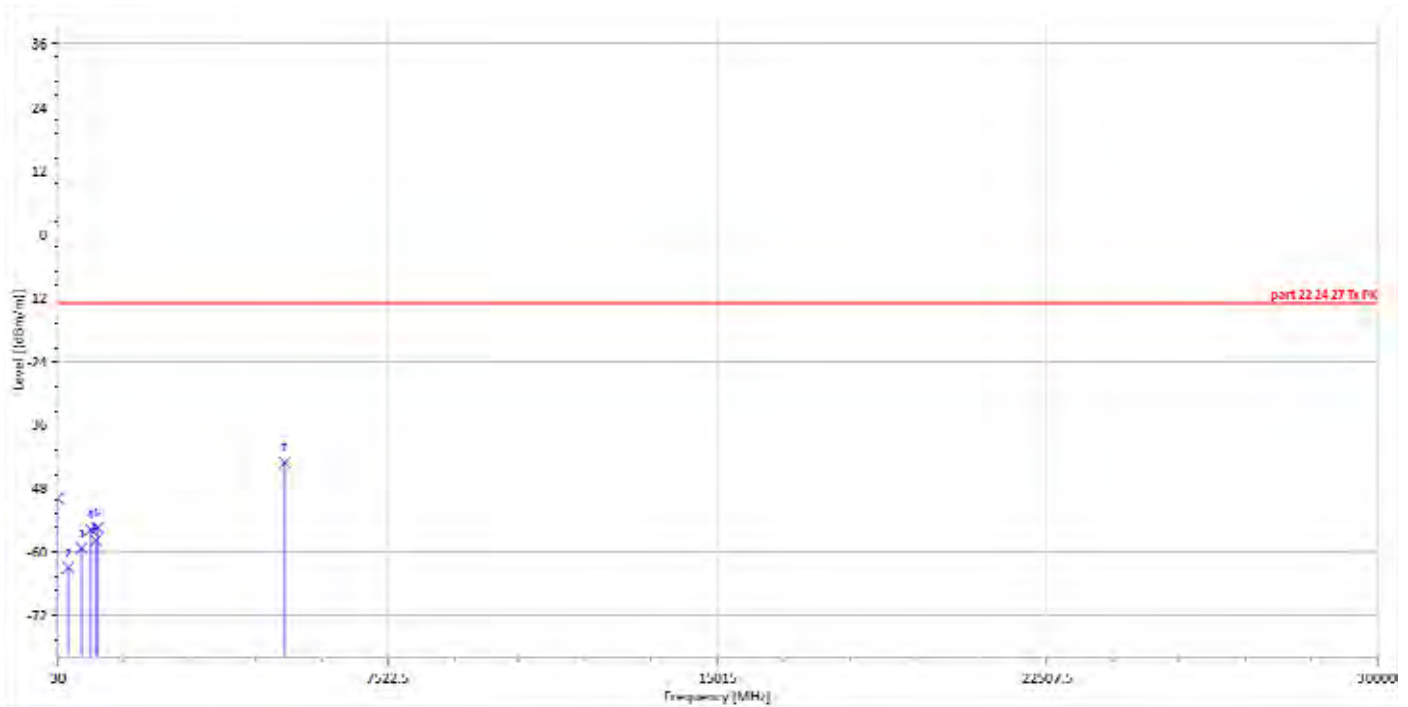
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB38 5M QPSK 1.0 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 2595.0 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 30.97 | S | -49.98 | -29.59 | -19.56 | -0.82 | -13.01 | -36.97 |
| 254.07 | S | -63.05 | -65.68 | 4.90 | -2.27 | -13.01 | -50.04 |
| 561.56 | S | -59.34 | -62.53 | 6.62 | -3.43 | -13.01 | -46.33 |
| 773.02 | S | -55.76 | -59.48 | 7.74 | -4.02 | -13.01 | -42.75 |
| 890.39 | S | -57.84 | -61.33 | 7.88 | -4.39 | -13.01 | -44.83 |
| 934.04 | S | -55.46 | -58.92 | 7.94 | -4.48 | -13.01 | -42.45 |
| 5190.00 | S | -43.14 | -45.76 | 12.69 | -10.06 | -13.01 | -30.13 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

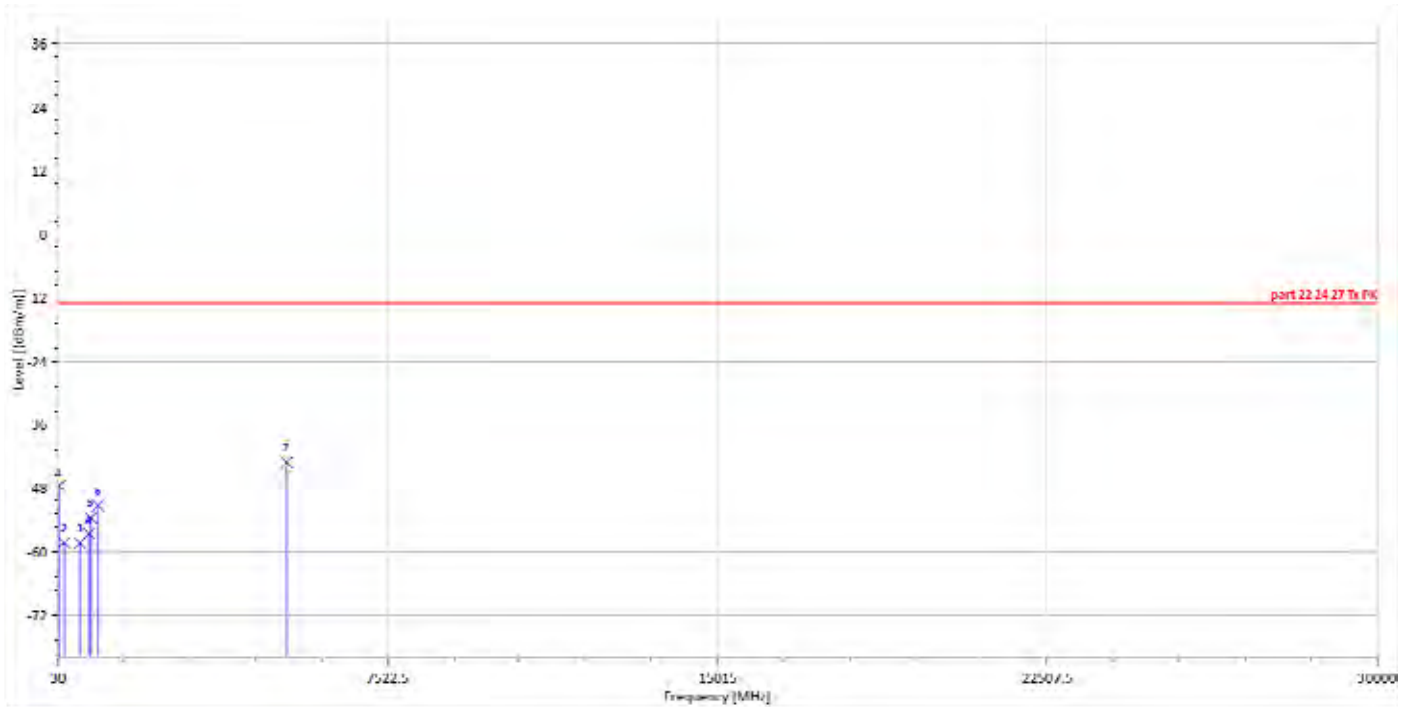
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB38 5M QPSK 1.0 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 2617.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 60.07 | S | -47.60 | -45.33 | -1.22 | -1.05 | -13.01 | -34.59 |
| 165.80 | S | -58.31 | -60.35 | 3.85 | -1.80 | -13.01 | -45.30 |
| 526.64 | S | -58.34 | -61.51 | 6.50 | -3.34 | -13.01 | -45.33 |
| 732.28 | S | -56.57 | -60.38 | 7.71 | -3.90 | -13.01 | -43.56 |
| 774.96 | S | -53.54 | -57.25 | 7.74 | -4.03 | -13.01 | -40.53 |
| 937.92 | S | -51.35 | -54.81 | 7.95 | -4.49 | -13.01 | -38.34 |
| 5235.00 | S | -43.08 | -45.73 | 12.74 | -10.09 | -13.01 | -30.07 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

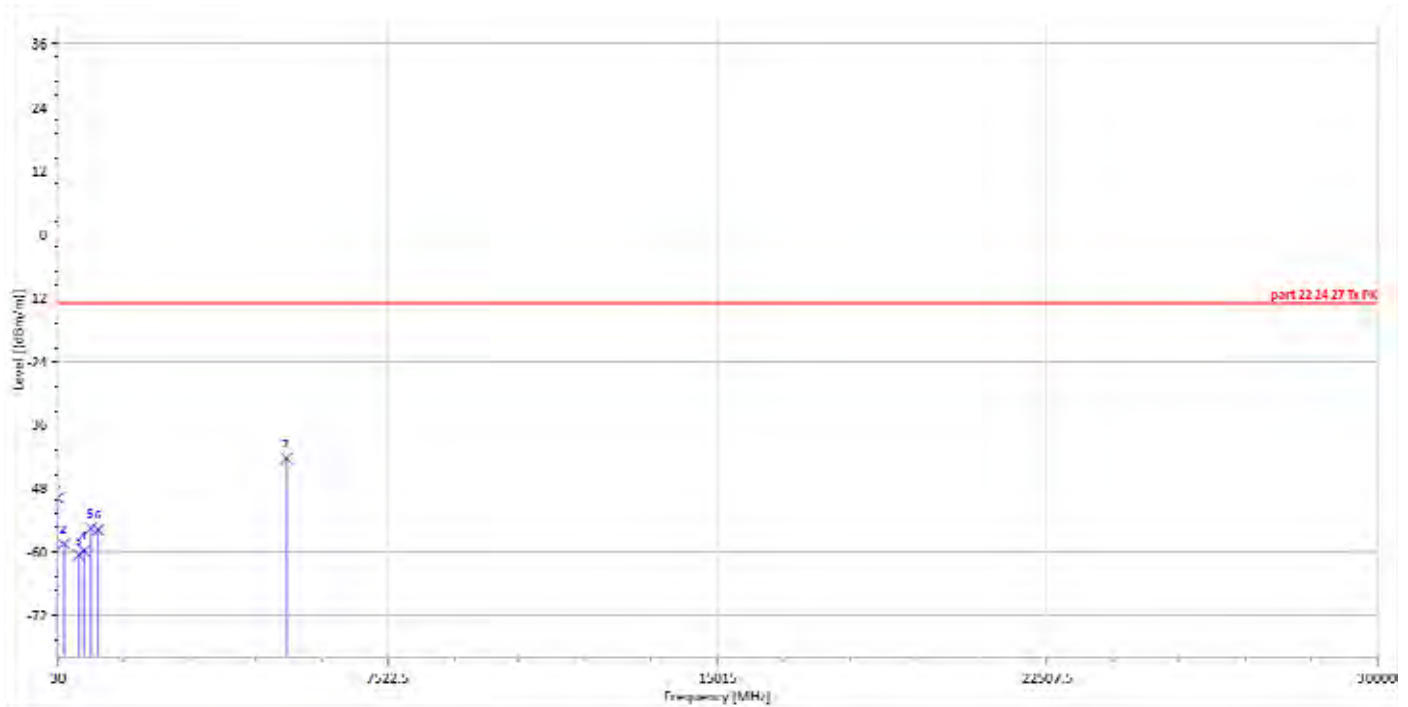
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB38 5M QPSK 1.0 | Test Date : | 2017/9/29 |
| Fundamental Frequency : | 2617.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | E2 | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 31.94 | S | -49.93 | -30.32 | -18.78 | -0.83 | -13.01 | -36.92 |
| 161.92 | S | -58.54 | -60.16 | 3.41 | -1.78 | -13.01 | -45.53 |
| 497.54 | S | -60.65 | -63.91 | 6.48 | -3.22 | -13.01 | -47.64 |
| 620.73 | S | -59.84 | -63.26 | 7.05 | -3.63 | -13.01 | -46.83 |
| 774.96 | S | -55.55 | -59.26 | 7.74 | -4.03 | -13.01 | -42.54 |
| 940.83 | S | -55.82 | -59.27 | 7.95 | -4.50 | -13.01 | -42.81 |
| 5235.00 | H | -42.30 | -44.94 | 12.74 | -10.09 | -13.01 | -29.29 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

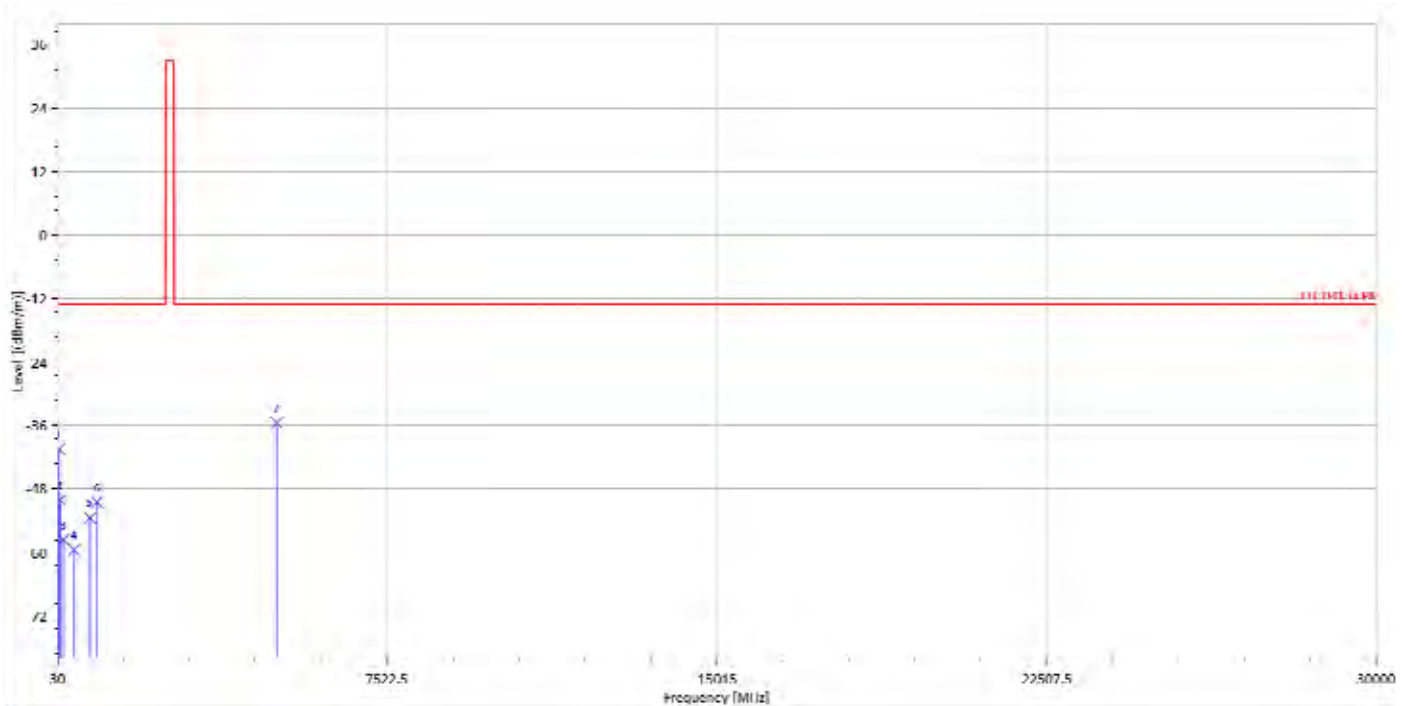
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 41(The Worst Case)

Operation Mode : LTEB41 20M QPSK 1.0 Test Date : 2017/9/29
 Fundamental Frequency : 2506 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Low Test Engineer : Enzo
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



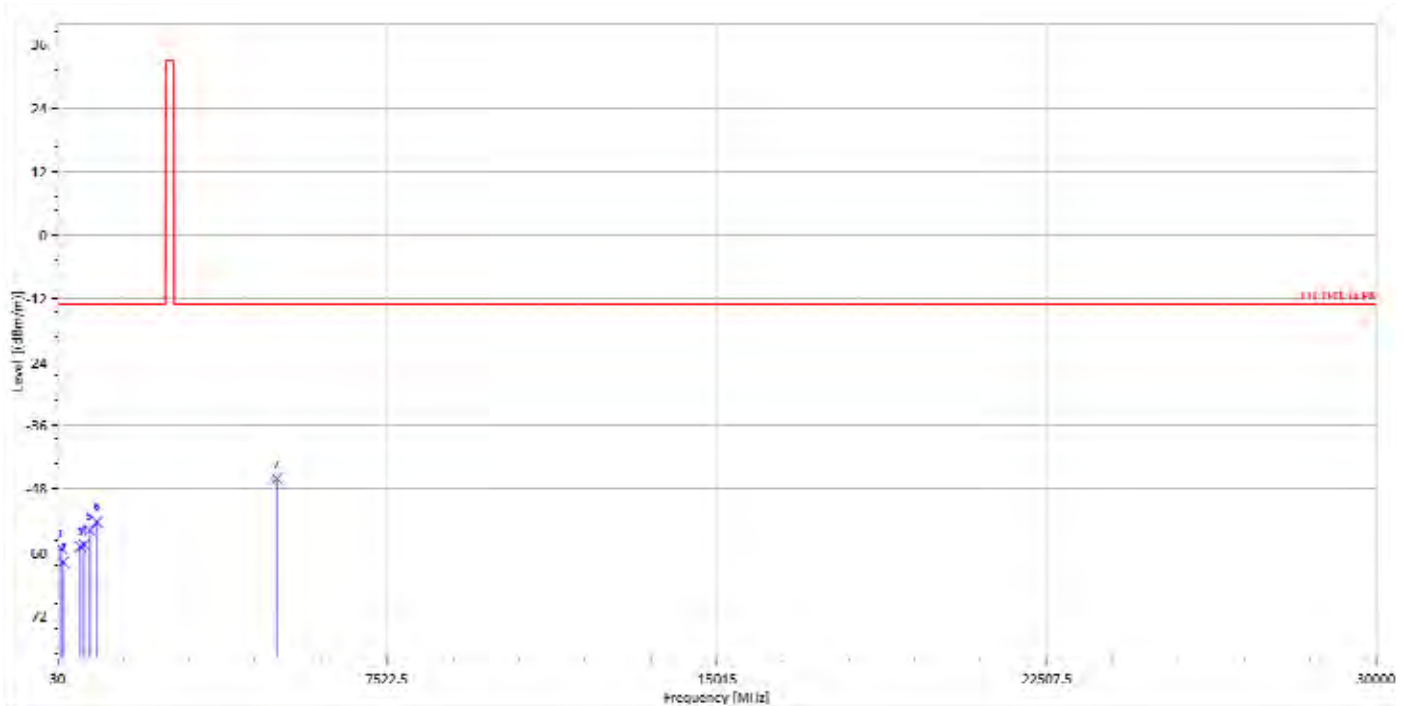
| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 63.95 | S | -40.40 | -38.61 | -0.70 | -1.09 | -13 | -27.40 |
| 87.23 | S | -50.14 | -48.91 | 0.05 | -1.28 | -13 | -37.14 |
| 162.89 | S | -57.56 | -59.29 | 3.52 | -1.79 | -13 | -44.56 |
| 414.12 | S | -59.48 | -62.44 | 5.90 | -2.93 | -13 | -46.48 |
| 776.90 | S | -53.37 | -57.07 | 7.74 | -4.04 | -13 | -40.37 |
| 937.92 | S | -50.53 | -53.98 | 7.95 | -4.49 | -13 | -37.53 |
| 5012.00 | H | -35.54 | -38.12 | 12.51 | -9.93 | -13 | -22.54 |

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

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

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

Operation Mode : LTEB41 20M QPSK 1.0 Test Date : 2017/9/29
 Fundamental Frequency : 2506 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Low Test Engineer : Enzo
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 113.42 | S | -59.17 | -56.20 | -1.51 | -1.47 | -13 | -46.17 |
| 162.89 | S | -61.81 | -63.54 | 3.52 | -1.79 | -13 | -48.81 |
| 554.77 | S | -58.81 | -61.95 | 6.56 | -3.42 | -13 | -45.81 |
| 645.95 | S | -58.50 | -61.97 | 7.15 | -3.69 | -13 | -45.50 |
| 773.99 | S | -55.79 | -59.50 | 7.74 | -4.03 | -13 | -42.79 |
| 936.95 | S | -54.14 | -57.59 | 7.95 | -4.49 | -13 | -41.14 |
| 5012.00 | H | -46.06 | -48.65 | 12.51 | -9.93 | -13 | -33.06 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

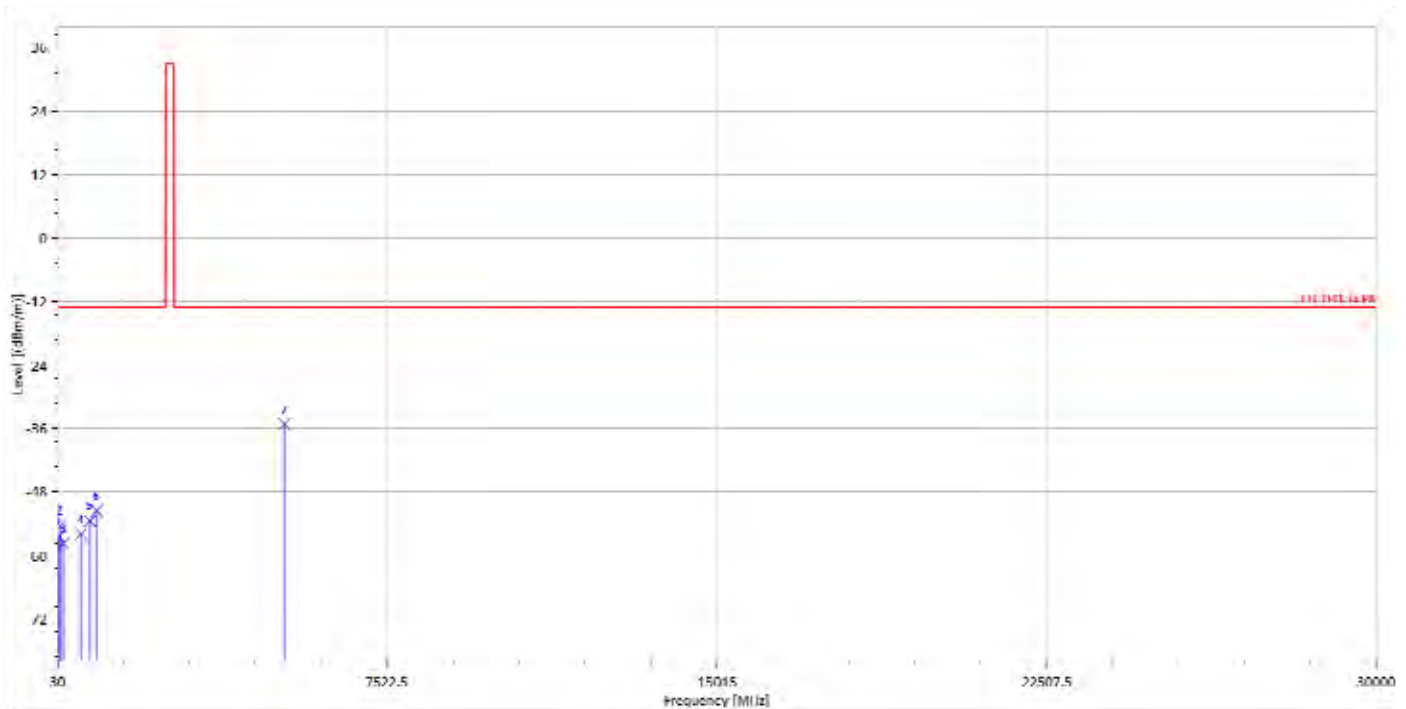
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : LTEB41 20M QPSK 1.0 Test Date : 2017/9/29
 Fundamental Frequency : 2593 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Enzo
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 63.95 | S | -56.37 | -54.58 | -0.70 | -1.09 | -13 | -43.37 |
| 95.96 | S | -54.33 | -52.17 | -0.81 | -1.35 | -13 | -41.33 |
| 165.80 | S | -57.65 | -59.69 | 3.85 | -1.80 | -13 | -44.65 |
| 569.32 | S | -55.86 | -59.10 | 6.69 | -3.46 | -13 | -42.86 |
| 774.96 | S | -53.38 | -57.09 | 7.74 | -4.03 | -13 | -40.38 |
| 932.10 | S | -51.52 | -54.98 | 7.94 | -4.48 | -13 | -38.52 |
| 5186.00 | H | -35.20 | -37.82 | 12.69 | -10.06 | -13 | -22.20 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

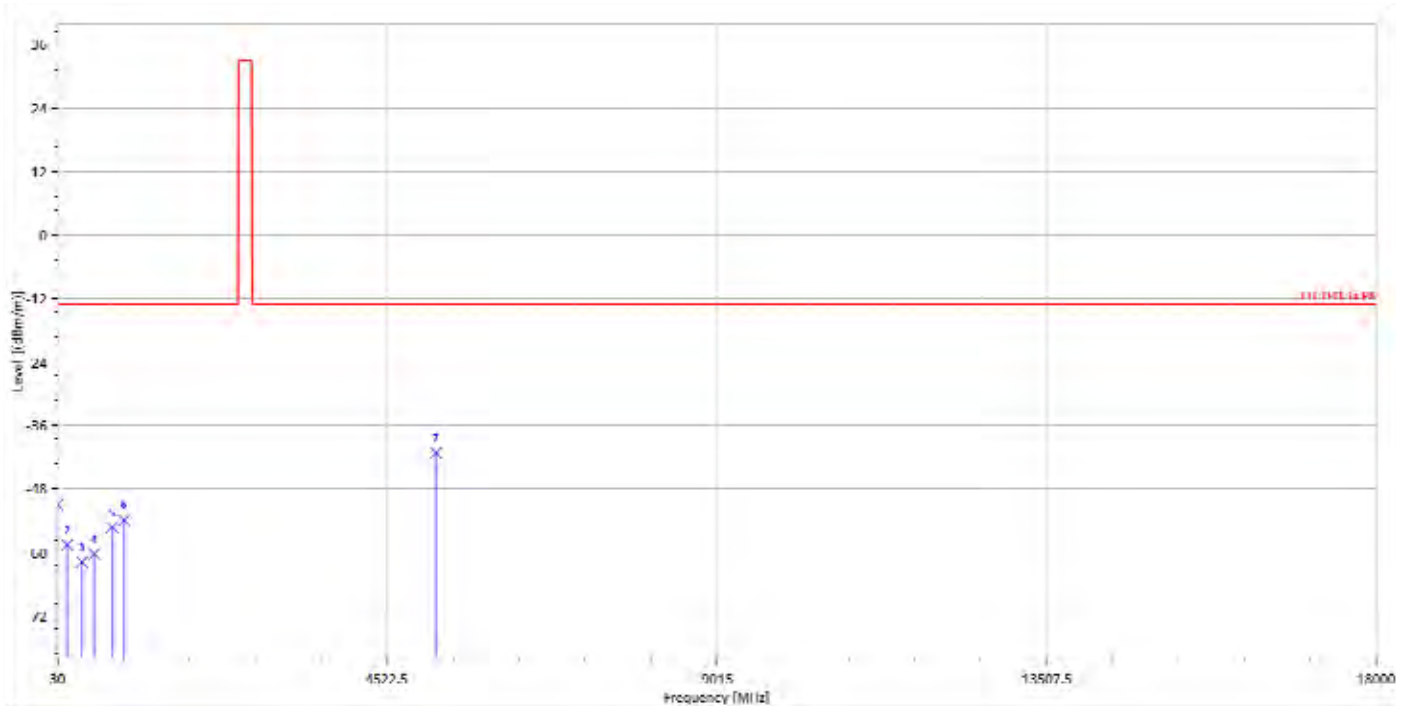
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : LTEB41 20M QPSK 1.0 Test Date : 2017/9/29
 Fundamental Frequency : 2593 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Enzo
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 32.91 | S | -51.02 | -32.19 | -18.00 | -0.83 | -13 | -38.02 |
| 162.89 | S | -58.52 | -60.25 | 3.52 | -1.79 | -13 | -45.52 |
| 367.56 | S | -61.80 | -64.97 | 5.91 | -2.74 | -13 | -48.80 |
| 538.28 | S | -60.25 | -63.39 | 6.51 | -3.37 | -13 | -47.25 |
| 775.93 | S | -55.14 | -58.84 | 7.74 | -4.03 | -13 | -42.14 |
| 934.04 | S | -53.81 | -57.27 | 7.94 | -4.48 | -13 | -40.81 |
| 5186.00 | S | -41.11 | -43.74 | 12.69 | -10.06 | -13 | -28.11 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

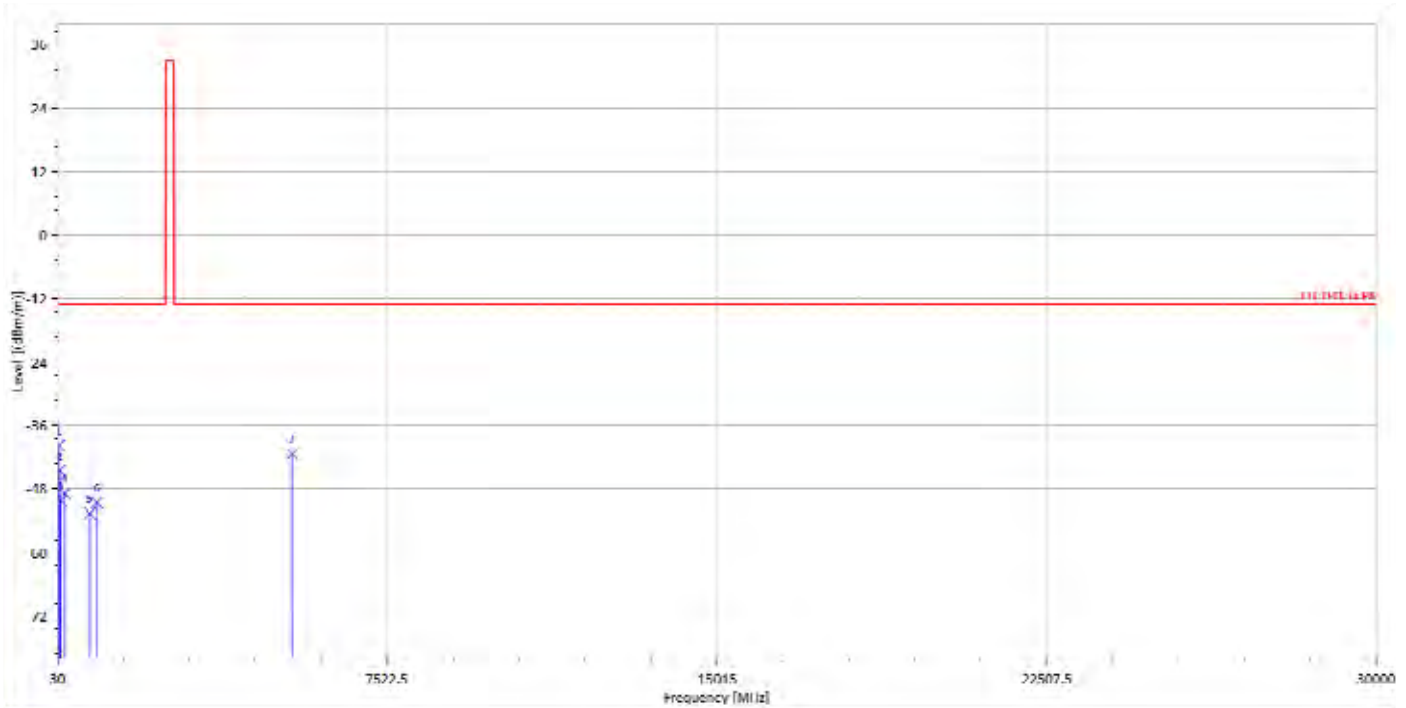
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : LTEB41 20M QPSK 1.0 Test Date : 2017/9/29
 Fundamental Frequency : 2680 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH High Test Engineer : Enzo
 EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 59.10 | S | -39.67 | -37.05 | -1.58 | -1.04 | -13 | -26.67 |
| 79.47 | S | -44.46 | -43.69 | 0.45 | -1.22 | -13 | -31.46 |
| 107.60 | S | -50.19 | -47.19 | -1.57 | -1.43 | -13 | -37.19 |
| 191.02 | S | -48.83 | -52.76 | 5.87 | -1.95 | -13 | -35.83 |
| 773.99 | S | -52.58 | -56.29 | 7.74 | -4.03 | -13 | -39.58 |
| 937.92 | S | -50.61 | -54.06 | 7.95 | -4.49 | -13 | -37.61 |
| 5360.00 | H | -41.31 | -43.98 | 12.86 | -10.18 | -13 | -28.31 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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

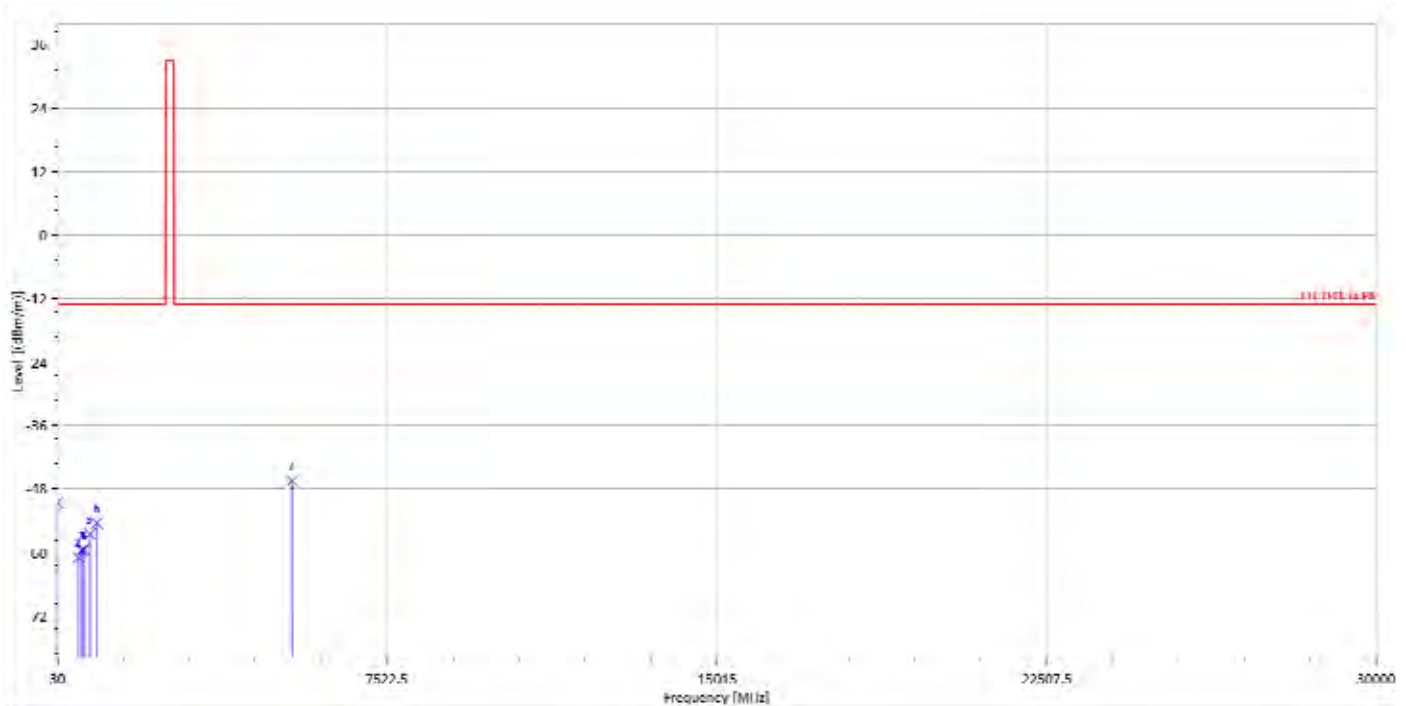
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : LTEB41 20M QPSK 1.0 Test Date : 2017/9/29
 Fundamental Frequency : 2680 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH High Test Engineer : Enzo
 EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit @3m dBm/m | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 31.94 | S | -50.59 | -30.99 | -18.78 | -0.83 | -13 | -37.59 |
| 512.09 | S | -60.97 | -64.20 | 6.50 | -3.27 | -13 | -47.97 |
| 586.78 | S | -59.56 | -62.90 | 6.85 | -3.52 | -13 | -46.56 |
| 639.16 | S | -59.43 | -62.89 | 7.13 | -3.67 | -13 | -46.43 |
| 776.90 | S | -56.48 | -60.19 | 7.74 | -4.04 | -13 | -43.48 |
| 936.95 | S | -54.37 | -57.82 | 7.95 | -4.49 | -13 | -41.37 |
| 5360.00 | H | -46.46 | -49.13 | 12.86 | -10.18 | -13 | -33.46 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

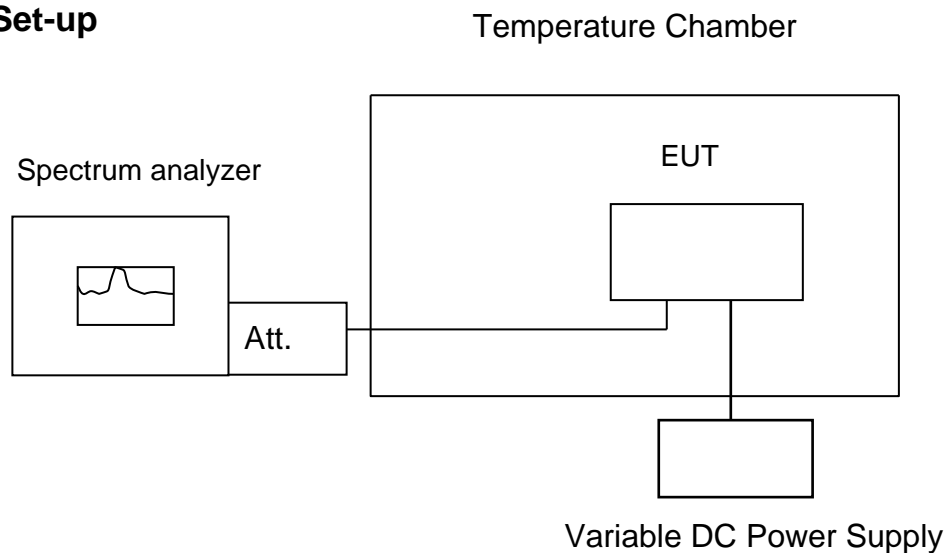
Member of SGS Group

11. FREQUENCY STABILITY MEASUREMENT

11.1. Standard Applicabl

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

11.2. Test Set-up



Note: Measurement setup for testing on Antenna connector

11.3. Measurement Procedure

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

Set chamber temperature to 25 . Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint as declared by the manufacturer, record the maximum frequency change.

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

11.4. Measurement Equipment Used

| Conducted Emission (measured at antenna port) Test Site | | | | | |
|---|-----------|--------------------|---------------|------------|------------|
| EQUIPMENT TYPE | MFR | MODEL NUMBER | SERIAL NUMBER | LAST CAL. | CAL DUE. |
| Spectrum Analyzer | KEYSIGHT | N9010A | MY51440113 | 06/20/2017 | 06/19/2018 |
| Communication Tester | Anritsu | MT8820C | 6201107337 | 05/25/2017 | 05/24/2018 |
| Coaxial Cable 30cm | WOKEN | 00100A1F1A 195C | RF01 | 12/12/2016 | 12/11/2017 |
| Temperature Chamber | TERCHY | MHK-120LK | 1020582 | 06/13/2017 | 06/12/2018 |
| DC Block | PASTERNAK | PE8210 | RF29 | 12/12/2016 | 12/11/2017 |
| Splitter | RF-LAMBAD | RFLT2W1G1 8G | RF35 | 12/12/2016 | 12/11/2017 |
| Attenuator | WOKEN | 218FS-10 | RF23 | 12/12/2016 | 12/11/2017 |
| DC Power Supply | Agilent | E3640A | MY53140006 | 05/02/2017 | 05/01/2018 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

Member of SGS Group

11.5. Measurement Result

| Reference Frequency: GPRS 850 Mid Channel 836.6 MHz | | | | |
|---|-------------|-----------|------------|------------|
| Limit: +/- 2.5 ppm | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) |
| Vdc | Temp. () | (MHz) | | |
| FREQUENCY ERROR vs. VOLTAGE | | | | |
| 4.42 | 20 | 836600009 | 17 | 2091 |
| 3.85 | 20 | 836599992 | -3 | 2091 |
| 3.4 | 20 | 836599995 | 8 | 2091 |
| 3.3 (End point) | 20 | 836599987 | -5 | 2091 |
| FREQUENCY ERROR vs. Temp. | | | | |
| 3.85 | 50 | 836600001 | -8 | 2091 |
| 3.85 | 40 | 836600009 | 24 | 2091 |
| 3.85 | 30 | 836599985 | -14 | 2091 |
| 3.85 | 20 | 836599999 | -15 | 2091 |
| 3.85 | 10 | 836600014 | 25 | 2091 |
| 3.85 | 0 | 836599989 | -2 | 2091 |
| 3.85 | -10 | 836599991 | -11 | 2091 |
| 3.85 | -20 | 836600002 | -6 | 2091 |
| 3.85 | -30 | 836600008 | 5 | 2091 |

| Reference Frequency: GPRS 1900 Mid Channel 1880 MHz | | | | |
|---|-------------|------------|------------|------------|
| Limit: +/- 2.5 ppm | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) |
| Vdc | Temp. () | (MHz) | | |
| FREQUENCY ERROR vs. VOLTAGE | | | | |
| 4.42 | 20 | 1879999998 | 6 | 4700 |
| 3.85 | 20 | 1879999992 | -10 | 4700 |
| 3.4 | 20 | 1880000002 | 11 | 4700 |
| 3.3 (End point) | 20 | 1879999991 | -5 | 4700 |
| FREQUENCY ERROR vs. Temp. | | | | |
| 3.85 | 50 | 1880000008 | 12 | 4700 |
| 3.85 | 40 | 1879999996 | 4 | 4700 |
| 3.85 | 30 | 1879999992 | -16 | 4700 |
| 3.85 | 20 | 1880000008 | 13 | 4700 |
| 3.85 | 10 | 1879999995 | 4 | 4700 |
| 3.85 | 0 | 1879999991 | -18 | 4700 |
| 3.85 | -10 | 1880000009 | 10 | 4700 |
| 3.85 | -20 | 1879999999 | -6 | 4700 |
| 3.85 | -30 | 1880000005 | 3 | 4700 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

| Reference Frequency: WCDMA II Mid Channel 1880 MHz | | | | |
|--|-------------|------------|------------|------------|
| Limit: +/- 2.5 ppm | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) |
| Vdc | Temp. () | (MHz) | | |
| FREQUENCY ERROR vs. VOLTAGE | | | | |
| 4.42 | 20 | 1879999997 | -12 | 4700 |
| 3.85 | 20 | 1880000009 | 25 | 4700 |
| 3.4 | 20 | 1879999984 | -24 | 4700 |
| 3.3 (End point) | 20 | 1880000008 | 2 | 4700 |
| FREQUENCY ERROR vs. Temp. | | | | |
| Reference Frequency: WCDMA II Mid Channel 1880 | | | | |
| Limit: +/- 2.5 ppm | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) |
| Vdc | Temp. () | (MHz) | | |
| 3.85 | 50 | 1879999991 | -13 | 4700 |
| 3.85 | 40 | 1880000004 | 11 | 4700 |
| 3.85 | 30 | 1879999993 | -6 | 4700 |
| 3.85 | 20 | 1879999999 | -7 | 4700 |
| 3.85 | 10 | 1880000006 | 10 | 4700 |
| 3.85 | 0 | 1879999996 | -6 | 4700 |
| 3.85 | -10 | 1880000002 | -6 | 4700 |
| 3.85 | -20 | 1880000008 | 13 | 4700 |
| 3.85 | -30 | 1879999995 | 7 | 4700 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

Member of SGS Group

| Reference Frequency: WCDMA IV Mid Channel 1732.6 MHz | | | | |
|--|-------------|-----------|------------|------------|
| Limit: +/- 2.5 ppm | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) |
| Vdc | Temp. () | (MHz) | | |
| FREQUENCY ERROR vs. VOLTAGE | | | | |
| 4.42 | 20 | 173260005 | 12 | 4331 |
| 3.85 | 20 | 173259993 | -5 | 4331 |
| 3.4 | 20 | 173259998 | -4 | 4331 |
| 3.3 (End point) | 20 | 173260002 | -5 | 4331 |
| FREQUENCY ERROR vs. Temp. | | | | |
| Reference Frequency: WCDMA IV Mid Channel 1732.6 MHz | | | | |
| Limit: +/- 2.5 ppm | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) |
| Vdc | Temp. () | (MHz) | | |
| 3.85 | 50 | 173259991 | -11 | 4331 |
| 3.85 | 40 | 173260002 | -4 | 4331 |
| 3.85 | 30 | 173260006 | 20 | 4331 |
| 3.85 | 20 | 173259986 | 2 | 4331 |
| 3.85 | 10 | 173259984 | -23 | 4331 |
| 3.85 | 0 | 173260007 | -1 | 4331 |
| 3.85 | -10 | 173260008 | 9 | 4331 |
| 3.85 | -20 | 173259999 | -10 | 4331 |
| 3.85 | -30 | 173260009 | 7 | 4331 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

Member of SGS Group

| Reference Frequency: WCDMA V Mid Channel 836.6 MHz | | | | |
|--|-------------|-----------|------------|------------|
| Limit: +/- 2.5 ppm | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) |
| Vdc | Temp. () | (MHz) | | |
| FREQUENCY ERROR vs. VOLTAGE | | | | |
| 4.42 | 20 | 836599986 | -26 | 2091 |
| 3.85 | 20 | 836600012 | 8 | 2091 |
| 3.4 | 20 | 836600004 | 8 | 2091 |
| 3.3 (End point) | 20 | 836599996 | -1 | 2091 |
| FREQUENCY ERROR vs. Temp. | | | | |
| Reference Frequency: WCDMA V Mid Channel 836.6 MHz | | | | |
| Limit: +/- 2.5 ppm | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) |
| Vdc | Temp. () | (MHz) | | |
| 3.85 | 50 | 836599994 | -8 | 2091 |
| 3.85 | 40 | 836600002 | 11 | 2091 |
| 3.85 | 30 | 836599991 | 0 | 2091 |
| 3.85 | 20 | 836599991 | -12 | 2091 |
| 3.85 | 10 | 836600003 | 7 | 2091 |
| 3.85 | 0 | 836599996 | -16 | 2091 |
| 3.85 | -10 | 836600012 | 3 | 2091 |
| 3.85 | -20 | 836600009 | 4 | 2091 |
| 3.85 | -30 | 836600005 | 4 | 2091 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

Member of SGS Group

| Reference Freq.: | LTE B2 Mid Channel | | 1880 | MHz 20M QPSK CH 18900 |
|--------------------------------|--------------------|-------------|------------|--------------------------|
| | Temp. () | Freq. (MHz) | | |
| Power Supply Vdc | | | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 4.42 | 25 | 1880.000006 | 24 | 4700 |
| 3.85 | 25 | 1879.999982 | 0 | 4700 |
| 3.4 | 25 | 1880 | 18 | 4700 |
| 3.3 (End Point) | 25 | 1880 | 18 | 4700 |
| Freq. ERROR vs. Temp. | | | | |
| 3.85 | -30 | 1880.000004 | -15 | 4700 |
| 3.85 | -20 | 1879.999982 | -37 | 4700 |
| 3.85 | -10 | 1880.000013 | -6 | 4700 |
| 3.85 | 0 | 1879.999981 | -38 | 4700 |
| 3.85 | 10 | 1879.999982 | -37 | 4700 |
| 3.85 | 20 | 1880.000019 | 0 | 4700 |
| 3.85 | 30 | 1880.000001 | -9 | 4700 |
| 3.85 | 40 | 1880.000013 | -6 | 4700 |
| 3.85 | 50 | 1880.000006 | -13 | 4700 |

| Reference Freq.: | LTE B4 Mid Channel | | 1732.5 | MHz 20M QPSK CH 20175 |
|--------------------------------|--------------------|-------------|------------|--------------------------|
| | Temp. () | Freq. (MHz) | | |
| Power Supply Vdc | | | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 4.42 | 25 | 1732.5 | 30 | 4331 |
| 3.85 | 25 | 1732.5 | 0 | 4331 |
| 3.4 | 25 | 1732.5 | 22 | 4331 |
| 3.3 (End Point) | 25 | 1732.5 | 22 | 4331 |
| Freq. ERROR vs. Temp. | | | | |
| 3.85 | -30 | 1732.5 | -11 | 4331 |
| 3.85 | -20 | 1732.5 | -33 | 4331 |
| 3.85 | -10 | 1732.5 | -8 | 4331 |
| 3.85 | 0 | 1732.5 | -37 | 4331 |
| 3.85 | 10 | 1732.5 | -40 | 4331 |
| 3.85 | 20 | 1732.5 | 0 | 4331 |
| 3.85 | 30 | 1732.5 | -5 | 4331 |
| 3.85 | 40 | 1732.5 | -2 | 4331 |
| 3.85 | 50 | 1732.5 | -17 | 4331 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/新北市五股區新北產業園區五工路 134 號

| Reference Freq.: | LTE B5 Mid Channel | | 836.5 | MHz 10M QPSK CH 20525 |
|--------------------------------|--------------------|-------------|------------|--------------------------|
| Power Supply Vdc | Temp. () | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 4.42 | 25 | 836.499991 | 14 | 2091 |
| 3.85 | 25 | 836.499977 | 0 | 2091 |
| 3.4 | 25 | 836.499994 | 17 | 2091 |
| 3.3 (End Point) | 25 | 836.5 | 23 | 2091 |
| Freq. ERROR vs. Temp. | | | | |
| 3.85 | -30 | 836.500021 | 3 | 2091 |
| 3.85 | -20 | 836.499987 | -31 | 2091 |
| 3.85 | -10 | 836.499987 | -31 | 2091 |
| 3.85 | 0 | 836.500016 | -2 | 2091 |
| 3.85 | 10 | 836.499986 | -32 | 2091 |
| 3.85 | 20 | 836.500018 | 0 | 2091 |
| 3.85 | 30 | 836.499991 | -27 | 2091 |
| 3.85 | 40 | 836.500003 | -15 | 2091 |
| 3.85 | 50 | 836.500023 | 5 | 2091 |

| Reference Freq.: | LTE B7 Mid Channel | | 2535 | MHz 10M QPSK CH 21100 |
|--------------------------------|--------------------|-------------|------------|--------------------------|
| Power Supply Vdc | Temp. () | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 4.42 | 25 | 2535 | -7 | 6338 |
| 3.85 | 25 | 2535 | 0 | 6338 |
| 3.4 | 25 | 2535 | -37 | 6338 |
| 3.3 (End Point) | 25 | 2535 | -13 | 6338 |
| Freq. ERROR vs. Temp. | | | | |
| 3.85 | -30 | 2535 | -12 | 6338 |
| 3.85 | -20 | 2535 | -29 | 6338 |
| 3.85 | -10 | 2535 | -23 | 6338 |
| 3.85 | 0 | 2535 | 10 | 6338 |
| 3.85 | 10 | 2535 | 15 | 6338 |
| 3.85 | 20 | 2535 | 0 | 6338 |
| 3.85 | 30 | 2535 | -27 | 6338 |
| 3.85 | 40 | 2535 | -7 | 6338 |
| 3.85 | 50 | 2535 | -31 | 6338 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

| Reference Freq.: | LTE B12 Mid Channel | | 707.5 | MHz 10M QPSK CH 23095 |
|--------------------------------|---------------------|-------------|------------|--------------------------|
| Power Supply Vdc | Temp. () | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 4.42 | 25 | 707.499984 | 3 | 1769 |
| 3.85 | 25 | 707.499981 | 0 | 1769 |
| 3.4 | 25 | 707.499992 | 11 | 1769 |
| 3.3 (End Point) | 25 | 707.5 | 19 | 1769 |
| Freq. ERROR vs. Temp. | | | | |
| 3.85 | -30 | 707.500008 | 32 | 1769 |
| 3.85 | -20 | 707.499981 | 5 | 1769 |
| 3.85 | -10 | 707.500022 | 46 | 1769 |
| 3.85 | 0 | 707.499996 | 20 | 1769 |
| 3.85 | 10 | 707.500021 | 45 | 1769 |
| 3.85 | 20 | 707.499976 | 0 | 1769 |
| 3.85 | 30 | 707.500012 | 36 | 1769 |
| 3.85 | 40 | 707.499978 | 2 | 1769 |
| 3.85 | 50 | 707.499984 | 8 | 1769 |

| Reference Freq.: | LTE B17 Mid Channel | | 710 | MHz 10M QPSK CH 23790 |
|--------------------------------|---------------------|-------------|------------|--------------------------|
| Power Supply Vdc | Temp. () | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 4.42 | 25 | 710.00001 | -12 | 1775 |
| 3.85 | 25 | 710.00002 | 0 | 1775 |
| 3.4 | 25 | 710 | -21 | 1775 |
| 3.3 (End Point) | 25 | 710 | -22 | 1775 |
| Freq. ERROR vs. Temp. | | | | |
| 3.85 | -30 | 710 | -1 | 1775 |
| 3.85 | -20 | 709.99998 | -16 | 1775 |
| 3.85 | -10 | 710.00001 | 14 | 1775 |
| 3.85 | 0 | 710.00001 | 16 | 1775 |
| 3.85 | 10 | 710 | 2 | 1775 |
| 3.85 | 20 | 710 | 0 | 1775 |
| 3.85 | 30 | 709.99999 | -8 | 1775 |
| 3.85 | 40 | 710 | 2 | 1775 |
| 3.85 | 50 | 710 | 1 | 1775 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

| Reference Freq.: | LTE B25 Mid Channel | | 1882.5 | MHz 20M QPSK CH 26365 |
|--------------------------------|---------------------|-------------|------------|--------------------------|
| Power Supply Vdc | Temp. () | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 4.42 | 25 | 1882.500007 | -10 | 2091 |
| 3.85 | 25 | 1882.500017 | 0 | 2091 |
| 3.4 | 25 | 1882.500018 | 1 | 2091 |
| 3.3 (End Point) | 25 | 1882.5 | -17 | 2091 |
| Freq. ERROR vs. Temp. | | | | |
| 3.85 | -30 | 1882.499997 | 7 | 2091 |
| 3.85 | -20 | 1882.499992 | 2 | 2091 |
| 3.85 | -10 | 1882.500013 | 23 | 2091 |
| 3.85 | 0 | 1882.499994 | 4 | 2091 |
| 3.85 | 10 | 1882.500023 | 33 | 2091 |
| 3.85 | 20 | 1882.49999 | 0 | 2091 |
| 3.85 | 30 | 1882.500015 | 25 | 2091 |
| 3.85 | 40 | 1882.499995 | 5 | 2091 |
| 3.85 | 50 | 1882.5 | 10 | 2091 |

| Reference Freq.: | LTE B26 Mid Channel | | 836.5 | MHz 15M QPSK CH 26915 |
|--------------------------------|---------------------|-------------|------------|--------------------------|
| Power Supply Vdc | Temp. () | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 4.42 | 25 | 836.499987 | -10 | 2091 |
| 3.85 | 25 | 836.499997 | 0 | 2091 |
| 3.4 | 25 | 836.500023 | 26 | 2091 |
| 3.3 (End Point) | 25 | 836.5 | 3 | 2091 |
| Freq. ERROR vs. Temp. | | | | |
| 3.85 | -30 | 836.499995 | -27 | 2091 |
| 3.85 | -20 | 836.500002 | -20 | 2091 |
| 3.85 | -10 | 836.500009 | -13 | 2091 |
| 3.85 | 0 | 836.499995 | -27 | 2091 |
| 3.85 | 10 | 836.499984 | -38 | 2091 |
| 3.85 | 20 | 836.500022 | 0 | 2091 |
| 3.85 | 30 | 836.500014 | -8 | 2091 |
| 3.85 | 40 | 836.500012 | -10 | 2091 |
| 3.85 | 50 | 836.499998 | -24 | 2091 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

| Reference Freq.: | | LTE Part90 B26 Mid Channel | 819 | MHz 10M QPSK CH 26740 |
|---|--------------|-------------------------------------|---------------|-----------------------------|
| Power Supply Vdc | Temp. () | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE (LTE B26 for Part 90S) | | | | |
| 4.42 | 25 | 818.99999 | -14 | 2048 |
| 3.85 | 25 | 819.00001 | 0 | 2048 |
| 3.4 | 25 | 819 | -11 | 2048 |
| 3.3 (End Point) | 25 | 819 | -6 | 2048 |
| Freq. ERROR vs. Temp. | | | | |
| 3.85 | -30 | 818.99999 | -17 | 2048 |
| 3.85 | -20 | 819.00001 | 5 | 2048 |
| 3.85 | -10 | 819.00002 | 14 | 2048 |
| 3.85 | 0 | 819 | -6 | 2048 |
| 3.85 | 10 | 818.99999 | -22 | 2048 |
| 3.85 | 20 | 819.00001 | 0 | 2048 |
| 3.85 | 30 | 819 | -12 | 2048 |
| 3.85 | 40 | 819 | -11 | 2048 |
| 3.85 | 50 | 819.00002 | 9 | 2048 |

| Reference Freq.: | | LTE B30 Mid Channel | 2310 | MHz 10M QPSK CH 27710 |
|--------------------------------|--------------|------------------------|---------------|-----------------------------|
| Power Supply Vdc | Temp. () | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 4.42 | 25 | 2310 | -8 | 6488 |
| 3.85 | 25 | 2310 | 0 | 6488 |
| 3.4 | 25 | 2310 | 15 | 6488 |
| 3.3 (End Point) | 25 | 2310 | 9 | 6488 |
| Freq. ERROR vs. Temp. | | | | |
| 3.85 | -30 | 2310 | 18 | 6488 |
| 3.85 | -20 | 2310 | 21 | 6488 |
| 3.85 | -10 | 2310 | 8 | 6488 |
| 3.85 | 0 | 2310 | 10 | 6488 |
| 3.85 | 10 | 2310 | 28 | 6488 |
| 3.85 | 20 | 2310 | 0 | 6488 |
| 3.85 | 30 | 2310 | 6 | 6488 |
| 3.85 | 40 | 2310 | 36 | 6488 |
| 3.85 | 50 | 2310 | 23 | 6488 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

| Reference Freq.: | LTE B38 Mid Channel | | 2595 | MHz 10M QPSK CH 38000 |
|--------------------------------|---------------------|-------------|------------|--------------------------|
| Power Supply Vdc | Temp. () | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 4.42 | 25 | 2595 | -18 | 6488 |
| 3.85 | 25 | 2595 | 0 | 6488 |
| 3.4 | 25 | 2595 | -14 | 6488 |
| 3.3 (End Point) | 25 | 2595 | -20 | 6488 |
| Freq. ERROR vs. Temp. | | | | |
| 3.85 | -30 | 2595 | -9 | 6488 |
| 3.85 | -20 | 2595 | -27 | 6488 |
| 3.85 | -10 | 2595 | 2 | 6488 |
| 3.85 | 0 | 2595 | -14 | 6488 |
| 3.85 | 10 | 2595 | 9 | 6488 |
| 3.85 | 20 | 2595 | 0 | 6488 |
| 3.85 | 30 | 2595 | 13 | 6488 |
| 3.85 | 40 | 2595 | -12 | 6488 |
| 3.85 | 50 | 2595 | 10 | 6488 |

| Reference Freq.: | LTE B41 Mid Channel | | 2605 | MHz 10M QPSK CH 40740 |
|--------------------------------|---------------------|-------------|------------|--------------------------|
| Power Supply Vdc | Temp. () | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 4.42 | 25 | 2605.000017 | 3 | 6488 |
| 3.85 | 25 | 2605.000014 | 0 | 6488 |
| 3.4 | 25 | 2604.999991 | -23 | 6488 |
| 3.3 (End Point) | 25 | 2605 | -14 | 6488 |
| Freq. ERROR vs. Temp. | | | | |
| 3.85 | -30 | 2604.999976 | -43 | 6488 |
| 3.85 | -20 | 2605.000002 | -17 | 6488 |
| 3.85 | -10 | 2604.999997 | -22 | 6488 |
| 3.85 | 0 | 2605.000004 | -15 | 6488 |
| 3.85 | 10 | 2605.000012 | -7 | 6488 |
| 3.85 | 20 | 2605.000019 | 0 | 6488 |
| 3.85 | 30 | 2604.999987 | -32 | 6488 |
| 3.85 | 40 | 2605.000001 | -18 | 6488 |
| 3.85 | 50 | 2605.000002 | 1 | 6488 |

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。

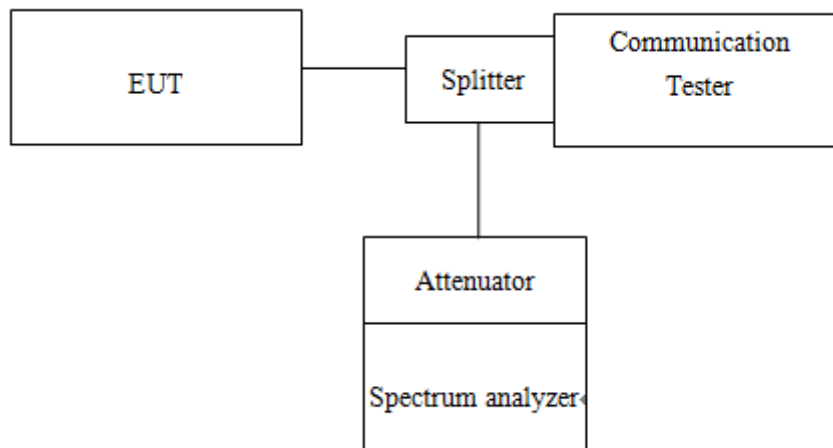
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm.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

12. PEAK TO AVERAGE RATIO

12.1. Standard Applicable

The peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

12.2. Test SET-UP



12.3. Measurement Procedure

1. KDB 971168 D01 is employed as the following procedure is proper adjusted accordingly:
2. Set resolution/measurement bandwidth \geq signal's occupied bandwidth; & internal =1ms
3. Set the number of counts to a value that stabilizes the measured CCDF curve.

12.4. Measurement Equipment Used

| Conducted Emission (measured at antenna port) Test Site | | | | | |
|---|-----------|--------------------|---------------|------------|------------|
| EQUIPMENT TYPE | MFR | MODEL NUMBER | SERIAL NUMBER | LAST CAL. | CAL DUE. |
| Spectrum Analyzer | KEYSIGHT | N9010A | MY51440113 | 06/20/2017 | 06/19/2018 |
| Communication Tester | Anritsu | MT8820C | 6201107337 | 05/25/2017 | 05/24/2018 |
| Coaxial Cable 30cm | WOKEN | 00100A1F1A 195C | RF01 | 12/12/2016 | 12/11/2017 |
| Temperature Chamber | TERCHY | MHK-120LK | 1020582 | 06/13/2017 | 06/12/2018 |
| DC Block | PASTERNAK | PE8210 | RF29 | 12/12/2016 | 12/11/2017 |
| Splitter | RF-LAMBAD | RFLT2W1G1 8G | RF35 | 12/12/2016 | 12/11/2017 |
| Attenuator | WOKEN | 218FS-10 | RF23 | 12/12/2016 | 12/11/2017 |
| DC Power Supply | Agilent | E3640A | MY53140006 | 05/02/2017 | 05/01/2018 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

12.5. Measurement Result

Tabular Results:

| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | |
|-------------|-----|----------------------------|----------|----------|
| | | GSM 850 | GPRS 850 | EDGE 850 |
| 824.2 | 128 | 9.73 | 9.35 | 7.55 |
| 836.6 | 190 | 9.65 | 7.86 | 8.48 |
| 848.8 | 251 | 9.29 | 10.79 | 9.3 |

| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | |
|-------------|------|----------------------------|----------|----------|
| | | WCDMA II | HSDPA II | HSUPA II |
| 1852.4 | 9262 | 3.49 | 3.68 | 3.72 |
| 1880 | 9400 | 3.77 | 3.71 | 3.65 |
| 1907.6 | 9538 | 2.97 | 3.80 | 3.89 |

| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | |
|-------------|-----|----------------------------|-----------|-----------|
| | | GSM 1900 | GPRS 1900 | EDGE 1900 |
| 1850.2 | 512 | 9.03 | 8.94 | 9.78 |
| 1880 | 661 | 9.8 | 7.78 | 10.08 |
| 1909.8 | 810 | 9.67 | 9.43 | 11.01 |

| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | |
|-------------|------|----------------------------|----------|----------|
| | | WCDMA IV | HSDPA IV | HSUPA IV |
| 1712.4 | 1312 | 3.55 | 3.79 | 3.65 |
| 1732.6 | 1413 | 4.14 | 3.90 | 3.78 |
| 1752.6 | 1513 | 3.95 | 3.94 | 3.93 |

| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | |
|-------------|------|----------------------------|---------|---------|
| | | WCDMA V | HSDPA V | HSUPA V |
| 826.4 | 4132 | 3.14 | 5.26 | 5.33 |
| 836.6 | 4183 | 3.12 | 4.55 | 4.05 |
| 846.6 | 4233 | 3.11 | 4.46 | 5.20 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

Member of SGS Group

| LTE BAND 2 | | | | | | | |
|---------------------------|-------|-----------------------|-------|-------------------------|-------|-----------------------|-------|
| Channel bandwidth: 1.4MHz | | | | Channel bandwidth: 3MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio | | Freq. (MHz) | CH | Peak-to-Average Ratio | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 1850.7 | 18607 | 6.22 | 13 | 1851.5 | 18615 | 6.05 | 13 |
| 1880.0 | 18900 | 6.11 | 13 | 1880.0 | 18900 | 6.04 | 13 |
| 1909.3 | 19193 | 5.96 | 13 | 1908.5 | 19185 | 5.92 | 13 |

| LTE BAND 2 | | | | | | | |
|-------------------------|-------|-----------------------|-------|--------------------------|-------|-----------------------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio | | Freq. (MHz) | CH | Peak-to-Average Ratio | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 1852.5 | 18625 | 6.05 | 13 | 1855.0 | 18650 | 5.94 | 13 |
| 1880.0 | 18900 | 6.06 | 13 | 1880.0 | 18900 | 6.05 | 13 |
| 1907.5 | 19175 | 5.97 | 13 | 1905.0 | 19150 | 5.99 | 13 |

| LTE BAND 2 | | | | | | | |
|--------------------------|-------|-----------------------|-------|--------------------------|-------|-----------------------|-------|
| Channel bandwidth: 15MHz | | | | Channel bandwidth: 20MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio | | Freq. (MHz) | CH | Peak-to-Average Ratio | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 1857.5 | 18675 | 6.60 | 13 | 1860.0 | 18700 | 7.06 | 13 |
| 1880.0 | 18900 | 6.60 | 13 | 1880.0 | 18900 | 6.86 | 13 |
| 1902.5 | 19125 | 6.62 | 13 | 1900.0 | 19100 | 6.96 | 13 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

Member of SGS Group

| LTE BAND 4 | | | | | | | |
|---------------------------|-------|-----------------------|-------|-------------------------|-------|-----------------------|-------|
| Channel bandwidth: 1.4MHz | | | | Channel bandwidth: 3MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio | | Freq. (MHz) | CH | Peak-to-Average Ratio | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 1710.7 | 19957 | 6.12 | 13 | 1711.5 | 19965 | 6.04 | 13 |
| 1732.5 | 20175 | 6.02 | 13 | 1732.5 | 20175 | 6.04 | 13 |
| 1754.3 | 20393 | 5.97 | 13 | 1753.5 | 20385 | 5.91 | 13 |

| LTE BAND 4 | | | | | | | |
|-------------------------|-------|-----------------------|-------|--------------------------|-------|-----------------------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio | | Freq. (MHz) | CH | Peak-to-Average Ratio | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 1712.5 | 19957 | 5.96 | 13 | 1715.0 | 20000 | 5.93 | 13 |
| 1732.5 | 20175 | 6.00 | 13 | 1732.5 | 20175 | 6.07 | 13 |
| 1752.5 | 20375 | 5.86 | 13 | 1750.0 | 20350 | 5.96 | 13 |

| LTE BAND 4 | | | | | | | |
|--------------------------|-------|-----------------------|-------|--------------------------|-------|-----------------------|-------|
| Channel bandwidth: 15MHz | | | | Channel bandwidth: 20MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio | | Freq. (MHz) | CH | Peak-to-Average Ratio | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 1717.5 | 20025 | 6.06 | 13 | 1720.0 | 20050 | 6.64 | 13 |
| 1732.5 | 20175 | 6.20 | 13 | 1732.5 | 20175 | 6.76 | 13 |
| 1747.5 | 20325 | 6.11 | 13 | 1745.0 | 20300 | 6.64 | 13 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

Member of SGS Group

| LTE BAND 5 | | | | | | | |
|---------------------------|-------|----------------------------|-------|-------------------------|-------|----------------------------|-------|
| Channel bandwidth: 1.4MHz | | | | Channel bandwidth: 3MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 824.7 | 20407 | 6.14 | 13 | 825.5 | 20415 | 6.01 | 13 |
| 836.5 | 20525 | 6.18 | 13 | 836.5 | 20525 | 6.08 | 13 |
| 848.3 | 20643 | 6.09 | 13 | 847.5 | 20635 | 6.01 | 13 |

| LTE BAND 5 | | | | | | | |
|-------------------------|-------|----------------------------|-------|--------------------------|-------|----------------------------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 826.5 | 20425 | 6.05 | 13 | 829.0 | 20450 | 6.04 | 13 |
| 836.5 | 20525 | 6.05 | 13 | 836.5 | 20525 | 6.04 | 13 |
| 846.5 | 20625 | 5.97 | 13 | 844.0 | 20600 | 6.03 | 13 |

| LTE BAND 7 | | | | | | | |
|-------------------------|-------|----------------------------|-------|--------------------------|-------|----------------------------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 2502.5 | 20775 | 6.02 | 13 | 2505.0 | 20800 | 6.09 | 13 |
| 2535.0 | 21100 | 4.98 | 13 | 2535.0 | 21100 | 5.71 | 13 |
| 2567.5 | 21375 | 5.98 | 13 | 2565.0 | 21350 | 6.06 | 13 |

| LTE BAND 7 | | | | | | | |
|--------------------------|-------|----------------------------|-------|--------------------------|-------|----------------------------|-------|
| Channel bandwidth: 15MHz | | | | Channel bandwidth: 20MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 2507.5 | 20825 | 6.11 | 13 | 2510 | 20850 | 6.62 | 13 |
| 2535 | 21100 | 6.09 | 13 | 2535 | 21100 | 6.67 | 13 |
| 2562.5 | 21375 | 6.15 | 13 | 2560 | 21350 | 6.71 | 13 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

| LTE BAND 12 | | | | | | | |
|---------------------------|-------|----------------------------|-------|-------------------------|-------|----------------------------|-------|
| Channel bandwidth: 1.4MHz | | | | Channel bandwidth: 3MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 699.7 | 23017 | 5.77 | 13 | 700.5 | 23025 | 5.92 | 13 |
| 707.5 | 23095 | 6.20 | 13 | 707.5 | 23095 | 6.05 | 13 |
| 715.3 | 23173 | 6.11 | 13 | 714.5 | 23165 | 6.07 | 13 |

| LTE BAND 12 | | | | | | | |
|-------------------------|-------|----------------------------|-------|--------------------------|-------|----------------------------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 701.5 | 23035 | 6.07 | 13 | 704.0 | 23060 | 6.03 | 13 |
| 707.5 | 23095 | 6.00 | 13 | 707.5 | 23095 | 5.97 | 13 |
| 713.5 | 23155 | 5.93 | 13 | 711.0 | 23130 | 6.11 | 13 |

| LTE BAND 17 | | | | | | | |
|-------------------------|-------|----------------------------|-------|--------------------------|-------|----------------------------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 706.5 | 23755 | 5.78 | 13 | 709 | 23780 | 5.50 | 13 |
| 710 | 23790 | 5.13 | 13 | 710 | 23790 | 5.47 | 13 |
| 713.5 | 23825 | 5.21 | 13 | 711 | 23780 | 5.52 | 13 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

Member of SGS Group

| LTE BAND 25 | | | | | | | |
|---------------------------|-------|-------------------------------|-------|-------------------------|-------|-------------------------------|-------|
| Channel bandwidth: 1.4MHz | | | | Channel bandwidth: 3MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | LIMIT | | | 64QAM | LIMIT |
| 1850.7 | 26047 | 6.02 | 13 | 1851.5 | 26055 | 6.05 | 13 |
| 1882.5 | 26365 | 6.09 | 13 | 1882.5 | 26365 | 6.02 | 13 |
| 1914.3 | 26683 | 6.03 | 13 | 1913.5 | 26675 | 6.06 | 13 |

| LTE BAND 25 | | | | | | | |
|-------------------------|-------|-------------------------------|-------|--------------------------|-------|-------------------------------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | LIMIT | | | 64QAM | LIMIT |
| 1852.5 | 26065 | 6.00 | 13 | 1855.0 | 26090 | 6.08 | 13 |
| 1882.5 | 26365 | 6.01 | 13 | 1882.5 | 26365 | 5.98 | 13 |
| 1912.5 | 26665 | 6.02 | 13 | 1910.0 | 26640 | 6.02 | 13 |

| LTE BAND 25 | | | | | | | |
|--------------------------|-------|-------------------------------|-------|--------------------------|-------|-------------------------------|-------|
| Channel bandwidth: 15MHz | | | | Channel bandwidth: 20MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | LIMIT | | | 64QAM | LIMIT |
| 1857.5 | 26115 | 6.13 | 13 | 1860.0 | 26140 | 6.82 | 13 |
| 1882.5 | 26365 | 6.12 | 13 | 1882.5 | 26365 | 6.53 | 13 |
| 1907.5 | 16615 | 6.08 | 13 | 1905.0 | 26590 | 6.41 | 13 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

Member of SGS Group

| LTE BAND 26 | | | | | | | |
|---------------------------|-------|-------------------------------|-------|-------------------------|-------|-------------------------------|-------|
| Channel bandwidth: 1.4MHz | | | | Channel bandwidth: 3MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | LIMIT | | | 64QAM | LIMIT |
| 814.7 | 26697 | 5.89 | 13 | 815.5 | 26705 | 6.08 | 13 |
| 831.5 | 26865 | 6.10 | 13 | 831.5 | 26865 | 6.09 | 13 |
| 848.3 | 27033 | 5.68 | 13 | 847.5 | 27025 | 5.81 | 13 |

| LTE BAND 26 | | | | | | | |
|-------------------------|-------|-------------------------------|-------|--------------------------|-------|-------------------------------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | LIMIT | | | 64QAM | LIMIT |
| 816.5 | 26715 | 6.00 | 13 | 820.0 | 26750 | 5.90 | 13 |
| 831.5 | 26865 | 6.06 | 13 | 831.5 | 26865 | 6.03 | 13 |
| 846.5 | 27015 | 5.76 | 13 | 844.0 | 26990 | 5.77 | 13 |

| LTE BAND 26 | | | |
|--------------------------|-------|-------------------------------|-------|
| Channel bandwidth: 15MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | LIMIT |
| 822.5 | 26825 | 6.32 | 13 |
| 831.5 | 26865 | 6.50 | 13 |
| 841.5 | 26965 | 6.32 | 13 |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

Member of SGS Group

| LTE BAND 26 for part 90S | | | | | | | |
|---------------------------|-------|----------------------------|-------|-------------------------|-------|----------------------------|-------|
| Channel bandwidth: 1.4MHz | | | | Channel bandwidth: 3MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 814.7 | 26697 | 6.64 | 13 | 815.5 | 26705 | 6.48 | 13 |
| 819 | 26740 | 6.49 | 13 | 819 | 26740 | 6.41 | 13 |
| 823.3 | 26783 | 6.50 | 13 | 822.5 | 26775 | 6.37 | 13 |

| LTE BAND 26 for part 90S | | | | | | | |
|--------------------------|-------|----------------------------|-------|--------------------------|-------|----------------------------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 816.5 | 26715 | 6.54 | 13 | 819.0 | 26740 | 6.43 | 13 |
| 819 | 26740 | 6.50 | 13 | | | | |
| 821.5 | 26765 | 6.52 | 13 | | | | |

| LTE BAND 30 | | | | | | | |
|-------------------------|-------|----------------------------|-------|--------------------------|-------|----------------------------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 2307.5 | 27685 | 6.43 | 13 | 2310.0 | 27710 | 6.50 | 13 |
| 2310.0 | 27710 | 6.47 | 13 | | | | |
| 2312.5 | 27735 | 6.46 | 13 | | | | |

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

Member of SGS Group

| LTE BAND 38 | | | | | | | |
|-------------------------|-------|----------------------------|-------|--------------------------|-------|----------------------------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 2572.5 | 37775 | 10.52 | 13 | 2575 | 37800 | 9.79 | 13 |
| 2595 | 38000 | 10.61 | 13 | 2595 | 38000 | 9.09 | 13 |
| 2617.5 | 38225 | 7.98 | 13 | 2615 | 38200 | 8.04 | 13 |

| LTE BAND 38 | | | | | | | |
|--------------------------|-------|----------------------------|-------|--------------------------|-------|----------------------------|-------|
| Channel bandwidth: 15MHz | | | | Channel bandwidth: 20MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 2498.5 | 39675 | 10.33 | 13 | 2501.0 | 39700 | 10.56 | 13 |
| 2593.0 | 40620 | 9.53 | 13 | 2593.0 | 40620 | 10.15 | 13 |
| 2687.5 | 41565 | 9.12 | 13 | 2685.0 | 41540 | 9.96 | 13 |

| LTE BAND 41 | | | | | | | |
|-------------------------|-------|----------------------------|-------|--------------------------|-------|----------------------------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 2498.5 | 39675 | 10.33 | 13 | 2501.0 | 39700 | 10.56 | 13 |
| 2593.0 | 40620 | 9.53 | 13 | 2593.0 | 40620 | 10.15 | 13 |
| 2687.5 | 41565 | 9.12 | 13 | 2685.0 | 41540 | 9.96 | 13 |

| LTE BAND 41 | | | | | | | |
|--------------------------|-------|----------------------------|-------|--------------------------|-------|----------------------------|-------|
| Channel bandwidth: 15MHz | | | | Channel bandwidth: 20MHz | | | |
| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | |
| | | 64QAM | Limit | | | 64QAM | Limit |
| 2503.5 | 39725 | 9.90 | 13 | 2506.0 | 39750 | 8.99 | 13 |
| 2593.0 | 40620 | 10.31 | 13 | 2593.0 | 40620 | 8.76 | 13 |
| 2682.5 | 41515 | 9.78 | 13 | 2680.0 | 41490 | 9.91 | 13 |

Measurement Results:

Please refer to next page.

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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,WuKungRoad,NewTaipeiIndustrialPark,WukuDistrict,NewTaipeiCity,Taiwan24803/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.tw.sgs.com

Member of SGS Group

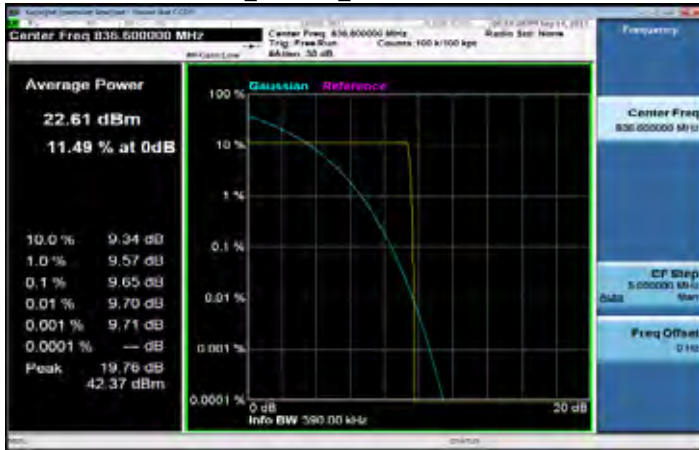
GSM_850MHz_LowCH128-824.2



GPRS_850MHz_LowCH128-824.2



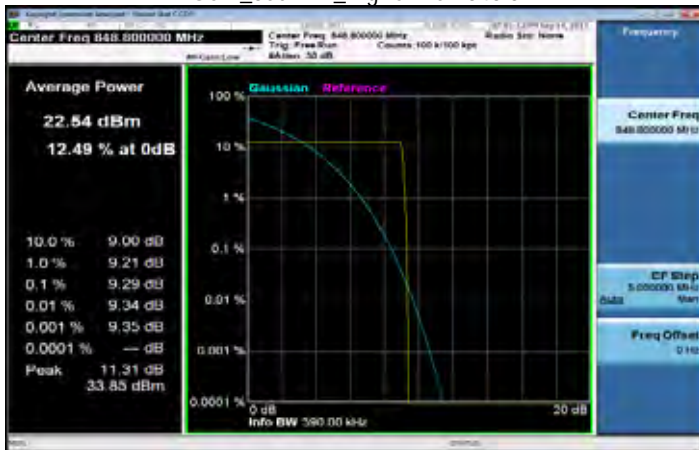
GSM_850MHz_MidCH190-836.6



GPRS_850MHz_MidCH190-836.6



GSM_850MHz_HighCH251-848.8



GPRS_850MHz_HighCH251-848.8



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

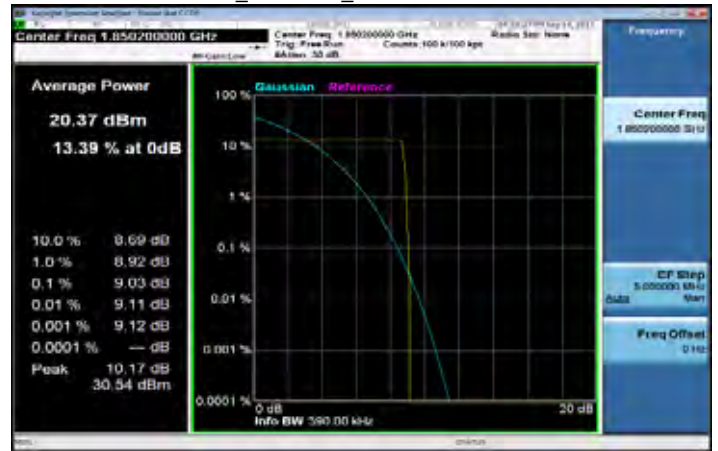
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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

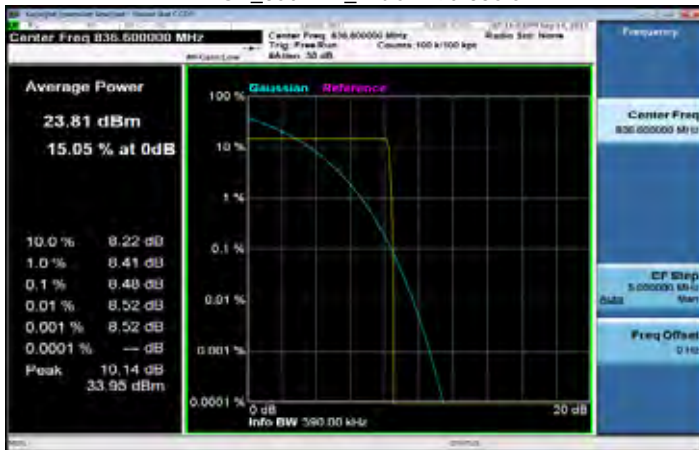
EDGE_850MHz_LowCH128-824.2



GSM_1900MHz_LowCH512-1850.2



EDGE_850MHz_MidCH190-836.6



GSM_1900MHz_MidCH661-1880



EDGE_850MHz_HighCH251-848.8



GSM_1900MHz_HighCH810-1909.8



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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/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

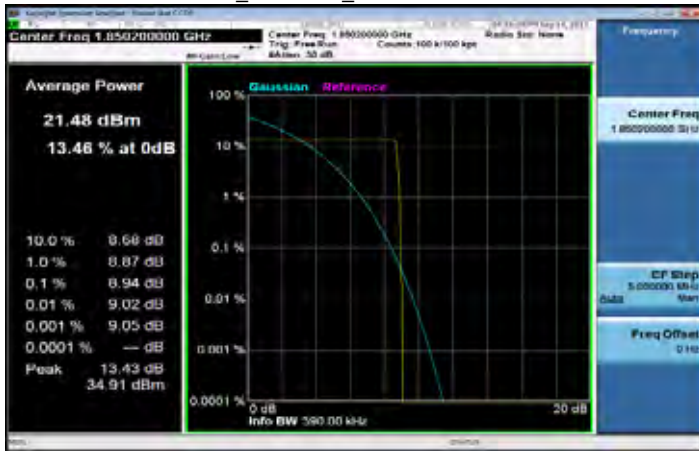
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

GPRS_1900MHz_LowCH512-1850.2



EDGE_1900MHz_LowCH512-1850.2



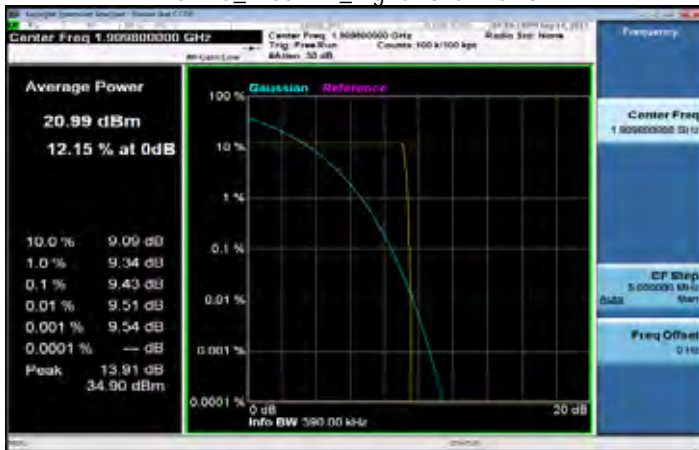
GPRS_1900MHz_MidCH661-1880



EDGE_1900MHz_MidCH661-1880



GPRS_1900MHz_HighCH810-1909.8



EDGE_1900MHz_HighCH810-1909.8



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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/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

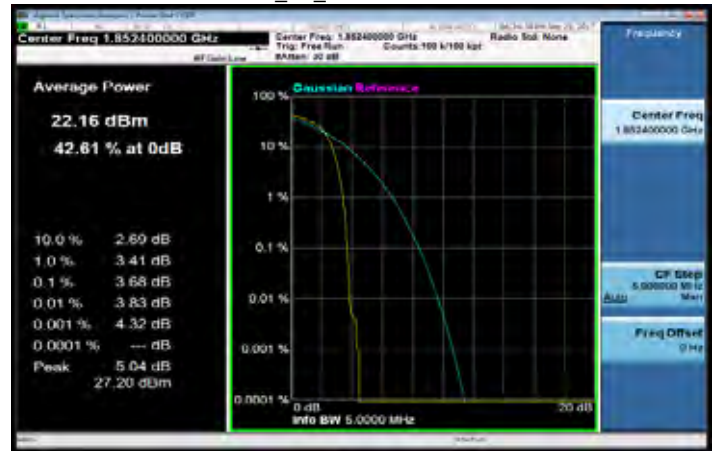
www.tw.sgs.com

Member of SGS Group

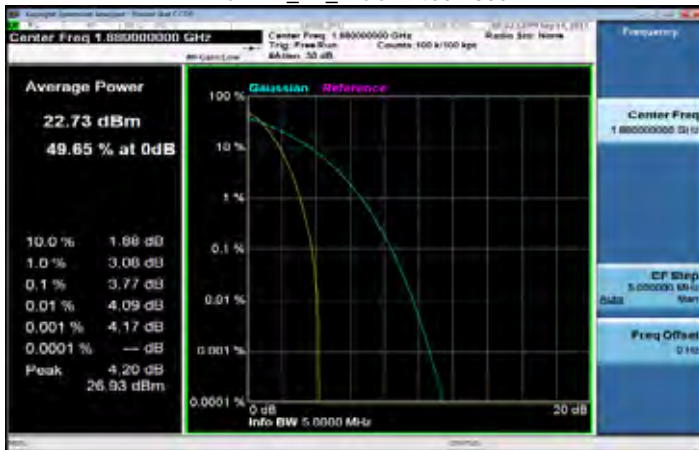
WCDMA_B2_LowCH9262-1852.4



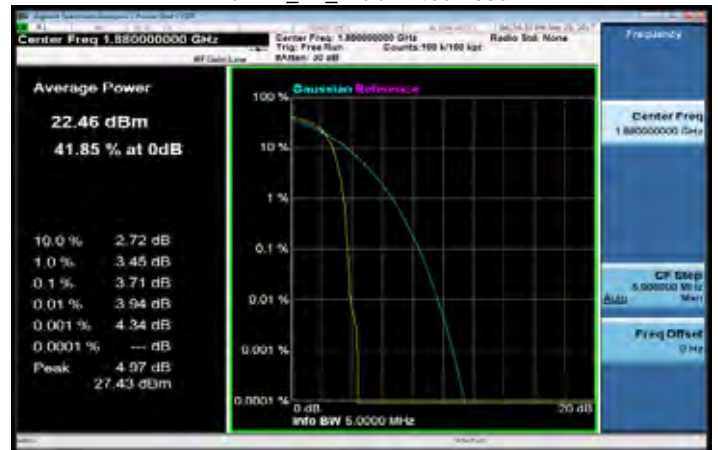
HSDPA_B2_LowCH9262-1852.4



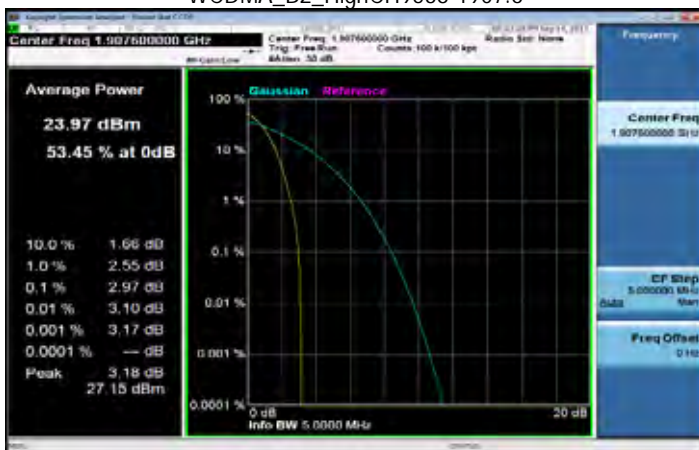
WCDMA_B2_MidCH9400-1880



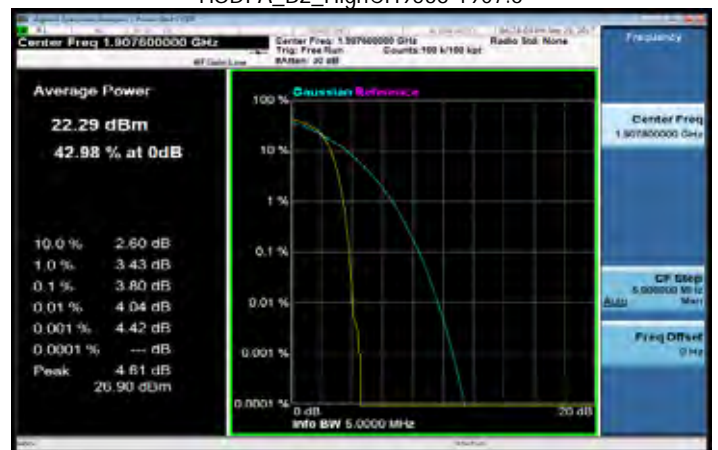
HSDPA_B2_MidCH9400-1880



WCDMA_B2_HighCH9538-1907.6



HSDPA_B2_HighCH9538-1907.6



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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/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

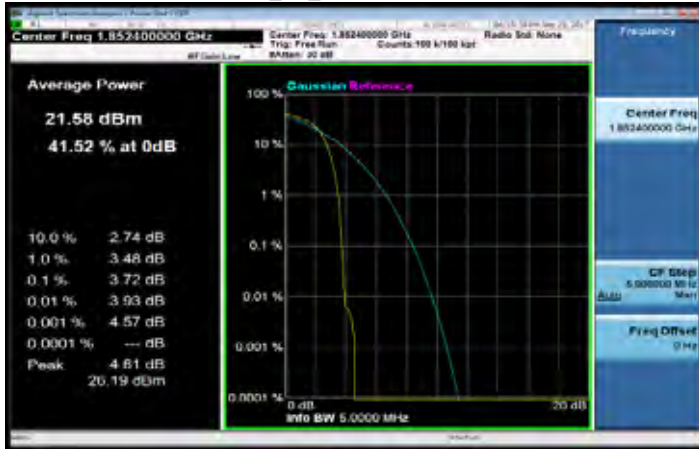
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

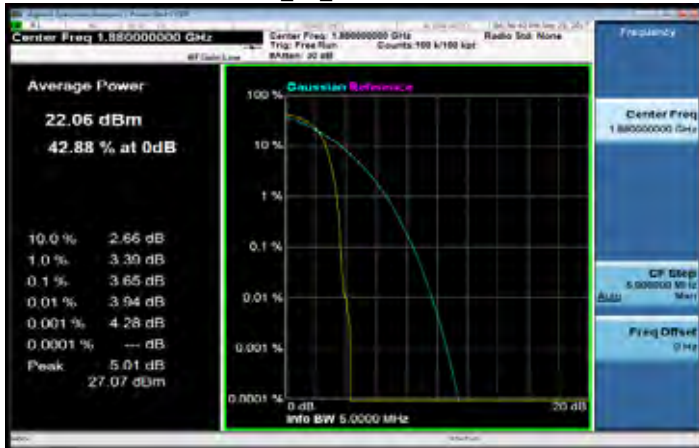
HSUPA_B2_LowCH9262-1852.4



WCDMA_B4_LowCH1312-1712.4



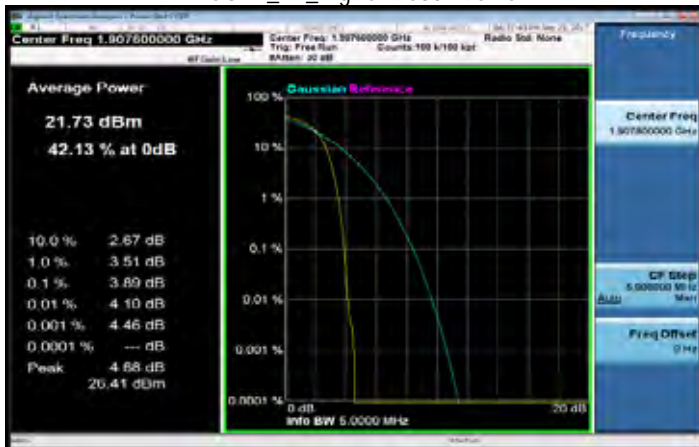
HSUPA_B2_MidCH9400-1880



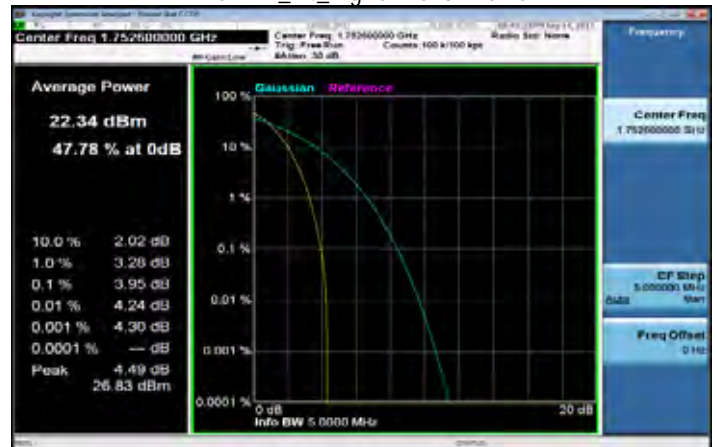
WCDMA_B4_MidCH1413-1732.6



HSUPA_B2_HighCH9538-1907.6



WCDMA_B4_HighCH1513-1752.6



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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/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

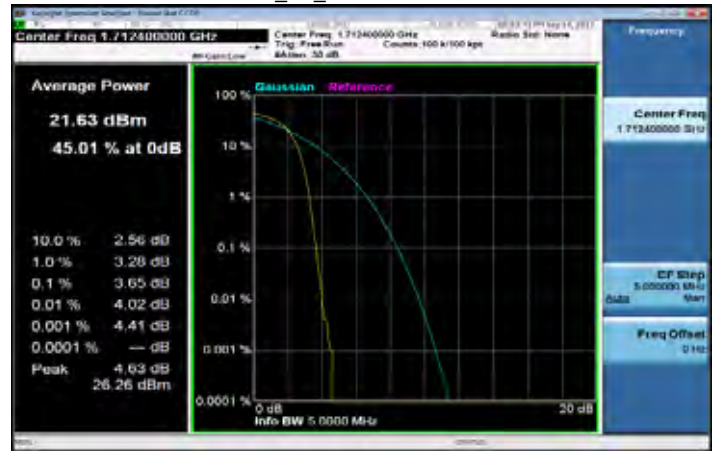
www.tw.sgs.com

Member of SGS Group

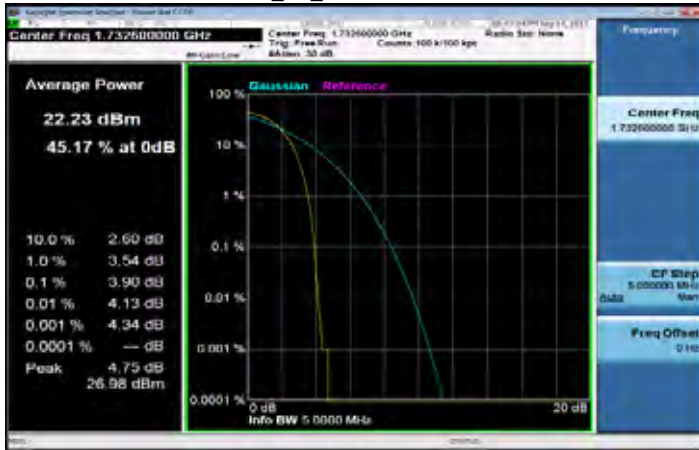
HSDPA_B4_LowCH1312-1712.4



HSUPA_B4_LowCH1312-1712.4



HSDPA_B4_MidCH1413-1732.6



HSUPA_B4_MidCH1413-1732.6



HSDPA_B4_HighCH1513-1752.6



HSUPA_B4_HighCH1513-1752.6

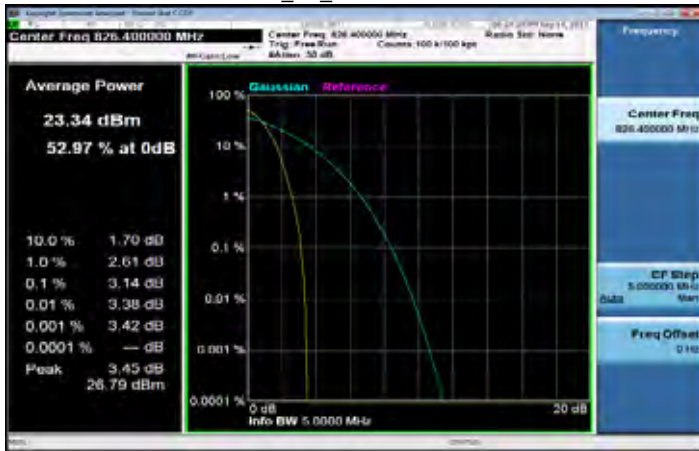


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

WCDMA_B5_LowCH4132-826.4



HSDPA_B5_LowCH4132-826.4



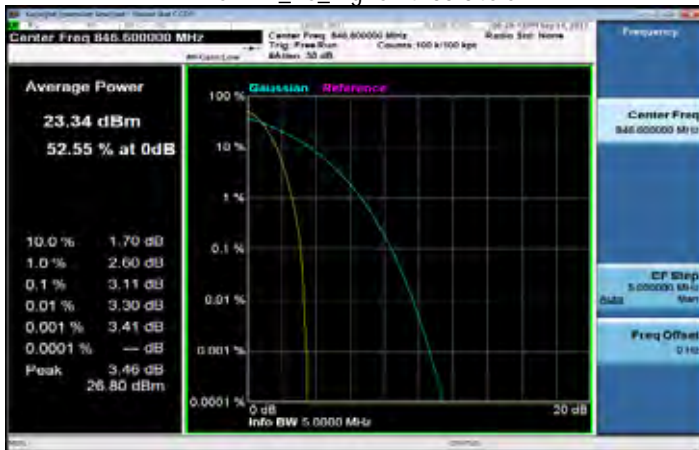
WCDMA_B5_MidCH4183-836.6



HSDPA_B5_MidCH4183-836.6



WCDMA_B5_HighCH4233-846.6



HSDPA_B5_HighCH4233-846.6



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.

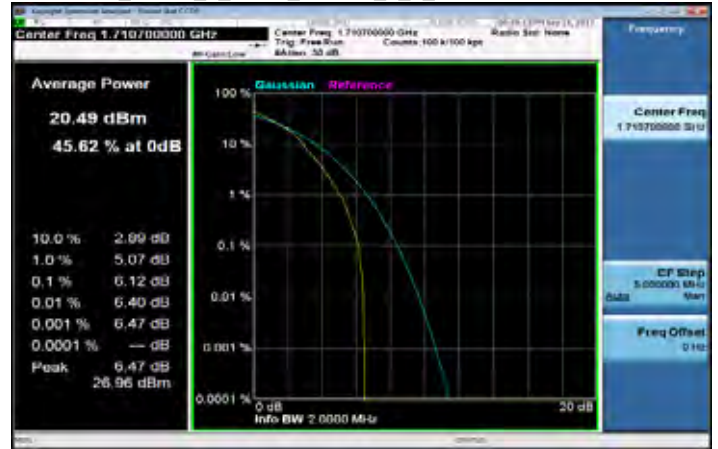
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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

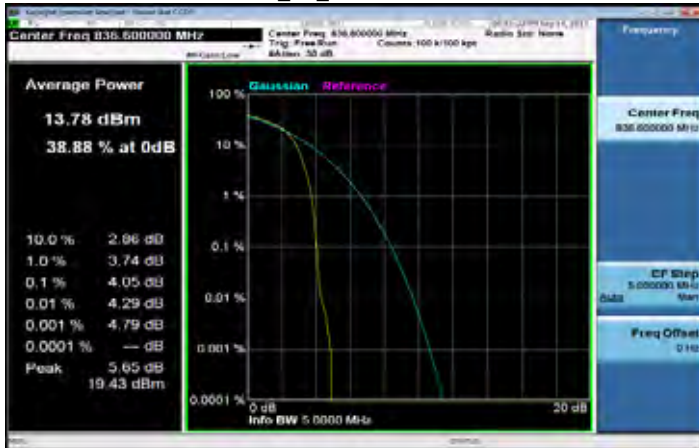
HSUPA_B5_LowCH4132-826.4



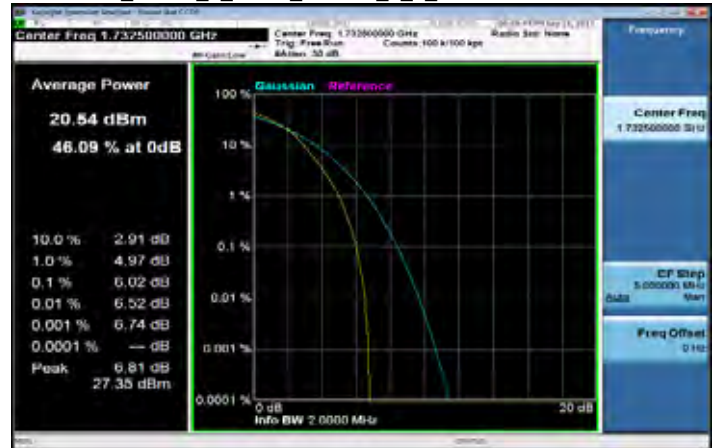
LTE_Band4_1_4MHz_64QAM_6_0_LowCH19957-1710.7



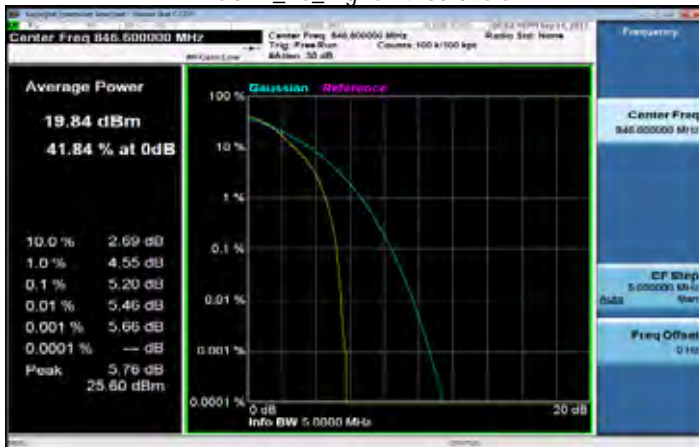
HSUPA_B5_MidCH4183-836.6



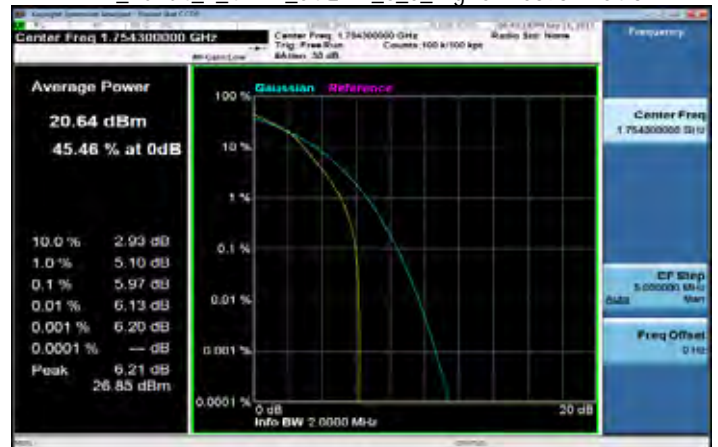
LTE_Band4_1_4MHz_64QAM_6_0_MidCH20175-1732.5



HSUPA_B5_HighCH4233-846.6



LTE_Band4_1_4MHz_64QAM_6_0_HighCH20393-1754.3



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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/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

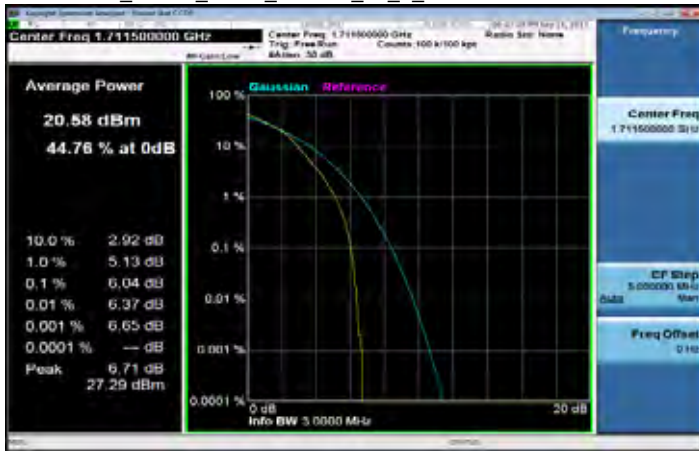
t (886-2) 2299-3279

f (886-2) 2298-0488

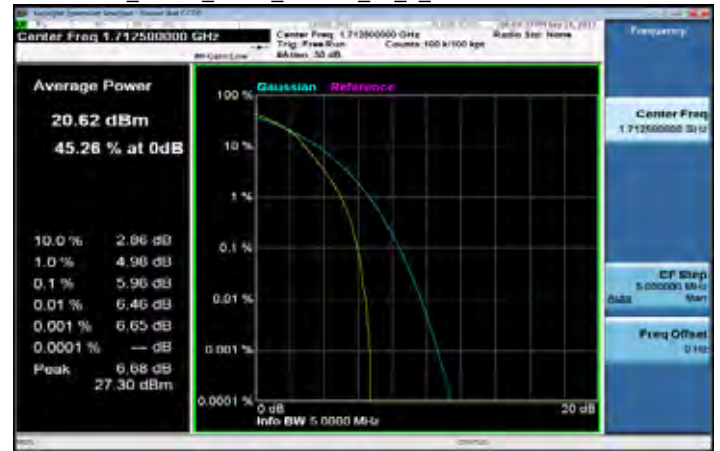
www.tw.sgs.com

Member of SGS Group

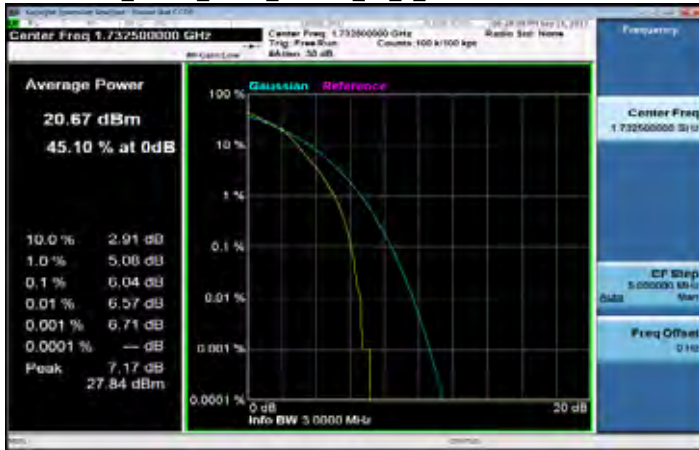
LTE_Band4_3MHz_64QAM_15_0_LowCH19965-1711.5



LTE_Band4_5MHz_64QAM_25_0_LowCH19975-1712.5



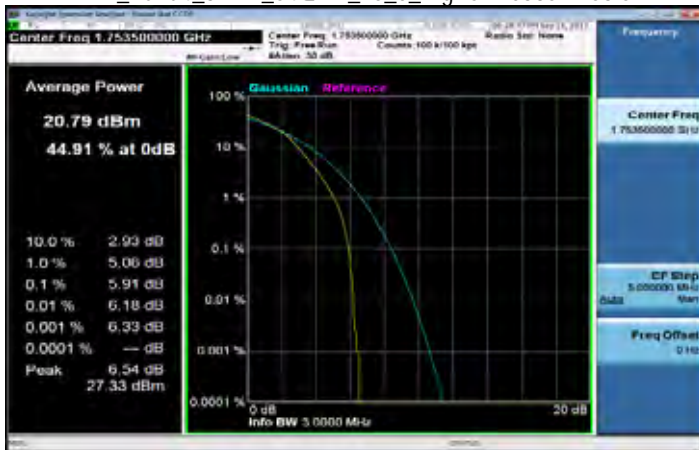
LTE_Band4_3MHz_64QAM_15_0_MidCH20175-1732.5



LTE_Band4_5MHz_64QAM_25_0_MidCH20175-1732.5



LTE_Band4_3MHz_64QAM_15_0_HighCH20385-1753.5



LTE_Band4_5MHz_64QAM_25_0_HighCH20375-1752.5



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

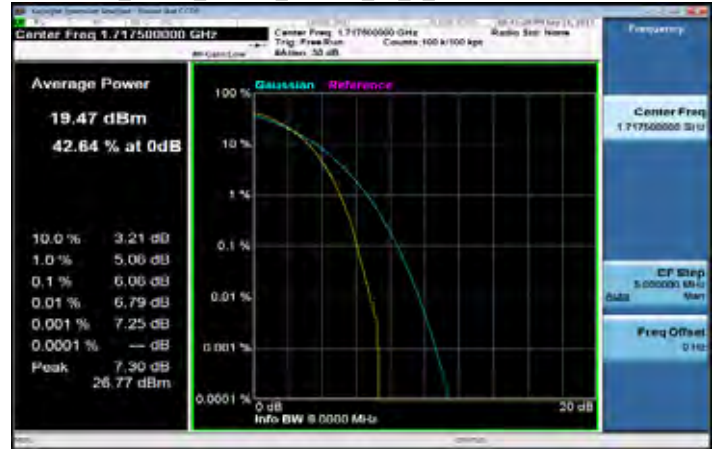
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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

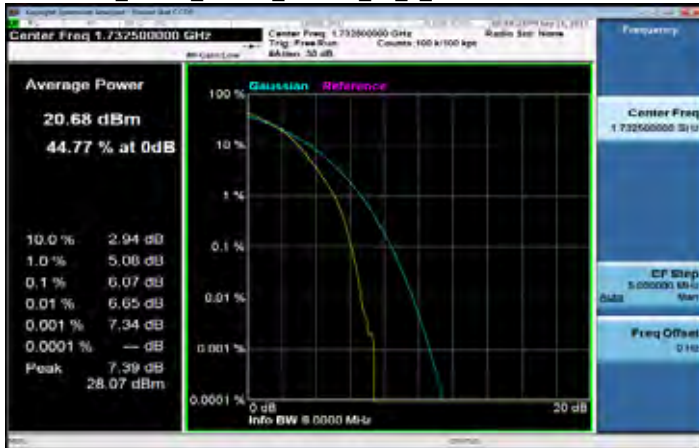
LTE_Band4_10MHz_64QAM_50_0_LowCH20000-1715



LTE_Band4_15MHz_64QAM_75_0_LowCH20025-1717.5



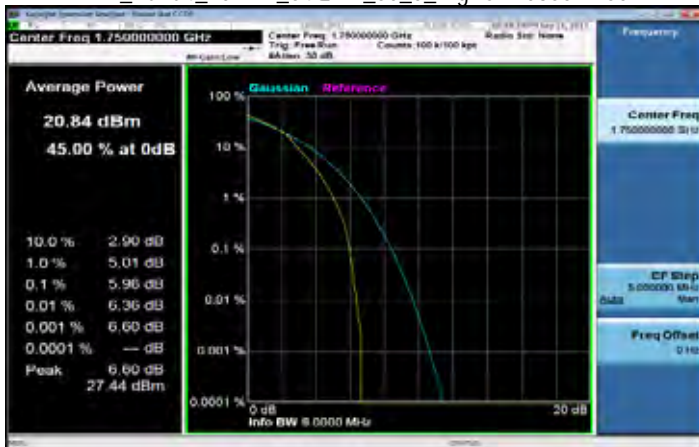
LTE_Band4_10MHz_64QAM_50_0_MidCH20175-1732.5



LTE_Band4_15MHz_64QAM_75_0_MidCH20175-1732.5



LTE_Band4_10MHz_64QAM_50_0_HighCH20350-1750



LTE_Band4_15MHz_64QAM_75_0_HighCH20325-1747.5



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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/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

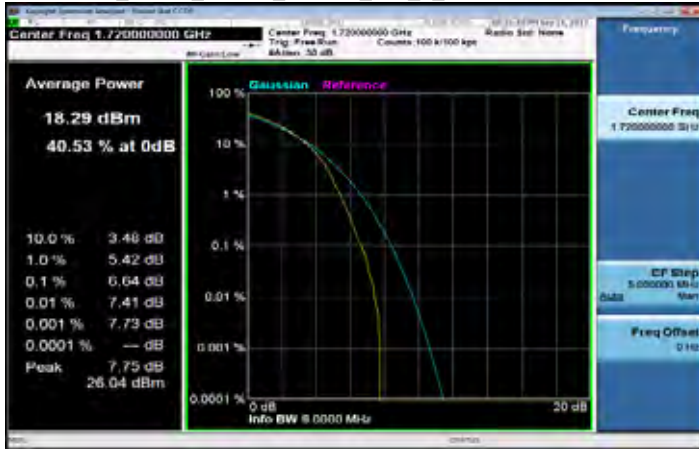
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

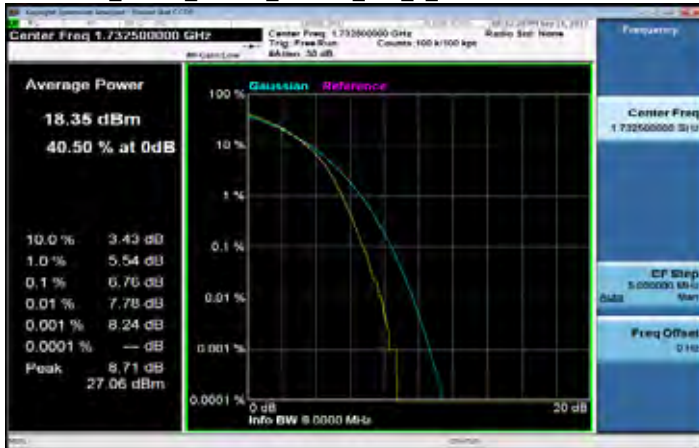
LTE_Band4_20MHz_64QAM_100_0_LowCH20050-1720



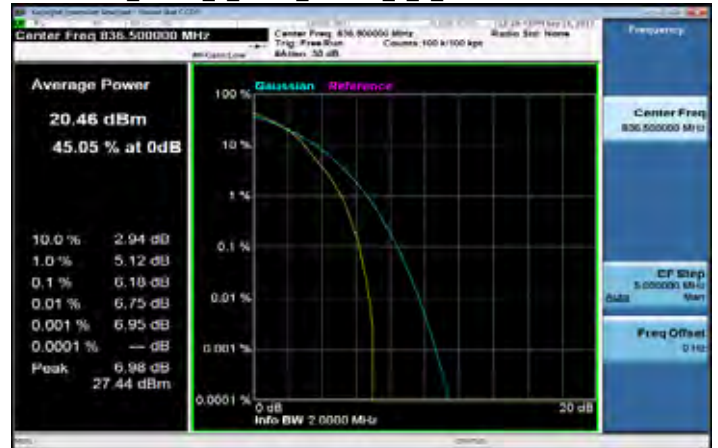
LTE_Band5_1_4MHz_64QAM_6_0_LowCH20407-824.7



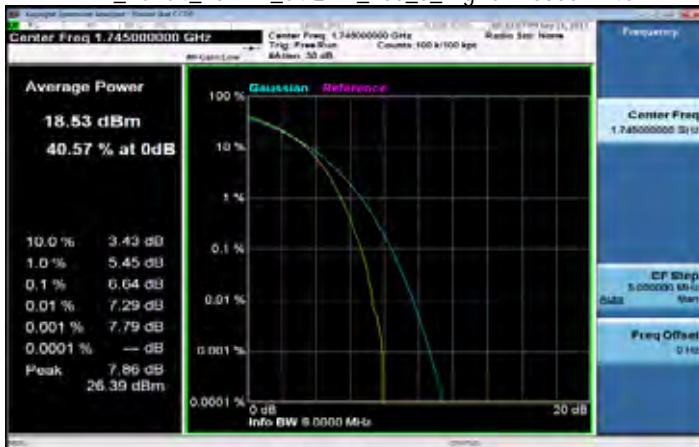
LTE_Band4_20MHz_64QAM_100_0_MidCH20175-1732.5



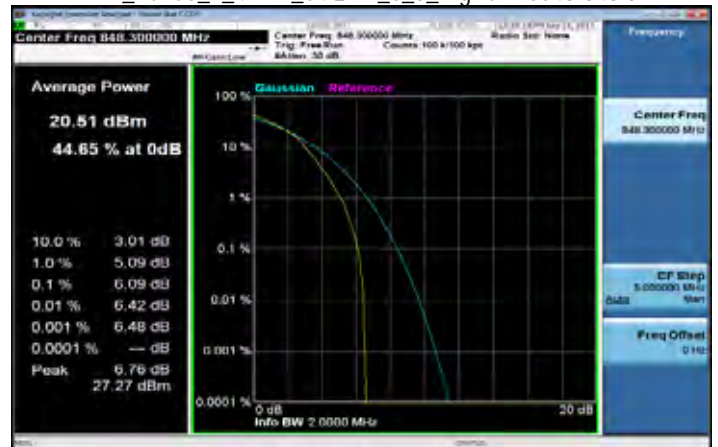
LTE_Band5_1_4MHz_64QAM_6_0_MidCH20525-836.5



LTE_Band4_20MHz_64QAM_100_0_HighCH20300-1745



LTE_Band5_1_4MHz_64QAM_6_0_HighCH20643-848.3



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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/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

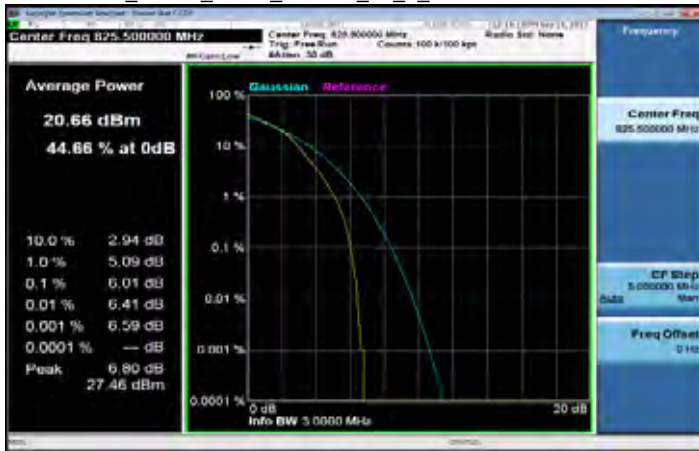
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

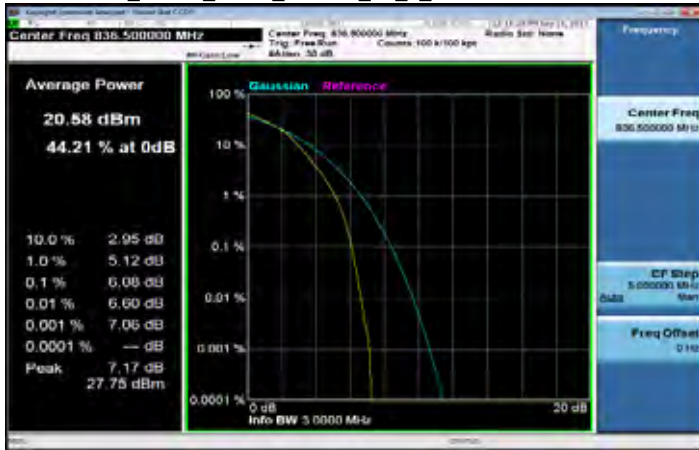
LTE_Band5_3MHz_64QAM_15_0_LowCH20415-825.5



LTE_Band5_5MHz_64QAM_25_0_LowCH20425-826.5



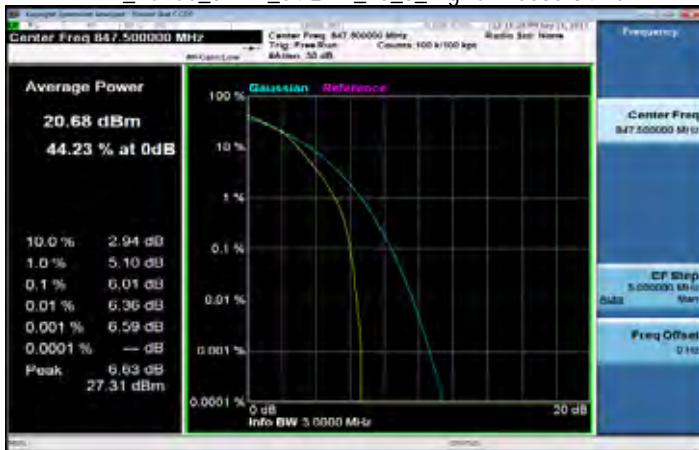
LTE_Band5_3MHz_64QAM_15_0_MidCH20525-836.5



LTE_Band5_5MHz_64QAM_25_0_MidCH20525-836.5



LTE_Band5_3MHz_64QAM_15_0_HighCH20635-847.5



LTE_Band5_5MHz_64QAM_25_0_HighCH20625-846.5



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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/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

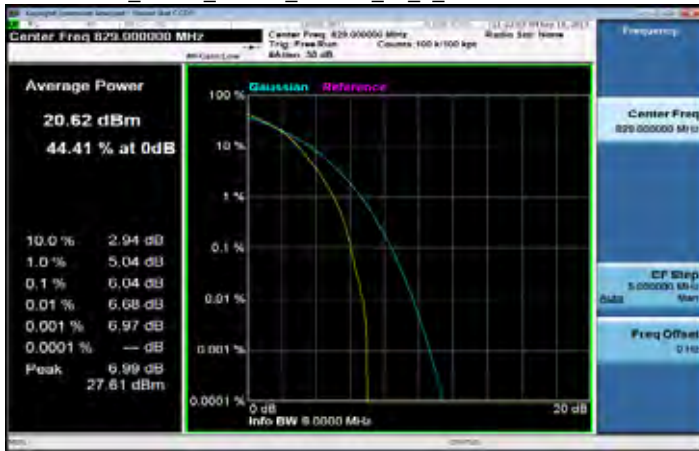
t (886-2) 2299-3279

f (886-2) 2298-0488

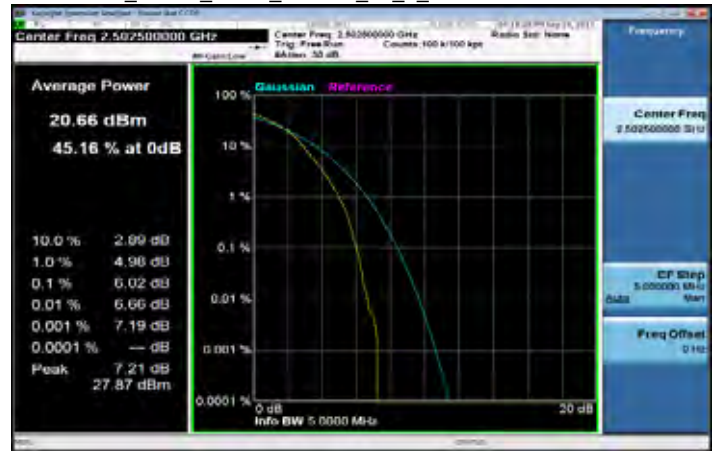
www.tw.sgs.com

Member of SGS Group

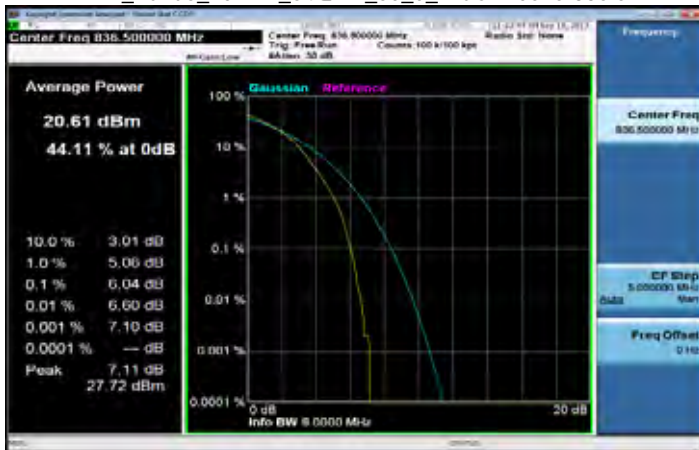
LTE_Band5_10MHz_64QAM_50_0_LowCH20450-829



LTE_Band7_5MHz_64QAM_25_0_LowCH20775-2502.5



LTE_Band5_10MHz_64QAM_50_0_MidCH20525-836.5



LTE_Band7_5MHz_64QAM_25_0_MidCH21100-2535



LTE_Band5_10MHz_64QAM_50_0_HighCH20600-844



LTE_Band7_5MHz_64QAM_25_0_HighCH21425-2567.5



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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/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

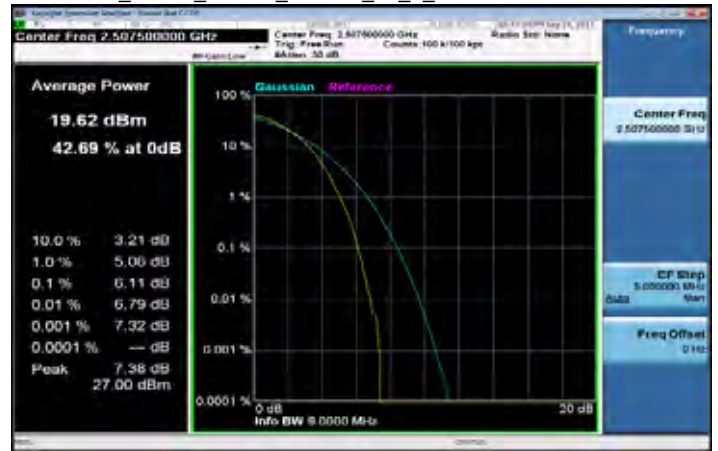
www.tw.sgs.com

Member of SGS Group

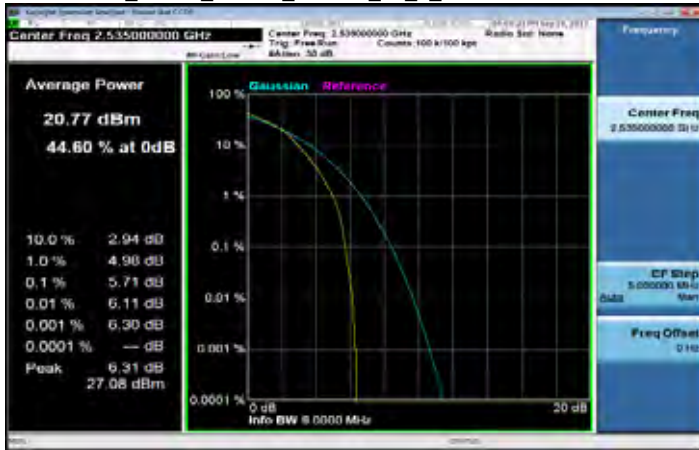
LTE_Band7_10MHz_64QAM_50_0_LowCH20800-2505



LTE_Band7_15MHz_64QAM_75_0_LowCH20825-2507.5



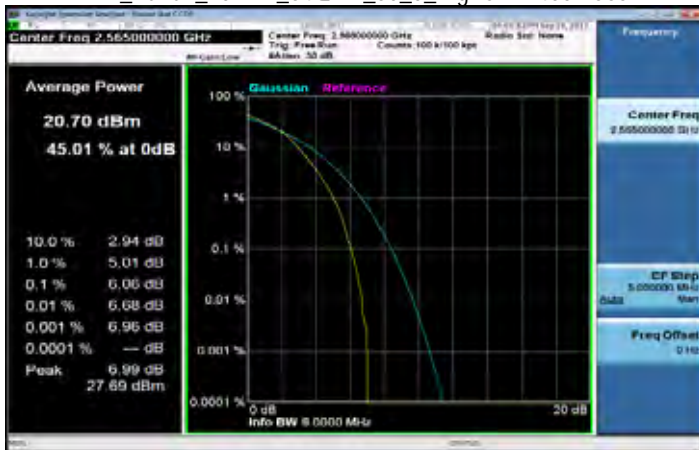
LTE_Band7_10MHz_64QAM_50_0_MidCH21100-2535



LTE_Band7_15MHz_64QAM_75_0_MidCH21100-2535



LTE_Band7_10MHz_64QAM_50_0_HighCH21400-2565



LTE_Band7_15MHz_64QAM_75_0_HighCH21375-2562.5



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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/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

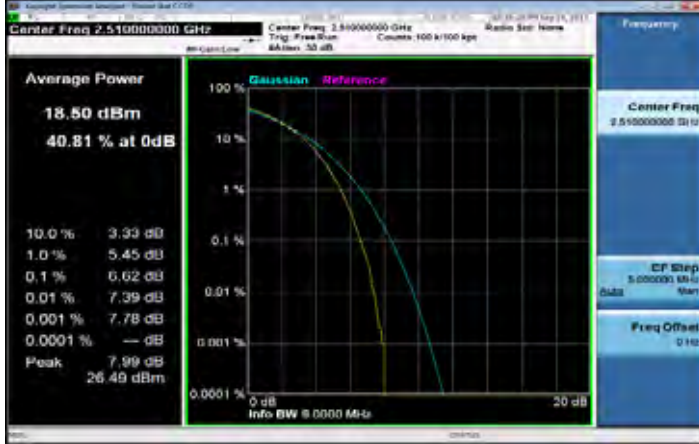
t (886-2) 2299-3279

f (886-2) 2298-0488

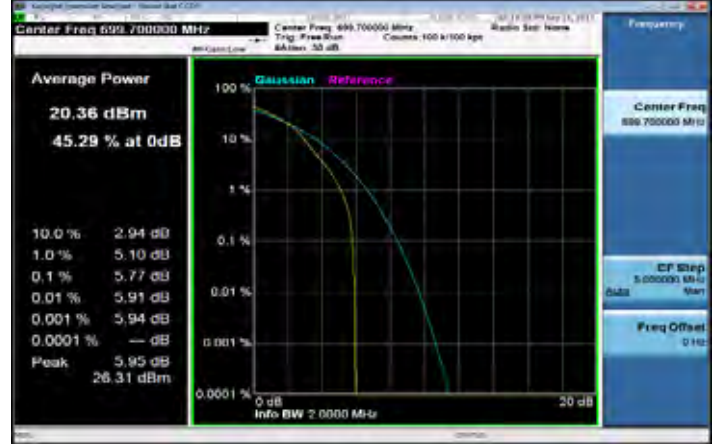
www.tw.sgs.com

Member of SGS Group

LTE_Band7_20MHz_64QAM_100_0_LowCH20850-2510



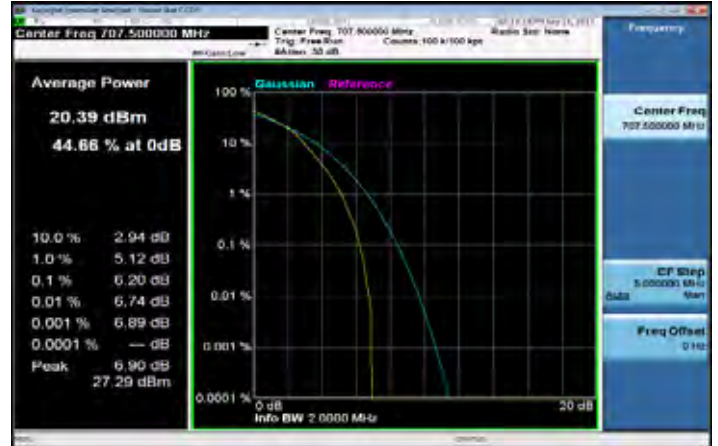
LTE_Band12_1_4MHz_64QAM_6_0_LowCH23017-699.7



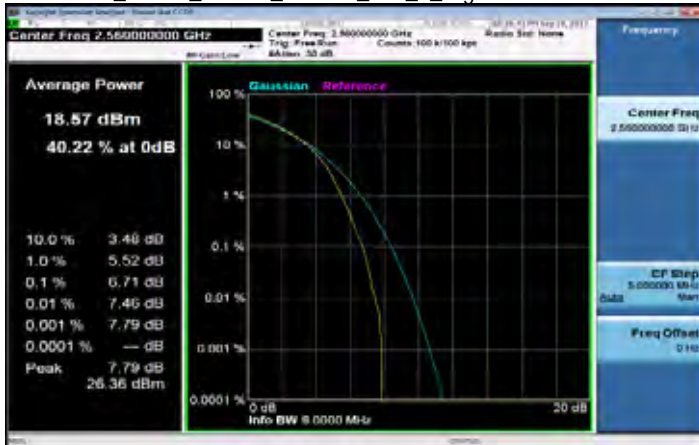
LTE_Band7_20MHz_64QAM_100_0_MidCH21100-2535



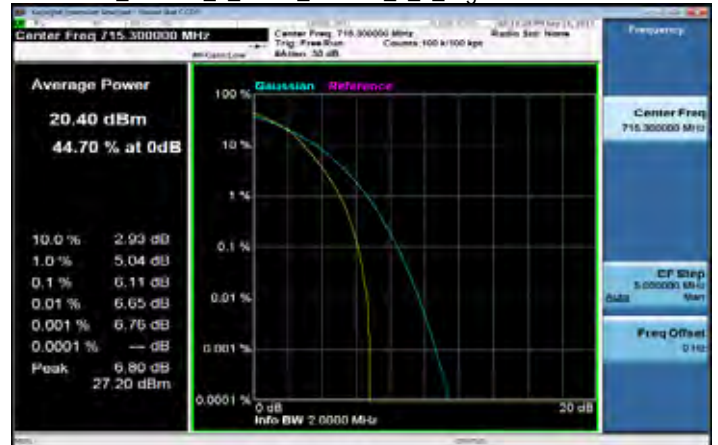
LTE_Band12_1_4MHz_64QAM_6_0_MidCH23095-707.5



LTE_Band7_20MHz_64QAM_100_0_HighCH21350-2560



LTE_Band12_1_4MHz_64QAM_6_0_HighCH23173-715.3



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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/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.tw.sgs.com

Member of SGS Group

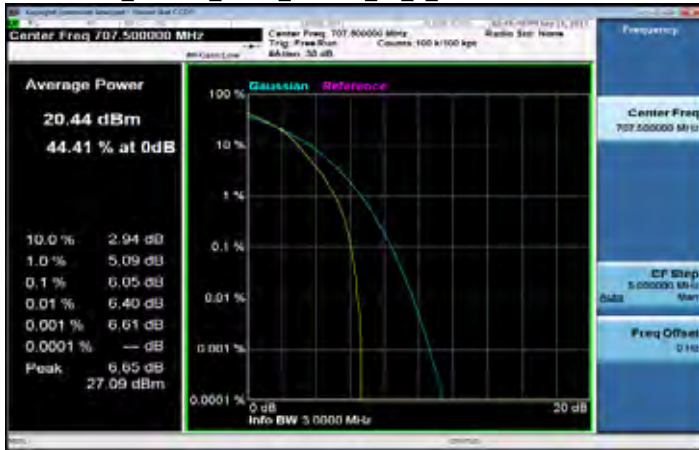
LTE_Band12_3MHz_64QAM_15_0_LowCH23025-700.5



LTE_Band12_5MHz_64QAM_25_0_LowCH23035-701.5



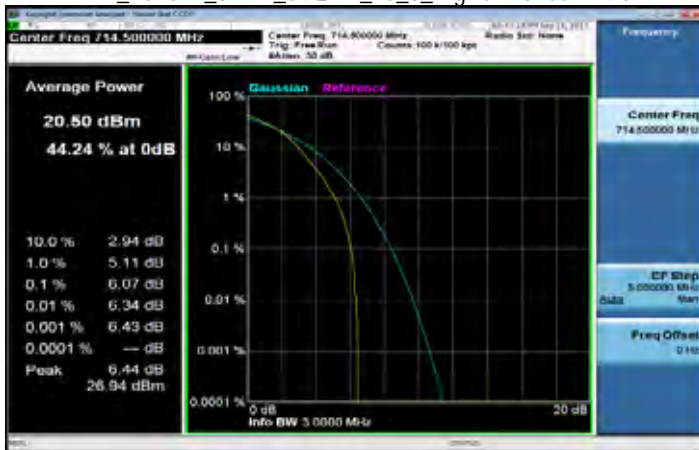
LTE_Band12_3MHz_64QAM_15_0_MidCH23095-707.5



LTE_Band12_5MHz_64QAM_25_0_MidCH23095-707.5



LTE_Band12_3MHz_64QAM_15_0_HighCH23165-714.5



LTE_Band12_5MHz_64QAM_25_0_HighCH23155-713.5



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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/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.tw.sgs.com

Member of SGS Group

LTE_Band12_10MHz_64QAM_50_0_LowCH23060-704



LTE_Band17_5MHz_64QAM_25_0_LowCH23755-706.5



LTE_Band12_10MHz_64QAM_50_0_MidCH23095-707.5



LTE_Band17_5MHz_64QAM_25_0_MidCH23790-710



LTE_Band12_10MHz_64QAM_50_0_HighCH23130-711



LTE_Band17_5MHz_64QAM_25_0_HighCH23825-713.5



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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/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

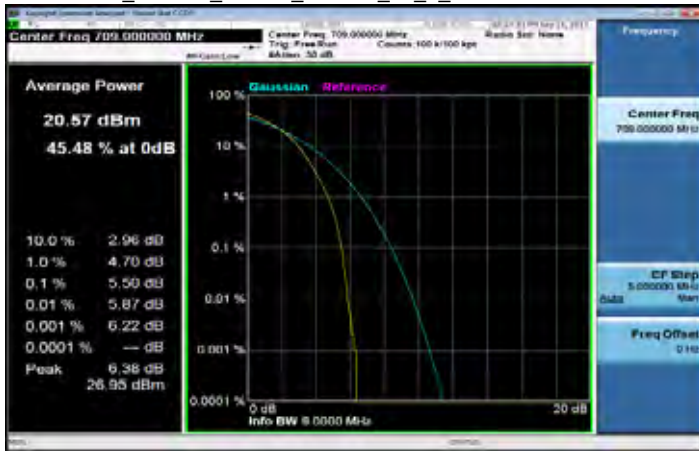
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

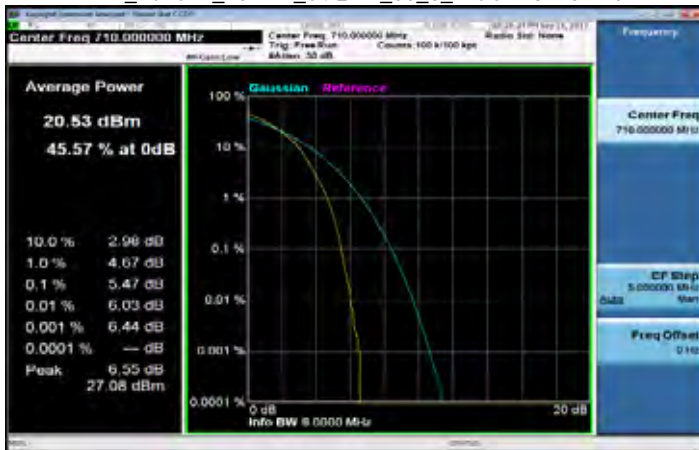
LTE_Band17_10MHz_64QAM_50_0_LowCH23780-709



LTE_Band25_1_4MHz_64QAM_6_0_LowCH26047-1850.7



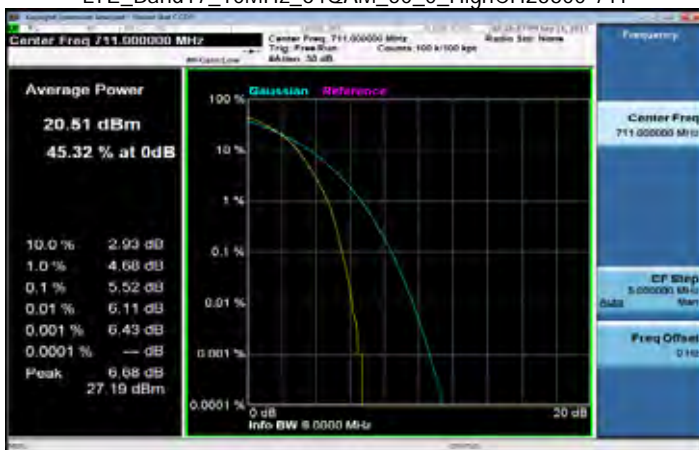
LTE_Band17_10MHz_64QAM_50_0_MidCH23790-710



LTE_Band25_1_4MHz_64QAM_6_0_MidCH26365-1882.5



LTE_Band17_10MHz_64QAM_50_0_HighCH23800-711



LTE_Band25_1_4MHz_64QAM_6_0_HighCH26683-1914.3



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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/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

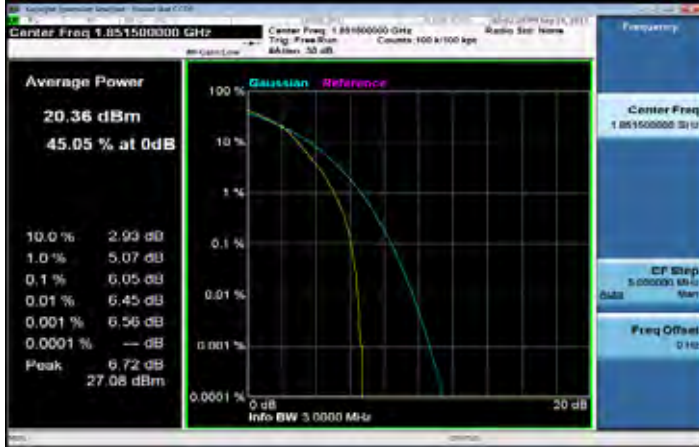
t (886-2) 2299-3279

f (886-2) 2298-0488

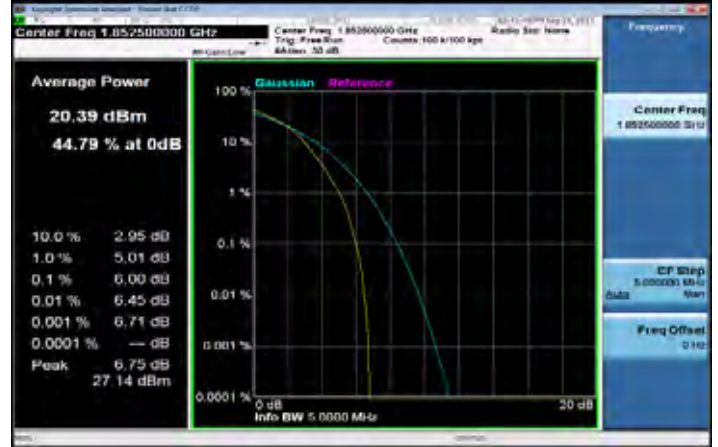
www.tw.sgs.com

Member of SGS Group

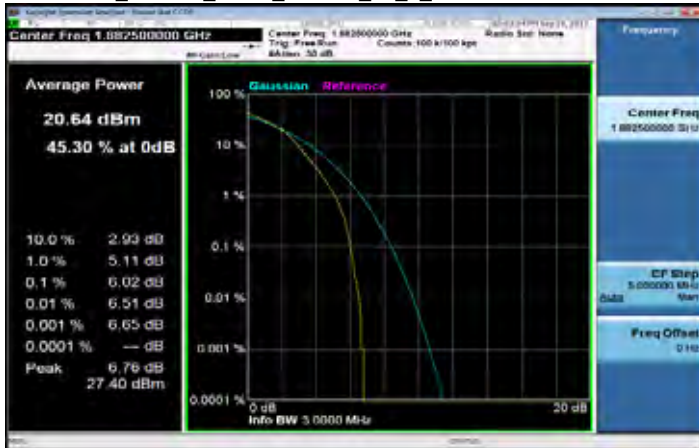
LTE_Band25_3MHz_64QAM_15_0_LowCH26055-1851.5



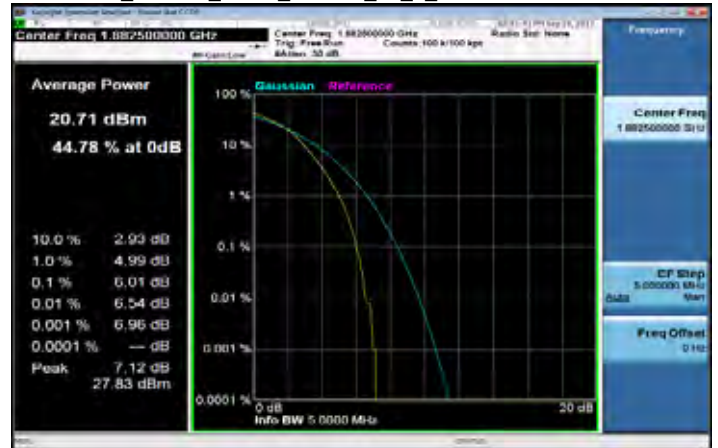
LTE_Band25_5MHz_64QAM_25_0_LowCH26065-1852.5



LTE_Band25_3MHz_64QAM_15_0_MidCH26365-1882.5



LTE_Band25_5MHz_64QAM_25_0_MidCH26365-1882.5



LTE_Band25_3MHz_64QAM_15_0_HighCH26675-1913.5



LTE_Band25_5MHz_64QAM_25_0_HighCH26665-1912.5

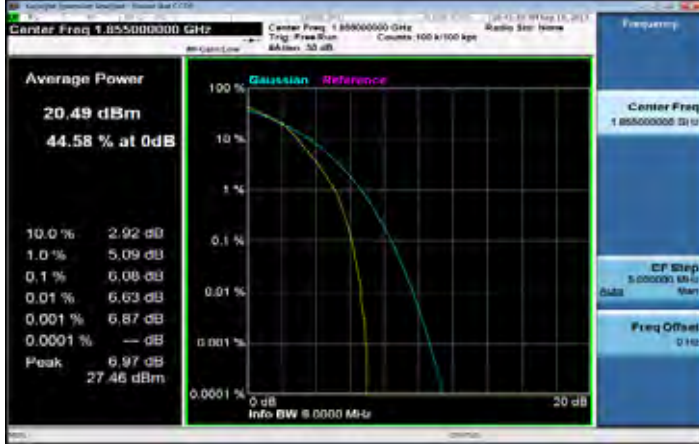


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

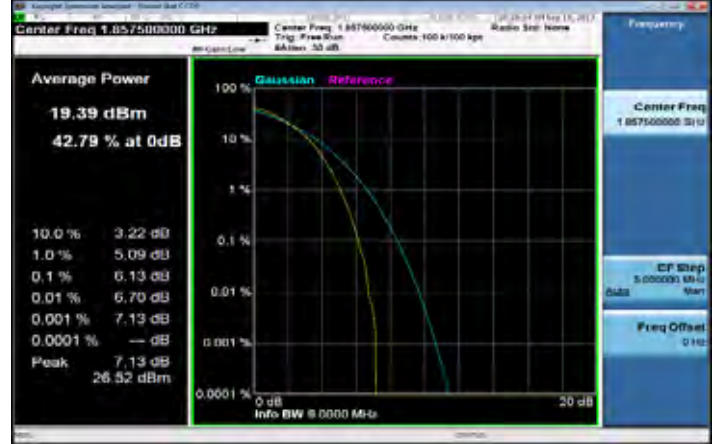
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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

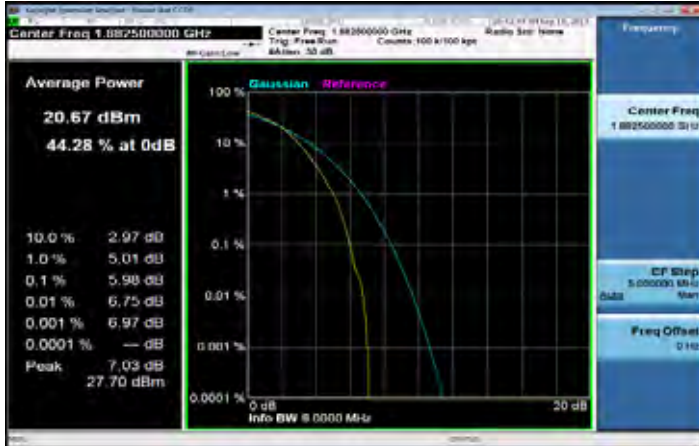
LTE_Band25_10MHz_64QAM_50_0_LowCH26090-1855



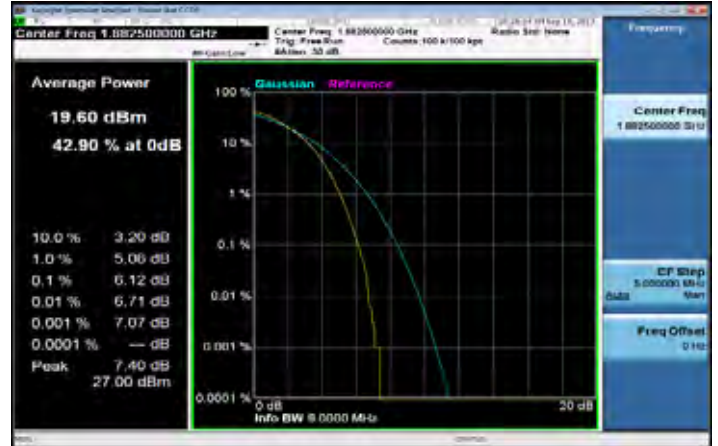
LTE_Band25_15MHz_64QAM_75_0_LowCH26115-1857.5



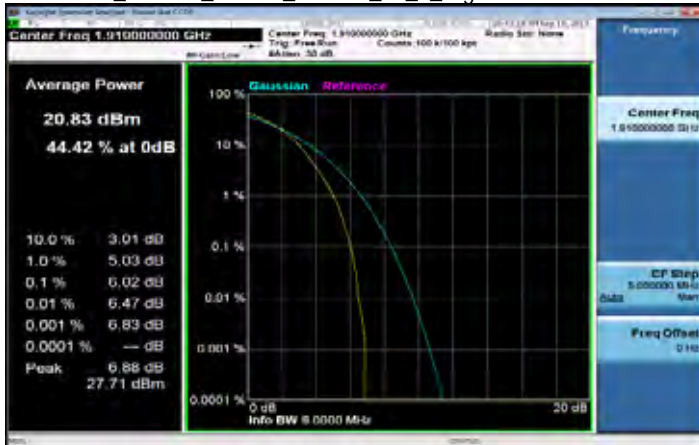
LTE_Band25_10MHz_64QAM_50_0_MidCH26365-1882.5



LTE_Band25_15MHz_64QAM_75_0_MidCH26365-1882.5



LTE_Band25_10MHz_64QAM_50_0_HighCH26640-1910



LTE_Band25_15MHz_64QAM_75_0_HighCH26615-1907.5



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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/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

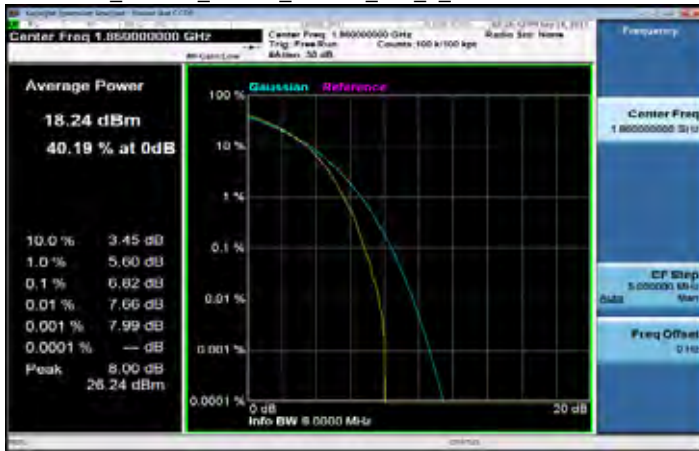
t (886-2) 2299-3279

f (886-2) 2298-0488

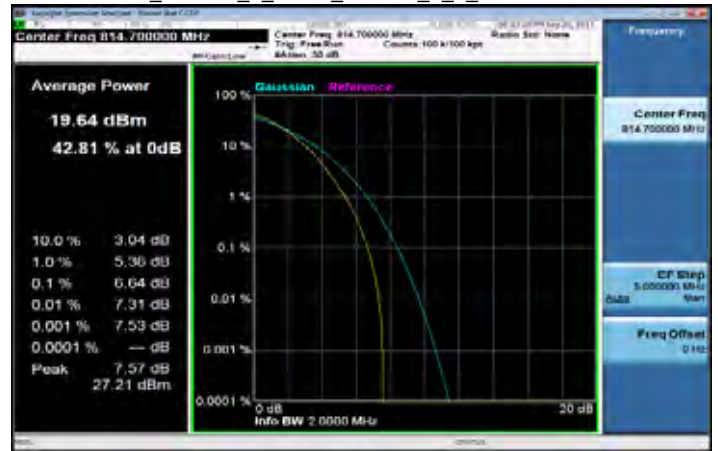
www.tw.sgs.com

Member of SGS Group

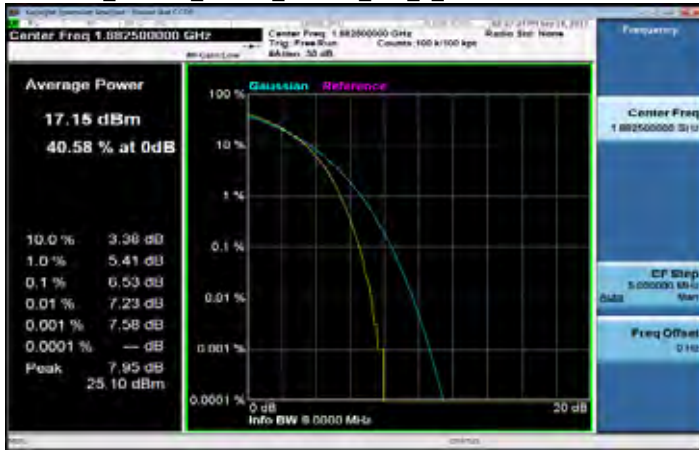
LTE_Band25_20MHz_64QAM_100_0_LowCH26140-1860



LTE_Band26_1_4MHz_64QAM_6_0_LowCH26697



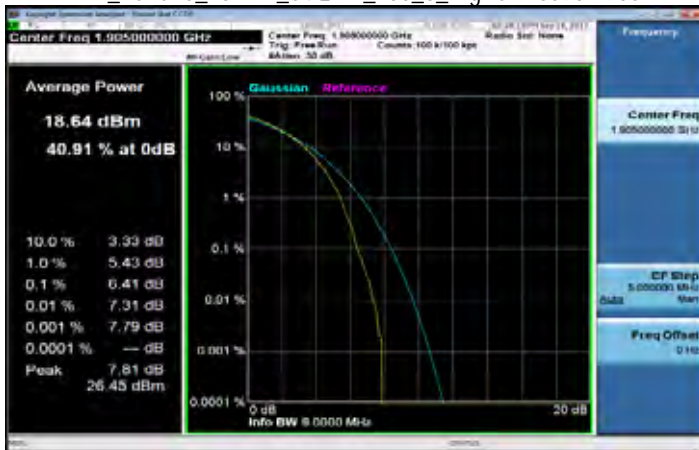
LTE_Band25_20MHz_64QAM_100_0_MidCH26365-1882.5



LTE_Band26_1_4MHz_64QAM_6_0_LowCH26697-814.7



LTE_Band25_20MHz_64QAM_100_0_HighCH26590-1905



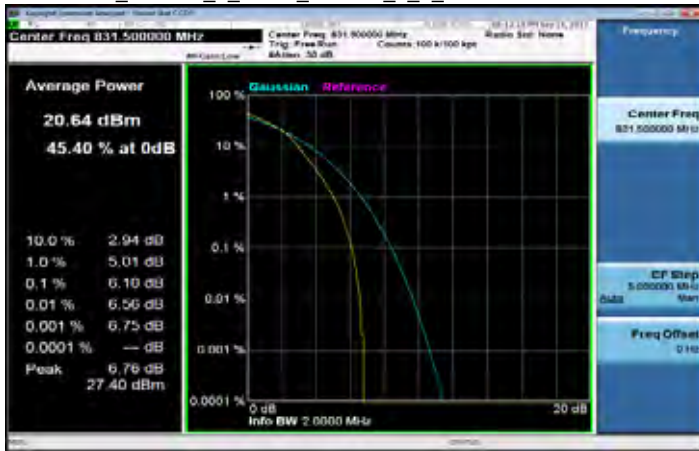
LTE_Band26_1_4MHz_64QAM_6_0_MidCH26740



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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.

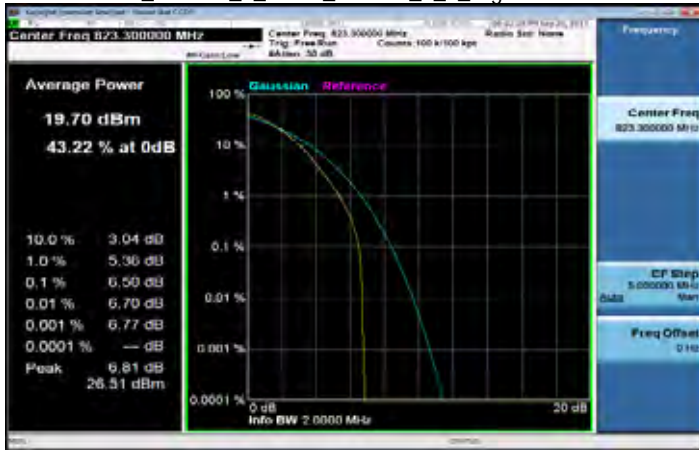
LTE_Band26_1_4MHz_64QAM_6_0_MidCH26865-831.5



LTE_Band26_3MHz_64QAM_15_0_LowCH26705



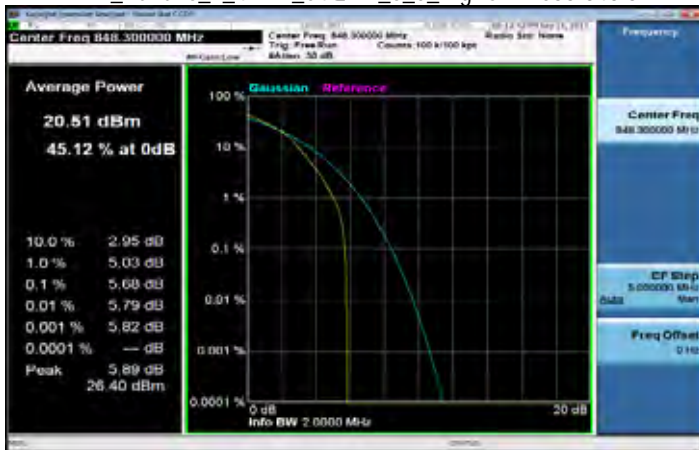
LTE_Band26_1_4MHz_64QAM_6_0_HighCH26783



LTE_Band26_3MHz_64QAM_15_0_LowCH26705-815.5



LTE_Band26_1_4MHz_64QAM_6_0_HighCH27033-848.3



LTE_Band26_3MHz_64QAM_15_0_MidCH26740



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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/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

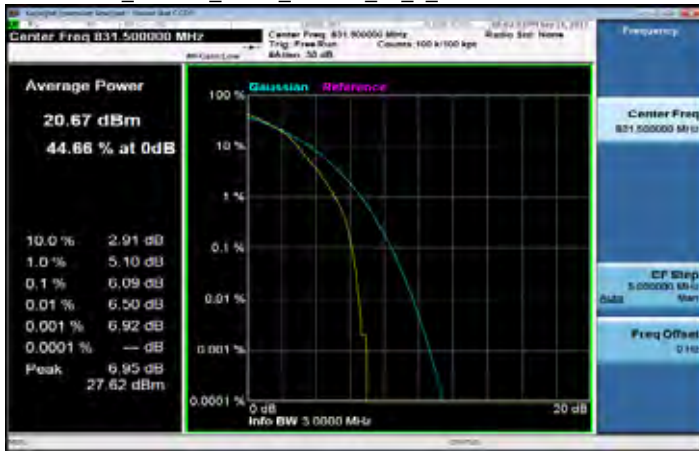
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

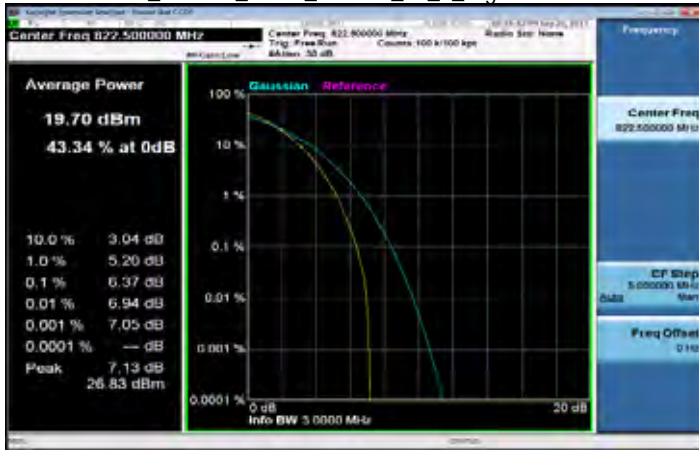
LTE_Band26_3MHz_64QAM_15_0_MidCH26865-831.5



LTE_Band26_5MHz_64QAM_25_0_LowCH26715-816.5



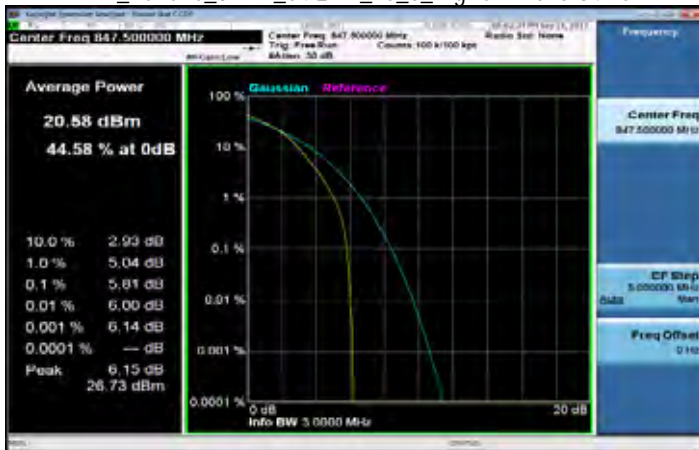
LTE_Band26_3MHz_64QAM_15_0_HighCH26775



LTE_Band26_5MHz_64QAM_25_0_LowCH26715-816.5



LTE_Band26_3MHz_64QAM_15_0_HighCH27025-847.5



LTE_Band26_5MHz_64QAM_25_0_MidCH26740



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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/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.tw.sgs.com

Member of SGS Group

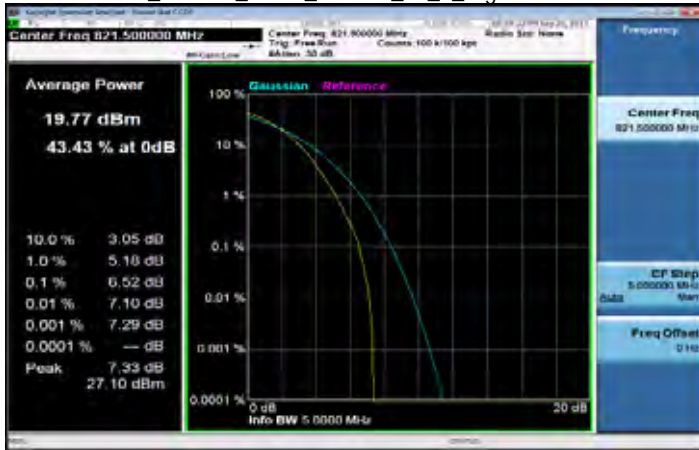
LTE_Band26_5MHz_64QAM_25_0_MidCH26865-831.5



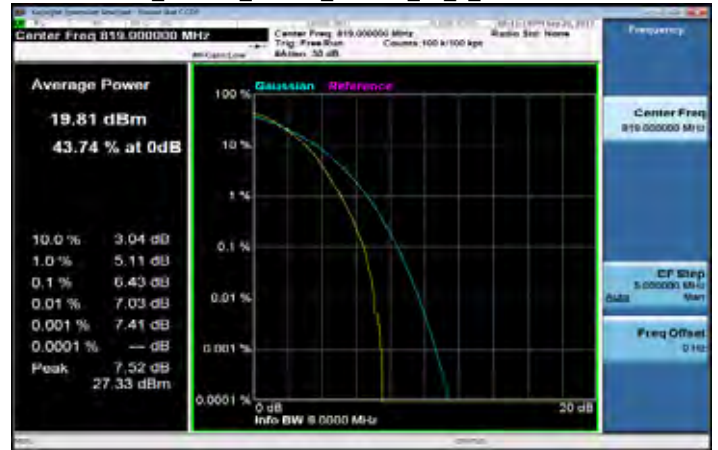
LTE_Band26_10MHz_64QAM_50_0_LowCH26750-820



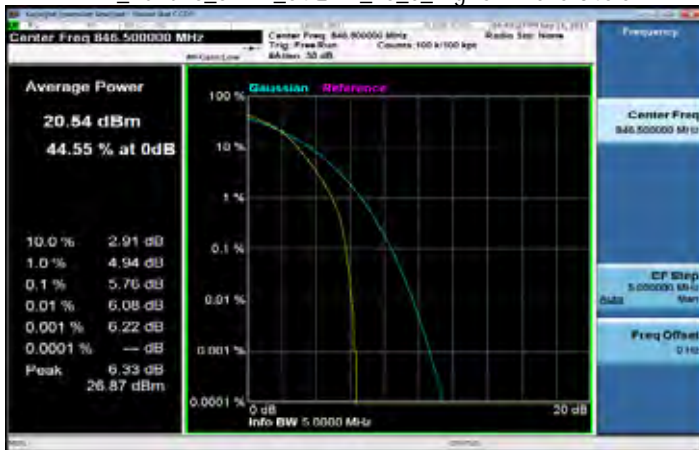
LTE_Band26_5MHz_64QAM_25_0_HighCH26765



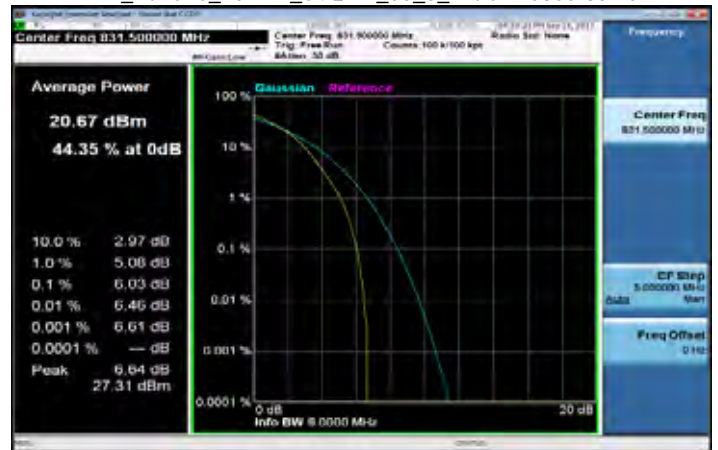
LTE_Band26_10MHz_64QAM_50_0_MidCH26740



LTE_Band26_5MHz_64QAM_25_0_HighCH27015-846.5



LTE_Band26_10MHz_64QAM_50_0_MidCH26865-831.5



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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803/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

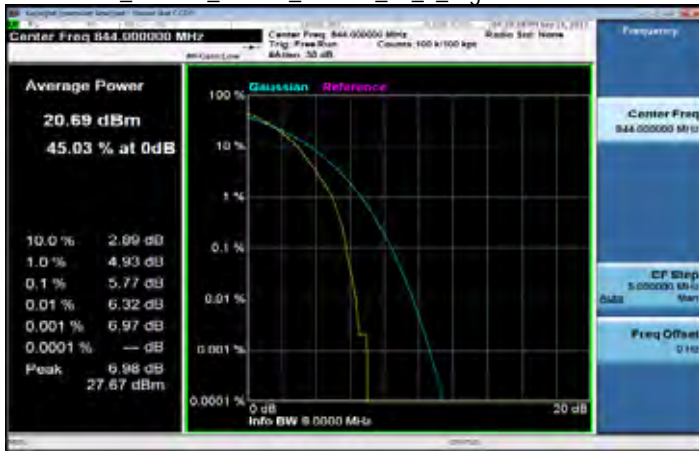
t (886-2) 2299-3279

f (886-2) 2298-0488

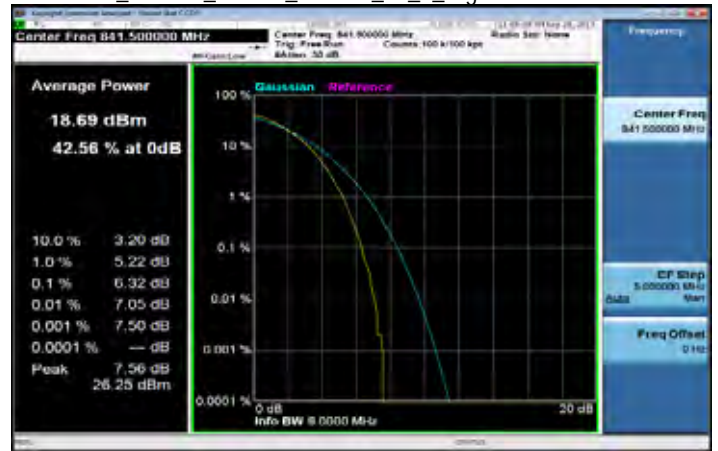
www.tw.sgs.com

Member of SGS Group

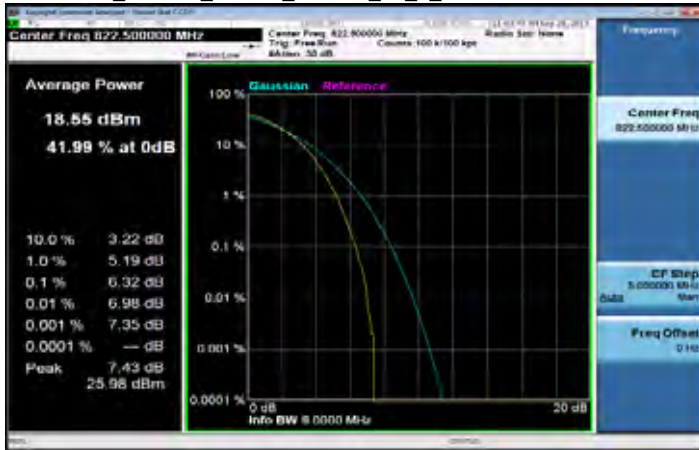
LTE_Band26_10MHz_64QAM_50_0_HighCH26990-844



LTE_Band26_15MHz_64QAM_75_0_HighCH26965-841.5



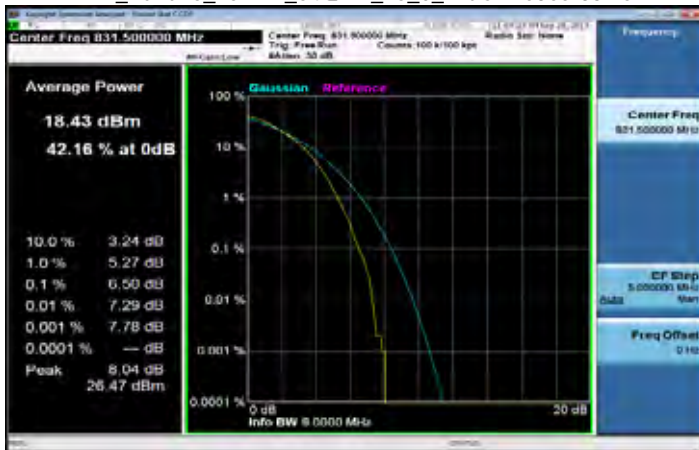
LTE_Band26_15MHz_64QAM_75_0_LowCH26775-822.5



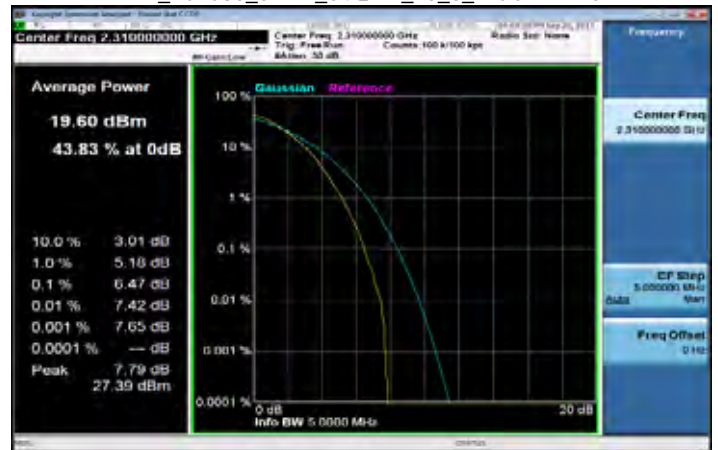
LTE_Band30_5MHz_64QAM_25_0_LowCH27685



LTE_Band26_15MHz_64QAM_75_0_MidCH26865-831.5



LTE_Band30_5MHz_64QAM_25_0_MidCH27710



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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/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

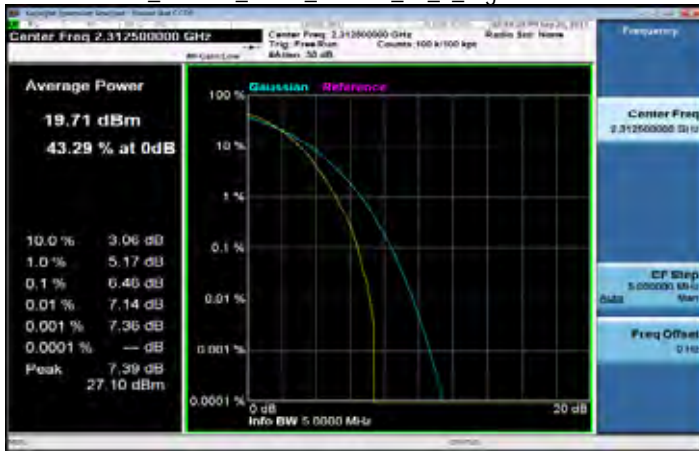
t (886-2) 2299-3279

f (886-2) 2298-0488

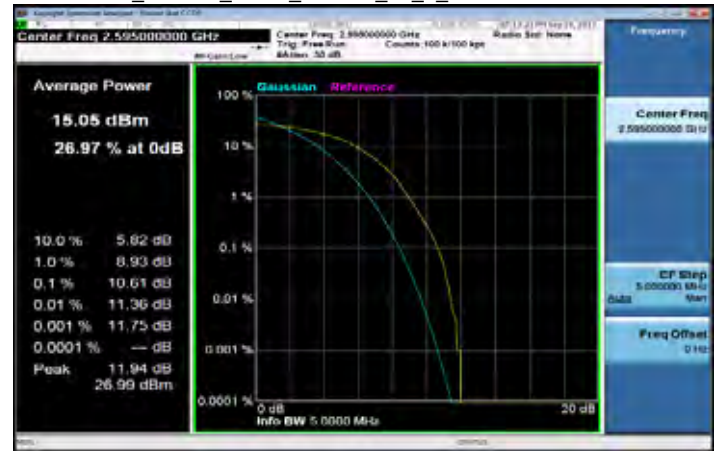
www.tw.sgs.com

Member of SGS Group

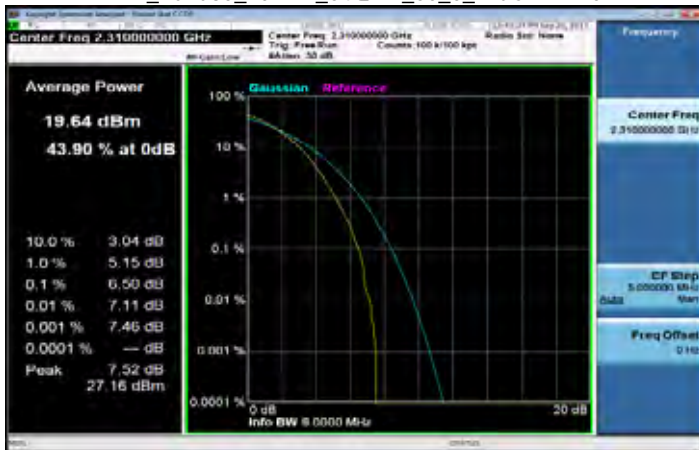
LTE_Band30_5MHz_64QAM_25_0_HighCH27735



LTE_Band38_5MHz_64QAM_25_0_MidCH38000-2595



LTE_Band30_10MHz_64QAM_50_0_MidCH27710



LTE_Band38_5MHz_64QAM_25_0_HighCH38225-2617.5



LTE_Band38_5MHz_64QAM_25_0_LowCH37775-2572.5



LTE_Band38_10MHz_64QAM_50_0_LowCH37800-2575



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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/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

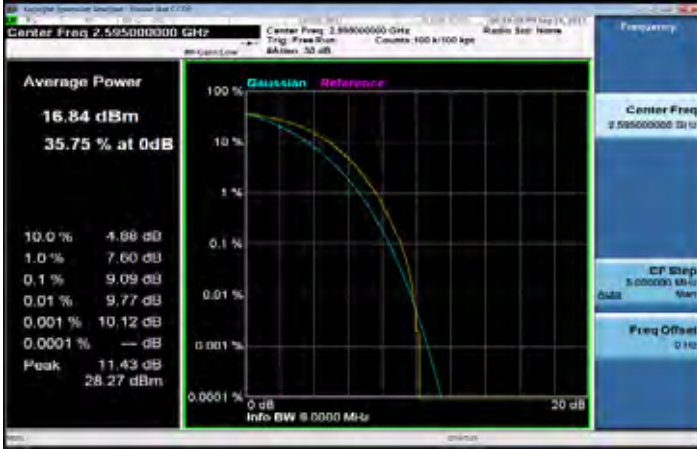
t (886-2) 2299-3279

f (886-2) 2298-0488

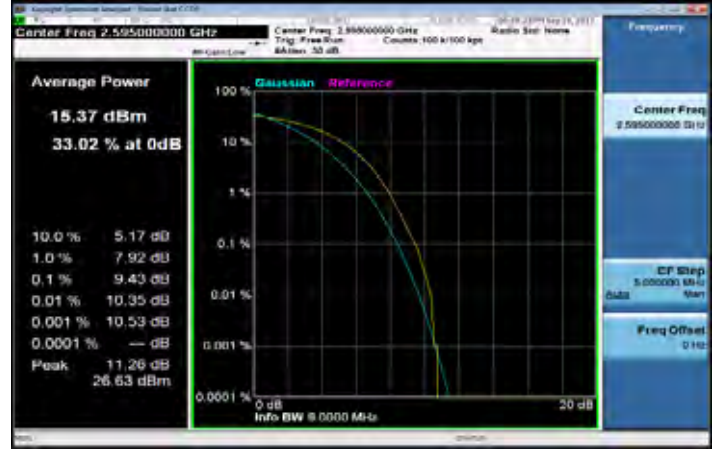
www.tw.sgs.com

Member of SGS Group

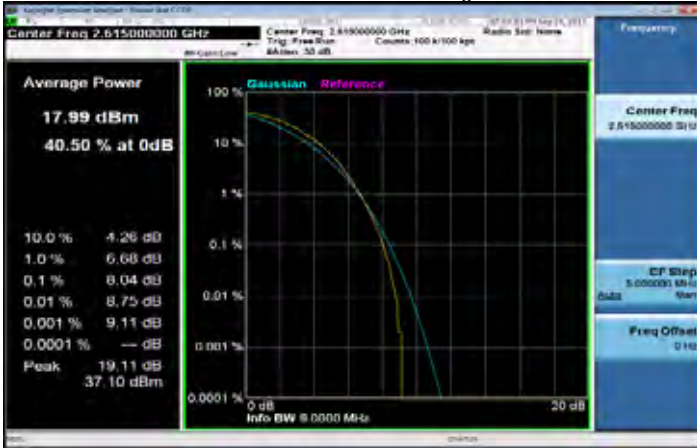
LTE_Band38_10MHz_64QAM_50_0_MidCH38000-2595



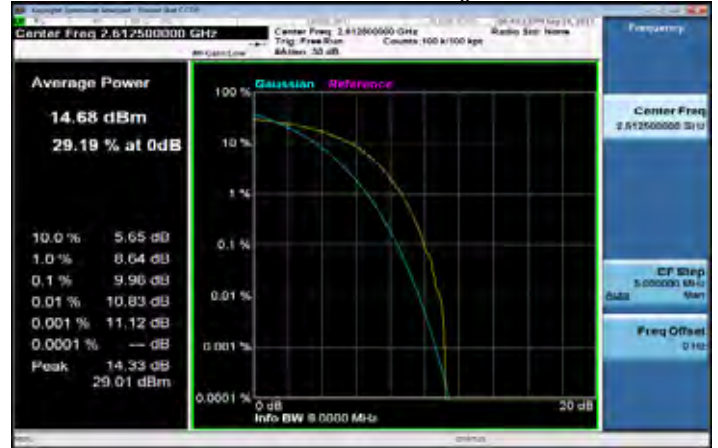
LTE_Band38_15MHz_64QAM_75_0_MidCH38000-2595



LTE_Band38_10MHz_64QAM_50_0_HighCH38200-2615



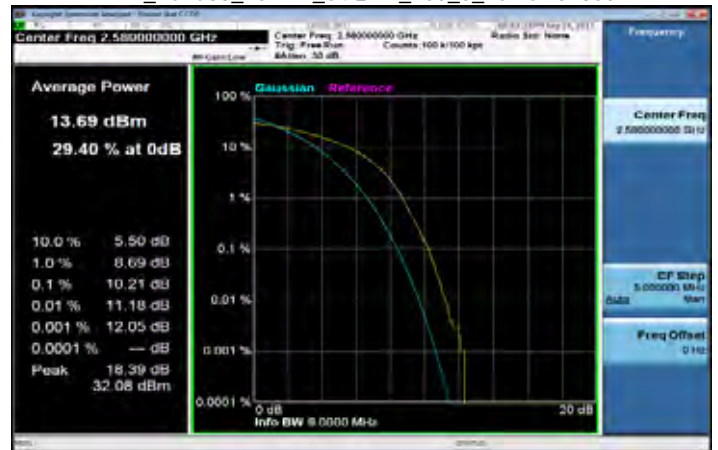
LTE_Band38_15MHz_64QAM_75_0_HighCH38175-2612.5



LTE_Band38_15MHz_64QAM_75_0_LowCH37825-2577.5



LTE_Band38_20MHz_64QAM_100_0_LowCH37850



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.

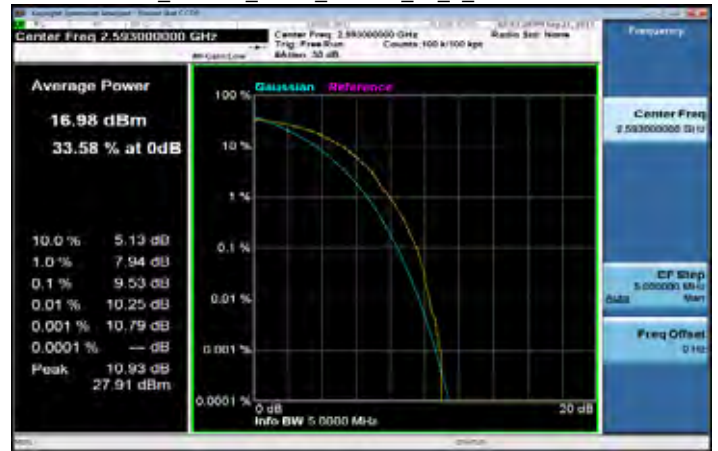
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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

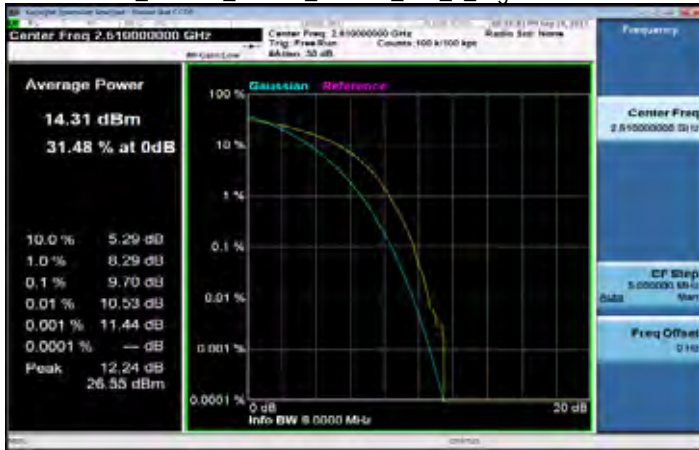
LTE_Band38_20MHz_64QAM_100_0_MidCH38000



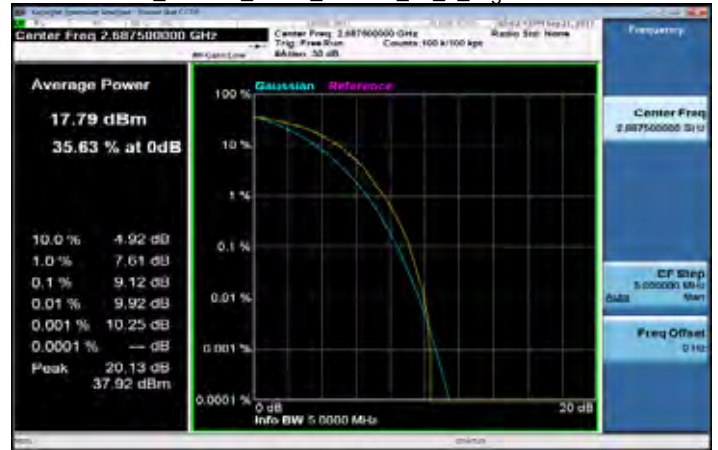
LTE_Band41_5MHz_64QAM_25_0_MidCH40620



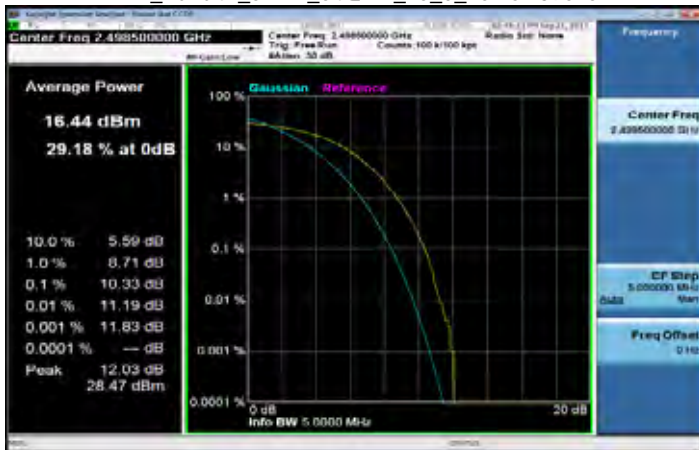
LTE_Band38_20MHz_64QAM_100_0_HighCH38150



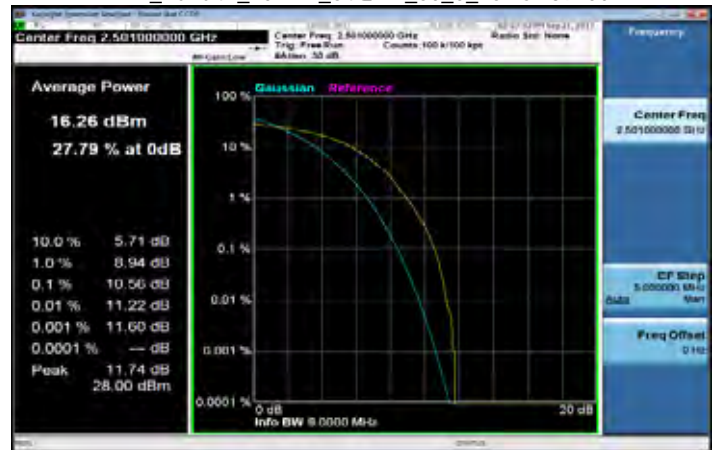
LTE_Band41_5MHz_64QAM_25_0_HighCH41565



LTE_Band41_5MHz_64QAM_25_0_LowCH39675



LTE_Band41_10MHz_64QAM_50_0_LowCH39700



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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKungRoad, NewTaipeiIndustrialPark, WukuDistrict, NewTaipeiCity, Taiwan24803/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.tw.sgs.com

Member of SGS Group

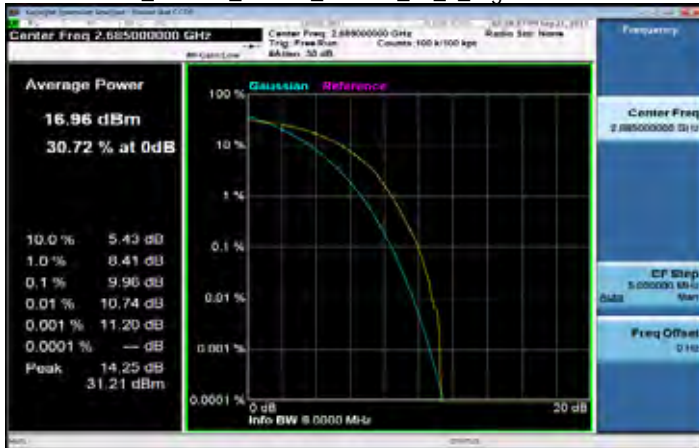
LTE_Band41_10MHz_64QAM_50_0_MidCH40620



LTE_Band41_15MHz_64QAM_75_0_MidCH40620



LTE_Band41_10MHz_64QAM_50_0_HighCH41540



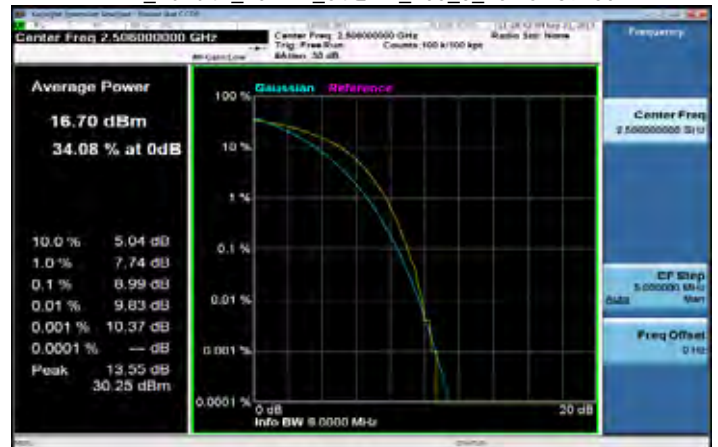
LTE_Band41_15MHz_64QAM_75_0_HighCH41515



LTE_Band41_15MHz_64QAM_75_0_LowCH39725



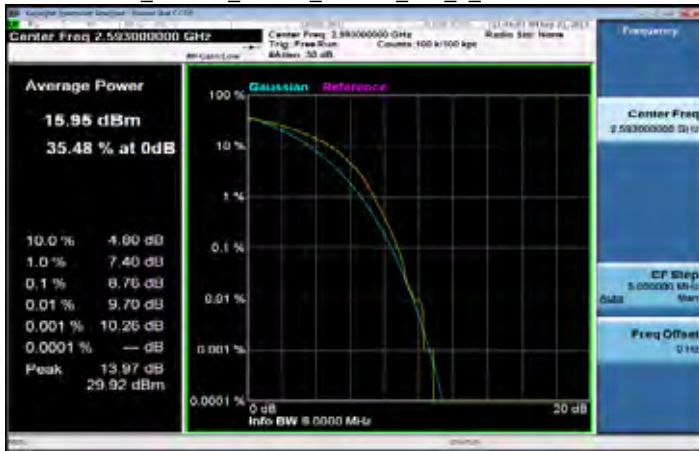
LTE_Band41_20MHz_64QAM_100_0_LowCH39750



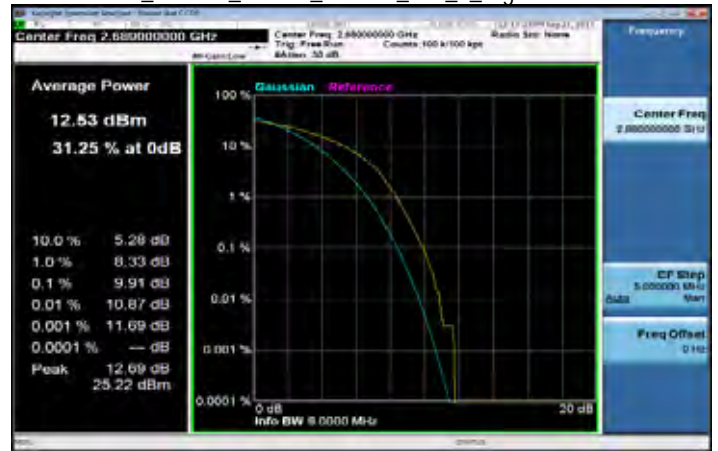
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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

LTE_Band41_20MHz_64QAM_100_0_MidCH40620



LTE_Band41_20MHz_64QAM_100_0_HighCH41490



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 www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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, WuKung Road, New Taipei Industrial Park, WuKung District, New Taipei City, Taiwan 24803/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.tw.sgs.com

Member of SGS Group