

3GHz~10GHz_Band41_20MHz_QPSK_1_0_LowCH39750



30MHz~3GHz_Band41_20MHz_QPSK_1_0_HighCH41490



30MHz~3GHz_Band41_20MHz_QPSK_1_0_MidCH40620



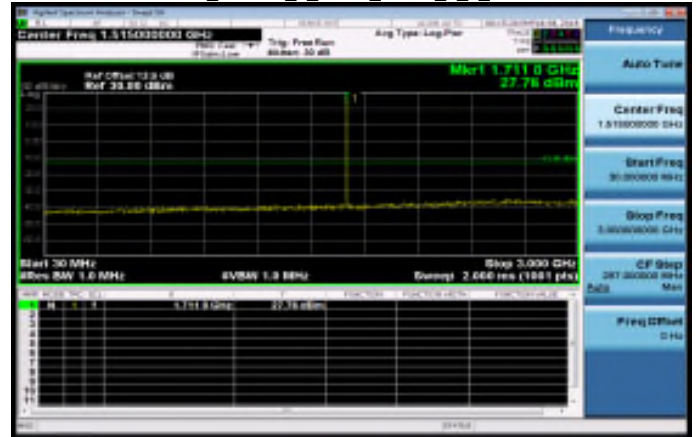
3GHz~10GHz_Band41_20MHz_QPSK_1_0_HighCH41490



3GHz~10GHz_Band41_20MHz_QPSK_1_0_MidCH40620



30MHz~3GHz_Band66_1_4MHz_QPSK_1_0_LowCH131979



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

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

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

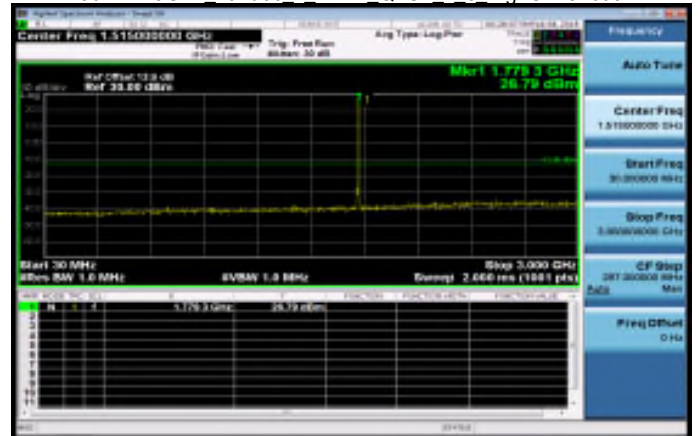
www.tw.sgs.com

Member of SGS Group

3GHz~10GHz_Band66_1_4MHz_QPSK_1_0_LowCH131979



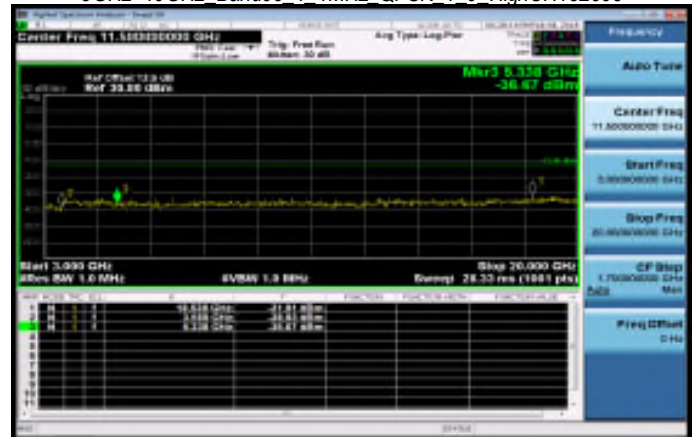
30MHz~3GHz_Band66_1_4MHz_QPSK_1_0_HighCH132665



30MHz~3GHz_Band66_1_4MHz_QPSK_1_0_MidCH132322



3GHz~10GHz_Band66_1_4MHz_QPSK_1_0_HighCH132665



3GHz~10GHz_Band66_1_4MHz_QPSK_1_0_MidCH132322



30MHz~3GHz_Band66_3MHz_QPSK_1_0_LowCH131987

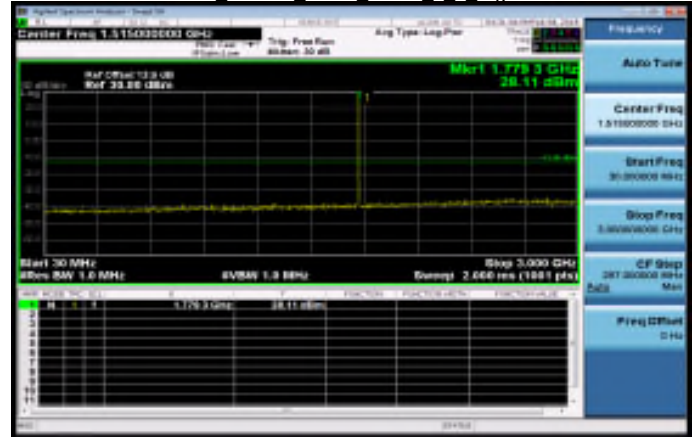


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

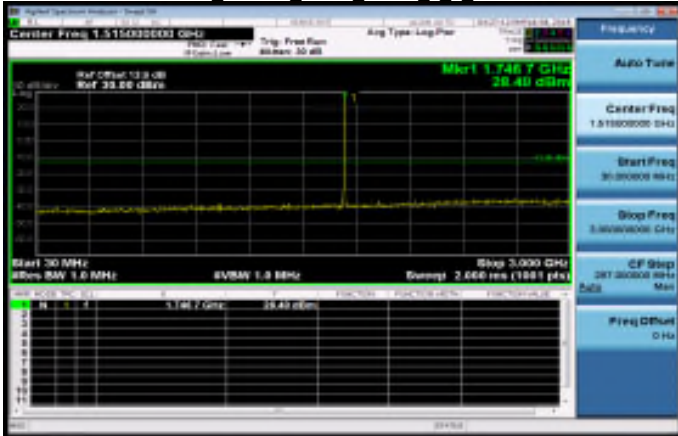
3GHz~10GHz_Band66_3MHz_QPSK_1_0_LowCH131987



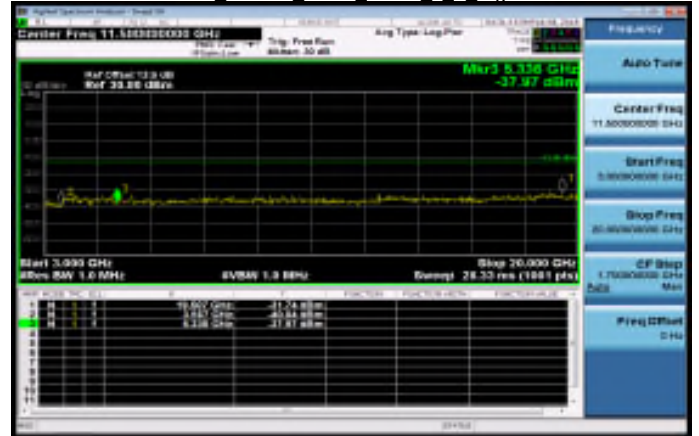
30MHz~3GHz_Band66_3MHz_QPSK_1_0_HighCH132657



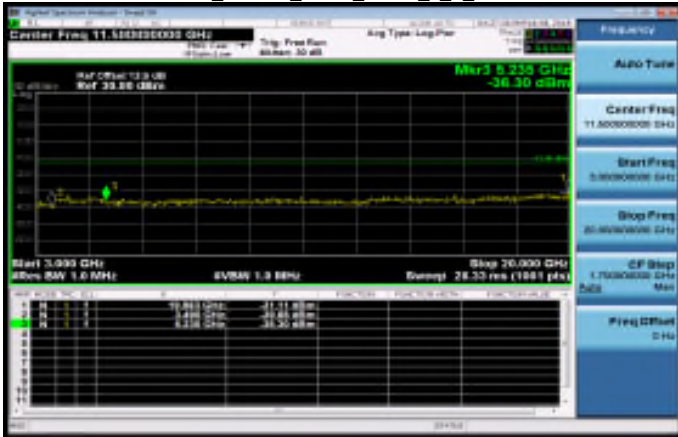
30MHz~3GHz_Band66_3MHz_QPSK_1_0_MidCH132322



3GHz~10GHz_Band66_3MHz_QPSK_1_0_HighCH132657



3GHz~10GHz_Band66_3MHz_QPSK_1_0_MidCH132322



30MHz~3GHz_Band66_5MHz_QPSK_1_0_LowCH131997



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

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

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

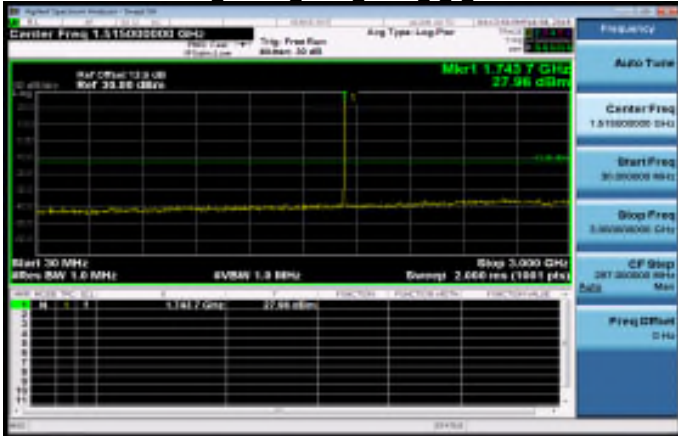
3GHz~10GHz_Band66_5MHz_QPSK_1_0_LowCH131997



30MHz~3GHz_Band66_5MHz_QPSK_1_0_HighCH132647



30MHz~3GHz_Band66_5MHz_QPSK_1_0_MidCH132322



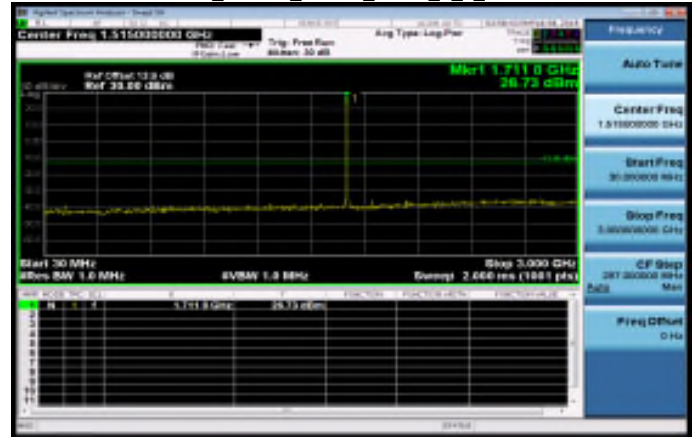
3GHz~10GHz_Band66_5MHz_QPSK_1_0_HighCH132647



3GHz~10GHz_Band66_5MHz_QPSK_1_0_MidCH132322

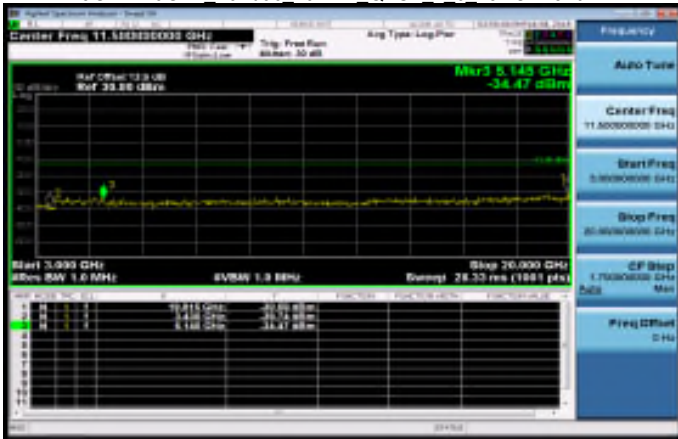


30MHz~3GHz_Band66_10MHz_QPSK_1_0_LowCH132022

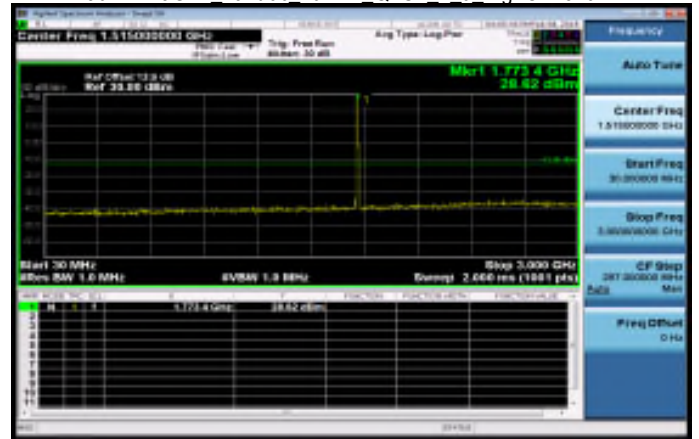


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf,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

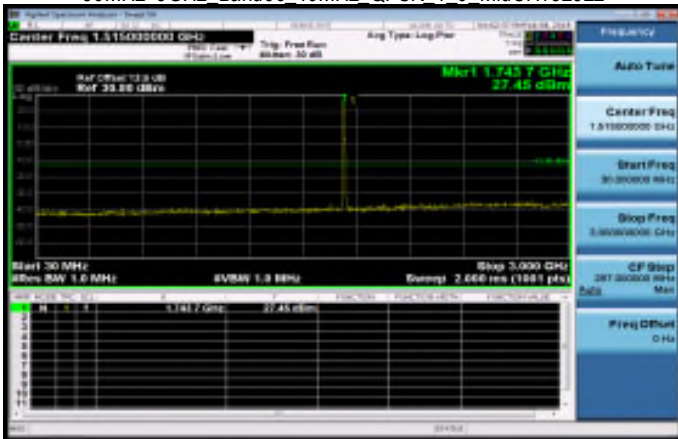
3GHz~10GHz_Band66_10MHz_QPSK_1_0_LowCH132022



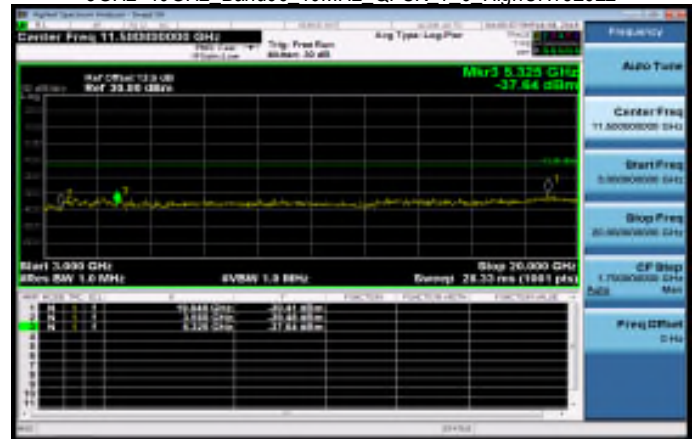
30MHz~3GHz_Band66_10MHz_QPSK_1_0_HighCH132622



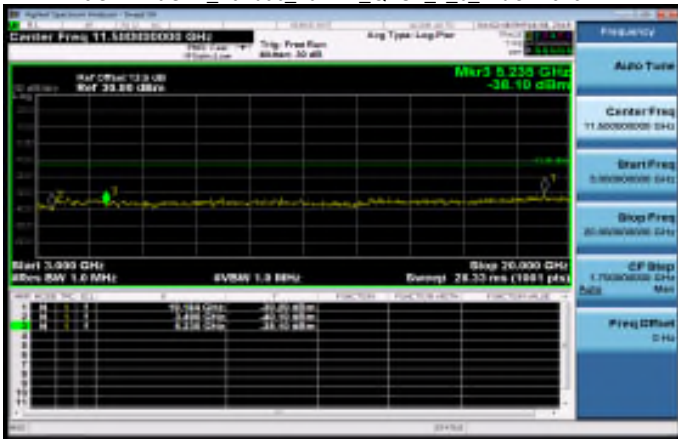
30MHz~3GHz_Band66_10MHz_QPSK_1_0_MidCH132322



3GHz~10GHz_Band66_10MHz_QPSK_1_0_HighCH132622



3GHz~10GHz_Band66_10MHz_QPSK_1_0_MidCH132322



30MHz~3GHz_Band66_15MHz_QPSK_1_0_LowCH132047



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

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

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

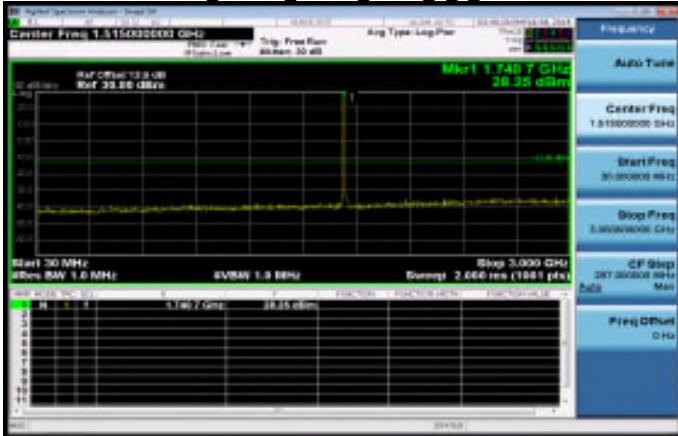
3GHz~10GHz_Band66_15MHz_QPSK_1_0_LowCH132047



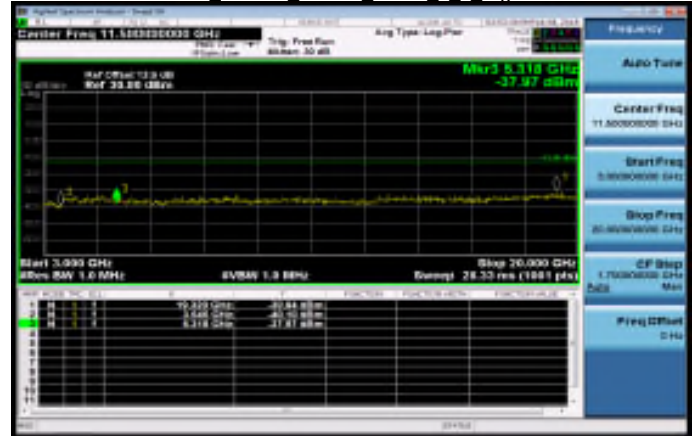
30MHz~3GHz_Band66_15MHz_QPSK_1_0_HighCH132597



30MHz~3GHz_Band66_15MHz_QPSK_1_0_MidCH132322



3GHz~10GHz_Band66_15MHz_QPSK_1_0_HighCH132597



3GHz~10GHz_Band66_15MHz_QPSK_1_0_MidCH132322



30MHz~3GHz_Band66_20MHz_QPSK_1_0_LowCH132072



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

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

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

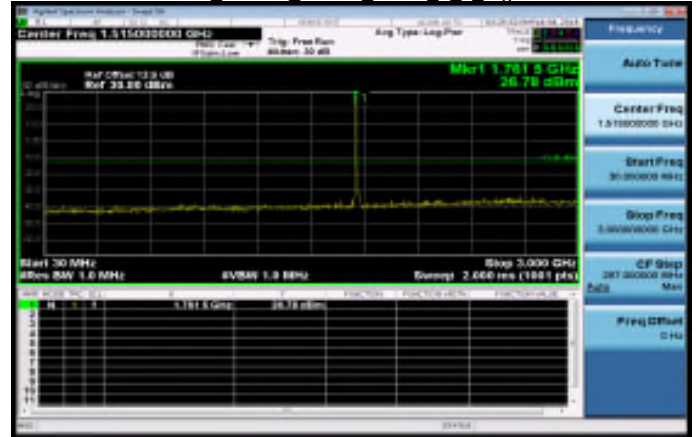
www.tw.sgs.com

Member of SGS Group

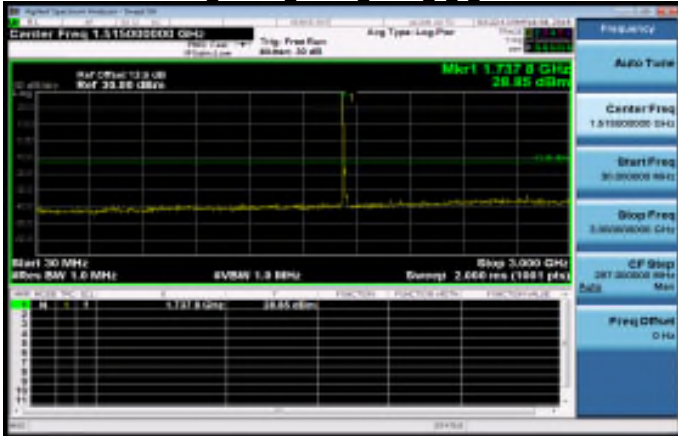
3GHz~10GHz_Band66_20MHz_QPSK_1_0_LowCH132072



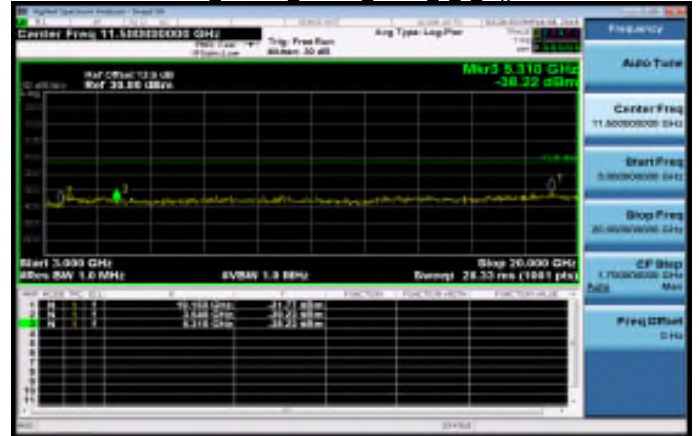
30MHz~3GHz_Band66_20MHz_QPSK_1_0_HighCH132572



30MHz~3GHz_Band66_20MHz_QPSK_1_0_MidCH132322



3GHz~10GHz_Band66_20MHz_QPSK_1_0_HighCH132572



3GHz~10GHz_Band66_20MHz_QPSK_1_0_MidCH132322



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
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 1.2 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

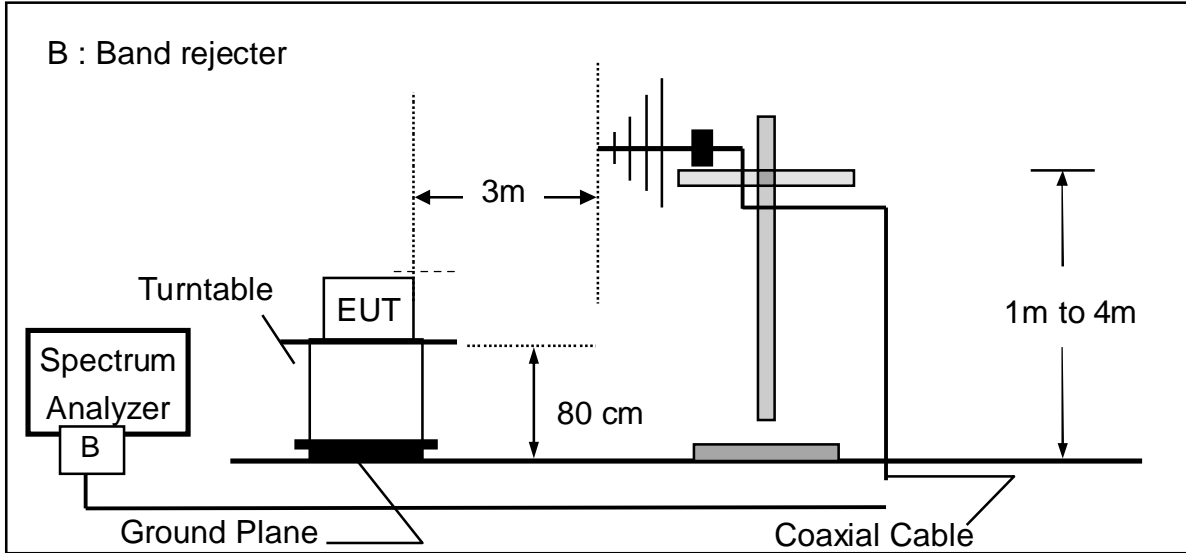
f (886-2) 2298-0488

www.tw.sgs.com

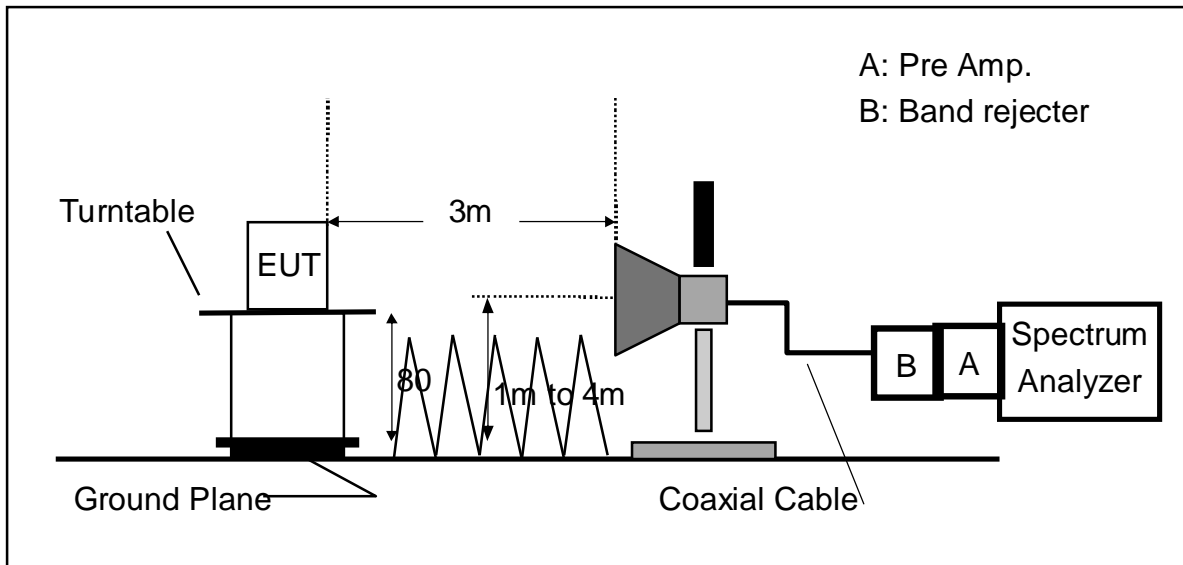
Member of SGS Group

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.

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

10.3. 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 | 11/03/2017 | 11/02/2018 |
| Broadband Antenna | TESEQ | CBL 6112D | 35243 | 11/09/2017 | 11/08/2018 |
| Horn Antenna | ETS-Lindgren | 3117 | 00143272 | 12/15/2017 | 12/16/2018 |
| Horn Antenna | ETS-Lindgren | 3117 | 143279 | 11/14/2017 | 11/13/2018 |
| Horn Antenna | Schwarzbeck | BBHA9170 | 184 | 12/11/2017 | 12/10/2018 |
| Horn Antenna | Schwarzbeck | BBHA9170 | 185 | 08/01/2017 | 07/31/2018 |
| Pre Amplifier | EMC Instruments | EMC330 | 980096 | 12/24/2017 | 12/23/2018 |
| Pre Amplifier | EMC Instruments | EMC0011830 | 980199 | 12/24/2017 | 12/23/2018 |
| Pre Amplifier | R&S | SCU-18 | 10204 | 12/24/2017 | 12/23/2018 |
| Pre Amplifier | R&S | SCU-26 | 100780 | 12/24/2017 | 12/23/2018 |
| Pre Amplifier | EMC Instruments | EMC184045B | 980135 | 12/24/2017 | 12/23/2018 |
| Coaxial Cable | Huber+Suhner | RG 214/U | 966Rx 9K-30M | 12/24/2017 | 12/23/2018 |
| Coaxial Cable | Huber+Suhner | RG 214/U SUCOFLEX 104 | 966Rx 30M-3G | 12/24/2017 | 12/23/2018 |
| Coaxial Cable | Huber+Suhner | SUCOFLEX 104 | 966Rx 1G-18G | 12/24/2017 | 12/23/2018 |
| Coaxial Cable | Huber+Suhner | mini 141-12 SUCOFLEX 104 | 966Rx 18G-40G | 12/24/2017 | 12/23/2018 |
| Coaxial Cable | Huber+Suhner | SUCOFLEX 104 | 966Tx 30M-18G | 12/24/2017 | 12/23/2018 |
| Coaxial Cable | Huber+Suhner | SUCOFLEX 102 | 966Tx 18G-40G | 12/24/2017 | 12/23/2018 |
| Attenuator | WOKEN | 218FS-10 | RF27 | 12/24/2017 | 12/23/2018 |
| Communication Tester | Anritsu | MT8820C | 6201107337 | 06/11/2017 | 06/10/2018 |
| 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

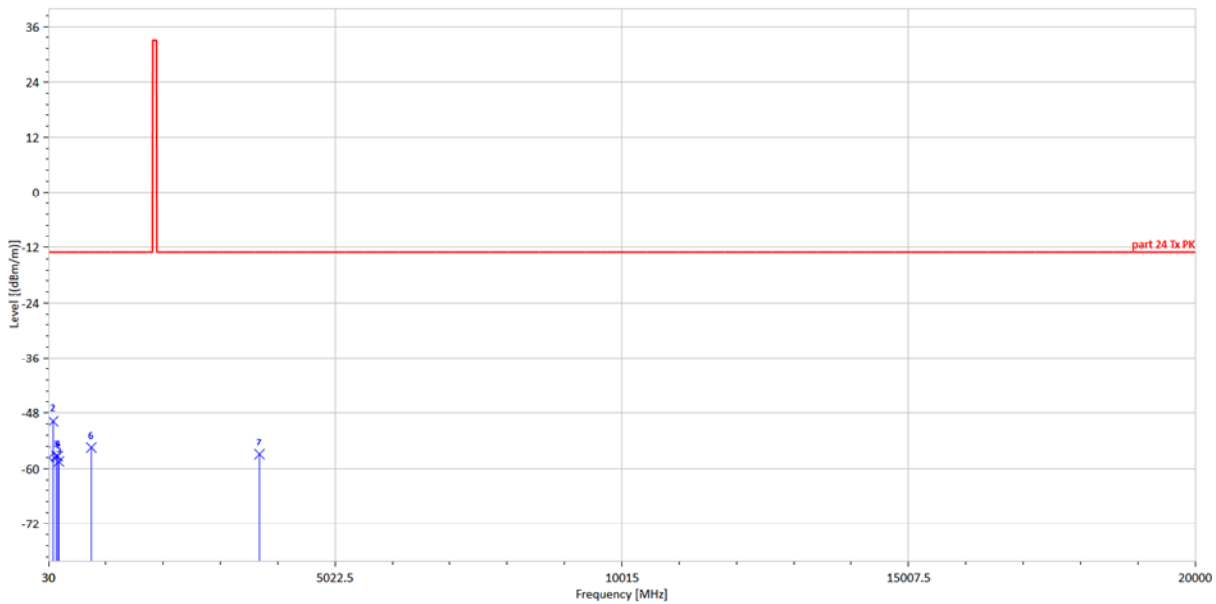
www.tw.sgs.com

Member of SGS Group

10.5. Measurement Result:

Radiated Spurious Emission Measurement Result: HSUPA Band 2 Mode

| | | | |
|-------------------------|------------|----------------------------|----------------|
| Operation Mode : | HSUPA B2 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 1852.4 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Ashton |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 38.73 | S | -57.66 | -41.67 | -15.13 | -0.85 | -13.01 | -44.65 |
| 111.48 | S | -49.76 | -44.74 | -3.56 | -1.46 | -13.01 | -36.75 |
| 164.83 | S | -57.35 | -57.48 | 1.93 | -1.80 | -13.01 | -44.34 |
| 192.96 | S | -57.37 | -59.45 | 4.03 | -1.95 | -13.01 | -44.36 |
| 211.39 | S | -58.48 | -60.44 | 4.00 | -2.05 | -13.01 | -45.47 |
| 775.93 | S | -55.53 | -56.69 | 5.19 | -4.03 | -13.01 | -42.52 |
| 3704.80 | H | -56.94 | -60.46 | 12.42 | -8.90 | -13.01 | -43.93 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

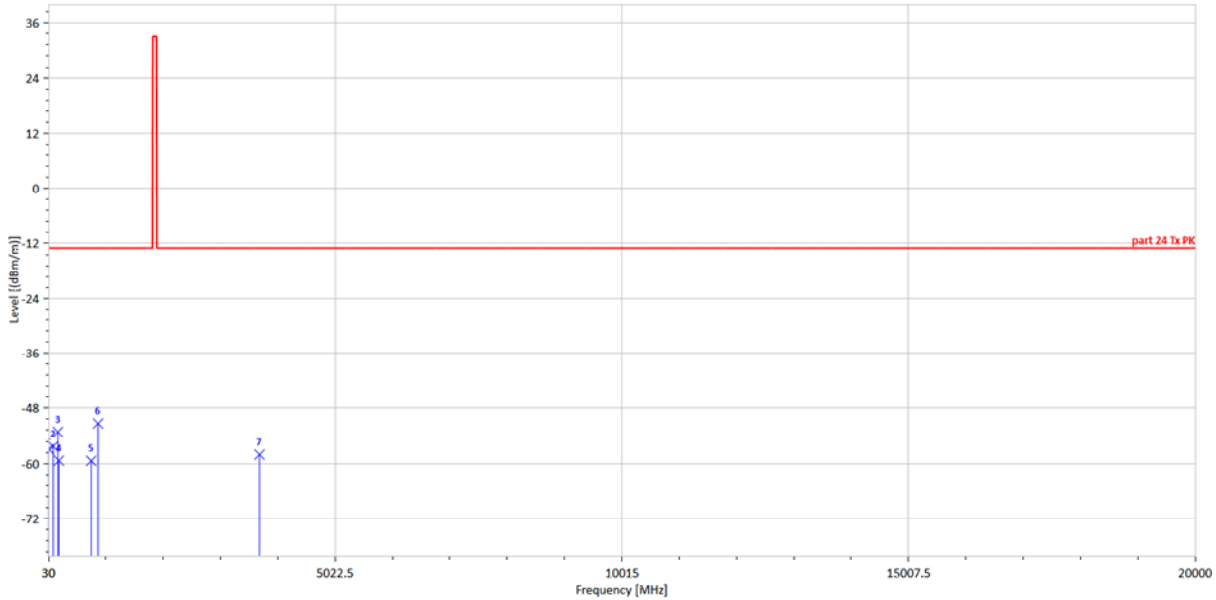
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|------------|----------------------------|----------------|
| Operation Mode : | HSUPA B2 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 1852.4 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Ashton |
| EUT Pol. : | H | 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 | -56.89 | -36.08 | -19.97 | -0.83 | -13.01 | -43.88 |
| 111.48 | S | -56.31 | -51.30 | -3.56 | -1.46 | -13.01 | -43.30 |
| 192.96 | S | -53.13 | -55.21 | 4.03 | -1.95 | -13.01 | -40.12 |
| 211.39 | S | -59.37 | -61.32 | 4.00 | -2.05 | -13.01 | -46.36 |
| 773.99 | S | -59.41 | -60.57 | 5.19 | -4.03 | -13.01 | -46.40 |
| 893.30 | S | -51.31 | -52.12 | 5.21 | -4.40 | -13.01 | -38.30 |
| 3704.80 | H | -58.07 | -61.59 | 12.42 | -8.90 | -13.01 | -45.06 |

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

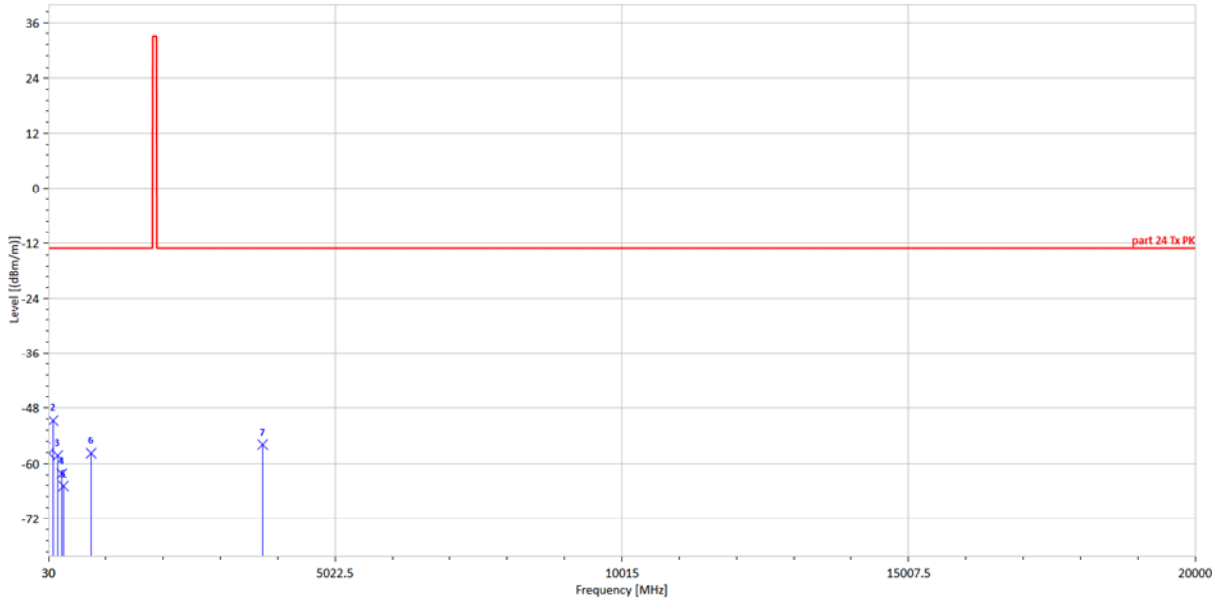
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : HSUPA B2 Test Date : 2018/1/19
 Fundamental Frequency : 1880 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Ashton
 EUT Pol. : H 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -57.81 | -41.04 | -15.92 | -0.85 | -13.01 | -44.80 |
| 111.48 | S | -50.67 | -45.65 | -3.56 | -1.46 | -13.01 | -37.66 |
| 191.02 | S | -58.31 | -60.47 | 4.10 | -1.95 | -13.01 | -45.30 |
| 260.86 | S | -62.18 | -62.03 | 2.15 | -2.30 | -13.01 | -49.17 |
| 291.90 | S | -64.98 | -65.98 | 3.43 | -2.43 | -13.01 | -51.97 |
| 773.02 | S | -57.81 | -58.98 | 5.19 | -4.02 | -13.01 | -44.80 |
| 3760.00 | H | -55.97 | -59.48 | 12.46 | -8.94 | -13.01 | -42.96 |

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

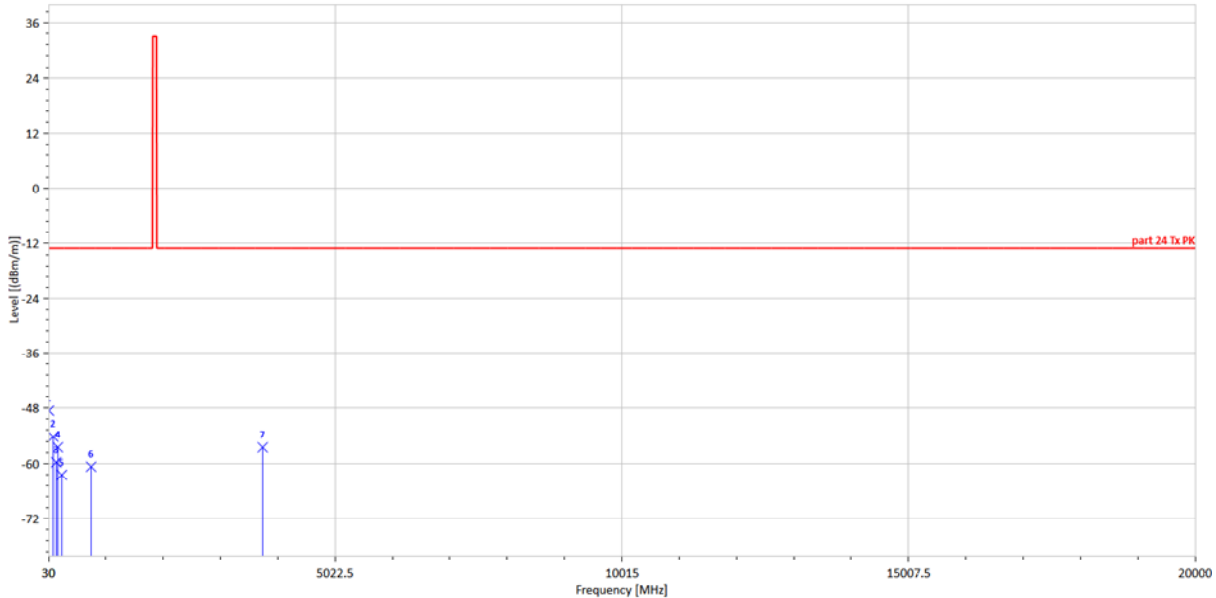
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : HSUPA B2 Test Date : 2018/1/19
 Fundamental Frequency : 1880 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Ashton
 EUT Pol. : H 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -48.54 | -31.77 | -15.92 | -0.85 | -13.01 | -35.53 |
| 112.45 | S | -54.18 | -49.19 | -3.52 | -1.46 | -13.01 | -41.17 |
| 164.83 | S | -59.72 | -59.85 | 1.93 | -1.80 | -13.01 | -46.71 |
| 193.93 | S | -56.52 | -58.56 | 4.00 | -1.96 | -13.01 | -43.51 |
| 261.83 | S | -62.49 | -62.43 | 2.25 | -2.31 | -13.01 | -49.48 |
| 773.02 | S | -60.70 | -61.87 | 5.19 | -4.02 | -13.01 | -47.69 |
| 3760.00 | H | -56.54 | -60.05 | 12.46 | -8.94 | -13.01 | -43.53 |

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

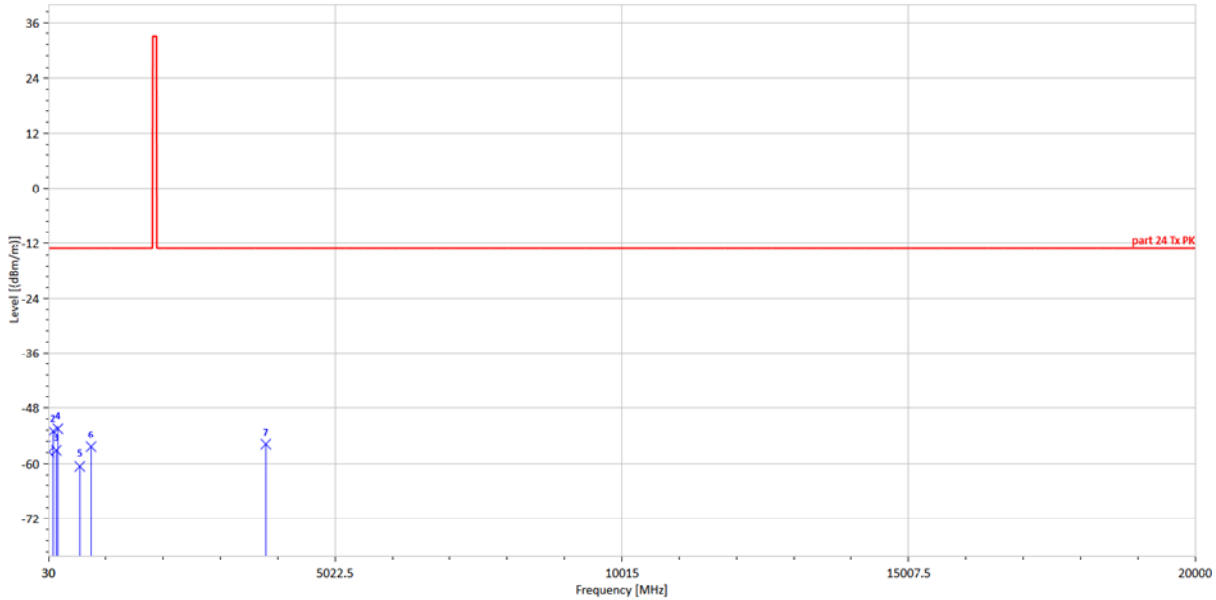
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : HSUPA B2 Test Date : 2018/1/19
 Fundamental Frequency : 1907.6 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH High Test Engineer : Ashton
 EUT Pol. : H 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -57.48 | -40.71 | -15.92 | -0.85 | -13.01 | -44.47 |
| 111.48 | S | -52.92 | -47.90 | -3.56 | -1.46 | -13.01 | -39.91 |
| 165.80 | S | -57.21 | -57.46 | 2.05 | -1.80 | -13.01 | -44.20 |
| 193.93 | S | -52.40 | -54.44 | 4.00 | -1.96 | -13.01 | -39.39 |
| 576.11 | S | -60.61 | -61.29 | 4.15 | -3.48 | -13.01 | -47.60 |
| 772.05 | S | -56.40 | -57.57 | 5.19 | -4.02 | -13.01 | -43.39 |
| 3815.20 | H | -55.87 | -59.38 | 12.49 | -8.98 | -13.01 | -42.86 |

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

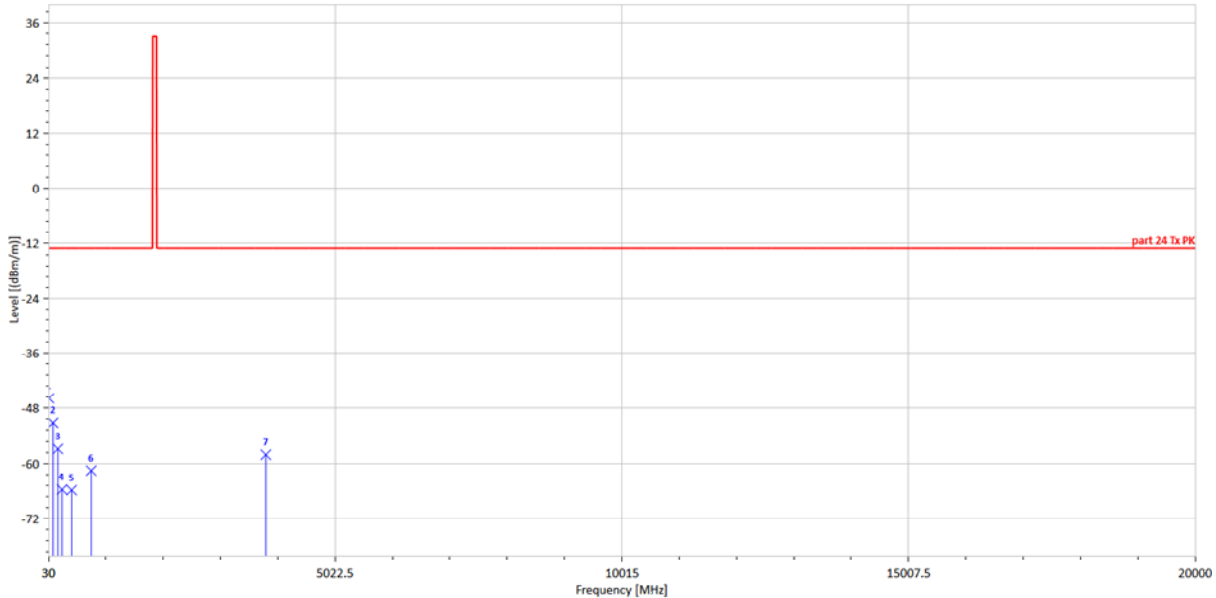
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : HSUPA B2 Test Date : 2018/1/19
 Fundamental Frequency : 1907.6 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH High Test Engineer : Ashton
 EUT Pol. : H 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -45.85 | -29.08 | -15.92 | -0.85 | -13.01 | -32.84 |
| 109.54 | S | -51.16 | -46.11 | -3.60 | -1.45 | -13.01 | -38.15 |
| 192.96 | S | -56.85 | -58.93 | 4.03 | -1.95 | -13.01 | -43.84 |
| 264.74 | S | -65.70 | -65.92 | 2.55 | -2.32 | -13.01 | -52.69 |
| 433.52 | S | -65.83 | -66.32 | 3.48 | -2.99 | -13.01 | -52.82 |
| 773.99 | S | -61.54 | -62.70 | 5.19 | -4.03 | -13.01 | -48.53 |
| 3815.20 | H | -58.12 | -61.63 | 12.49 | -8.98 | -13.01 | -45.11 |

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

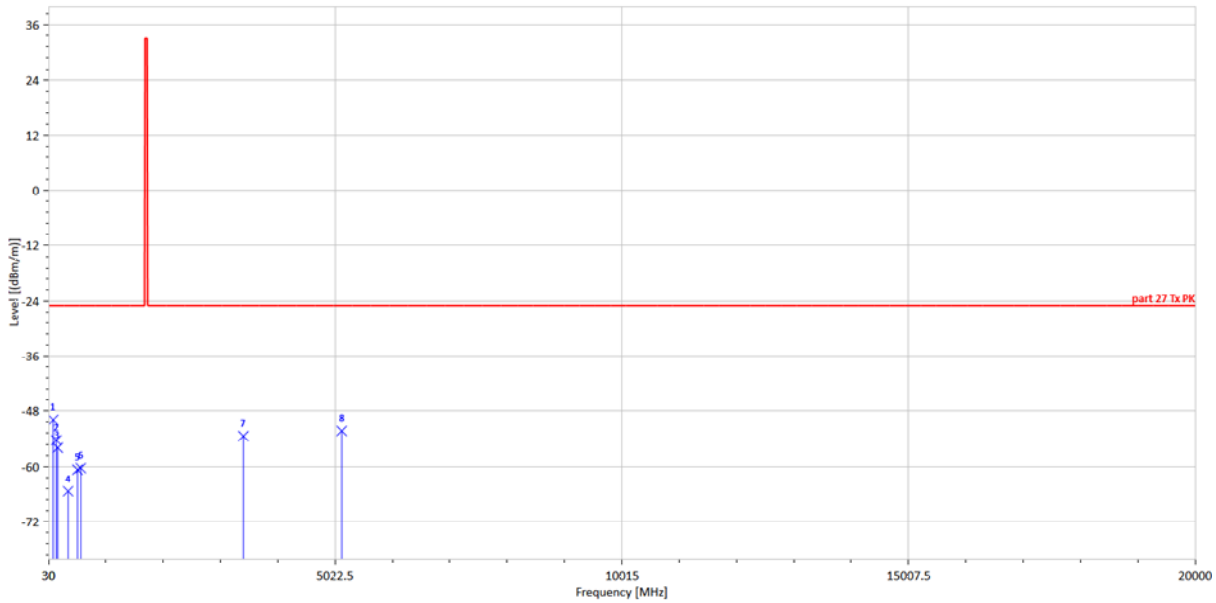
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: WCDMA Band 4 Mode

| | | | |
|-------------------------|------------|----------------------------|----------------|
| Operation Mode : | WCDMA B4 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 1712.4 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Ashton |
| EUT Pol. : | H | 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 | -49.90 | -44.92 | -3.52 | -1.46 | -25 | -24.90 |
| 165.80 | S | -54.30 | -54.55 | 2.05 | -1.80 | -25 | -29.30 |
| 191.02 | S | -55.96 | -58.12 | 4.10 | -1.95 | -25 | -30.96 |
| 371.44 | S | -65.43 | -66.01 | 3.34 | -2.76 | -25 | -40.43 |
| 535.37 | S | -60.68 | -61.30 | 3.99 | -3.37 | -25 | -35.68 |
| 592.60 | S | -60.33 | -61.06 | 4.27 | -3.54 | -25 | -35.33 |
| 3424.80 | H | -53.39 | -56.84 | 12.15 | -8.70 | -25 | -28.39 |
| 5137.20 | H | -52.24 | -54.85 | 12.64 | -10.03 | -25 | -27.24 |

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

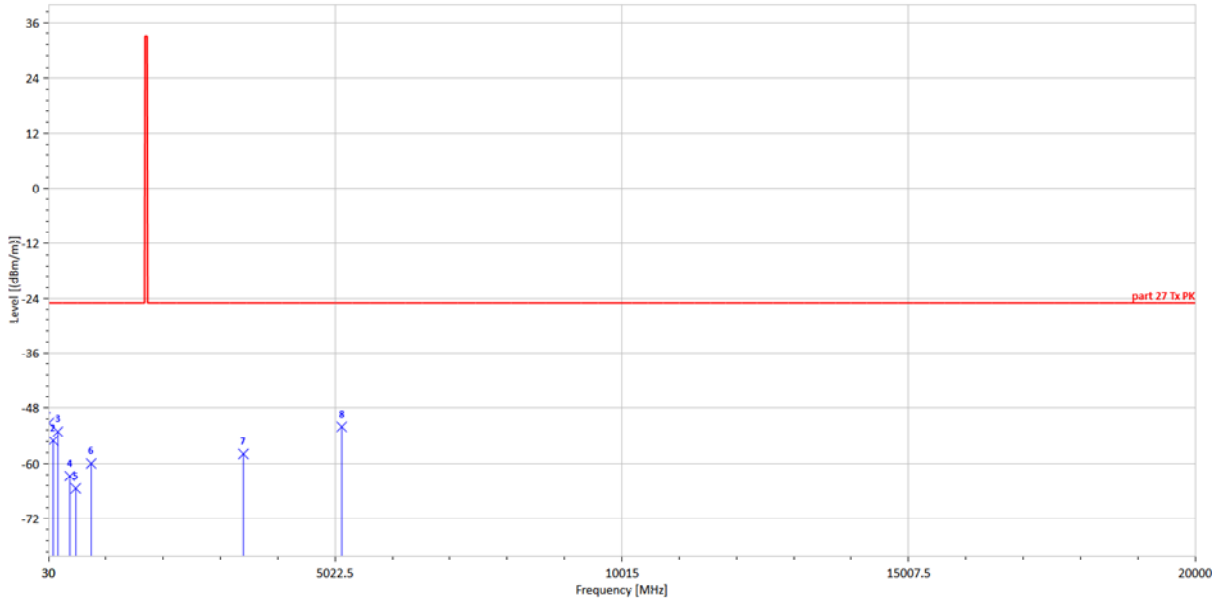
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|------------|----------------------------|----------------|
| Operation Mode : | WCDMA B4 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 1712.4 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Ashton |
| EUT Pol. : | H | Measurement Antenna Pol. : | Horizontal |



| Freq. | Note | ERP/EIRP | SG Output | Antenna | Cable | Limit | Margin |
|---------|---------|----------|--------------|-----------------|------------|--------------|--------|
| MHz | F/H/E/S | dBm | Level dBm | Gain dBd/dBi | Loss dB | @3m dBm/m | dB |
| 37.76 | S | -51.18 | -34.16 | -15.92 | -1.10 | -25 | -26.18 |
| 111.48 | S | -55.07 | -49.65 | -3.56 | -1.86 | -25 | -30.07 |
| 192.96 | S | -53.06 | -54.57 | 4.03 | -2.53 | -25 | -28.06 |
| 401.51 | S | -62.74 | -62.20 | 3.21 | -3.76 | -25 | -37.74 |
| 505.30 | S | -65.46 | -65.28 | 4.03 | -4.22 | -25 | -40.46 |
| 773.99 | S | -60.00 | -59.94 | 5.19 | -5.26 | -25 | -35.00 |
| 3424.80 | H | -57.95 | -61.40 | 12.15 | -8.70 | -25 | -32.95 |
| 5137.20 | H | -52.00 | -54.61 | 12.64 | -10.03 | -25 | -27.00 |

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

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

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

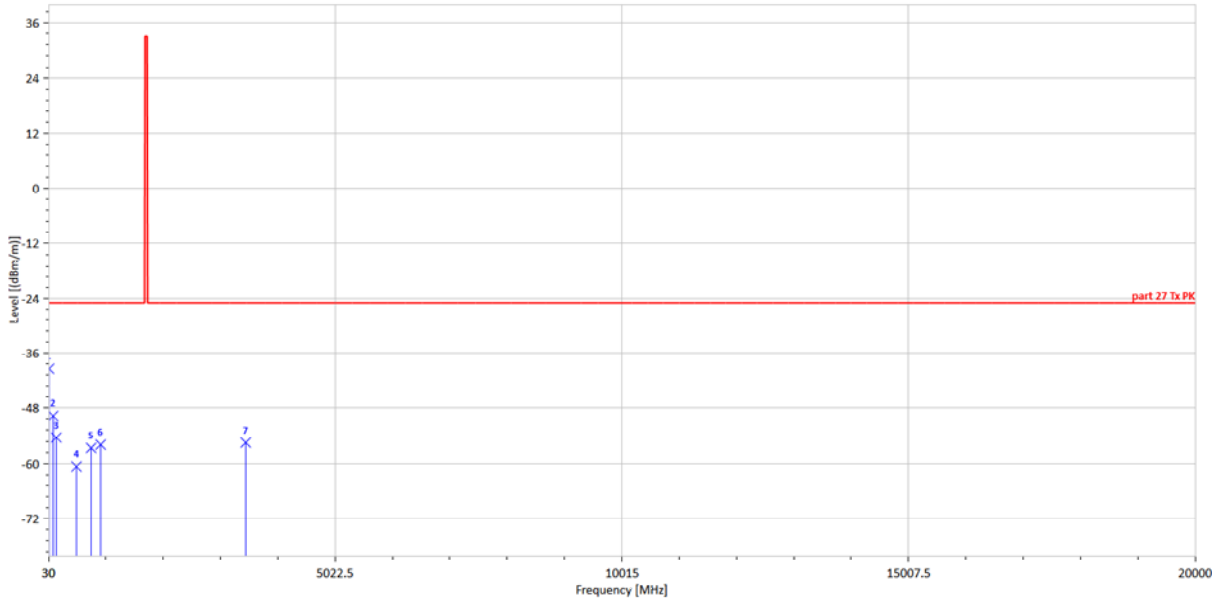
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : WCDMA B4 Test Date : 2018/1/20
 Fundamental Frequency : 1732.6 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH Mid Test Engineer : Ashton
 EUT Pol. : H 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 40.67 | S | -39.44 | -24.98 | -13.59 | -0.87 | -25 | -14.44 |
| 111.48 | S | -49.71 | -44.69 | -3.56 | -1.46 | -25 | -24.71 |
| 164.83 | S | -54.37 | -54.50 | 1.93 | -1.80 | -25 | -29.37 |
| 516.94 | S | -60.64 | -61.37 | 4.02 | -3.29 | -25 | -35.64 |
| 773.02 | S | -56.66 | -57.83 | 5.19 | -4.02 | -25 | -31.66 |
| 937.92 | S | -55.95 | -56.82 | 5.37 | -4.49 | -25 | -30.95 |
| 3465.20 | H | -55.50 | -59.00 | 12.23 | -8.73 | -25 | -30.50 |

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

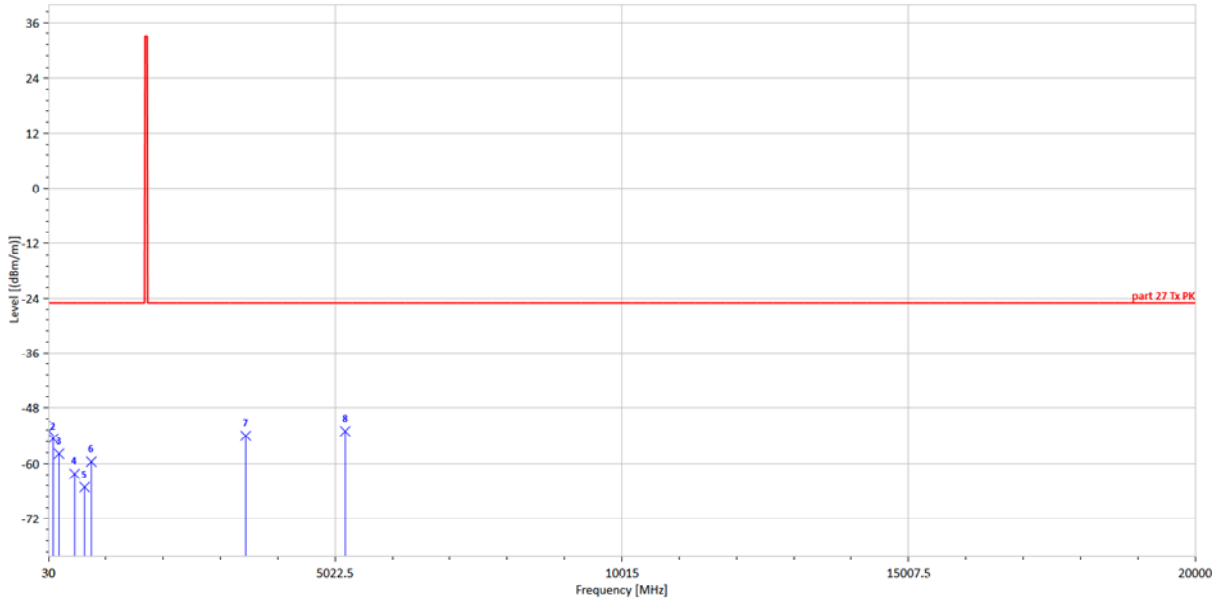
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|------------|----------------------------|----------------|
| Operation Mode : | WCDMA B4 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 1732.6 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Ashton |
| EUT Pol. : | H | Measurement Antenna Pol. : | Horizontal |



| Freq. | Note | ERP/EIRP | SG Output | Antenna | Cable | Limit | Margin |
|---------|---------|----------|--------------|-----------------|------------|--------------|--------|
| MHz | F/H/E/S | dBm | Level dBm | Gain dBd/dBi | Loss dB | @3m dBm/m | dB |
| 35.82 | S | -52.93 | -34.59 | -17.49 | -0.84 | -25 | -27.93 |
| 111.48 | S | -54.62 | -49.61 | -3.56 | -1.46 | -25 | -29.62 |
| 213.33 | S | -57.89 | -59.84 | 4.00 | -2.06 | -25 | -32.89 |
| 484.93 | S | -62.25 | -63.00 | 3.91 | -3.17 | -25 | -37.25 |
| 659.53 | S | -65.18 | -66.17 | 4.70 | -3.72 | -25 | -40.18 |
| 775.93 | S | -59.61 | -60.77 | 5.19 | -4.03 | -25 | -34.61 |
| 3465.20 | H | -53.99 | -57.49 | 12.23 | -8.73 | -25 | -28.99 |
| 5197.80 | H | -52.97 | -55.60 | 12.70 | -10.07 | -25 | -27.97 |

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

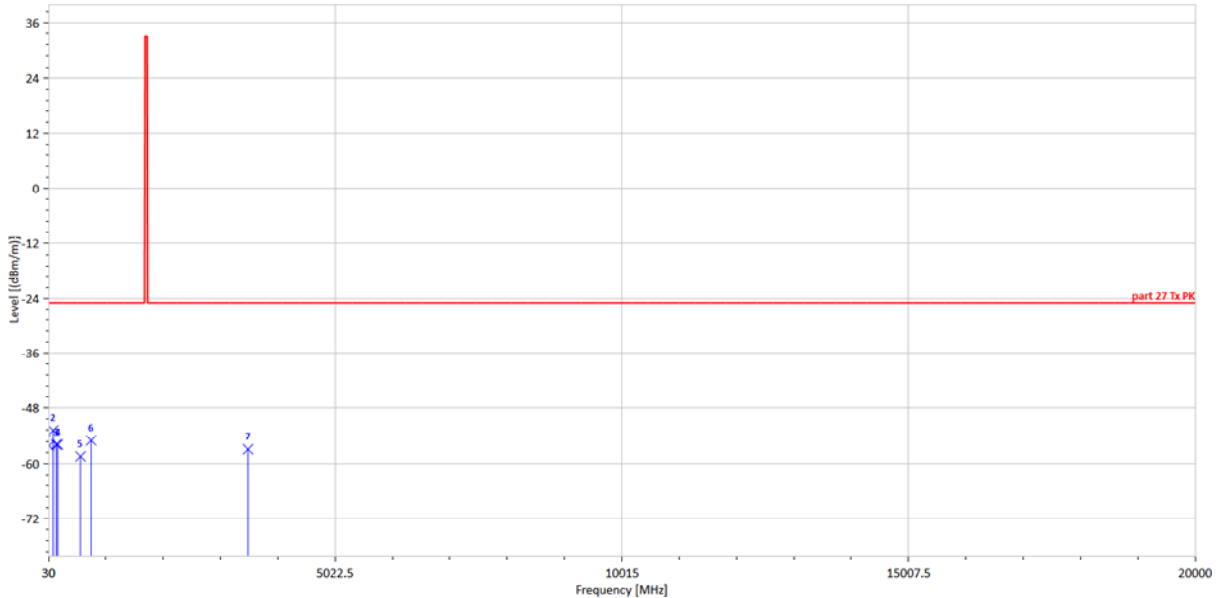
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Operation Mode : WCDMA B4 Test Date : 2018/1/20
 Fundamental Frequency : 1752.6 MHz Temp. / Humi. : 22.7deg_C/57RH
 Operation Band : Tx CH High Test Engineer : Ashton
 EUT Pol. : H 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -56.16 | -39.39 | -15.92 | -0.85 | -25 | -31.16 |
| 111.48 | S | -52.80 | -47.79 | -3.56 | -1.46 | -25 | -27.80 |
| 164.83 | S | -55.90 | -56.04 | 1.93 | -1.80 | -25 | -30.90 |
| 191.99 | S | -55.91 | -58.03 | 4.07 | -1.95 | -25 | -30.91 |
| 587.75 | S | -58.48 | -59.19 | 4.23 | -3.52 | -25 | -33.48 |
| 773.02 | S | -55.02 | -56.19 | 5.19 | -4.02 | -25 | -30.02 |
| 3505.20 | H | -56.93 | -60.47 | 12.30 | -8.76 | -25 | -31.93 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

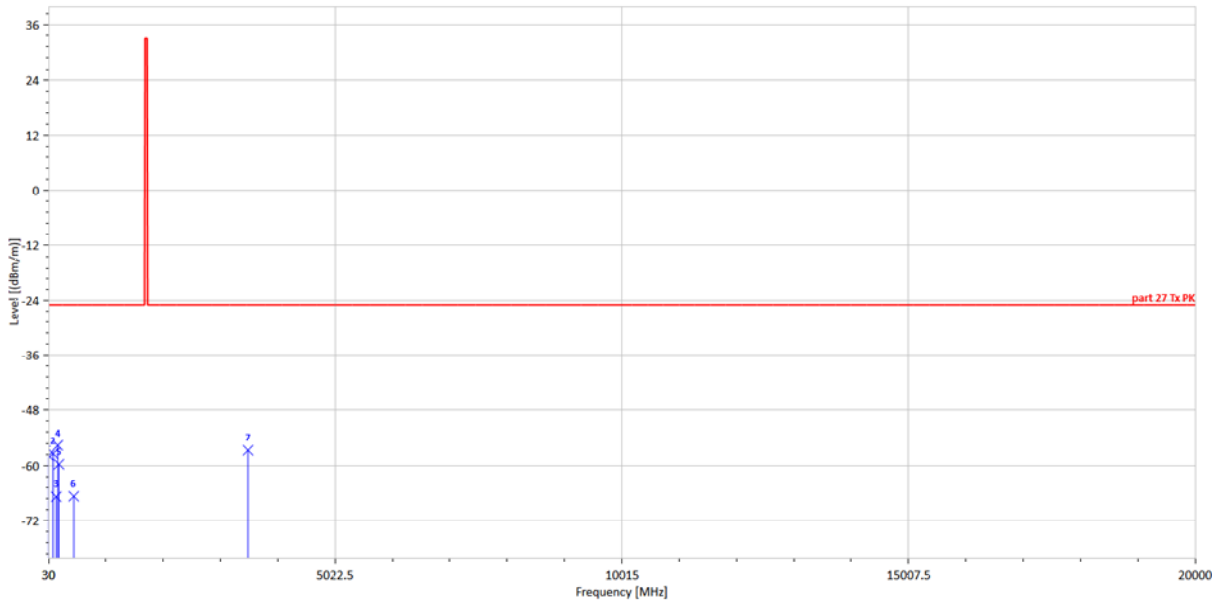
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|------------|----------------------------|----------------|
| Operation Mode : | WCDMA B4 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 1752.6 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Ashton |
| EUT Pol. : | H | 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 | -57.90 | -37.09 | -19.97 | -0.83 | -25 | -32.90 |
| 110.51 | S | -57.45 | -52.40 | -3.59 | -1.45 | -25 | -32.45 |
| 163.86 | S | -66.82 | -66.85 | 1.81 | -1.79 | -25 | -41.82 |
| 191.99 | S | -55.67 | -57.79 | 4.07 | -1.95 | -25 | -30.67 |
| 212.36 | S | -59.72 | -61.67 | 4.00 | -2.05 | -25 | -34.72 |
| 470.38 | S | -66.72 | -67.40 | 3.79 | -3.11 | -25 | -41.72 |
| 3505.20 | H | -56.73 | -60.26 | 12.30 | -8.76 | -25 | -31.73 |

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

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

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

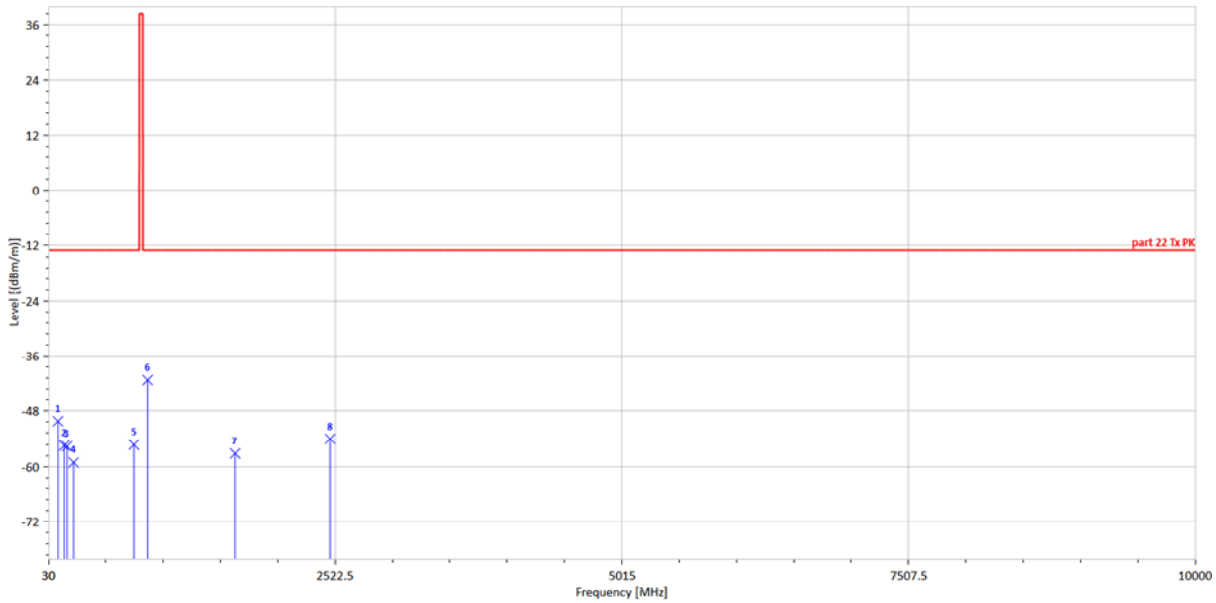
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: WCDMA Band 5 Mode

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| Operation Mode : | WCDMA B5 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 826.4 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Ashton |
| EUT Pol. : | H | 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 | -50.20 | -45.22 | -3.52 | -1.46 | -13 | -37.20 |
| 166.77 | S | -55.45 | -55.81 | 2.17 | -1.81 | -13 | -42.45 |
| 191.02 | S | -55.62 | -57.78 | 4.10 | -1.95 | -13 | -42.62 |
| 248.25 | S | -59.11 | -59.75 | 2.88 | -2.24 | -13 | -46.11 |
| 773.02 | S | -55.27 | -56.43 | 5.19 | -4.02 | -13 | -42.27 |
| 892.33 | S | -41.22 | -42.04 | 5.21 | -4.39 | -13 | -28.22 |
| 1652.80 | H | -57.17 | -57.31 | 6.59 | -6.46 | -13 | -44.17 |
| 2479.20 | H | -54.01 | -54.73 | 8.53 | -7.81 | -13 | -41.01 |

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

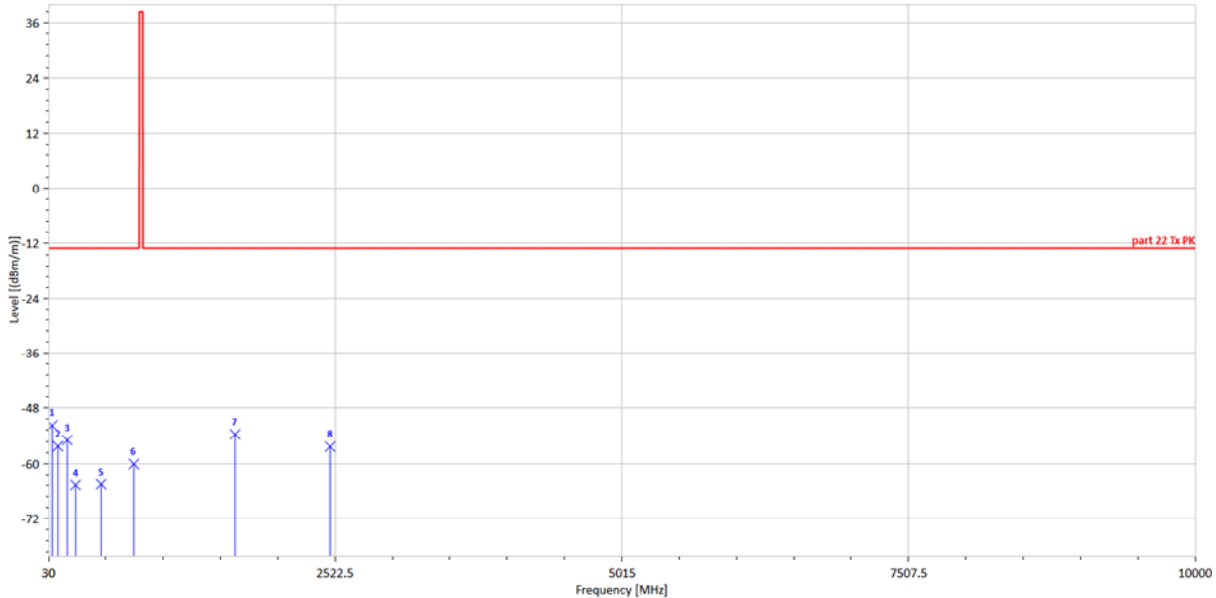
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| Operation Mode : | WCDMA B5 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 826.4 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Ashton |
| EUT Pol. : | H | Measurement Antenna Pol. : | Horizontal |



| Freq. | Note | ERP/EIRP | SG Output | Antenna | Cable | Limit | Margin |
|---------|---------|----------|--------------|-----------------|------------|--------------|--------|
| MHz | F/H/E/S | dBm | Level dBm | Gain dBd/dBi | Loss dB | @3m dBm/m | dB |
| 62.01 | S | -51.76 | -47.76 | -2.93 | -1.07 | -13 | -38.76 |
| 111.48 | S | -56.27 | -51.25 | -3.56 | -1.46 | -13 | -43.27 |
| 192.96 | S | -54.93 | -57.01 | 4.03 | -1.95 | -13 | -41.93 |
| 265.71 | S | -64.75 | -65.07 | 2.65 | -2.32 | -13 | -51.75 |
| 487.84 | S | -64.58 | -65.34 | 3.94 | -3.18 | -13 | -51.58 |
| 772.05 | S | -60.09 | -61.26 | 5.19 | -4.02 | -13 | -47.09 |
| 1652.80 | H | -53.66 | -53.79 | 6.59 | -6.46 | -13 | -40.66 |
| 2479.20 | H | -56.35 | -57.08 | 8.53 | -7.81 | -13 | -43.35 |

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

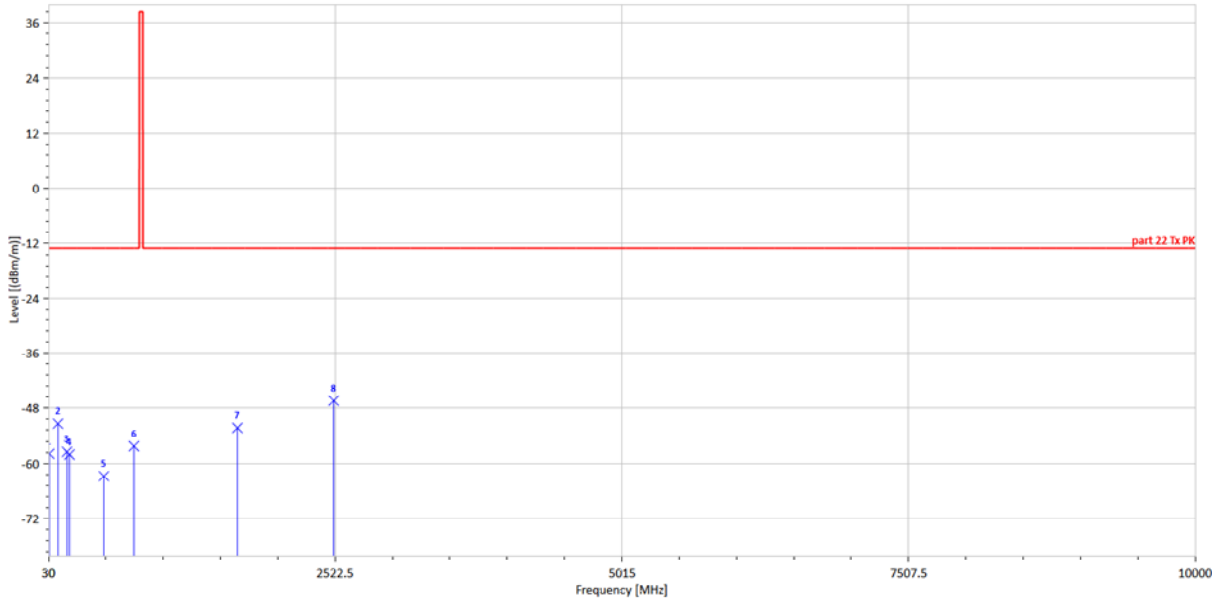
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| Operation Mode : | WCDMA B5 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 836.6 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Ashton |
| EUT Pol. : | H | Measurement Antenna Pol. : | Vertical |



| Freq. | Note | ERP/EIRP | SG Output Level | Antenna Gain | Cable Loss | Limit @3m | Margin |
|---------|---------|----------|-----------------|--------------|------------|-----------|--------|
| MHz | F/H/E/S | dBm | dBm | dBd/dBi | dB | dBm/m | dB |
| 36.79 | S | -57.91 | -40.36 | -16.71 | -0.85 | -13 | -44.91 |
| 112.45 | S | -51.32 | -46.33 | -3.52 | -1.46 | -13 | -38.32 |
| 191.02 | S | -57.48 | -59.64 | 4.10 | -1.95 | -13 | -44.48 |
| 212.36 | S | -58.08 | -60.03 | 4.00 | -2.05 | -13 | -45.08 |
| 511.12 | S | -62.77 | -63.53 | 4.02 | -3.27 | -13 | -49.77 |
| 773.02 | S | -56.28 | -57.44 | 5.19 | -4.02 | -13 | -43.28 |
| 1673.20 | H | -52.24 | -52.41 | 6.68 | -6.50 | -13 | -39.24 |
| 2509.80 | H | -46.39 | -47.11 | 8.56 | -7.84 | -13 | -33.39 |

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

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

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

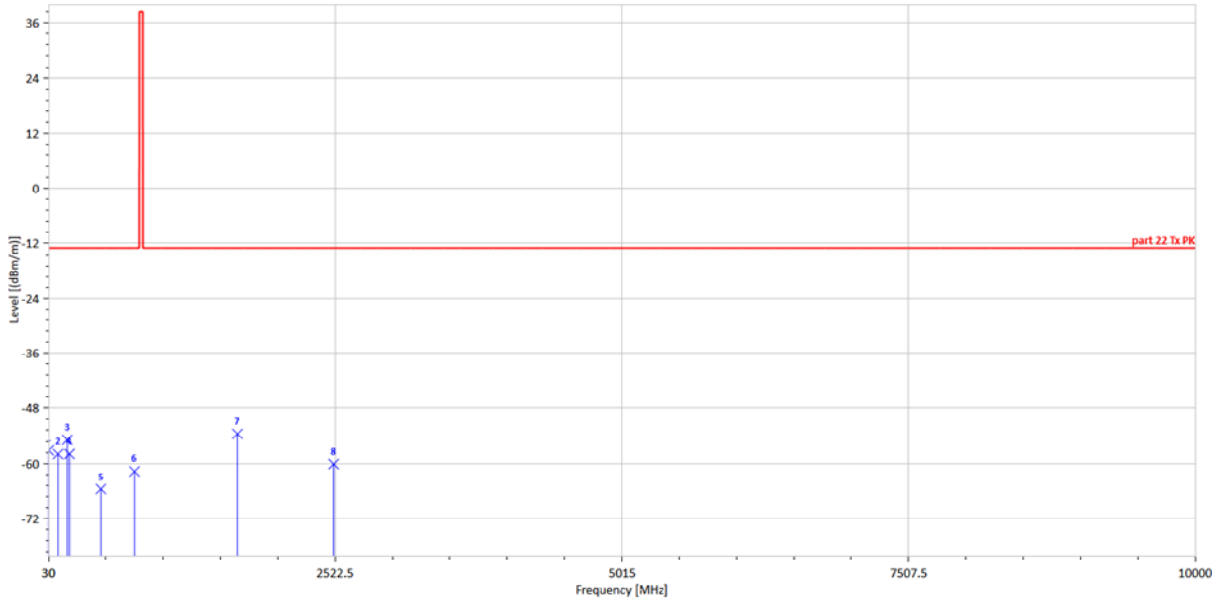
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------|----------------------------|----------------|
| Operation Mode : | WCDMA B5 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 836.6 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Ashton |
| EUT Pol. : | H | Measurement Antenna Pol. : | Horizontal |



| Freq. | Note | ERP/EIRP | SG Output | Antenna | Cable | Limit | Margin |
|---------|---------|----------|--------------|-----------------|------------|--------------|--------|
| MHz | F/H/E/S | dBm | Level dBm | Gain dBd/dBi | Loss dB | @3m dBm/m | dB |
| 31.94 | S | -57.16 | -35.51 | -20.82 | -0.83 | -13 | -44.16 |
| 112.45 | S | -57.96 | -52.98 | -3.52 | -1.46 | -13 | -44.96 |
| 192.96 | S | -54.88 | -56.96 | 4.03 | -1.95 | -13 | -41.88 |
| 212.36 | S | -57.93 | -59.88 | 4.00 | -2.05 | -13 | -44.93 |
| 485.90 | S | -65.58 | -66.32 | 3.92 | -3.17 | -13 | -52.58 |
| 777.87 | S | -61.71 | -62.86 | 5.19 | -4.04 | -13 | -48.71 |
| 1673.20 | H | -53.56 | -53.73 | 6.68 | -6.50 | -13 | -40.56 |
| 2509.80 | H | -60.12 | -60.84 | 8.56 | -7.84 | -13 | -47.12 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

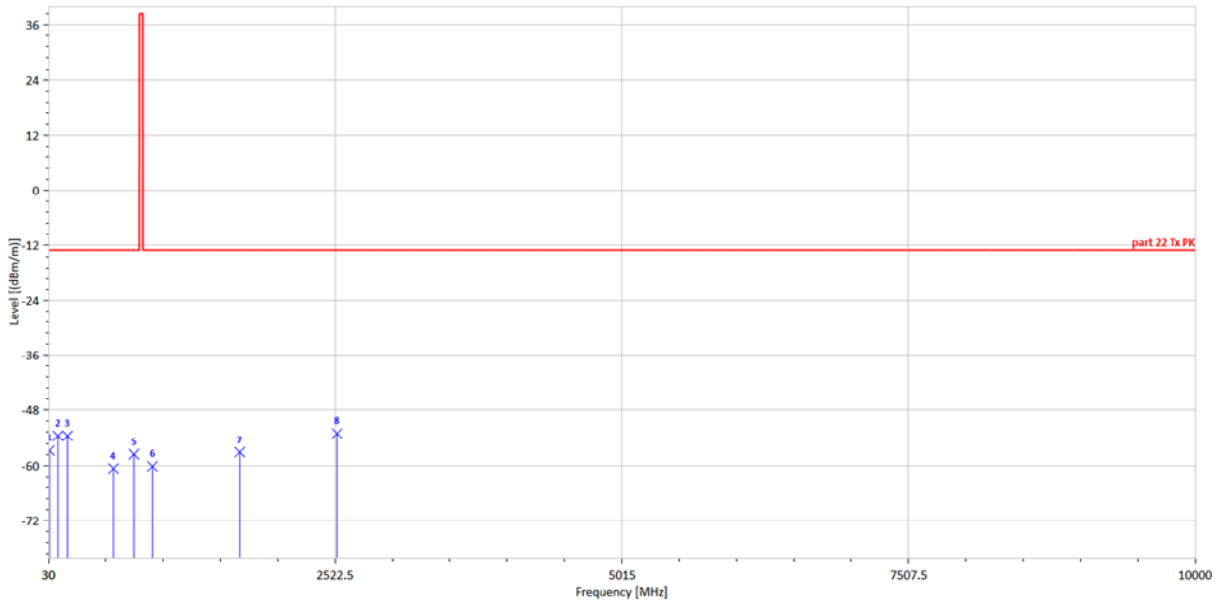
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|------------|----------------------------|----------------|
| Operation Mode : | WCDMA B5 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 846.6 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Ashton |
| EUT Pol. : | H | Measurement Antenna Pol. : | Vertical |



| Freq. | Note | ERP/EIRP | SG Output | Antenna | Cable | Limit | Margin |
|---------|---------|----------|--------------|-----------------|------------|--------------|--------|
| MHz | F/H/E/S | dBm | Level dBm | Gain dBd/dBi | Loss dB | @3m dBm/m | dB |
| 37.76 | S | -56.75 | -39.98 | -15.92 | -0.85 | -13 | -43.75 |
| 111.48 | S | -53.56 | -48.54 | -3.56 | -1.46 | -13 | -40.56 |
| 194.90 | S | -53.56 | -55.56 | 3.96 | -1.96 | -13 | -40.56 |
| 594.54 | S | -60.65 | -61.39 | 4.28 | -3.55 | -13 | -47.65 |
| 773.02 | S | -57.58 | -58.75 | 5.19 | -4.02 | -13 | -44.58 |
| 934.04 | S | -60.18 | -61.06 | 5.36 | -4.48 | -13 | -47.18 |
| 1693.20 | H | -57.13 | -57.35 | 6.76 | -6.55 | -13 | -44.13 |
| 2539.80 | H | -53.05 | -53.77 | 8.60 | -7.87 | -13 | -40.05 |

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

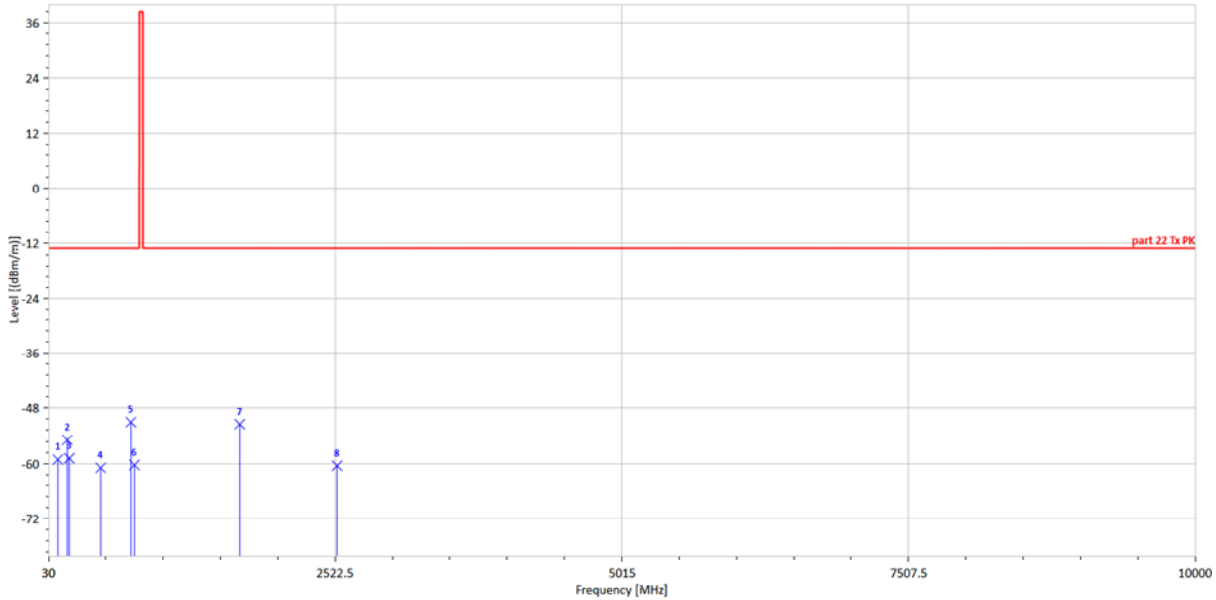
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|------------|----------------------------|----------------|
| Operation Mode : | WCDMA B5 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 846.6 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Ashton |
| EUT Pol. : | H | Measurement Antenna Pol. : | Horizontal |



| Freq. | Note | ERP/EIRP | SG Output Level | Antenna Gain | Cable Loss | Limit @3m | Margin |
|---------|---------|----------|-----------------|--------------|------------|-----------|--------|
| MHz | F/H/E/S | dBm | dBm | dBd/dBi | dB | dBm/m | dB |
| 111.48 | S | -59.14 | -54.12 | -3.56 | -1.46 | -13 | -46.14 |
| 192.96 | S | -54.91 | -56.98 | 4.03 | -1.95 | -13 | -41.91 |
| 211.39 | S | -58.88 | -60.83 | 4.00 | -2.05 | -13 | -45.88 |
| 483.96 | S | -60.92 | -61.66 | 3.91 | -3.17 | -13 | -47.92 |
| 746.83 | S | -51.03 | -52.26 | 5.15 | -3.93 | -13 | -38.03 |
| 776.90 | S | -60.29 | -61.44 | 5.19 | -4.04 | -13 | -47.29 |
| 1693.20 | H | -51.45 | -51.67 | 6.76 | -6.55 | -13 | -38.45 |
| 2539.80 | H | -60.45 | -61.17 | 8.60 | -7.87 | -13 | -47.45 |

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

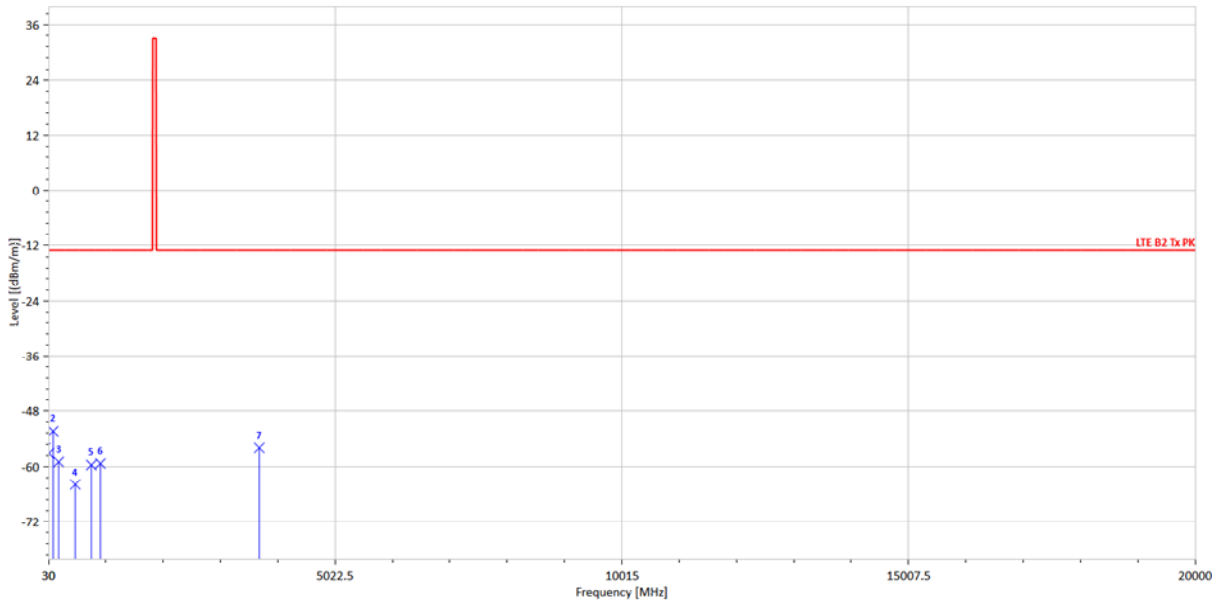
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 2

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB2 1.4M 16QAM 1.5 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 1850.7 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -57.18 | -42.43 | -13.90 | -0.85 | -13 | -44.18 |
| 111.48 | S | -52.31 | -49.25 | -1.59 | -1.46 | -13 | -39.31 |
| 207.51 | S | -59.01 | -62.96 | 5.97 | -2.03 | -13 | -46.01 |
| 496.57 | S | -63.93 | -67.19 | 6.47 | -3.22 | -13 | -50.93 |
| 776.90 | S | -59.67 | -63.38 | 7.74 | -4.04 | -13 | -46.67 |
| 934.04 | S | -59.35 | -62.81 | 7.94 | -4.48 | -13 | -46.35 |
| 3701.40 | H | -56.00 | -59.52 | 12.42 | -8.90 | -13 | -43.00 |

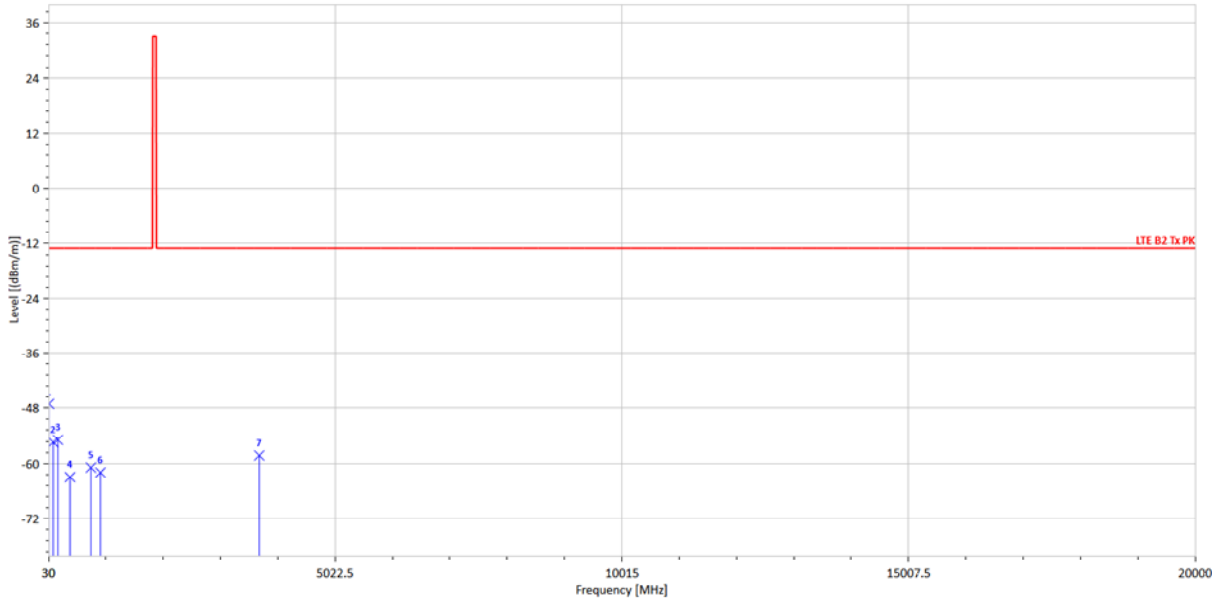
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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

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

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB2 1.4M 16QAM 1.5 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 1850.7 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 38.73 | S | -47.08 | -33.17 | -13.06 | -0.85 | -13 | -34.08 |
| 111.48 | S | -55.40 | -52.34 | -1.59 | -1.46 | -13 | -42.40 |
| 192.96 | S | -54.89 | -58.77 | 5.84 | -1.95 | -13 | -41.89 |
| 404.42 | S | -62.98 | -65.89 | 5.80 | -2.89 | -13 | -49.98 |
| 769.14 | S | -60.88 | -64.61 | 7.73 | -4.01 | -13 | -47.88 |
| 935.01 | S | -61.94 | -65.40 | 7.94 | -4.49 | -13 | -48.94 |
| 3701.40 | H | -58.29 | -61.81 | 12.42 | -8.90 | -13 | -45.29 |

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

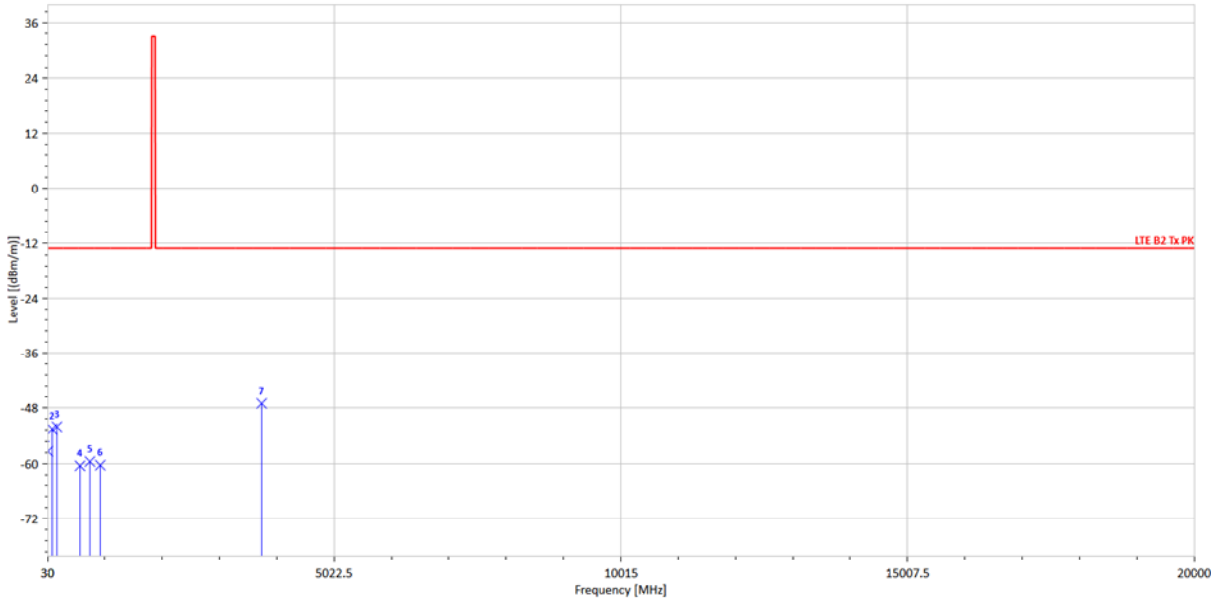
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB2 1.4M 16QAM 1.5 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 1880 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -57.38 | -42.62 | -13.90 | -0.85 | -13 | -44.38 |
| 112.45 | S | -52.49 | -49.47 | -1.55 | -1.46 | -13 | -39.49 |
| 193.93 | S | -52.02 | -55.89 | 5.82 | -1.96 | -13 | -39.02 |
| 596.48 | S | -60.48 | -63.87 | 6.94 | -3.56 | -13 | -47.48 |
| 769.14 | S | -59.56 | -63.29 | 7.73 | -4.01 | -13 | -46.56 |
| 949.56 | S | -60.34 | -63.78 | 7.96 | -4.52 | -13 | -47.34 |
| 3760.00 | H | -47.00 | -50.51 | 12.46 | -8.94 | -13 | -34.00 |

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

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

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

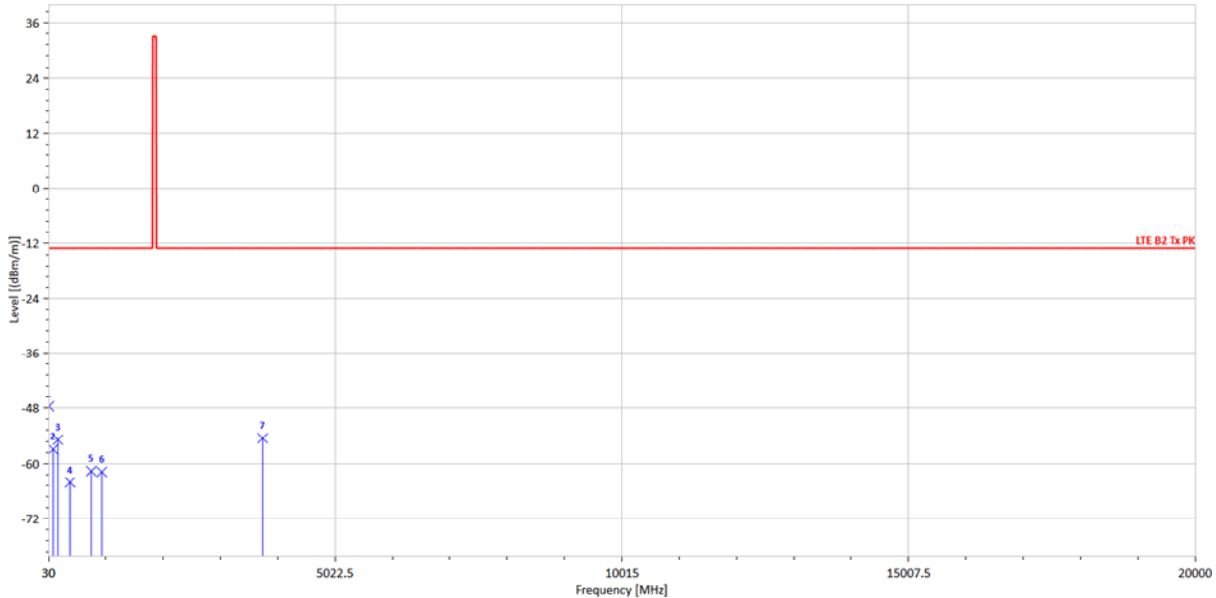
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB2 1.4M 16QAM 1.5 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 1880 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -47.62 | -32.87 | -13.90 | -0.85 | -13 | -34.62 |
| 111.48 | S | -56.93 | -53.87 | -1.59 | -1.46 | -13 | -43.93 |
| 192.96 | S | -54.85 | -58.74 | 5.84 | -1.95 | -13 | -41.85 |
| 405.39 | S | -64.13 | -67.04 | 5.81 | -2.90 | -13 | -51.13 |
| 774.96 | S | -61.64 | -65.35 | 7.74 | -4.03 | -13 | -48.64 |
| 958.29 | S | -61.82 | -65.27 | 7.99 | -4.54 | -13 | -48.82 |
| 3760.00 | H | -54.51 | -58.03 | 12.46 | -8.94 | -13 | -41.51 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

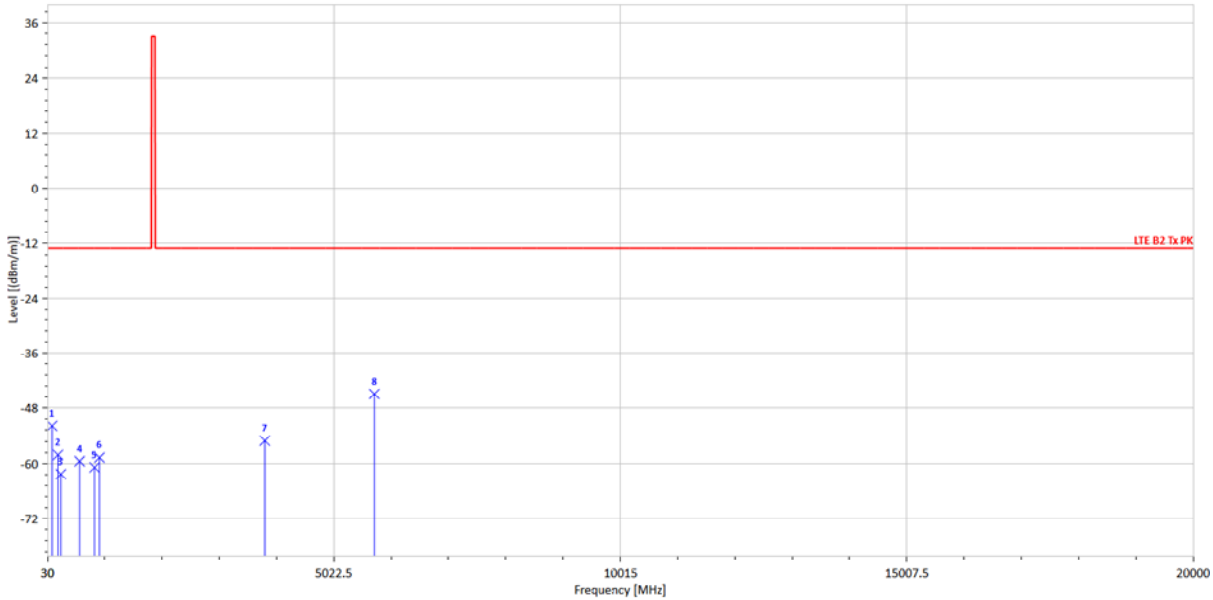
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB2 1.4M 16QAM 1.5 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 1909.3 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -51.81 | -48.75 | -1.59 | -1.46 | -13 | -38.81 |
| 213.33 | S | -58.15 | -62.24 | 6.16 | -2.06 | -13 | -45.15 |
| 263.77 | S | -62.31 | -64.82 | 4.82 | -2.32 | -13 | -49.31 |
| 590.66 | S | -59.51 | -62.87 | 6.89 | -3.53 | -13 | -46.51 |
| 850.62 | S | -60.85 | -64.38 | 7.80 | -4.27 | -13 | -47.85 |
| 936.95 | S | -58.73 | -62.19 | 7.95 | -4.49 | -13 | -45.73 |
| 3818.60 | H | -55.08 | -58.59 | 12.49 | -8.98 | -13 | -42.08 |
| 5727.90 | H | -44.89 | -47.46 | 13.05 | -10.48 | -13 | -31.89 |

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

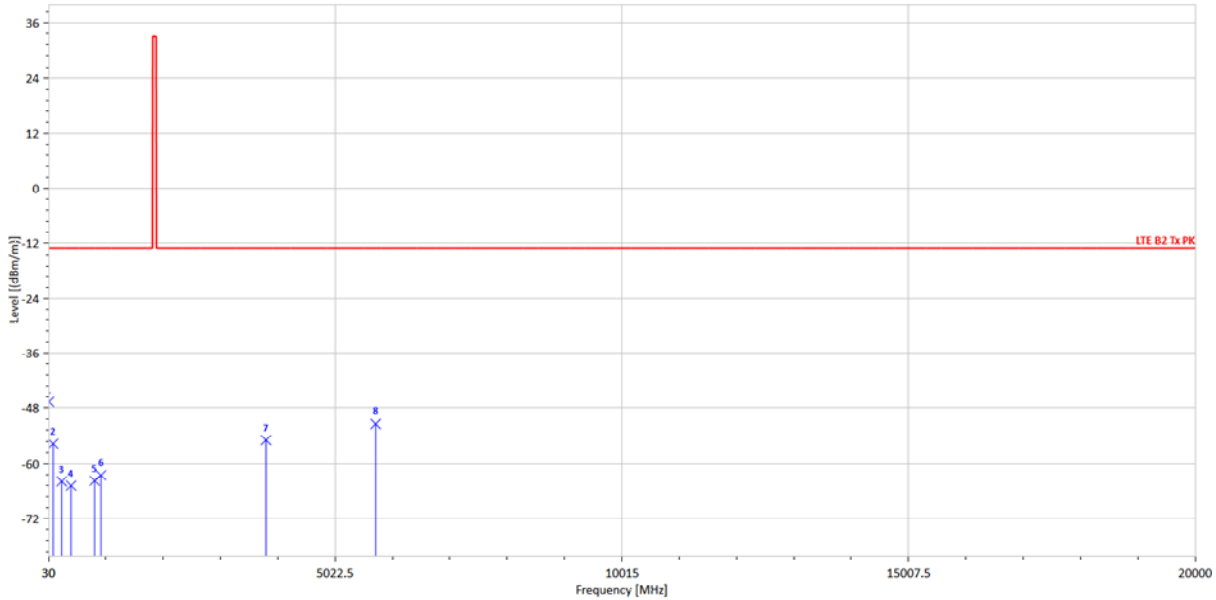
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB2 1.4M 16QAM 1.5 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 1909.3 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|------------------------|--------------|
| 37.76 | S | -46.65 | -31.90 | -13.90 | -0.85 | -13 | -33.65 |
| 111.48 | S | -55.76 | -52.70 | -1.59 | -1.46 | -13 | -42.76 |
| 259.89 | S | -63.93 | -66.14 | 4.52 | -2.30 | -13 | -50.93 |
| 423.82 | S | -64.86 | -67.89 | 6.00 | -2.96 | -13 | -51.86 |
| 833.16 | S | -63.77 | -67.34 | 7.79 | -4.21 | -13 | -50.77 |
| 943.74 | S | -62.55 | -65.99 | 7.96 | -4.51 | -13 | -49.55 |
| 3818.60 | H | -54.95 | -58.46 | 12.49 | -8.98 | -13 | -41.95 |
| 5727.90 | H | -51.38 | -53.95 | 13.05 | -10.48 | -13 | -38.38 |

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

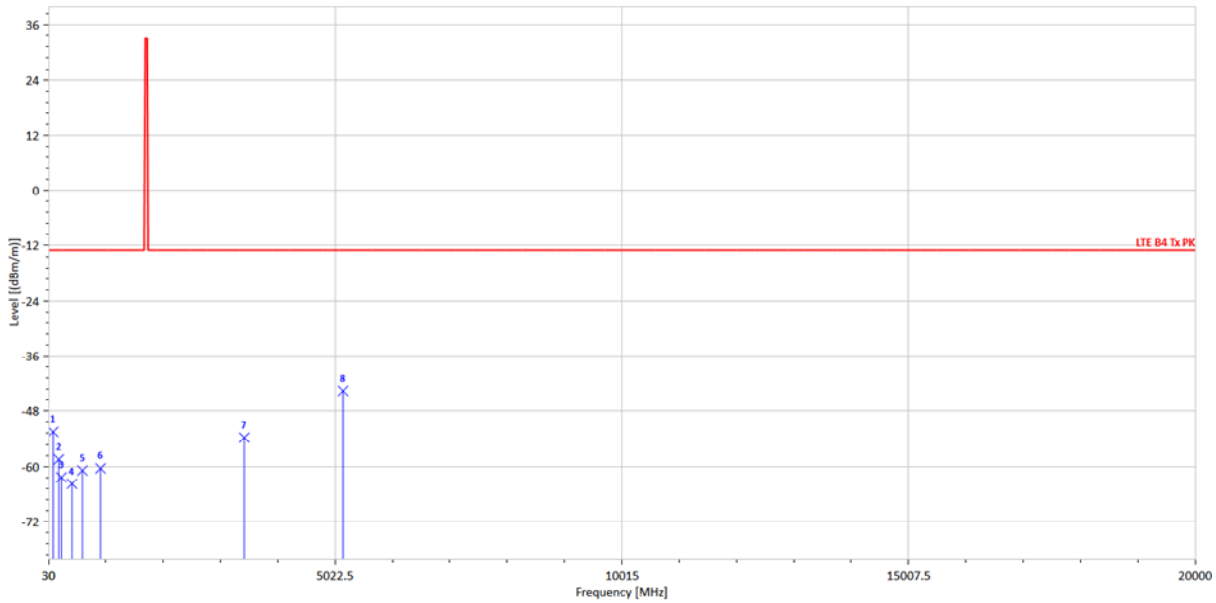
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 4

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB4 20M 16QAM 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 1720 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -52.43 | -49.37 | -1.59 | -1.46 | -13 | -39.43 |
| 209.45 | S | -58.46 | -62.45 | 6.04 | -2.04 | -13 | -45.46 |
| 255.04 | S | -62.35 | -64.91 | 4.84 | -2.28 | -13 | -49.35 |
| 439.34 | S | -63.78 | -66.93 | 6.16 | -3.01 | -13 | -50.78 |
| 620.73 | S | -60.87 | -64.29 | 7.05 | -3.63 | -13 | -47.87 |
| 936.95 | S | -60.40 | -63.86 | 7.95 | -4.49 | -13 | -47.40 |
| 3440.00 | H | -53.72 | -52.92 | 12.18 | -12.98 | -13 | -40.72 |
| 5160.00 | H | -43.53 | -41.30 | 12.66 | -14.89 | -13 | -30.53 |

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

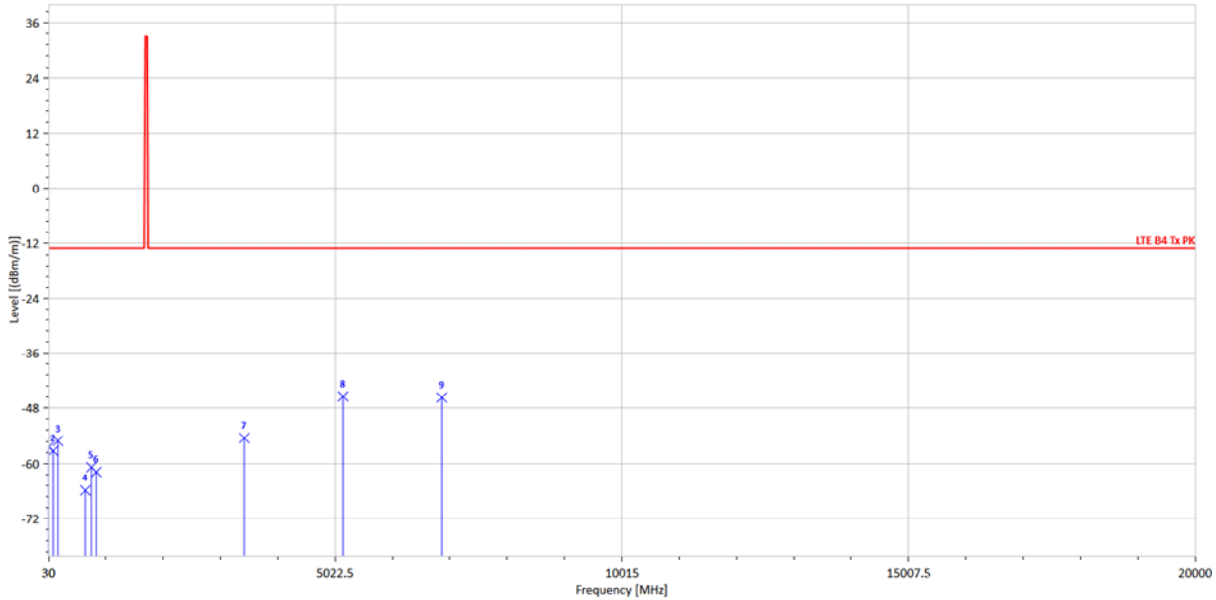
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB4 20M 16QAM 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 1720 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -56.40 | -37.57 | -18.00 | -0.83 | -13 | -43.40 |
| 111.48 | S | -57.28 | -54.22 | -1.59 | -1.46 | -13 | -44.28 |
| 192.96 | S | -55.11 | -59.00 | 5.84 | -1.95 | -13 | -42.11 |
| 672.14 | S | -65.88 | -69.55 | 7.41 | -3.75 | -13 | -52.88 |
| 776.90 | S | -60.80 | -64.51 | 7.74 | -4.04 | -13 | -47.80 |
| 863.23 | S | -61.83 | -65.33 | 7.82 | -4.32 | -13 | -48.83 |
| 3440.00 | H | -54.46 | -53.66 | 12.18 | -12.98 | -13 | -41.46 |
| 5160.00 | H | -45.43 | -43.20 | 12.66 | -14.89 | -13 | -32.43 |
| 6880.00 | H | -45.68 | -42.15 | 12.07 | -15.60 | -13 | -32.68 |

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

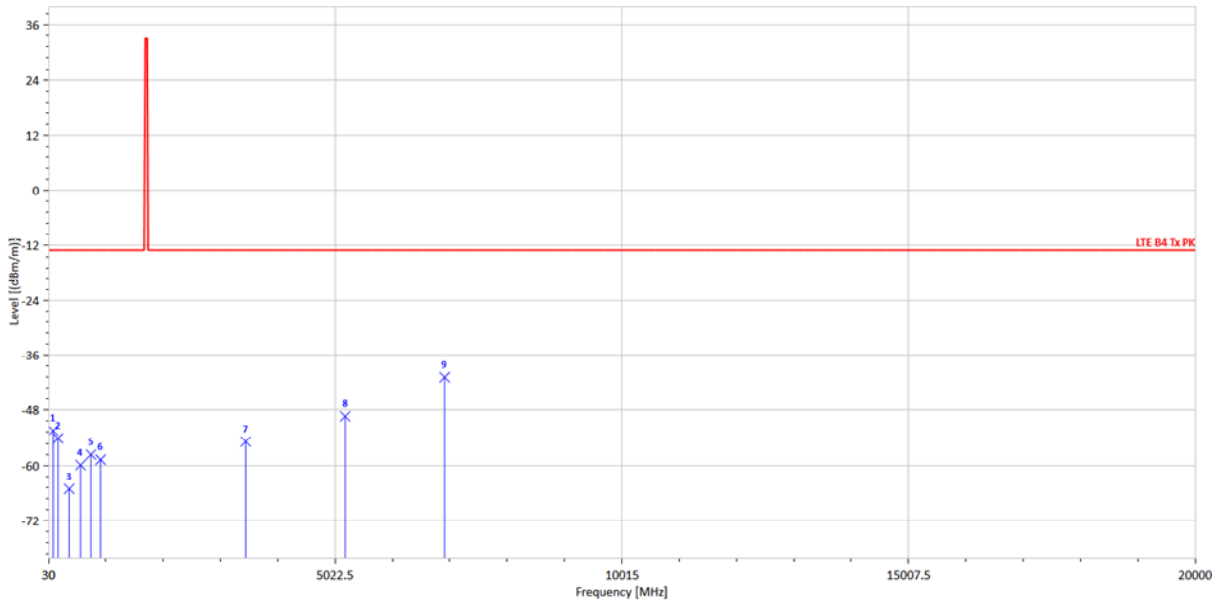
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB4 20M 16QAM 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 1732.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -52.44 | -49.39 | -1.59 | -1.46 | -13 | -39.44 |
| 194.90 | S | -54.11 | -57.96 | 5.81 | -1.96 | -13 | -41.11 |
| 390.84 | S | -65.12 | -68.08 | 5.80 | -2.83 | -13 | -52.12 |
| 588.72 | S | -59.91 | -63.26 | 6.87 | -3.52 | -13 | -46.91 |
| 769.14 | S | -57.64 | -61.36 | 7.73 | -4.01 | -13 | -44.64 |
| 936.95 | S | -58.74 | -62.20 | 7.95 | -4.49 | -13 | -45.74 |
| 3465.00 | H | -54.83 | -54.03 | 12.23 | -13.03 | -13 | -41.83 |
| 5197.50 | H | -49.35 | -47.14 | 12.70 | -14.91 | -13 | -36.35 |
| 6930.00 | H | -40.83 | -37.25 | 12.04 | -15.62 | -13 | -27.83 |

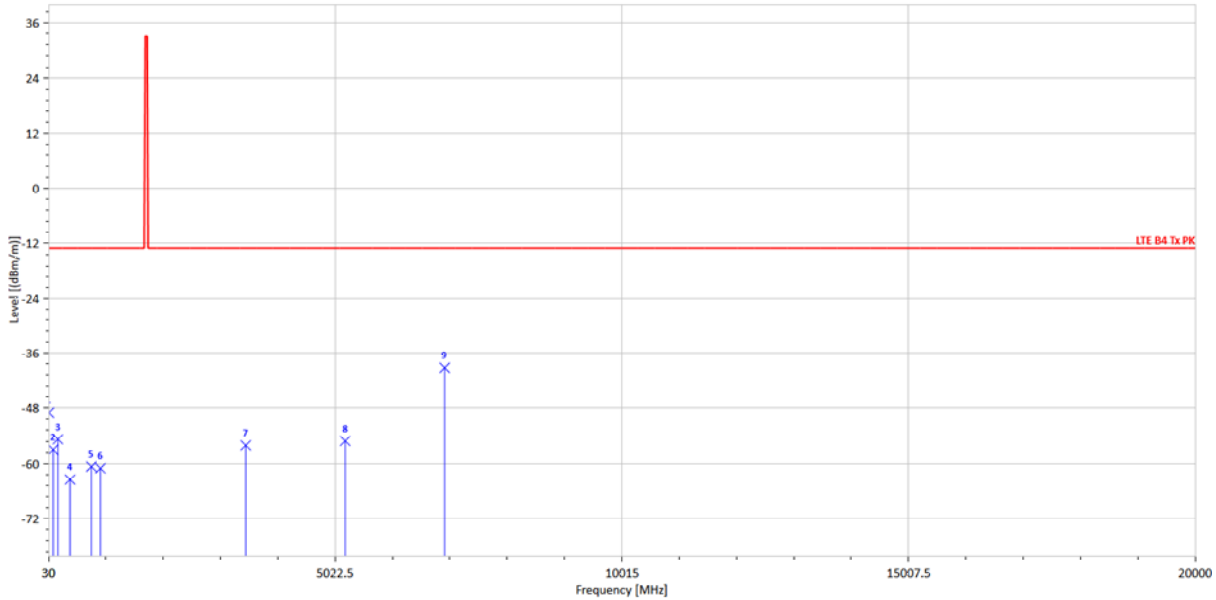
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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

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

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB4 20M 16QAM 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 1732.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -48.99 | -34.24 | -13.90 | -0.85 | -13 | -35.99 |
| 111.48 | S | -57.05 | -54.00 | -1.59 | -1.46 | -13 | -44.05 |
| 192.96 | S | -54.76 | -58.64 | 5.84 | -1.95 | -13 | -41.76 |
| 405.39 | S | -63.51 | -66.42 | 5.81 | -2.90 | -13 | -50.51 |
| 776.90 | S | -60.65 | -64.36 | 7.74 | -4.04 | -13 | -47.65 |
| 935.01 | S | -61.02 | -64.48 | 7.94 | -4.49 | -13 | -48.02 |
| 3465.00 | H | -56.11 | -55.31 | 12.23 | -13.03 | -13 | -43.11 |
| 5197.50 | H | -55.14 | -52.93 | 12.70 | -14.91 | -13 | -42.14 |
| 6930.00 | H | -39.25 | -35.67 | 12.04 | -15.62 | -13 | -26.25 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

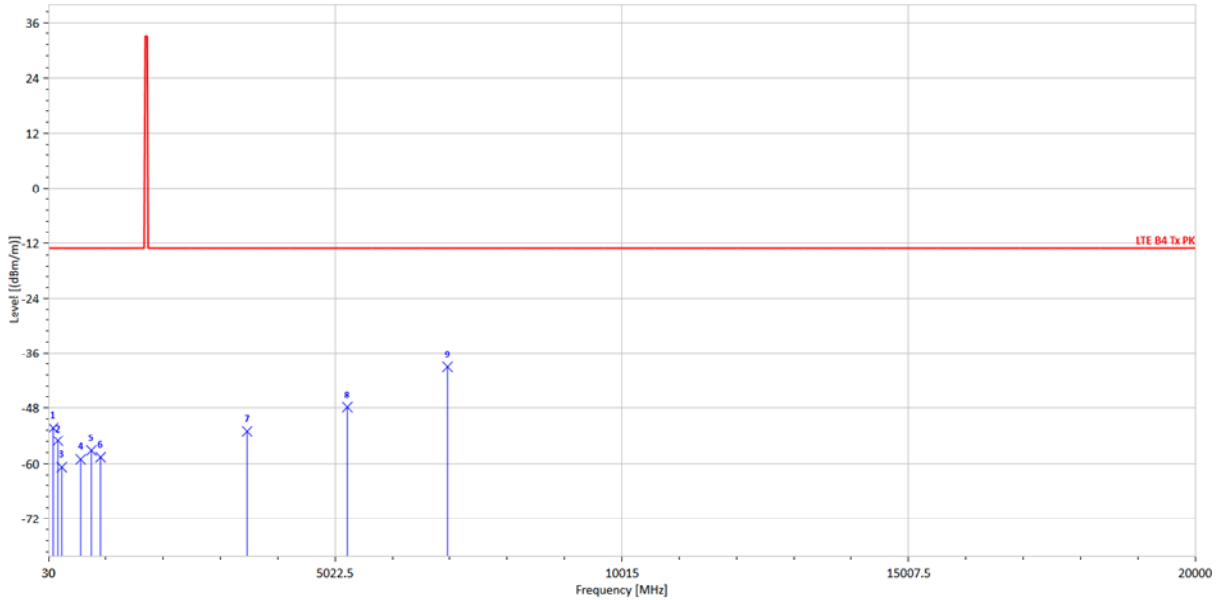
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB4 20M 16QAM 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 1745 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -52.25 | -49.24 | -1.55 | -1.46 | -13 | -39.25 |
| 193.93 | S | -55.10 | -58.96 | 5.82 | -1.96 | -13 | -42.10 |
| 261.83 | S | -60.78 | -63.13 | 4.66 | -2.31 | -13 | -47.78 |
| 590.66 | S | -59.10 | -62.46 | 6.89 | -3.53 | -13 | -46.10 |
| 775.93 | S | -57.21 | -60.92 | 7.74 | -4.03 | -13 | -44.21 |
| 936.95 | S | -58.65 | -62.11 | 7.95 | -4.49 | -13 | -45.65 |
| 3490.00 | H | -52.96 | -52.15 | 12.28 | -13.09 | -13 | -39.96 |
| 5235.00 | H | -47.80 | -45.61 | 12.73 | -14.93 | -13 | -34.80 |
| 6980.00 | H | -39.05 | -35.42 | 12.01 | -15.64 | -13 | -26.05 |

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

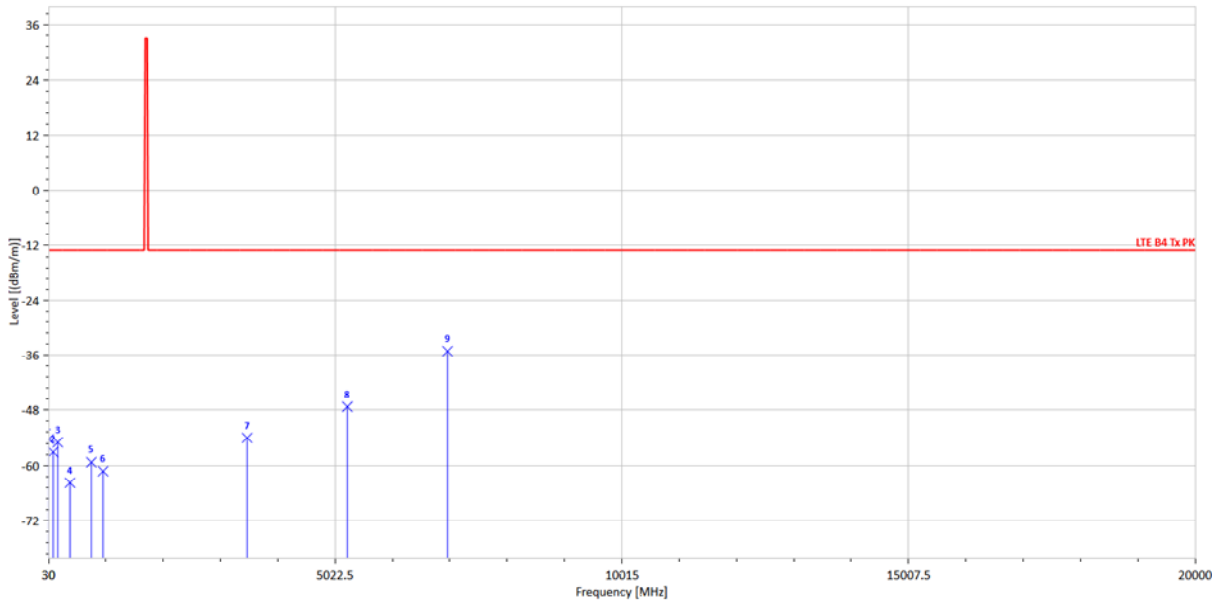
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB4 20M 16QAM 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 1745 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -54.29 | -37.02 | -16.43 | -0.84 | -13 | -41.29 |
| 111.48 | S | -57.10 | -54.05 | -1.59 | -1.46 | -13 | -44.10 |
| 191.99 | S | -54.98 | -58.88 | 5.85 | -1.95 | -13 | -41.98 |
| 404.42 | S | -63.78 | -66.68 | 5.80 | -2.89 | -13 | -50.78 |
| 776.90 | S | -59.30 | -63.01 | 7.74 | -4.04 | -13 | -46.30 |
| 980.60 | S | -61.23 | -64.68 | 8.05 | -4.60 | -13 | -48.23 |
| 3490.00 | H | -54.00 | -53.19 | 12.28 | -13.09 | -13 | -41.00 |
| 5235.00 | H | -47.27 | -45.08 | 12.73 | -14.93 | -13 | -34.27 |
| 6980.00 | H | -35.13 | -31.50 | 12.01 | -15.64 | -13 | -22.13 |

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

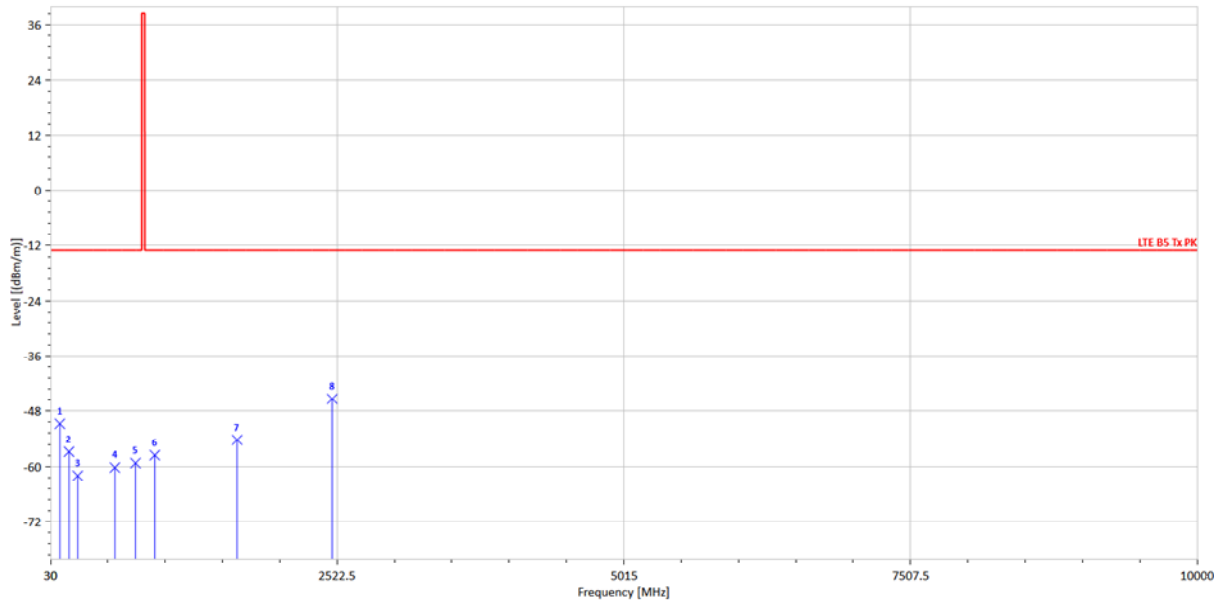
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 5

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB5 5M 16QAM 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 826.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -50.71 | -45.69 | -3.56 | -1.46 | -13 | -37.71 |
| 191.02 | S | -56.81 | -58.97 | 4.10 | -1.95 | -13 | -43.81 |
| 266.68 | S | -62.00 | -62.42 | 2.75 | -2.33 | -13 | -49.00 |
| 589.69 | S | -60.23 | -60.95 | 4.25 | -3.53 | -13 | -47.23 |
| 769.14 | S | -59.27 | -60.44 | 5.18 | -4.01 | -13 | -46.27 |
| 936.95 | S | -57.56 | -58.43 | 5.37 | -4.49 | -13 | -44.56 |
| 1653.00 | H | -54.22 | -53.12 | 6.59 | -7.70 | -13 | -41.22 |
| 2479.50 | H | -45.31 | -43.42 | 8.53 | -10.42 | -13 | -32.31 |

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

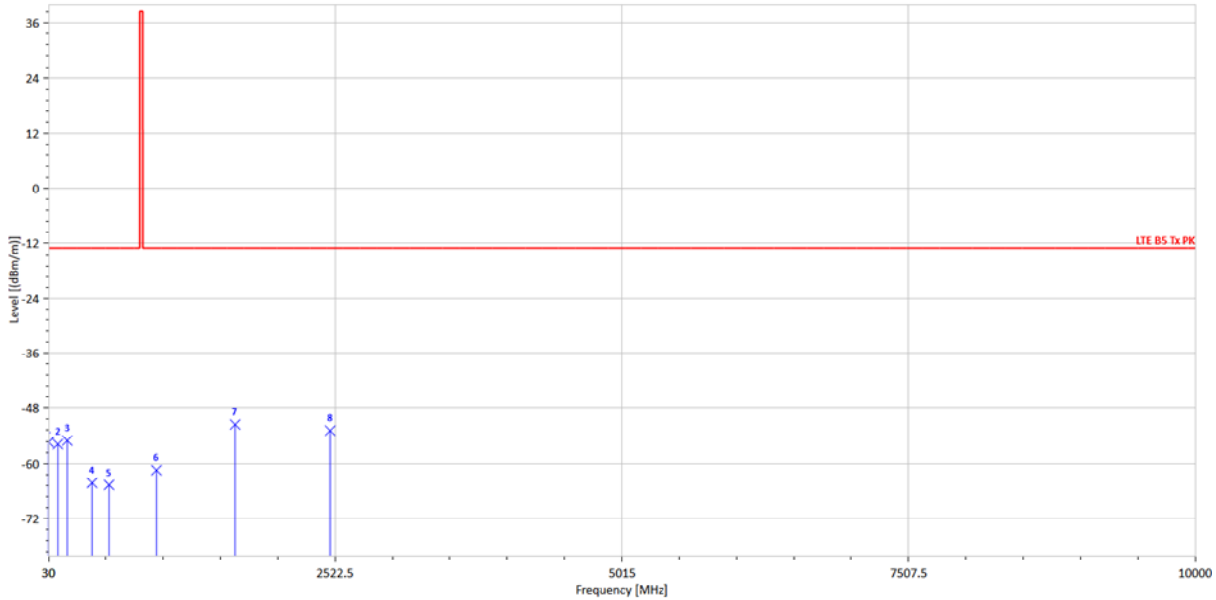
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB5 5M 16QAM 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 826.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -55.39 | -32.91 | -21.66 | -0.82 | -13 | -42.39 |
| 111.48 | S | -55.82 | -50.80 | -3.56 | -1.46 | -13 | -42.82 |
| 192.96 | S | -55.05 | -57.13 | 4.03 | -1.95 | -13 | -42.05 |
| 409.27 | S | -64.26 | -64.62 | 3.28 | -2.92 | -13 | -51.26 |
| 556.71 | S | -64.69 | -65.28 | 4.02 | -3.42 | -13 | -51.69 |
| 968.96 | S | -61.43 | -62.32 | 5.47 | -4.58 | -13 | -48.43 |
| 1653.00 | H | -51.51 | -50.41 | 6.59 | -7.70 | -13 | -38.51 |
| 2479.50 | H | -52.84 | -50.95 | 8.53 | -10.42 | -13 | -39.84 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

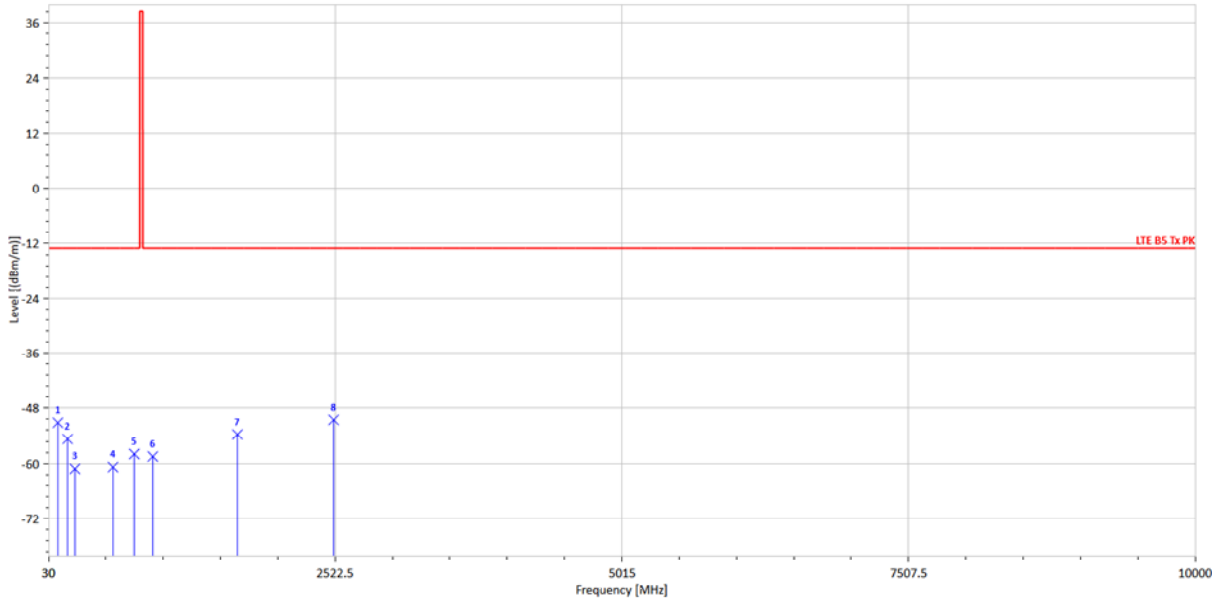
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB5 5M 16QAM 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 836.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -51.13 | -46.11 | -3.56 | -1.46 | -13 | -38.13 |
| 195.87 | S | -54.69 | -56.65 | 3.93 | -1.97 | -13 | -41.69 |
| 259.89 | S | -61.13 | -60.90 | 2.07 | -2.30 | -13 | -48.13 |
| 590.66 | S | -60.77 | -61.49 | 4.25 | -3.53 | -13 | -47.77 |
| 775.93 | S | -57.96 | -59.12 | 5.19 | -4.03 | -13 | -44.96 |
| 936.95 | S | -58.49 | -59.36 | 5.37 | -4.49 | -13 | -45.49 |
| 1673.00 | H | -53.69 | -52.60 | 6.68 | -7.77 | -13 | -40.69 |
| 2509.50 | H | -50.51 | -48.56 | 8.56 | -10.51 | -13 | -37.51 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

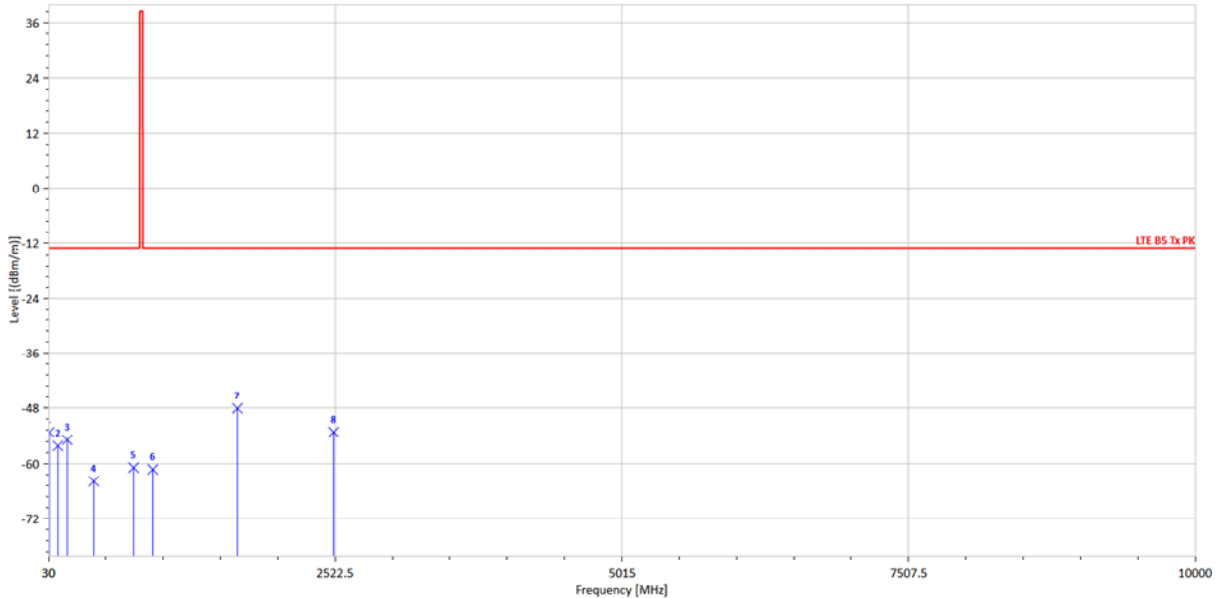
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB5 5M 16QAM 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 836.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | Measurement Antenna Pol. : | Horizontal |



| Freq. | Note | ERP/EIRP | SG Output | Antenna | Cable | Limit | Margin |
|---------|---------|----------|-----------|---------|--------|-------|--------|
| MHz | F/H/E/S | dBm | dBm | dBd/dBi | dB | dBm/m | dB |
| 36.79 | S | -53.22 | -35.67 | -16.71 | -0.85 | -13 | -40.22 |
| 111.48 | S | -56.19 | -51.17 | -3.56 | -1.46 | -13 | -43.19 |
| 192.96 | S | -54.89 | -56.96 | 4.03 | -1.95 | -13 | -41.89 |
| 423.82 | S | -63.89 | -64.33 | 3.40 | -2.96 | -13 | -50.89 |
| 770.11 | S | -60.89 | -62.06 | 5.18 | -4.01 | -13 | -47.89 |
| 936.95 | S | -61.28 | -62.15 | 5.37 | -4.49 | -13 | -48.28 |
| 1673.00 | H | -48.04 | -46.94 | 6.68 | -7.77 | -13 | -35.04 |
| 2509.50 | H | -53.17 | -51.22 | 8.56 | -10.51 | -13 | -40.17 |

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

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

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

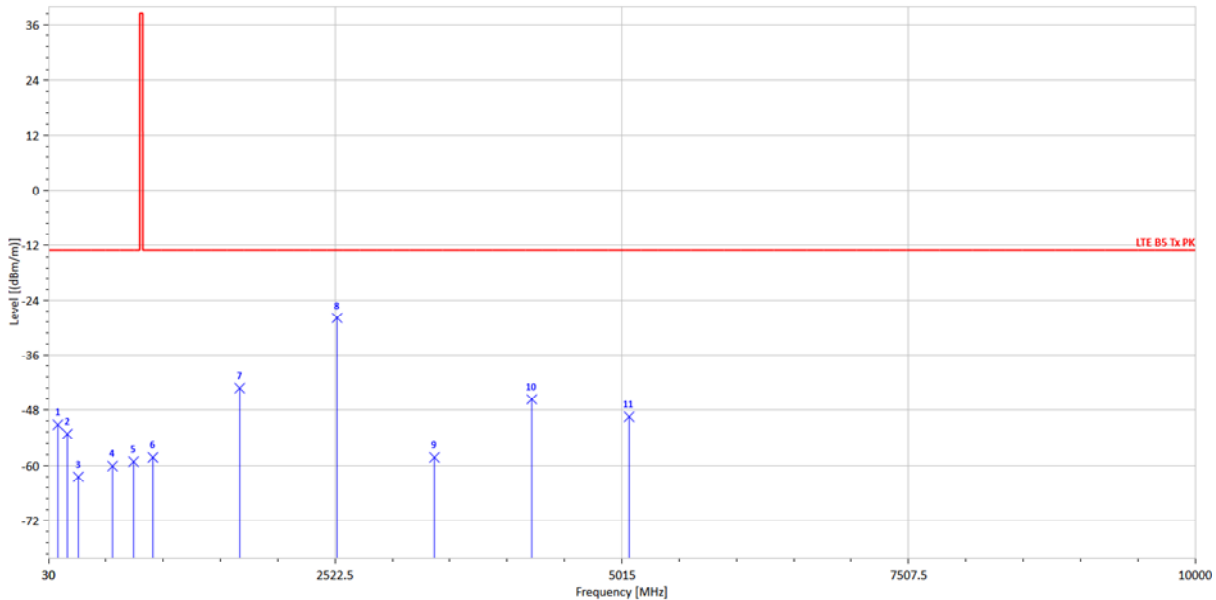
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB5 5M 16QAM 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 846.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -51.14 | -46.12 | -3.56 | -1.46 | -13 | -38.14 |
| 193.93 | S | -53.13 | -55.17 | 4.00 | -1.96 | -13 | -40.13 |
| 289.96 | S | -62.47 | -63.46 | 3.41 | -2.42 | -13 | -49.47 |
| 586.78 | S | -60.13 | -60.84 | 4.23 | -3.52 | -13 | -47.13 |
| 770.11 | S | -59.17 | -60.34 | 5.18 | -4.01 | -13 | -46.17 |
| 937.92 | S | -58.27 | -59.14 | 5.37 | -4.49 | -13 | -45.27 |
| 1693.00 | H | -43.16 | -42.08 | 6.76 | -7.84 | -13 | -30.16 |
| 2539.50 | H | -27.93 | -25.93 | 8.60 | -10.59 | -13 | -14.93 |
| 3386.00 | H | -58.26 | -55.32 | 9.92 | -12.86 | -13 | -45.26 |
| 4232.50 | H | -45.63 | -41.87 | 10.45 | -14.21 | -13 | -32.63 |
| 5079.00 | H | -49.42 | -45.00 | 10.43 | -14.85 | -13 | -36.42 |

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

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

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

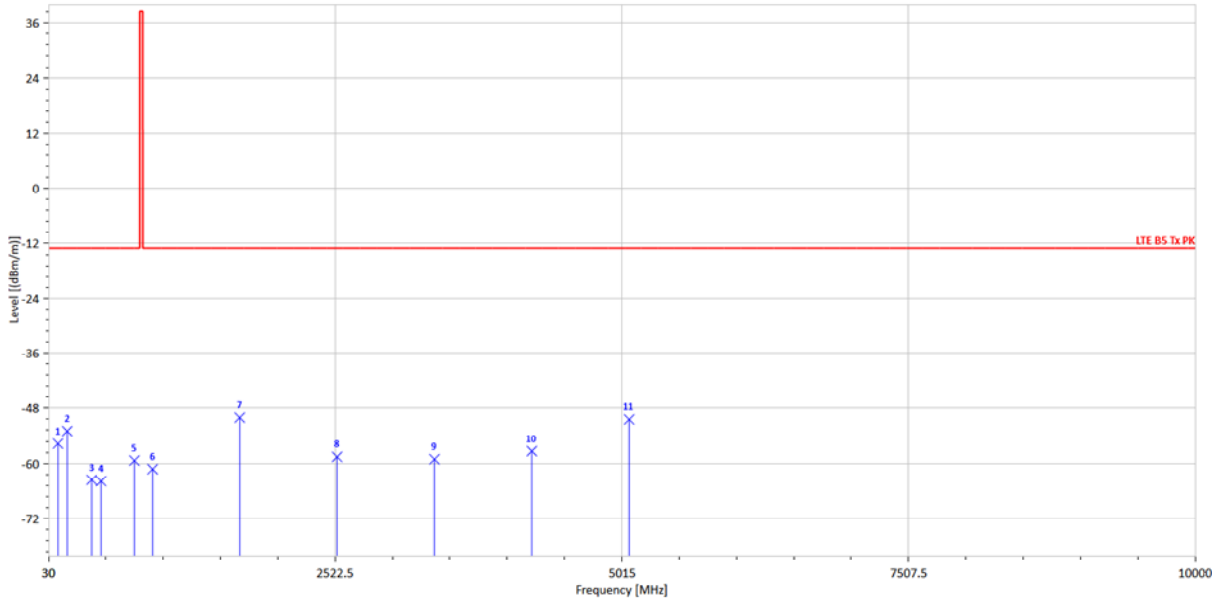
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB5 5M 16QAM 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 846.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 112.45 | S | -55.71 | -50.72 | -3.52 | -1.46 | -13 | -42.71 |
| 192.96 | S | -52.95 | -55.03 | 4.03 | -1.95 | -13 | -39.95 |
| 405.39 | S | -63.57 | -63.92 | 3.25 | -2.90 | -13 | -50.57 |
| 486.87 | S | -63.86 | -64.62 | 3.93 | -3.18 | -13 | -50.86 |
| 776.90 | S | -59.37 | -60.52 | 5.19 | -4.04 | -13 | -46.37 |
| 935.01 | S | -61.23 | -62.11 | 5.36 | -4.49 | -13 | -48.23 |
| 1693.00 | H | -50.03 | -48.94 | 6.76 | -7.84 | -13 | -37.03 |
| 2539.50 | H | -58.57 | -56.57 | 8.60 | -10.59 | -13 | -45.57 |
| 3386.00 | H | -59.09 | -56.15 | 9.92 | -12.86 | -13 | -46.09 |
| 4232.50 | H | -57.34 | -53.58 | 10.45 | -14.21 | -13 | -44.34 |
| 5079.00 | H | -50.42 | -46.01 | 10.43 | -14.85 | -13 | -37.42 |

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

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

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

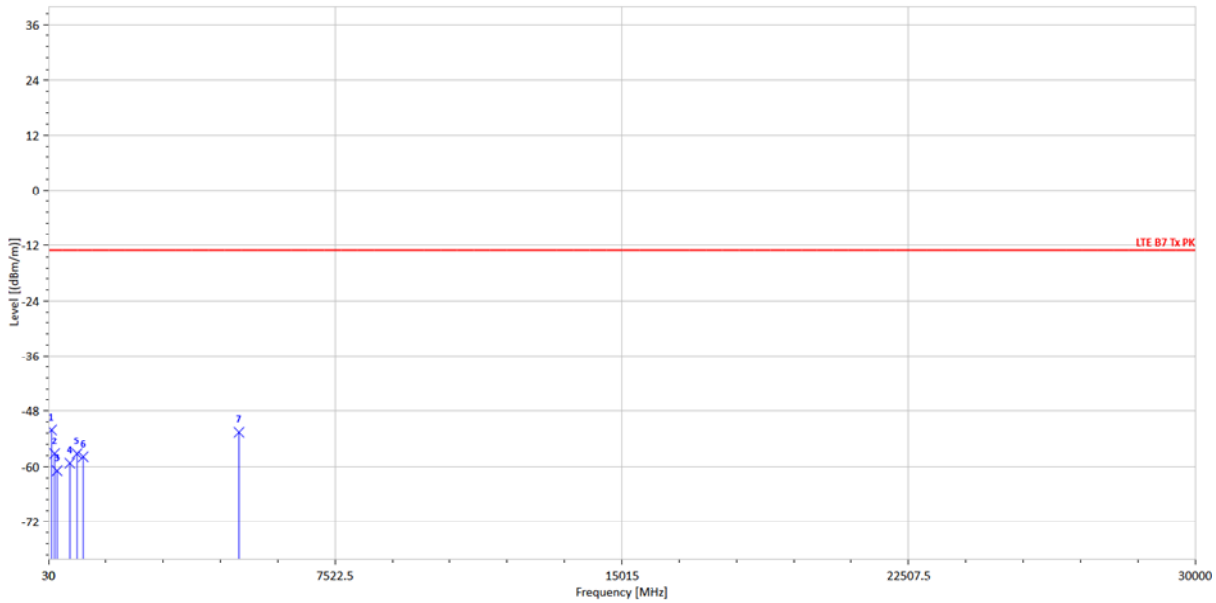
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 7

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB7 10M 16QAM 1.49 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2505 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -52.03 | -48.97 | -1.59 | -1.46 | -25 | -27.03 |
| 190.05 | S | -57.24 | -61.18 | 5.88 | -1.94 | -25 | -32.24 |
| 255.04 | S | -60.89 | -63.45 | 4.84 | -2.28 | -25 | -35.89 |
| 588.72 | S | -59.28 | -62.63 | 6.87 | -3.52 | -25 | -34.28 |
| 776.90 | S | -57.27 | -60.98 | 7.74 | -4.04 | -25 | -32.27 |
| 936.95 | S | -57.92 | -61.37 | 7.95 | -4.49 | -25 | -32.92 |
| 5010.00 | H | -52.51 | -55.09 | 12.51 | -9.93 | -25 | -27.51 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

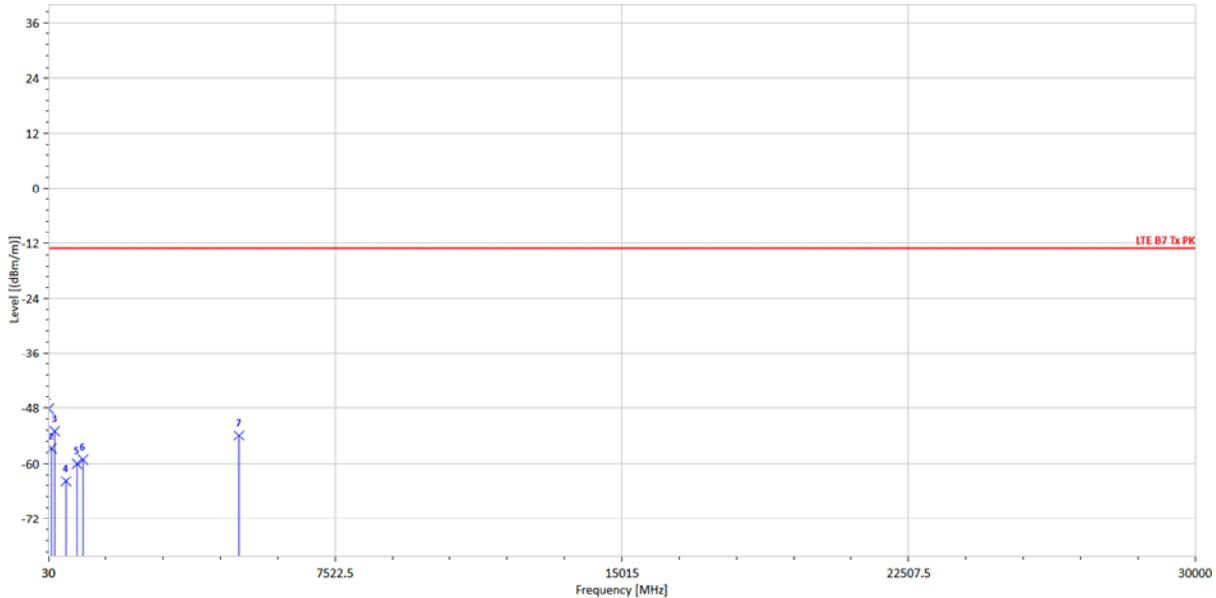
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB7 10M 16QAM 1.49 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2505 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -48.14 | -33.39 | -13.90 | -0.85 | -25 | -23.14 |
| 111.48 | S | -56.77 | -53.72 | -1.59 | -1.46 | -25 | -31.77 |
| 192.96 | S | -52.92 | -56.80 | 5.84 | -1.95 | -25 | -27.92 |
| 489.78 | S | -63.91 | -67.17 | 6.45 | -3.19 | -13.01 | -50.90 |
| 776.90 | S | -60.04 | -63.74 | 7.74 | -4.04 | -25 | -35.04 |
| 935.01 | S | -59.17 | -62.62 | 7.94 | -4.49 | -25 | -34.17 |
| 5010.00 | H | -53.91 | -56.49 | 12.51 | -9.93 | -25 | -28.91 |

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

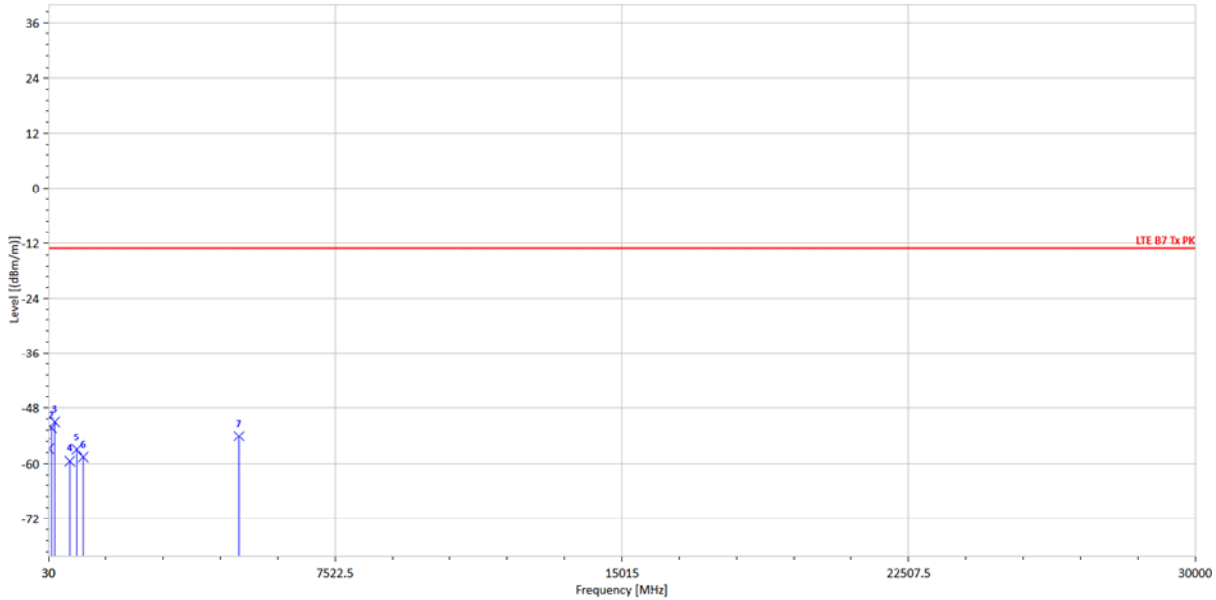
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB7 10M 16QAM 1.49 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2535 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -56.83 | -42.08 | -13.90 | -0.85 | -25 | -31.83 |
| 111.48 | S | -52.20 | -49.15 | -1.59 | -1.46 | -25 | -27.20 |
| 192.96 | S | -50.95 | -54.83 | 5.84 | -1.95 | -25 | -25.95 |
| 587.75 | S | -59.49 | -62.83 | 6.86 | -3.52 | -25 | -34.49 |
| 770.11 | S | -56.98 | -60.71 | 7.74 | -4.01 | -25 | -31.98 |
| 936.95 | S | -58.61 | -62.07 | 7.95 | -4.49 | -25 | -33.61 |
| 5010.00 | H | -54.07 | -56.65 | 12.51 | -9.93 | -25 | -29.07 |

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

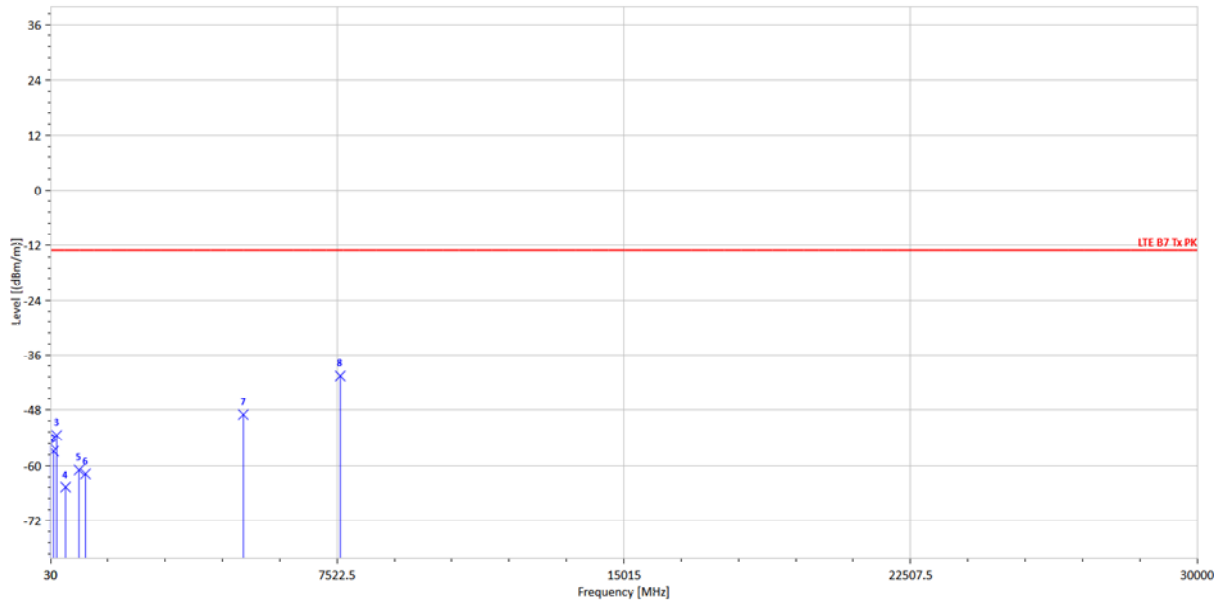
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB7 10M 16QAM 1.49 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2535 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -55.42 | -37.37 | -17.21 | -0.84 | -25 | -30.42 |
| 111.48 | S | -56.91 | -53.85 | -1.59 | -1.46 | -25 | -31.91 |
| 191.99 | S | -53.43 | -57.34 | 5.85 | -1.95 | -25 | -28.43 |
| 424.79 | S | -64.78 | -67.82 | 6.01 | -2.96 | -25 | -39.78 |
| 775.93 | S | -60.94 | -64.65 | 7.74 | -4.03 | -25 | -35.94 |
| 944.71 | S | -61.76 | -65.20 | 7.96 | -4.51 | -25 | -36.76 |
| 5070.00 | H | -48.97 | -51.56 | 12.57 | -9.98 | -25 | -23.97 |
| 7605.00 | H | -40.56 | -40.26 | 11.30 | -11.60 | -25 | -15.56 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

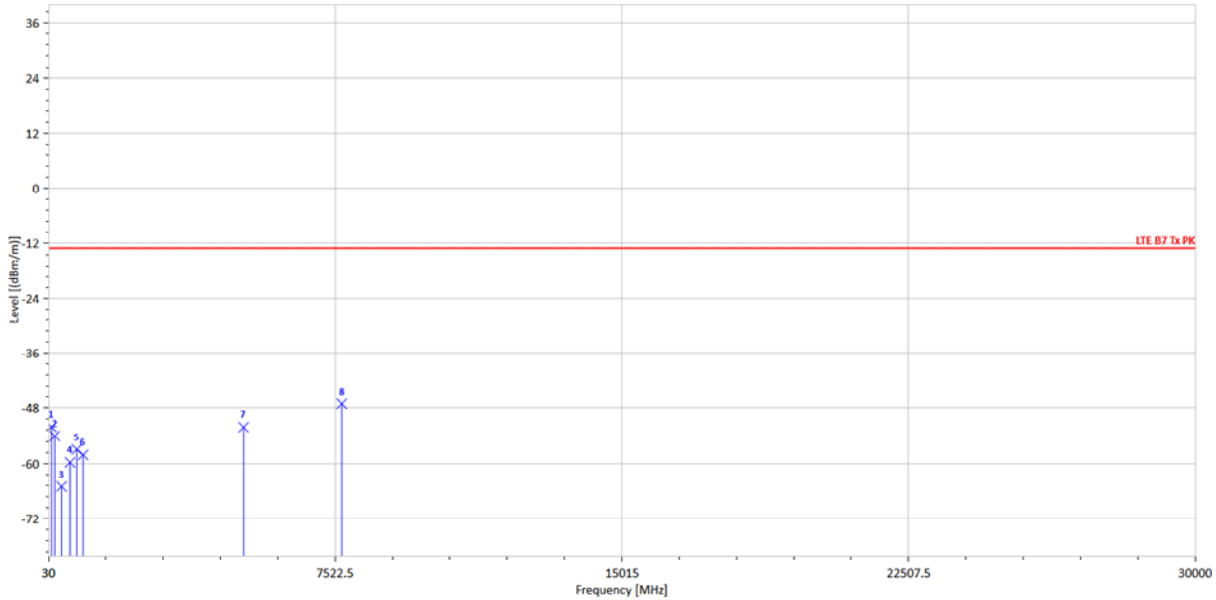
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB7 10M 16QAM 1.49 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2565 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -52.08 | -49.02 | -1.59 | -1.46 | -25 | -27.08 |
| 193.93 | S | -54.05 | -57.91 | 5.82 | -1.96 | -25 | -29.05 |
| 370.47 | S | -65.04 | -68.18 | 5.89 | -2.75 | -25 | -40.04 |
| 592.60 | S | -59.76 | -63.12 | 6.91 | -3.54 | -25 | -34.76 |
| 769.14 | S | -56.94 | -60.67 | 7.73 | -4.01 | -25 | -31.94 |
| 935.01 | S | -58.14 | -61.60 | 7.94 | -4.49 | -25 | -33.14 |
| 5130.00 | H | -52.11 | -54.72 | 12.63 | -10.02 | -25 | -27.11 |
| 7695.00 | H | -47.08 | -46.74 | 11.30 | -11.64 | -25 | -22.08 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

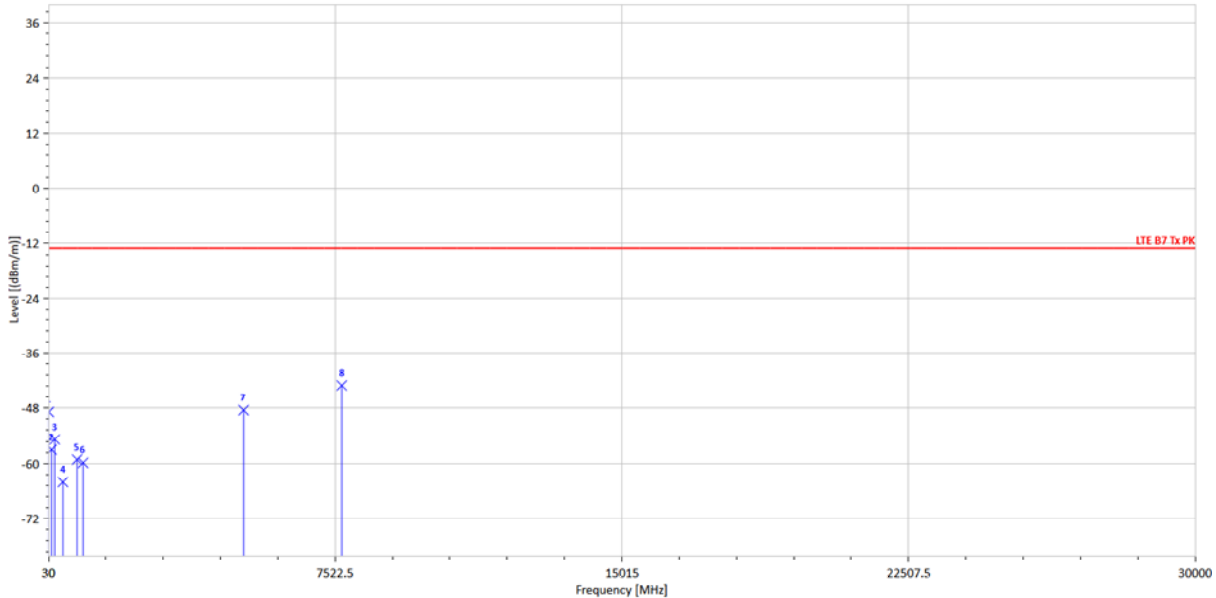
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB7 10M 16QAM 1.49 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2565 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -48.83 | -34.07 | -13.90 | -0.85 | -25 | -23.83 |
| 111.48 | S | -57.01 | -53.95 | -1.59 | -1.46 | -25 | -32.01 |
| 192.96 | S | -54.78 | -58.67 | 5.84 | -1.95 | -25 | -29.78 |
| 406.36 | S | -64.07 | -66.99 | 5.82 | -2.90 | -25 | -39.07 |
| 776.90 | S | -59.15 | -62.85 | 7.74 | -4.04 | -25 | -34.15 |
| 934.04 | S | -59.85 | -63.32 | 7.94 | -4.48 | -25 | -34.85 |
| 5130.00 | H | -48.45 | -51.06 | 12.63 | -10.02 | -25 | -23.45 |
| 7695.00 | H | -43.02 | -42.68 | 11.30 | -11.64 | -25 | -18.02 |

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

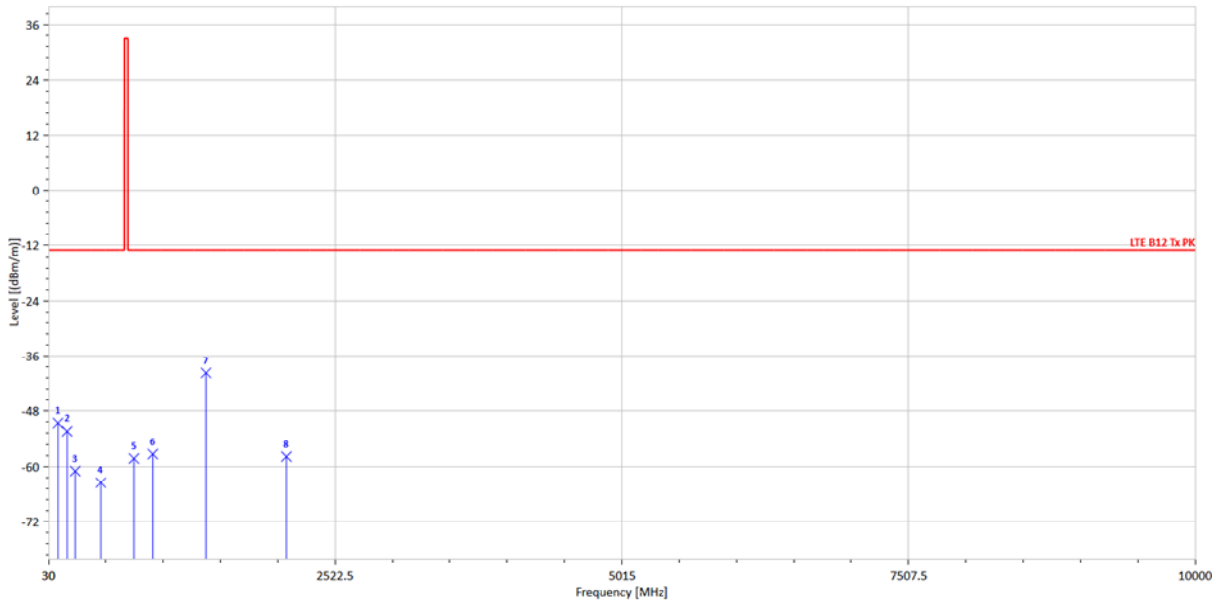
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 12

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB12 1.4M 16QAM 1.5 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 699.7 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -50.56 | -45.57 | -3.52 | -1.46 | -13 | -37.56 |
| 191.99 | S | -52.33 | -54.45 | 4.07 | -1.95 | -13 | -39.33 |
| 262.80 | S | -60.99 | -61.03 | 2.35 | -2.31 | -13 | -47.99 |
| 484.93 | S | -63.53 | -64.28 | 3.91 | -3.17 | -13 | -50.53 |
| 773.02 | S | -58.29 | -59.45 | 5.19 | -4.02 | -13 | -45.29 |
| 936.95 | S | -57.33 | -58.20 | 5.37 | -4.49 | -13 | -44.33 |
| 1399.40 | H | -39.68 | -39.25 | 5.47 | -5.90 | -13 | -26.68 |
| 2099.10 | H | -57.88 | -58.74 | 8.15 | -7.29 | -13 | -44.88 |

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

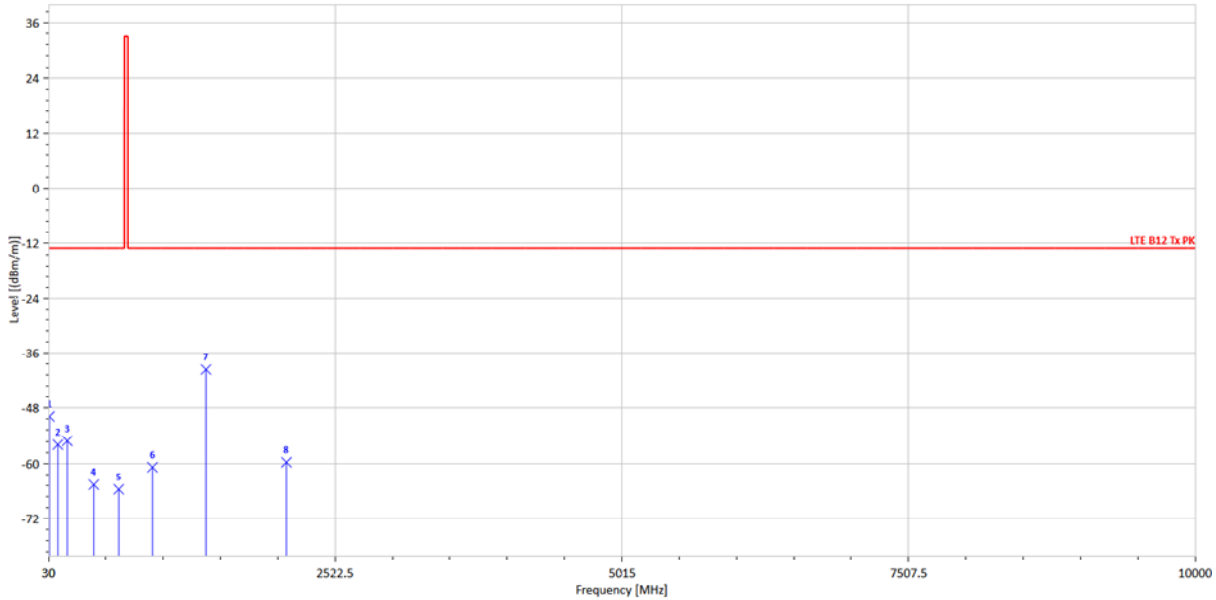
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB12 1.4M 16QAM 1.5 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 699.7 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | Measurement Antenna Pol. : | Horizontal |



| Freq. | Note | ERP/EIRP | SG Output | Antenna | Cable | Limit | Margin |
|---------|---------|----------|--------------|-----------------|------------|--------------|--------|
| MHz | F/H/E/S | dBm | Level dBm | Gain dBd/dBi | Loss dB | @3m dBm/m | dB |
| 37.76 | S | -49.80 | -33.03 | -15.92 | -0.85 | -13 | -36.80 |
| 111.48 | S | -55.92 | -50.90 | -3.56 | -1.46 | -13 | -42.92 |
| 192.96 | S | -55.12 | -57.20 | 4.03 | -1.95 | -13 | -42.12 |
| 423.82 | S | -64.64 | -65.08 | 3.40 | -2.96 | -13 | -51.64 |
| 641.10 | S | -65.64 | -66.53 | 4.57 | -3.67 | -13 | -52.64 |
| 934.04 | S | -60.81 | -61.68 | 5.36 | -4.48 | -13 | -47.81 |
| 1399.40 | H | -39.60 | -39.16 | 5.47 | -5.90 | -13 | -26.60 |
| 2099.10 | H | -59.73 | -60.59 | 8.15 | -7.29 | -13 | -46.73 |

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

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

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

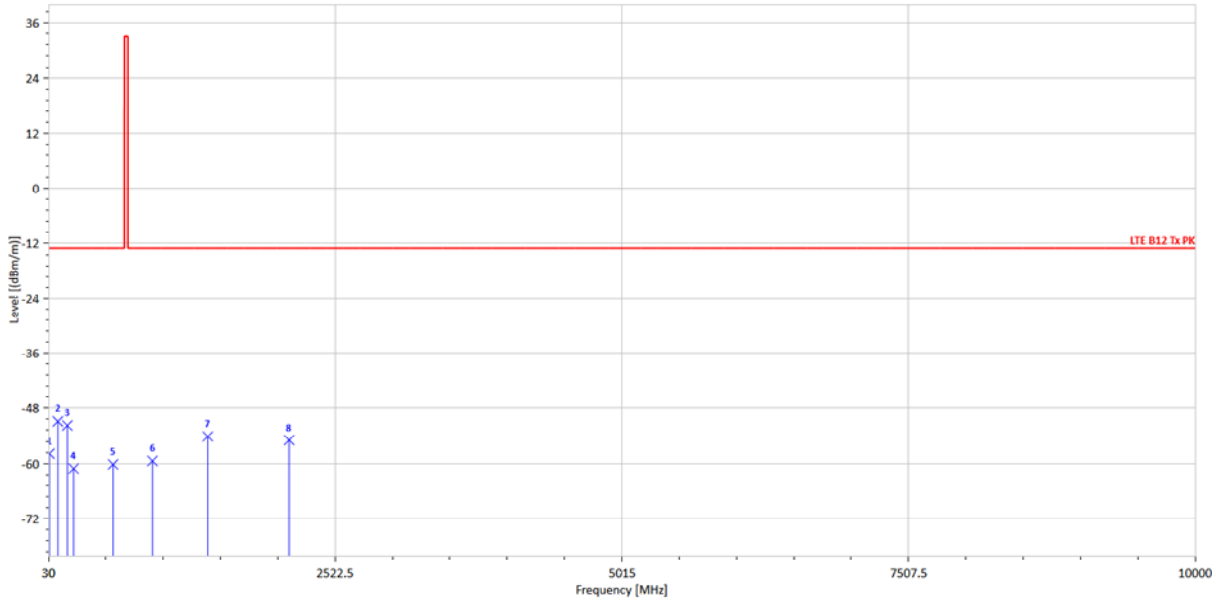
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB12 1.4M 16QAM 1.5 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 707.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | Measurement Antenna Pol. : | Vertical |



| Freq. | Note | ERP/EIRP | SG Output | Antenna | Cable | Limit | Margin |
|---------|---------|----------|--------------|-----------------|------------|--------------|--------|
| MHz | F/H/E/S | dBm | Level dBm | Gain dBd/dBi | Loss dB | @3m dBm/m | dB |
| 37.76 | S | -57.88 | -41.11 | -15.92 | -0.85 | -13 | -44.88 |
| 111.48 | S | -50.85 | -45.84 | -3.56 | -1.46 | -13 | -37.85 |
| 193.93 | S | -51.73 | -53.76 | 4.00 | -1.96 | -13 | -38.73 |
| 248.25 | S | -61.08 | -61.72 | 2.88 | -2.24 | -13 | -48.08 |
| 591.63 | S | -60.18 | -60.91 | 4.26 | -3.54 | -13 | -47.18 |
| 934.04 | S | -59.45 | -60.32 | 5.36 | -4.48 | -13 | -46.45 |
| 1415.00 | H | -54.14 | -53.75 | 5.54 | -5.93 | -13 | -41.14 |
| 2122.50 | H | -54.94 | -55.79 | 8.17 | -7.32 | -13 | -41.94 |

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

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

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

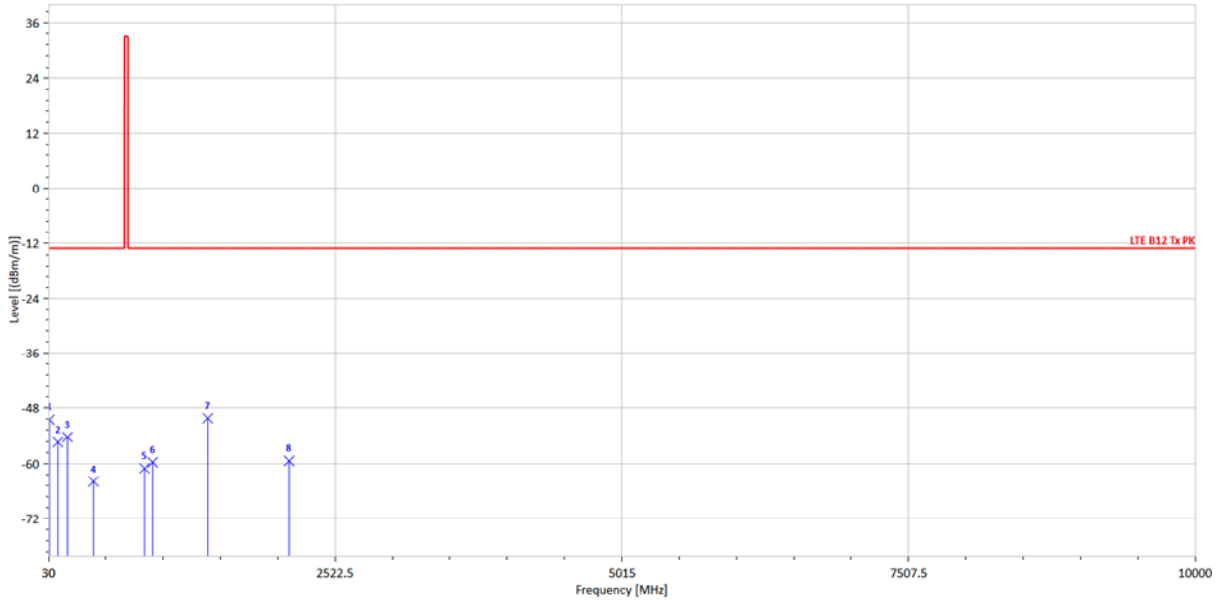
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB12 1.4M 16QAM 1.5 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 707.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | Measurement Antenna Pol. : | Horizontal |



| 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 | |
| 37.76 | S | -50.48 | -33.71 | -15.92 | -0.85 | -13 | -37.48 |
| 111.48 | S | -55.39 | -50.37 | -3.56 | -1.46 | -13 | -42.39 |
| 194.90 | S | -54.26 | -56.26 | 3.96 | -1.96 | -13 | -41.26 |
| 420.91 | S | -63.94 | -64.36 | 3.38 | -2.95 | -13 | -50.94 |
| 865.17 | S | -61.05 | -61.83 | 5.11 | -4.33 | -13 | -48.05 |
| 935.01 | S | -59.74 | -60.61 | 5.36 | -4.49 | -13 | -46.74 |
| 1415.00 | H | -50.19 | -49.80 | 5.54 | -5.93 | -13 | -37.19 |
| 2122.50 | H | -59.43 | -60.28 | 8.17 | -7.32 | -13 | -46.43 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

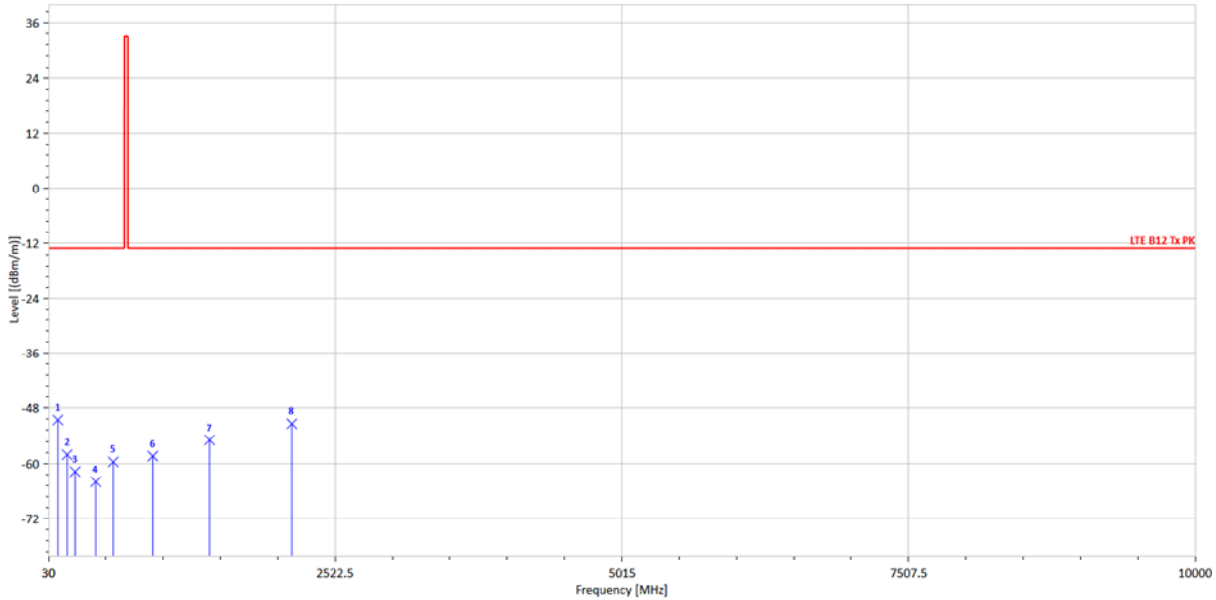
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB12 1.4M 16QAM 1.5 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 715.3 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | |
| 111.48 | S | -50.54 | -45.52 | -3.56 | -1.46 | -13 | -37.54 |
| 191.99 | S | -58.11 | -60.22 | 4.07 | -1.95 | -13 | -45.11 |
| 261.83 | S | -61.77 | -61.71 | 2.25 | -2.31 | -13 | -48.77 |
| 441.28 | S | -64.00 | -64.53 | 3.55 | -3.02 | -13 | -51.00 |
| 592.60 | S | -59.66 | -60.39 | 4.27 | -3.54 | -13 | -46.66 |
| 936.95 | S | -58.42 | -59.30 | 5.37 | -4.49 | -13 | -45.42 |
| 1430.60 | H | -54.92 | -54.57 | 5.62 | -5.97 | -13 | -41.92 |
| 2145.90 | H | -51.36 | -52.20 | 8.20 | -7.36 | -13 | -38.36 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

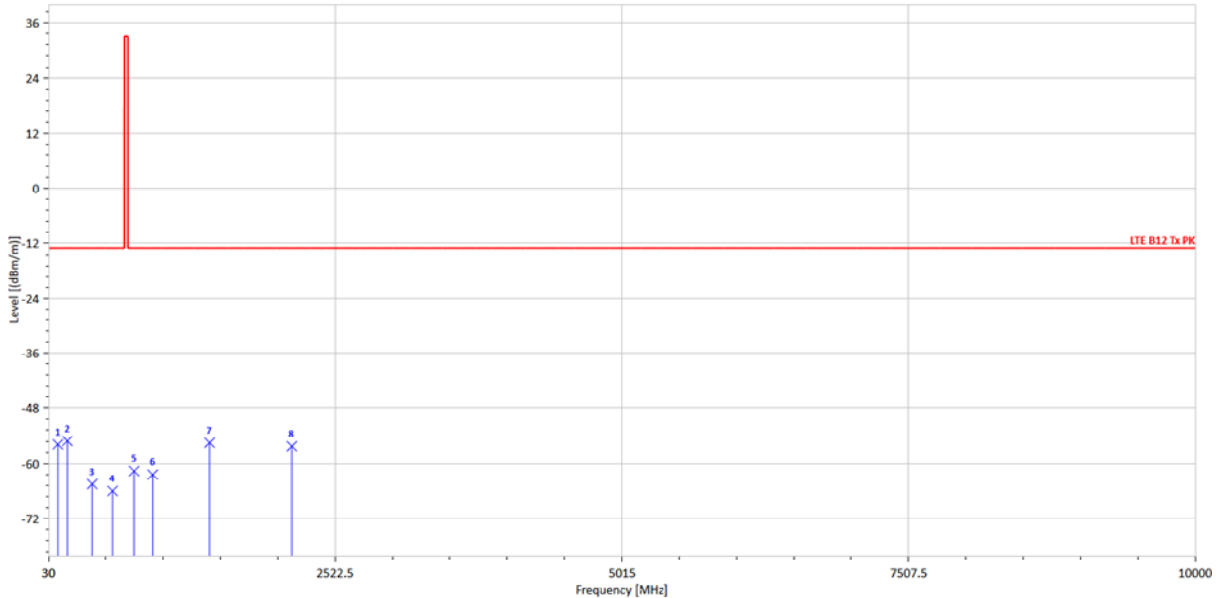
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB12 1.4M 16QAM 1.5 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 715.3 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | Measurement Antenna Pol. : | Horizontal |



| Freq. | Note | ERP/EIRP | SG Output | Antenna | Cable | Limit | Margin |
|---------|---------|----------|--------------|-----------------|------------|--------------|--------|
| MHz | F/H/E/S | dBm | Level dBm | Gain dBd/dBi | Loss dB | @3m dBm/m | dB |
| 111.48 | S | -55.89 | -50.87 | -3.56 | -1.46 | -13 | -42.89 |
| 193.93 | S | -55.14 | -57.18 | 4.00 | -1.96 | -13 | -42.14 |
| 410.24 | S | -64.51 | -64.88 | 3.29 | -2.92 | -13 | -51.51 |
| 586.78 | S | -66.01 | -66.72 | 4.23 | -3.52 | -13 | -53.01 |
| 773.99 | S | -61.63 | -62.79 | 5.19 | -4.03 | -13 | -48.63 |
| 935.98 | S | -62.41 | -63.28 | 5.36 | -4.49 | -13 | -49.41 |
| 1430.60 | H | -55.53 | -55.18 | 5.62 | -5.97 | -13 | -42.53 |
| 2145.90 | H | -56.31 | -57.14 | 8.20 | -7.36 | -13 | -43.31 |

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

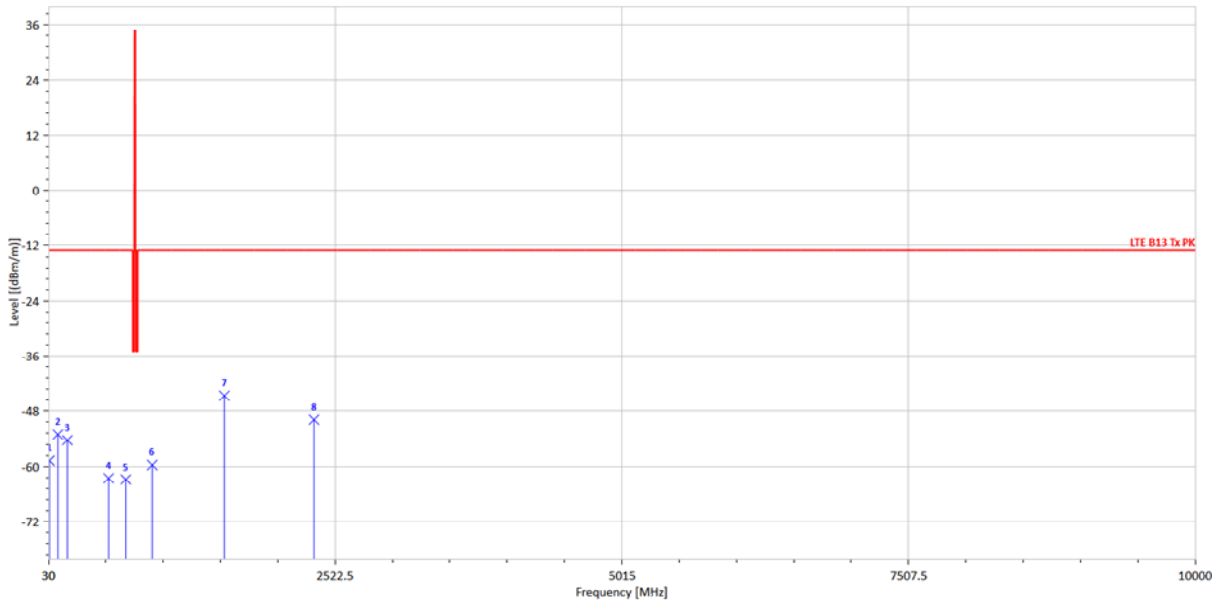
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 13

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 779.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|------------------------|--------------|
| 37.76 | S | -58.73 | -41.97 | -15.92 | -0.85 | -13 | -45.73 |
| 111.48 | S | -53.00 | -47.99 | -3.56 | -1.46 | -13 | -40.00 |
| 193.93 | S | -54.29 | -56.33 | 4.00 | -1.96 | -13 | -41.29 |
| 552.83 | S | -62.57 | -63.14 | 3.99 | -3.42 | -13 | -49.57 |
| 702.21 | S | -62.82 | -64.05 | 5.06 | -3.83 | -13 | -49.82 |
| 932.10 | S | -59.68 | -60.55 | 5.35 | -4.48 | -13 | -46.68 |
| 1559.00 | H | -44.61 | -43.46 | 6.20 | -7.35 | -13 | -31.61 |
| 2338.50 | H | -49.83 | -48.23 | 8.39 | -10.00 | -13 | -36.83 |

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

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

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

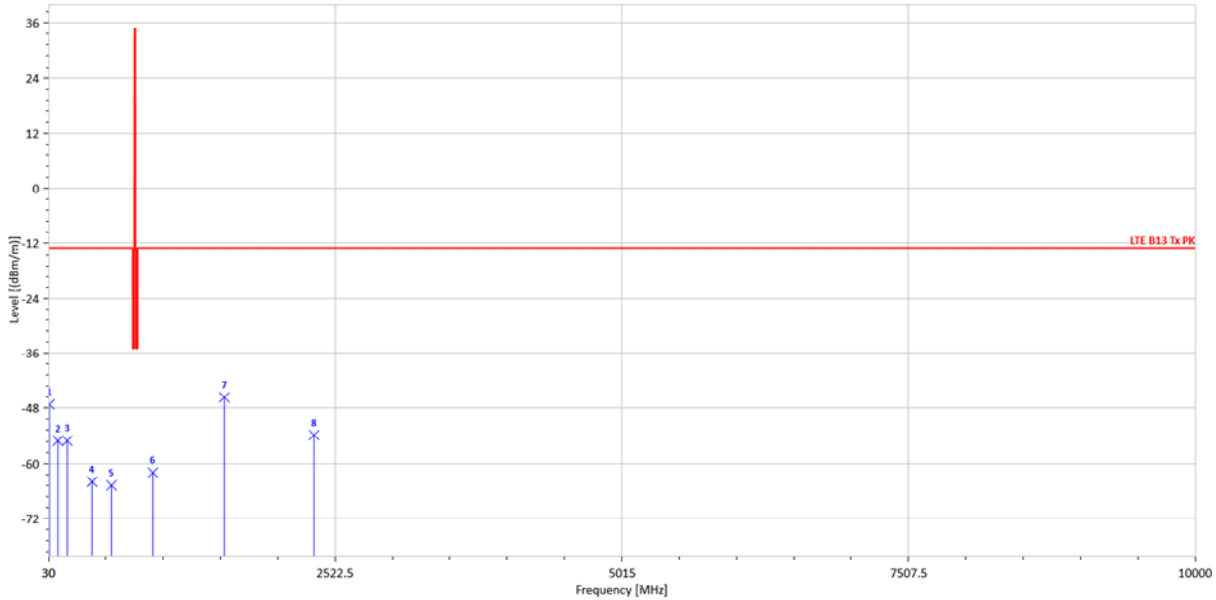
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 779.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | Measurement Antenna Pol. : | Horizontal |



| Freq. | Note | ERP/EIRP | SG Output Level | Antenna Gain | Cable Loss | Limit @ 3m | Margin |
|---------|---------|----------|-----------------|--------------|------------|------------|--------|
| MHz | F/H/E/S | dBm | dBm | dBd/dBi | dB | dBm/m | dB |
| 37.76 | S | -47.18 | -30.41 | -15.92 | -0.85 | -13 | -34.18 |
| 111.48 | S | -55.10 | -50.08 | -3.56 | -1.46 | -13 | -42.10 |
| 192.96 | S | -55.08 | -57.16 | 4.03 | -1.95 | -13 | -42.08 |
| 409.27 | S | -64.00 | -64.36 | 3.28 | -2.92 | -13 | -51.00 |
| 578.05 | S | -64.80 | -65.48 | 4.17 | -3.48 | -13 | -51.80 |
| 937.92 | S | -61.96 | -62.83 | 5.37 | -4.49 | -13 | -48.96 |
| 1559.00 | H | -45.63 | -44.48 | 6.20 | -7.35 | -13 | -32.63 |
| 2338.50 | H | -53.83 | -52.23 | 8.39 | -10.00 | -13 | -40.83 |

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

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

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

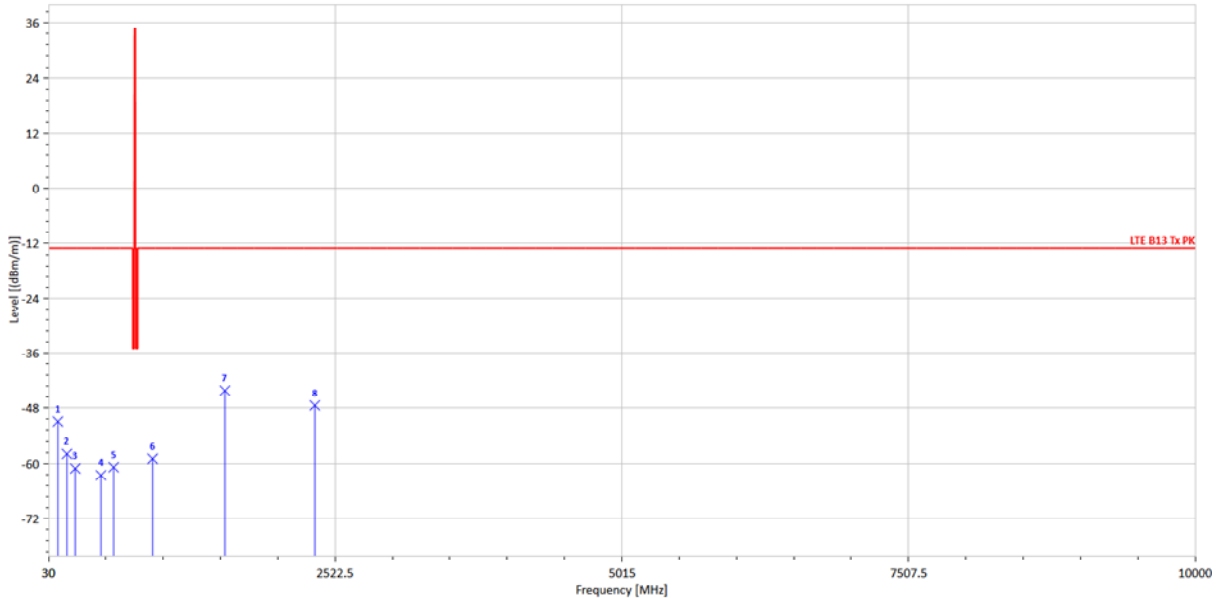
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 782 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | Measurement Antenna Pol. : | Vertical |



| Freq. | Note | ERP/EIRP | SG Output | Antenna | Cable | Limit | Margin |
|---------|---------|----------|-----------|---------|--------|-------|--------|
| MHz | F/H/E/S | dBm | dBm | dBd/dBi | dB | dBm/m | dB |
| 111.48 | S | -50.88 | -45.86 | -3.56 | -1.46 | -13 | -37.88 |
| 190.05 | S | -57.94 | -60.14 | 4.14 | -1.94 | -13 | -44.94 |
| 262.80 | S | -61.08 | -61.12 | 2.35 | -2.31 | -13 | -48.08 |
| 485.90 | S | -62.57 | -63.32 | 3.92 | -3.17 | -13 | -49.57 |
| 596.48 | S | -60.80 | -61.54 | 4.30 | -3.56 | -13 | -47.80 |
| 935.01 | S | -58.99 | -59.87 | 5.36 | -4.49 | -13 | -45.99 |
| 1564.00 | H | -44.14 | -42.99 | 6.22 | -7.37 | -13 | -31.14 |
| 2346.00 | H | -47.42 | -45.79 | 8.40 | -10.02 | -13 | -34.42 |

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

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

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

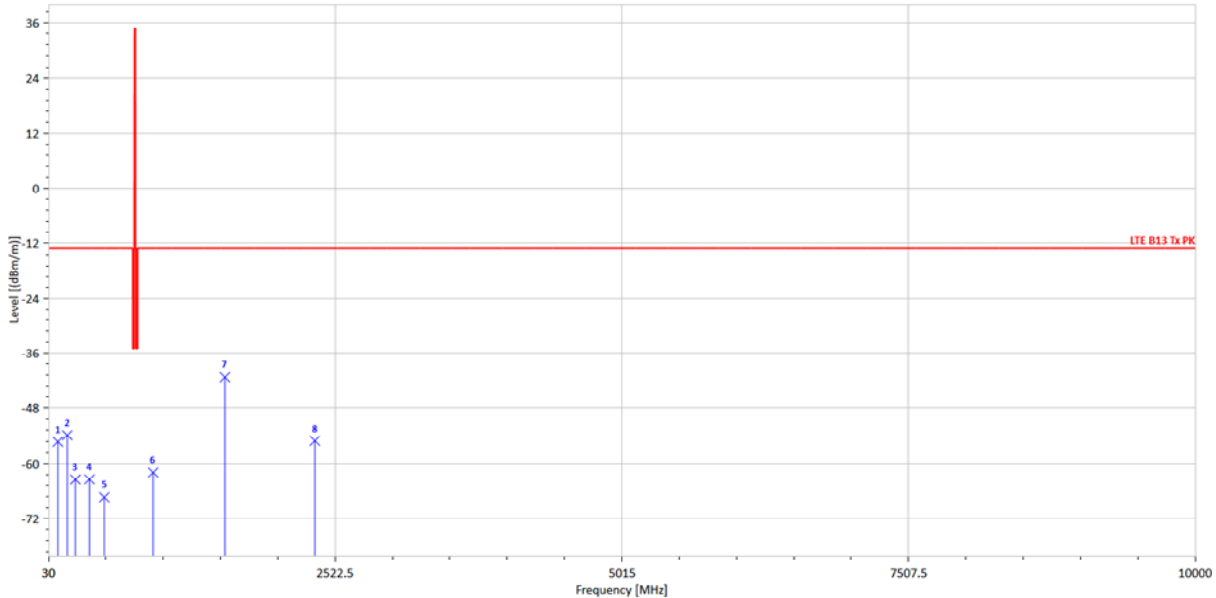
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 782 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | Measurement Antenna Pol. : | Horizontal |



| Freq. | Note | ERP/EIRP | SG Output | Antenna | Cable | Limit | Margin |
|---------|---------|----------|-----------|---------|--------|-------|--------|
| MHz | F/H/E/S | dBm | dBm | dBd/dBi | dB | dBm/m | dB |
| 111.48 | S | -55.32 | -50.30 | -3.56 | -1.46 | -13 | -42.32 |
| 192.96 | S | -53.85 | -55.93 | 4.03 | -1.95 | -13 | -40.85 |
| 263.77 | S | -63.51 | -63.64 | 2.45 | -2.32 | -13 | -50.51 |
| 385.99 | S | -63.48 | -63.93 | 3.27 | -2.81 | -13 | -50.48 |
| 515.00 | S | -67.37 | -68.11 | 4.02 | -3.29 | -13 | -54.37 |
| 939.86 | S | -61.92 | -62.80 | 5.38 | -4.50 | -13 | -48.92 |
| 1564.00 | H | -41.25 | -40.10 | 6.22 | -7.37 | -13 | -28.25 |
| 2346.00 | H | -55.12 | -53.49 | 8.40 | -10.02 | -13 | -42.12 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

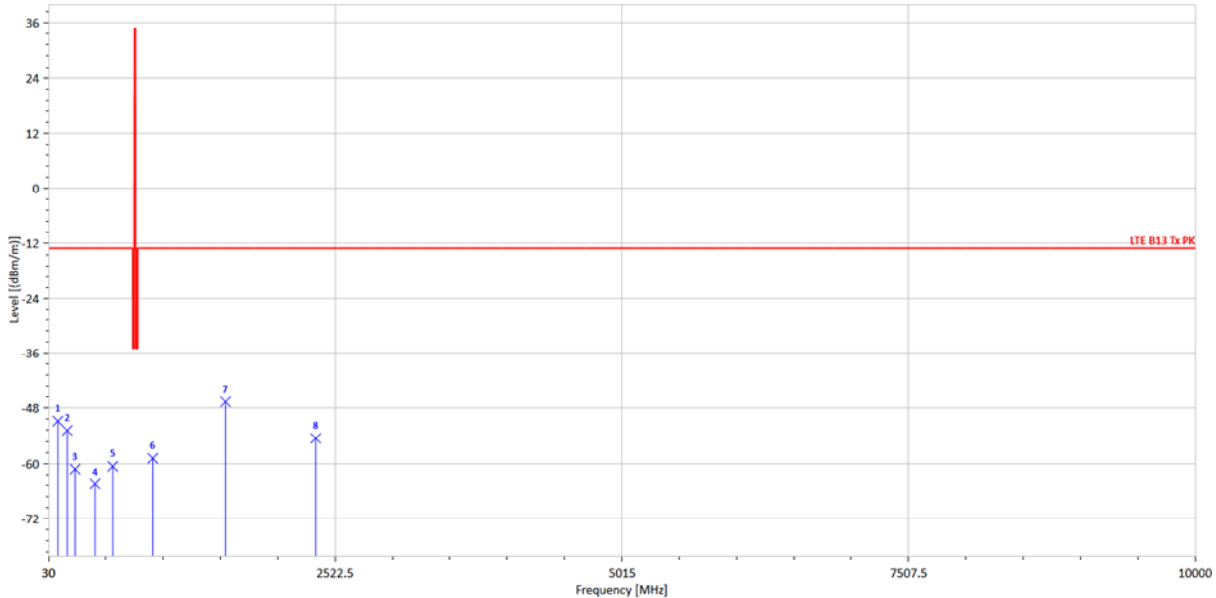
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 784.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | Measurement Antenna Pol. : | Vertical |



| Freq. | Note | ERP/EIRP | SG Output | Antenna | Cable | Limit | Margin |
|---------|---------|----------|-----------|---------|--------|-------|--------|
| MHz | F/H/E/S | dBm | dBm | dBd/dBi | dB | dBm/m | dB |
| 111.48 | S | -50.78 | -45.76 | -3.56 | -1.46 | -13 | -37.78 |
| 192.96 | S | -52.81 | -54.89 | 4.03 | -1.95 | -13 | -39.81 |
| 261.83 | S | -61.20 | -61.14 | 2.25 | -2.31 | -13 | -48.20 |
| 434.49 | S | -64.50 | -65.00 | 3.49 | -2.99 | -13 | -51.50 |
| 588.72 | S | -60.60 | -61.32 | 4.24 | -3.52 | -13 | -47.60 |
| 936.95 | S | -58.88 | -59.75 | 5.37 | -4.49 | -13 | -45.88 |
| 1569.00 | H | -46.63 | -45.49 | 6.24 | -7.39 | -13 | -33.63 |
| 2353.50 | H | -54.54 | -52.90 | 8.40 | -10.04 | -13 | -41.54 |

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.

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

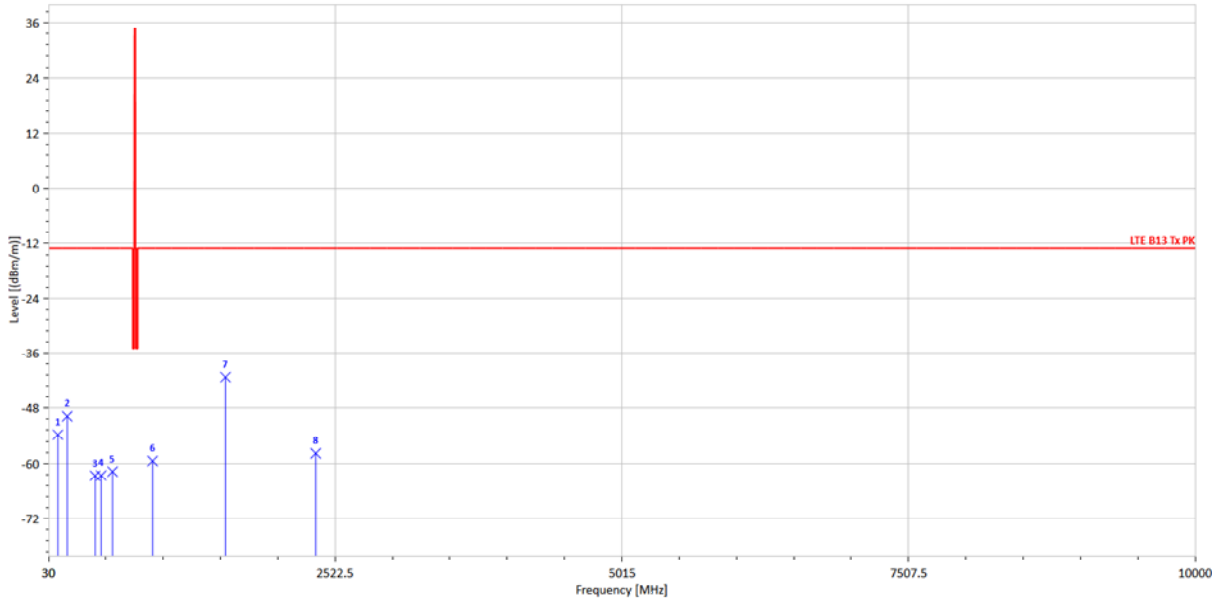
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 784.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|------------------------|--------------|
| 111.48 | S | -53.76 | -48.74 | -3.56 | -1.46 | -13 | -40.76 |
| 192.96 | S | -49.76 | -51.84 | 4.03 | -1.95 | -13 | -36.76 |
| 435.46 | S | -62.67 | -63.17 | 3.50 | -3.00 | -13 | -49.67 |
| 487.84 | S | -62.62 | -63.38 | 3.94 | -3.18 | -13 | -49.62 |
| 586.78 | S | -61.75 | -62.46 | 4.23 | -3.52 | -13 | -48.75 |
| 935.01 | S | -59.46 | -60.33 | 5.36 | -4.49 | -13 | -46.46 |
| 1569.00 | H | -41.25 | -40.10 | 6.24 | -7.39 | -13 | -28.25 |
| 2353.50 | H | -57.82 | -56.18 | 8.40 | -10.04 | -13 | -44.82 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

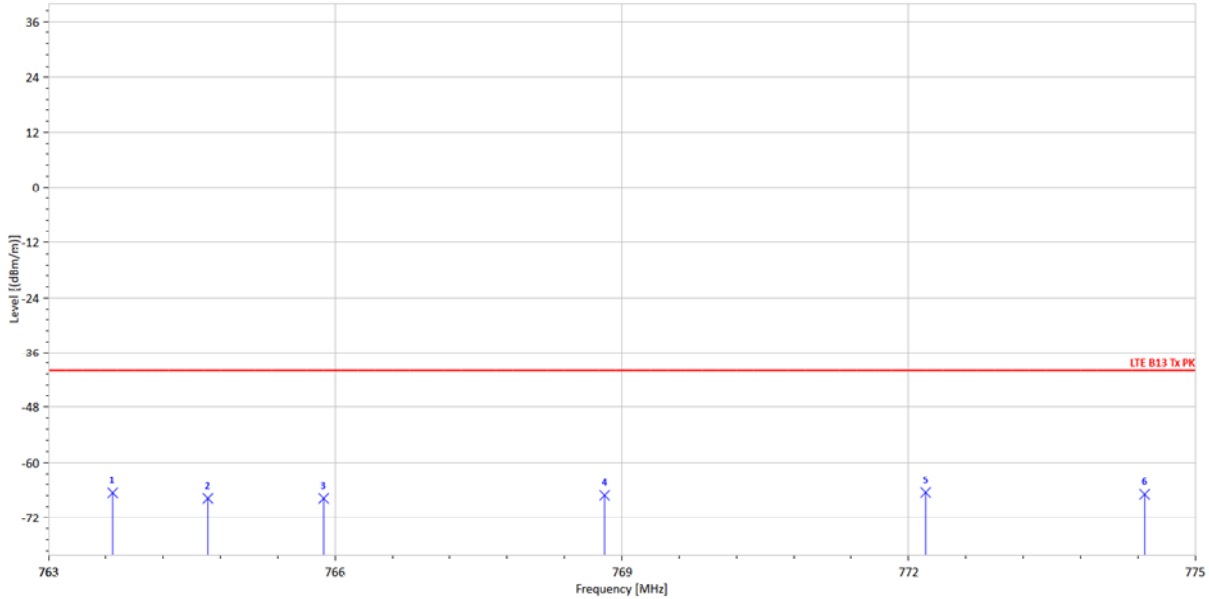
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 13 (inband measurement 763~775MHz)

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 779.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 763.67 | S | -66.64 | -67.83 | 5.18 | -3.98 | -40 | -26.64 |
| 764.67 | S | -67.81 | -69.00 | 5.18 | -3.99 | -40 | -27.81 |
| 765.88 | S | -67.81 | -69.00 | 5.18 | -3.99 | -40 | -27.81 |
| 768.82 | S | -67.16 | -68.34 | 5.18 | -4.01 | -40 | -27.16 |
| 772.18 | S | -66.55 | -67.72 | 5.19 | -4.02 | -40 | -26.55 |
| 774.47 | S | -66.94 | -68.11 | 5.19 | -4.03 | -40 | -26.94 |

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

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

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

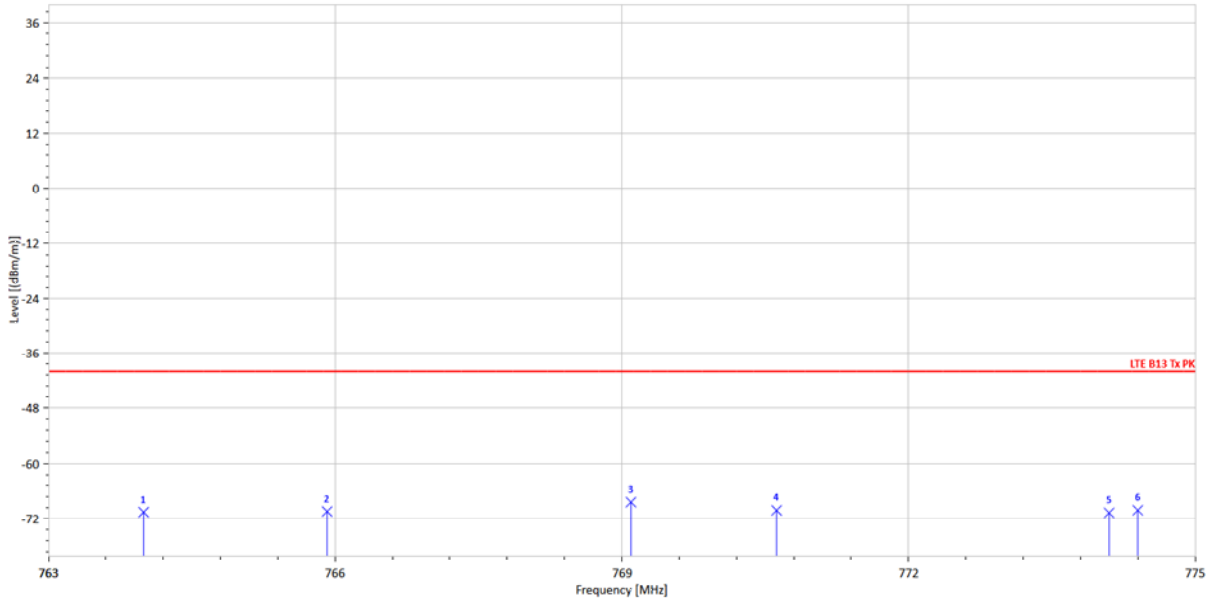
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 779.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 764.00 | S | -70.56 | -71.75 | 5.18 | -3.99 | -40 | -30.56 |
| 765.92 | S | -70.40 | -71.59 | 5.18 | -3.99 | -40 | -30.40 |
| 769.10 | S | -68.40 | -69.57 | 5.18 | -4.01 | -40 | -28.40 |
| 770.62 | S | -70.16 | -71.33 | 5.18 | -4.01 | -40 | -30.16 |
| 774.10 | S | -70.70 | -71.86 | 5.19 | -4.03 | -40 | -30.70 |
| 774.40 | S | -70.14 | -71.30 | 5.19 | -4.03 | -40 | -30.14 |

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

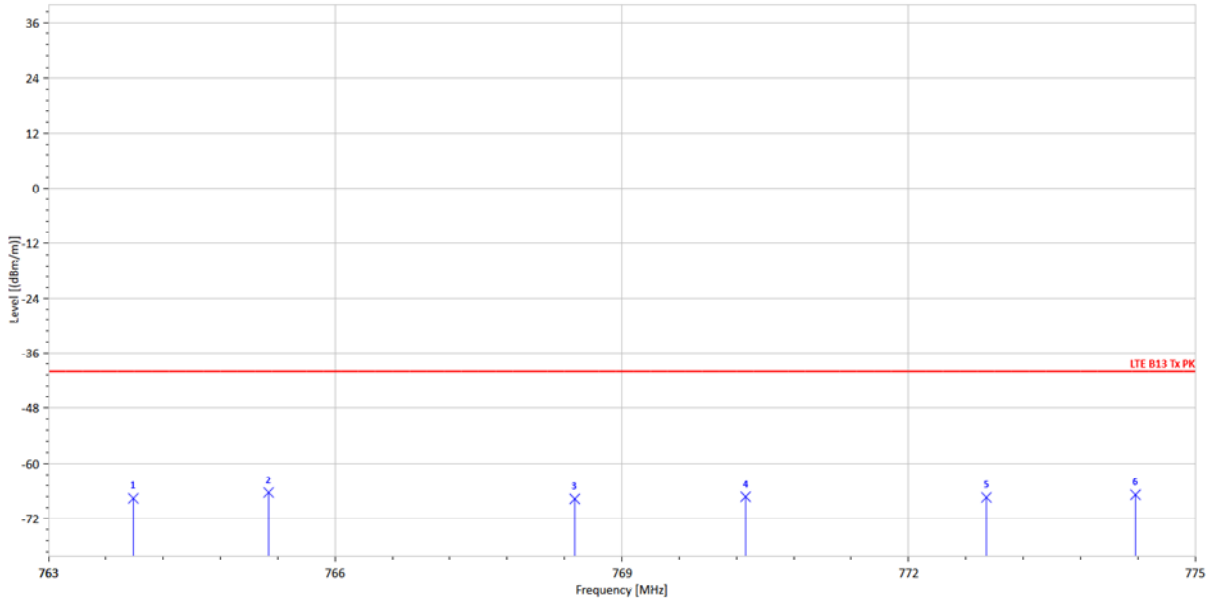
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 782 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 763.89 | S | -67.59 | -68.78 | 5.18 | -3.99 | -40 | -27.59 |
| 765.30 | S | -66.34 | -67.52 | 5.18 | -3.99 | -40 | -26.34 |
| 768.51 | S | -67.71 | -68.89 | 5.18 | -4.00 | -40 | -27.71 |
| 770.30 | S | -67.24 | -68.41 | 5.18 | -4.01 | -40 | -27.24 |
| 772.82 | S | -67.39 | -68.56 | 5.19 | -4.02 | -40 | -27.39 |
| 774.38 | S | -66.82 | -67.98 | 5.19 | -4.03 | -40 | -26.82 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

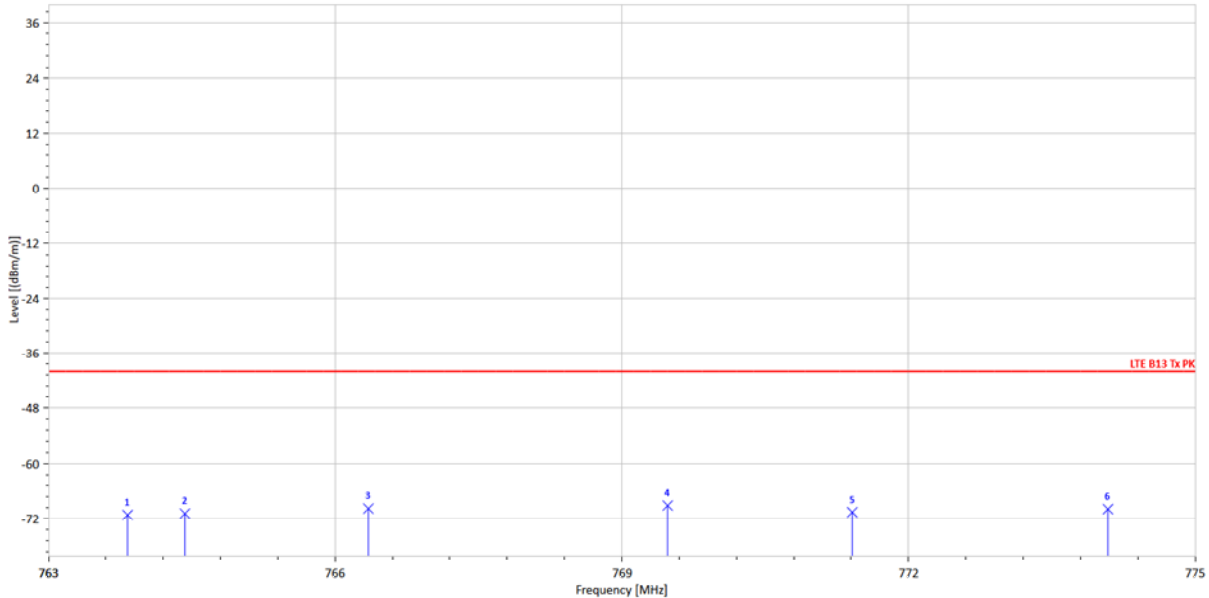
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 782 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 763.83 | S | -71.17 | -72.36 | 5.18 | -3.99 | -40 | -31.17 |
| 764.43 | S | -70.87 | -72.06 | 5.18 | -3.99 | -40 | -30.87 |
| 766.35 | S | -69.78 | -70.96 | 5.18 | -4.00 | -40 | -29.78 |
| 769.48 | S | -69.13 | -70.31 | 5.18 | -4.01 | -40 | -29.13 |
| 771.41 | S | -70.58 | -71.75 | 5.19 | -4.02 | -40 | -30.58 |
| 774.09 | S | -69.91 | -71.08 | 5.19 | -4.03 | -40 | -29.91 |

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

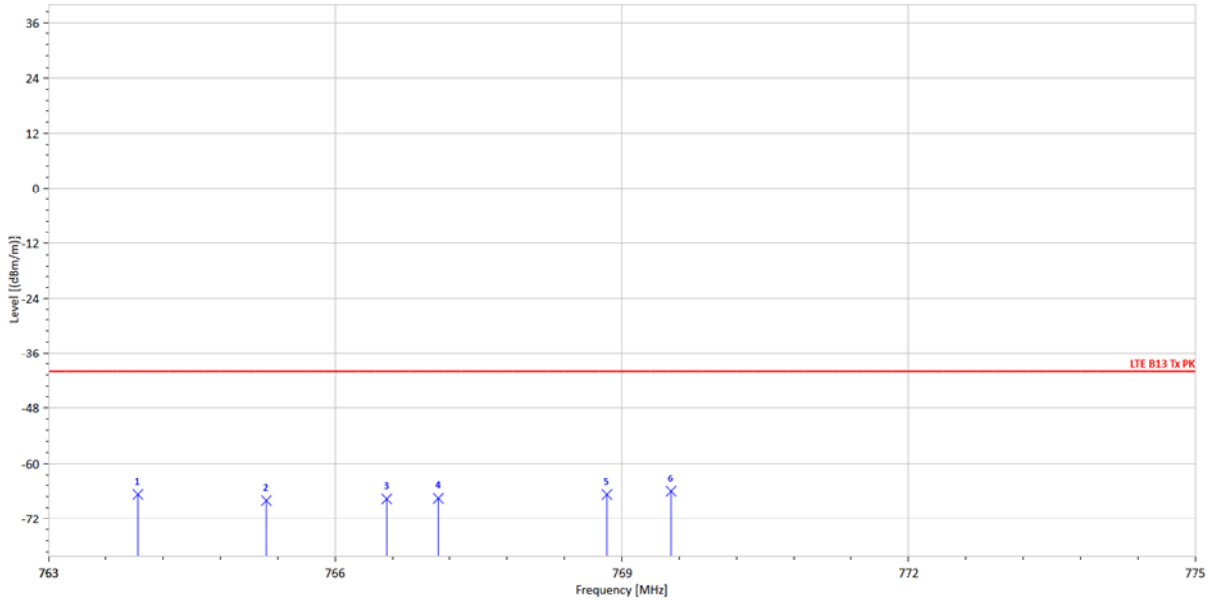
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 784.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 763.94 | S | -66.75 | -67.94 | 5.18 | -3.99 | -40 | -26.75 |
| 765.28 | S | -68.07 | -69.26 | 5.18 | -3.99 | -40 | -28.07 |
| 766.54 | S | -67.72 | -68.90 | 5.18 | -4.00 | -40 | -27.72 |
| 767.08 | S | -67.59 | -68.77 | 5.18 | -4.00 | -40 | -27.59 |
| 768.84 | S | -66.77 | -67.95 | 5.18 | -4.01 | -40 | -26.77 |
| 769.52 | S | -66.07 | -67.25 | 5.18 | -4.01 | -40 | -26.07 |

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

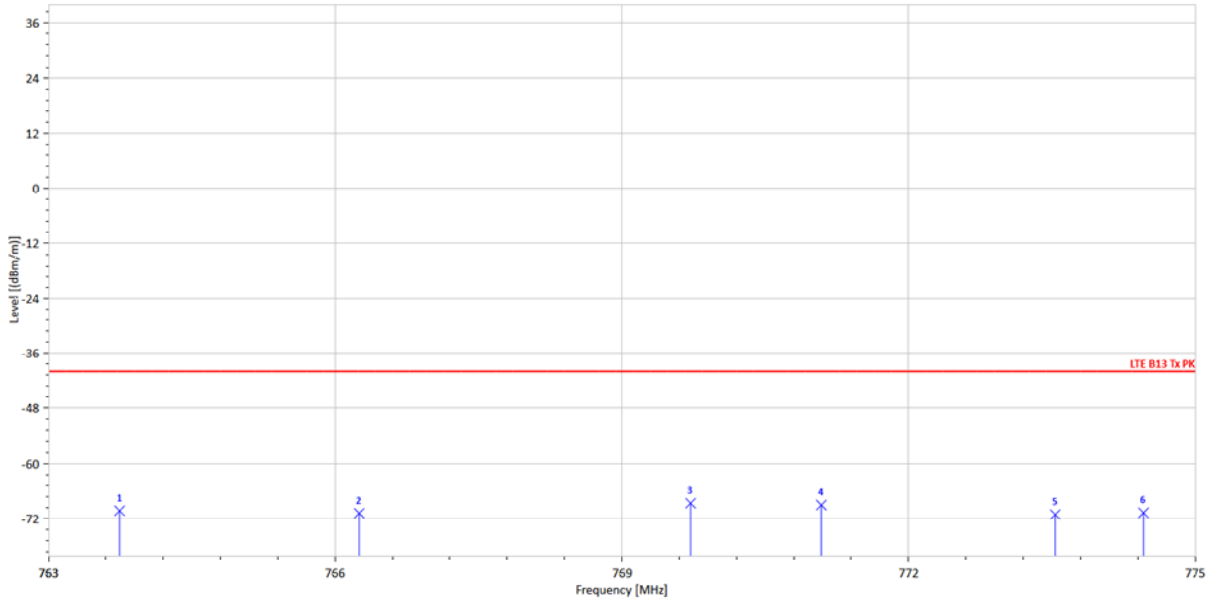
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 784.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 763.74 | S | -70.26 | -71.45 | 5.18 | -3.98 | -40 | -30.26 |
| 766.25 | S | -70.80 | -71.98 | 5.18 | -4.00 | -40 | -30.80 |
| 769.72 | S | -68.64 | -69.81 | 5.18 | -4.01 | -40 | -28.64 |
| 771.09 | S | -69.03 | -70.20 | 5.19 | -4.01 | -40 | -29.03 |
| 773.54 | S | -71.09 | -72.25 | 5.19 | -4.02 | -40 | -31.09 |
| 774.46 | S | -70.70 | -71.86 | 5.19 | -4.03 | -40 | -30.70 |

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

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

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

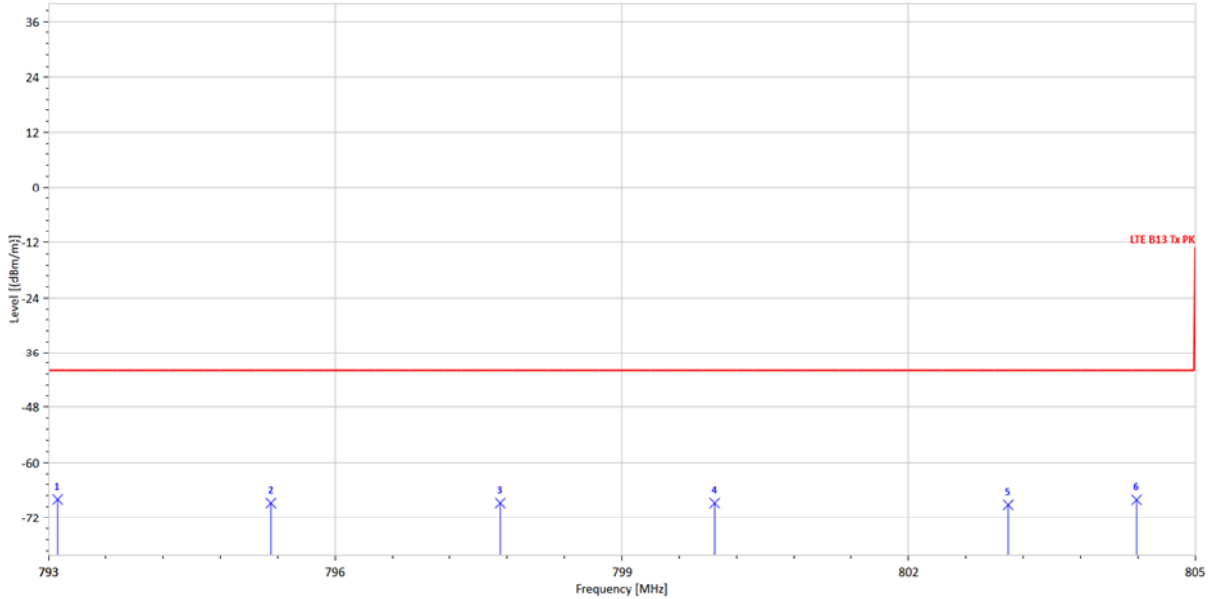
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 13 (inband measurement 793~805MHz)

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 779.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 793.10 | S | -68.04 | -69.16 | 5.21 | -4.10 | -40 | -28.04 |
| 795.33 | S | -68.82 | -69.93 | 5.21 | -4.10 | -40 | -28.82 |
| 797.73 | S | -68.82 | -69.93 | 5.22 | -4.11 | -40 | -28.82 |
| 799.97 | S | -68.81 | -69.92 | 5.22 | -4.11 | -40 | -28.81 |
| 803.04 | S | -69.19 | -70.28 | 5.21 | -4.12 | -40 | -29.19 |
| 804.39 | S | -68.12 | -69.21 | 5.21 | -4.12 | -40 | -28.12 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

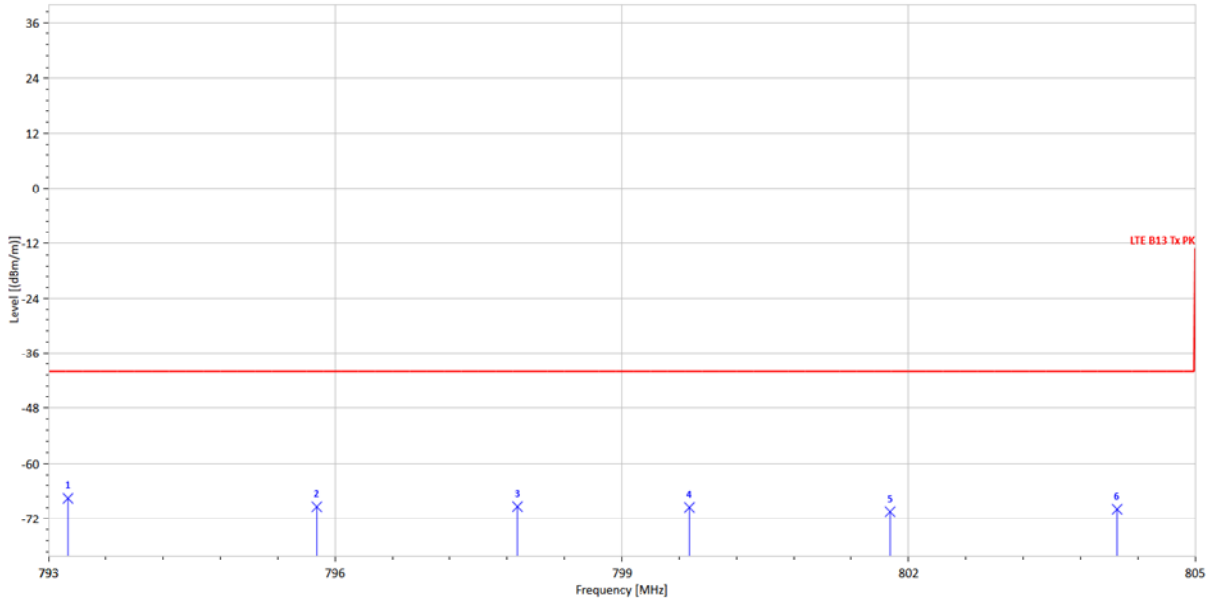
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 779.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 793.20 | S | -67.59 | -68.71 | 5.21 | -4.10 | -40 | -27.59 |
| 795.81 | S | -69.39 | -70.50 | 5.21 | -4.10 | -40 | -29.39 |
| 797.91 | S | -69.35 | -70.46 | 5.22 | -4.11 | -40 | -29.35 |
| 799.71 | S | -69.53 | -70.64 | 5.22 | -4.11 | -40 | -29.53 |
| 801.81 | S | -70.44 | -71.54 | 5.21 | -4.11 | -40 | -30.44 |
| 804.18 | S | -69.92 | -71.00 | 5.21 | -4.12 | -40 | -29.92 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

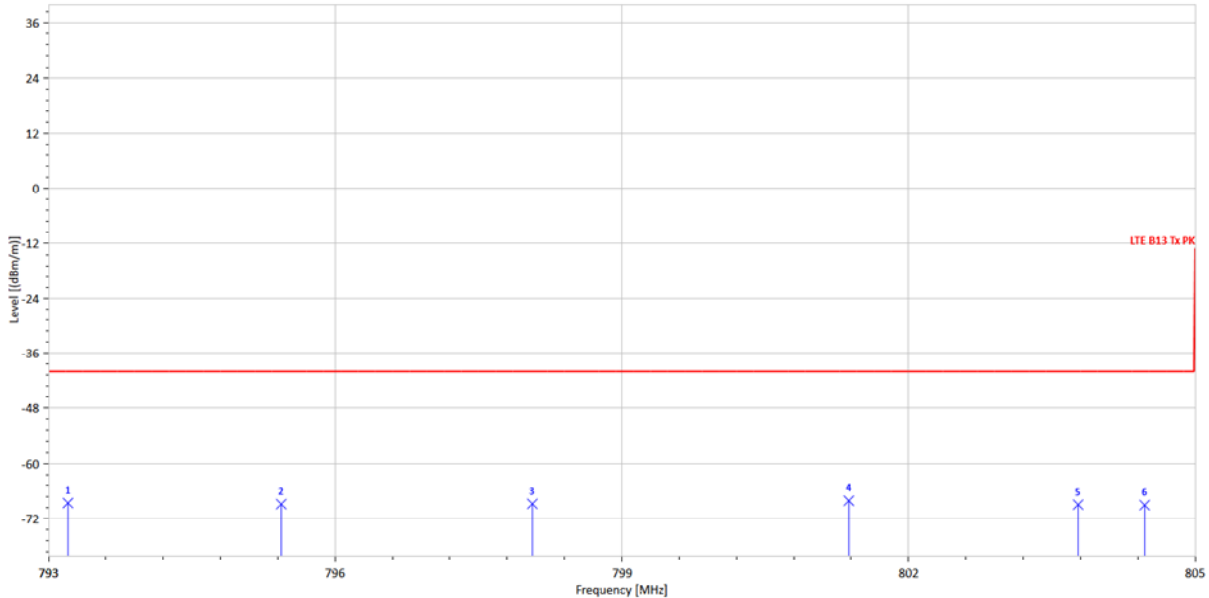
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 782 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 793.20 | S | -68.59 | -69.70 | 5.21 | -4.10 | -40 | -28.59 |
| 795.44 | S | -68.83 | -69.95 | 5.21 | -4.10 | -40 | -28.83 |
| 798.06 | S | -68.76 | -69.87 | 5.22 | -4.11 | -40 | -28.76 |
| 801.38 | S | -68.10 | -69.20 | 5.22 | -4.11 | -40 | -28.10 |
| 803.78 | S | -68.95 | -70.04 | 5.21 | -4.12 | -40 | -28.95 |
| 804.47 | S | -69.04 | -70.13 | 5.20 | -4.12 | -40 | -29.04 |

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

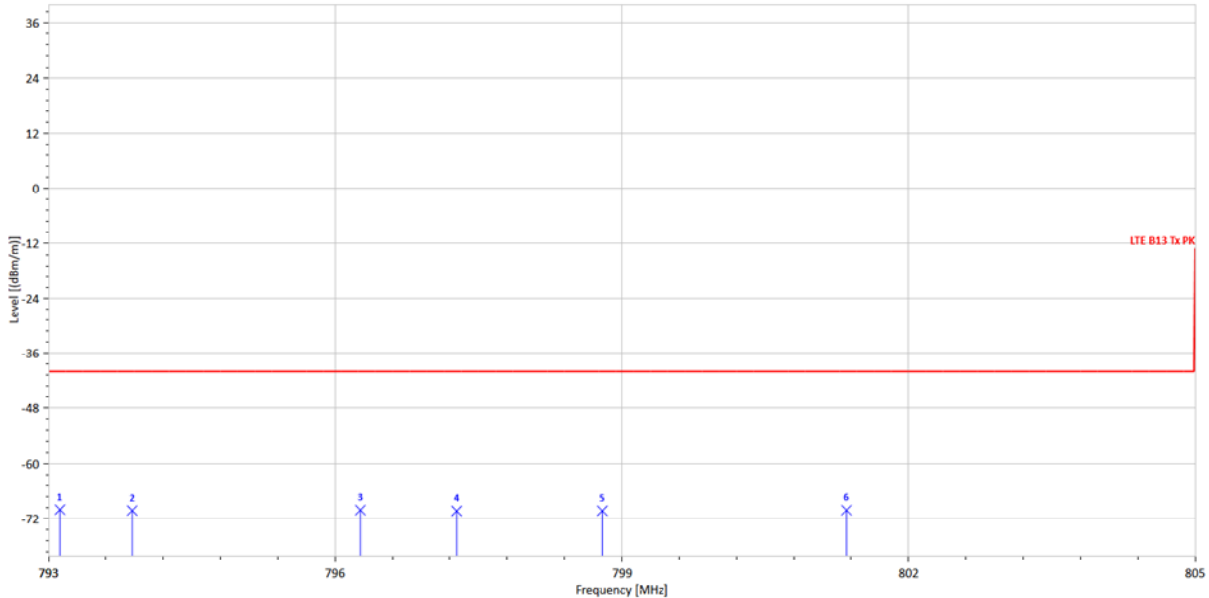
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 782 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 793.12 | S | -70.02 | -71.13 | 5.21 | -4.10 | -40 | -30.02 |
| 793.88 | S | -70.21 | -71.33 | 5.21 | -4.10 | -40 | -30.21 |
| 796.26 | S | -70.12 | -71.23 | 5.22 | -4.10 | -40 | -30.12 |
| 797.27 | S | -70.31 | -71.42 | 5.22 | -4.10 | -40 | -30.31 |
| 798.80 | S | -70.26 | -71.37 | 5.22 | -4.11 | -40 | -30.26 |
| 801.35 | S | -70.14 | -71.24 | 5.22 | -4.11 | -40 | -30.14 |

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

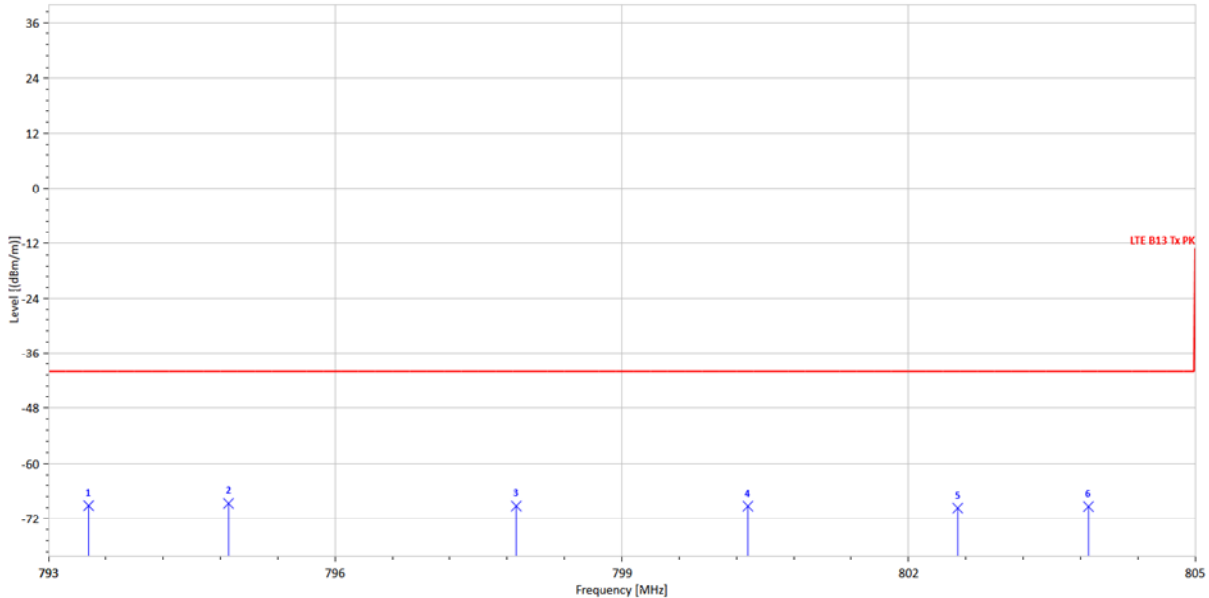
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 784.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 793.42 | S | -69.15 | -70.26 | 5.21 | -4.10 | -40 | -29.15 |
| 794.88 | S | -68.68 | -69.79 | 5.21 | -4.10 | -40 | -28.68 |
| 797.90 | S | -69.23 | -70.35 | 5.22 | -4.11 | -40 | -29.23 |
| 800.32 | S | -69.26 | -70.36 | 5.22 | -4.11 | -40 | -29.26 |
| 802.52 | S | -69.67 | -70.77 | 5.21 | -4.12 | -40 | -29.67 |
| 803.88 | S | -69.35 | -70.44 | 5.21 | -4.12 | -40 | -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

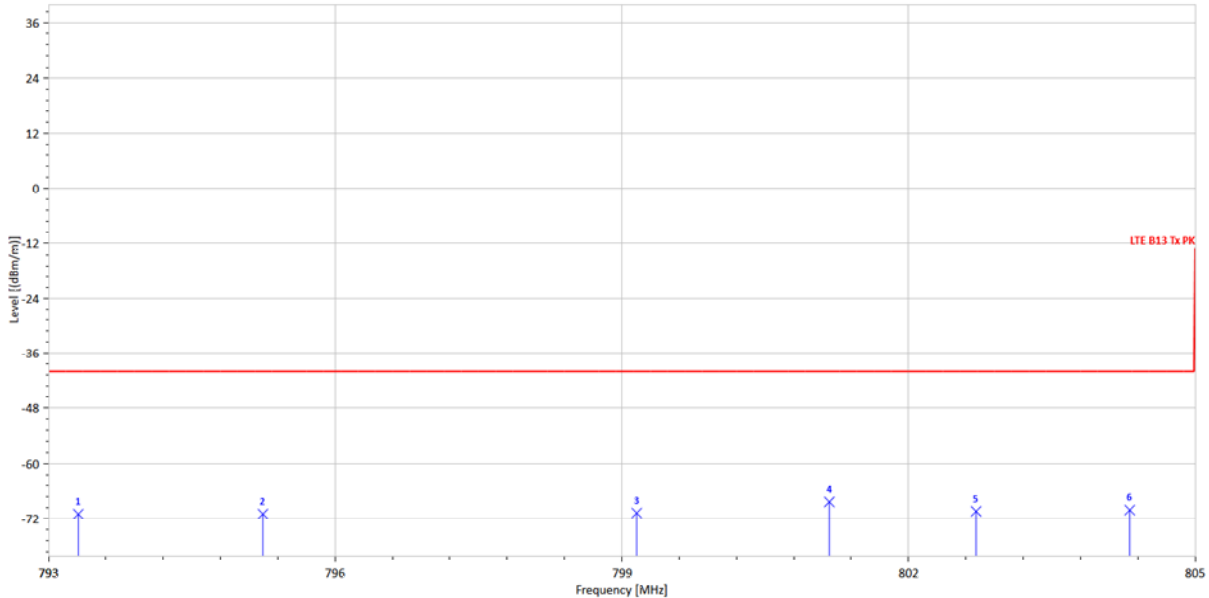
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 784.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 793.31 | S | -70.98 | -72.09 | 5.21 | -4.10 | -40 | -30.98 |
| 795.24 | S | -70.95 | -72.06 | 5.21 | -4.10 | -40 | -30.95 |
| 799.16 | S | -70.74 | -71.85 | 5.22 | -4.11 | -40 | -30.74 |
| 801.17 | S | -68.35 | -69.45 | 5.22 | -4.11 | -40 | -28.35 |
| 802.71 | S | -70.37 | -71.46 | 5.21 | -4.12 | -40 | -30.37 |
| 804.32 | S | -70.11 | -71.19 | 5.21 | -4.12 | -40 | -30.11 |

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

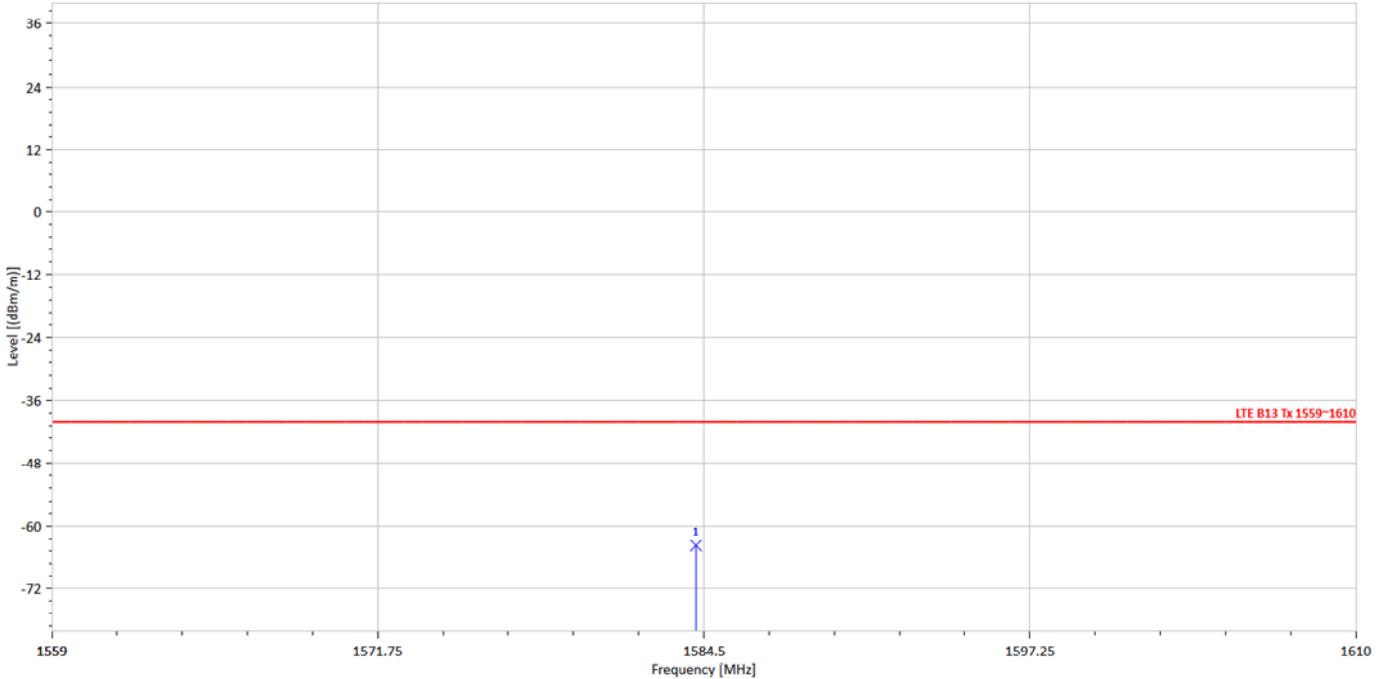
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 13 (inband measurement 1559~1610MHz)

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/2/21 |
| Fundamental Frequency : | 779.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | |
| 1584.19 | S | -63.80 | -63.79 | 6.30 | -6.32 | -40 | -23.80 |

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

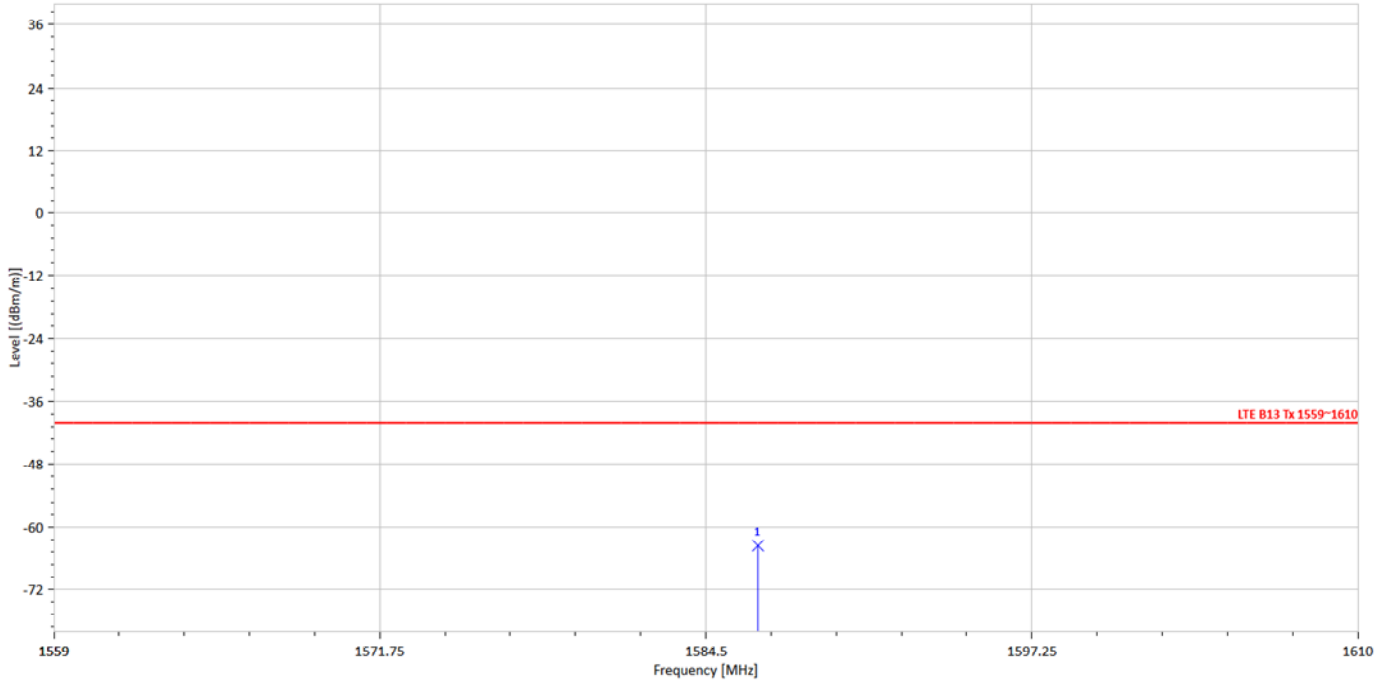
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/2/21 |
| Fundamental Frequency : | 779.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 1586.54 | S | -63.62 | -63.62 | 6.31 | -6.32 | -40 | -23.62 |

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

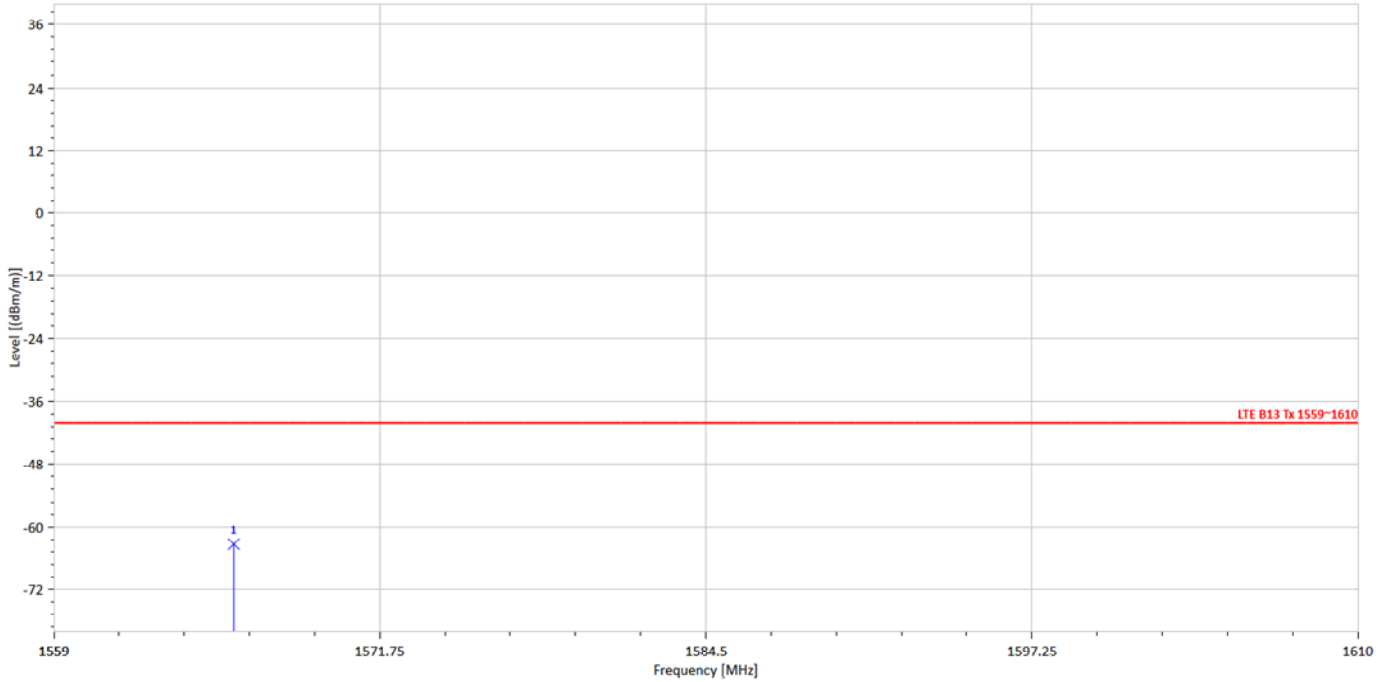
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/2/21 |
| Fundamental Frequency : | 782 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 1566.04 | S | -63.32 | -63.27 | 6.23 | -6.28 | -40 | -23.32 |

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

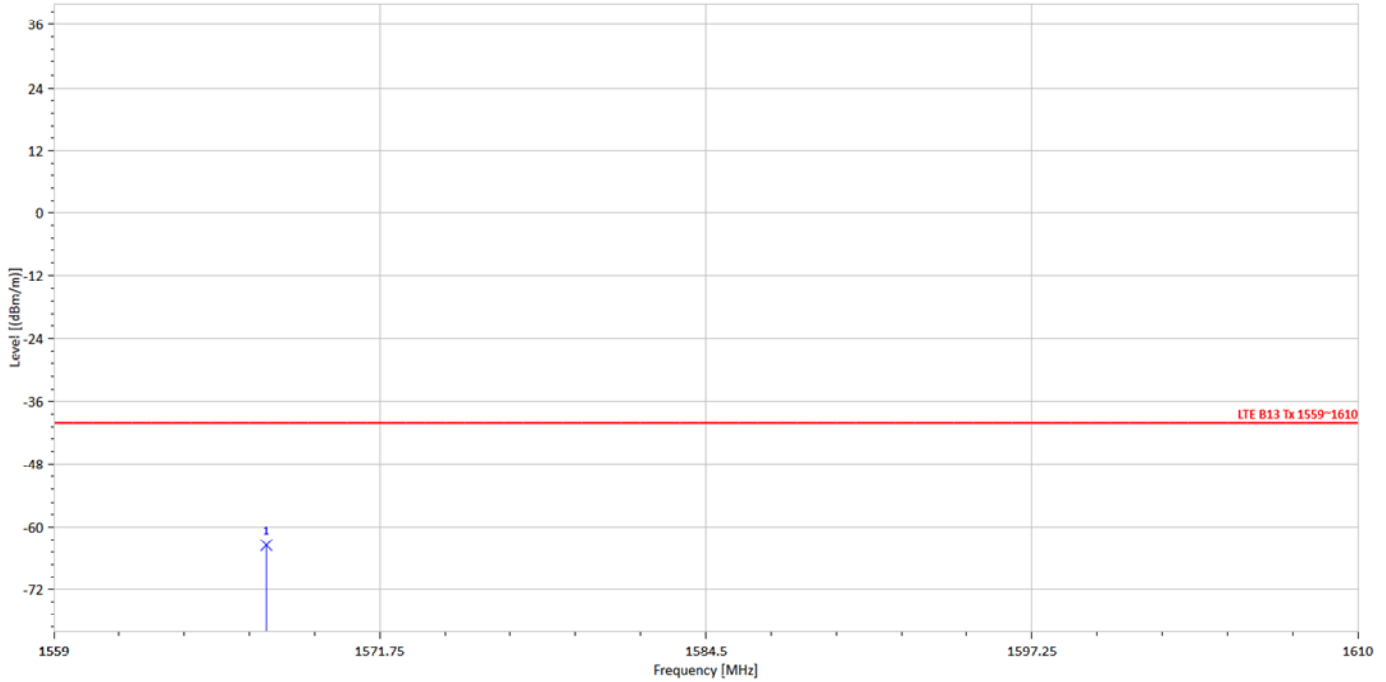
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/2/21 |
| Fundamental Frequency : | 782 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | Measurement Antenna Pol. : | Horizontal |



| 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 | |
| 1567.31 | S | -63.54 | -63.49 | 6.23 | -6.28 | -40 | -23.54 |

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.

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

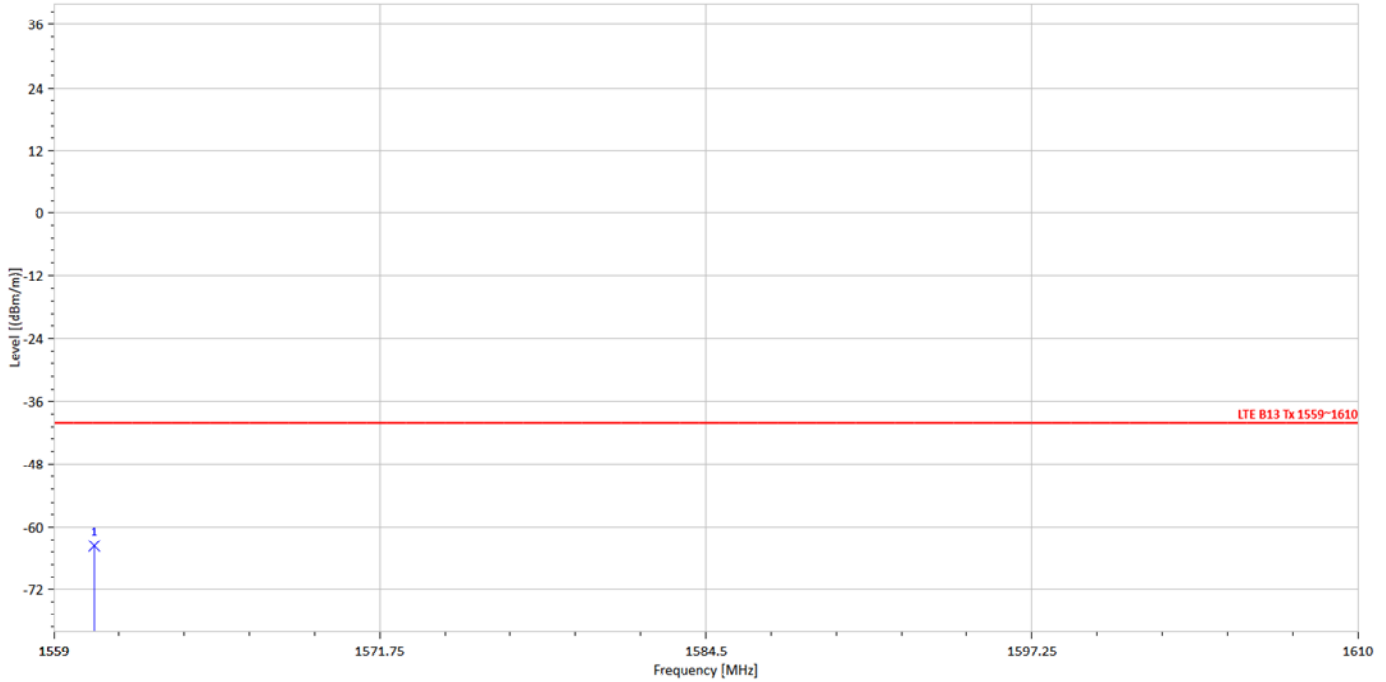
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/2/21 |
| Fundamental Frequency : | 784.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH HIGH | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | |
| 1560.58 | S | -63.68 | -63.62 | 6.20 | -6.26 | -40 | -23.68 |

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

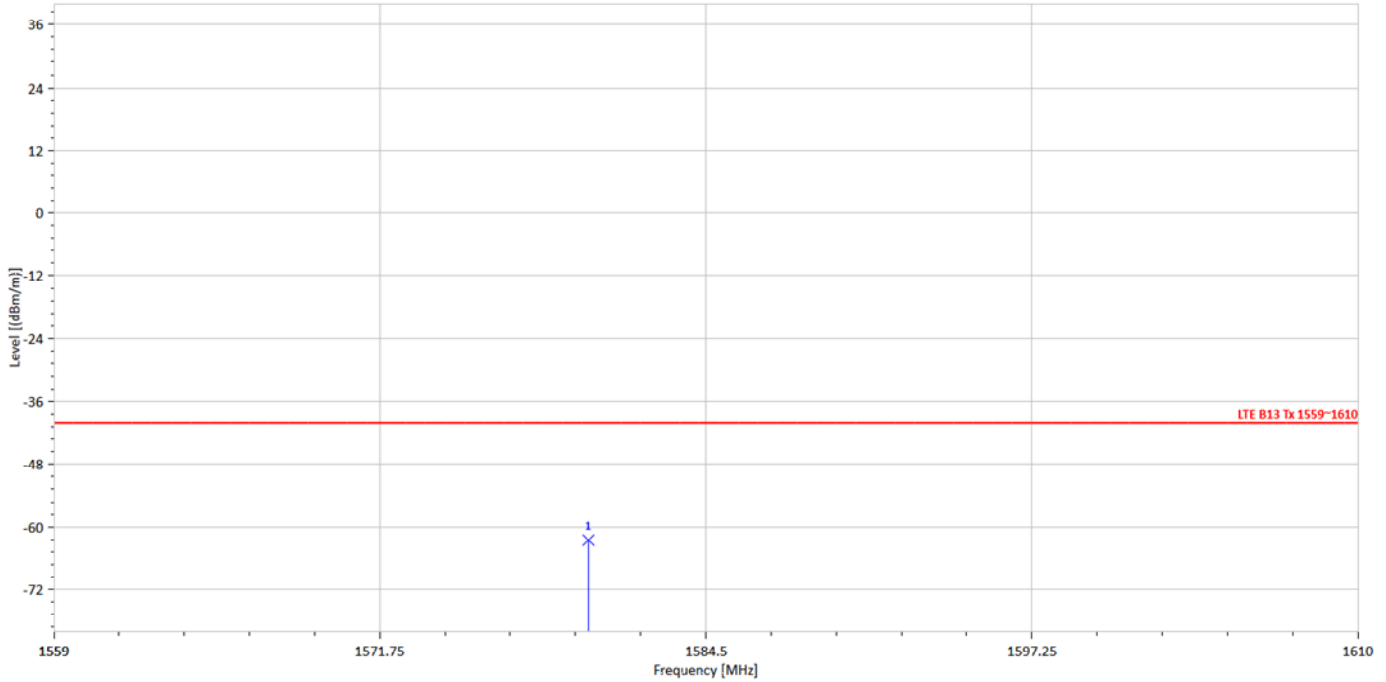
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB13 5M QPSK 1.0 | Test Date : | 2018/2/21 |
| Fundamental Frequency : | 784.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH HIGH | Test Engineer : | Enzo |
| EUT Pol. : | H | Measurement Antenna Pol. : | Horizontal |



| 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 | |
| 1579.91 | S | -62.54 | -62.52 | 6.29 | -6.31 | -40 | -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.

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

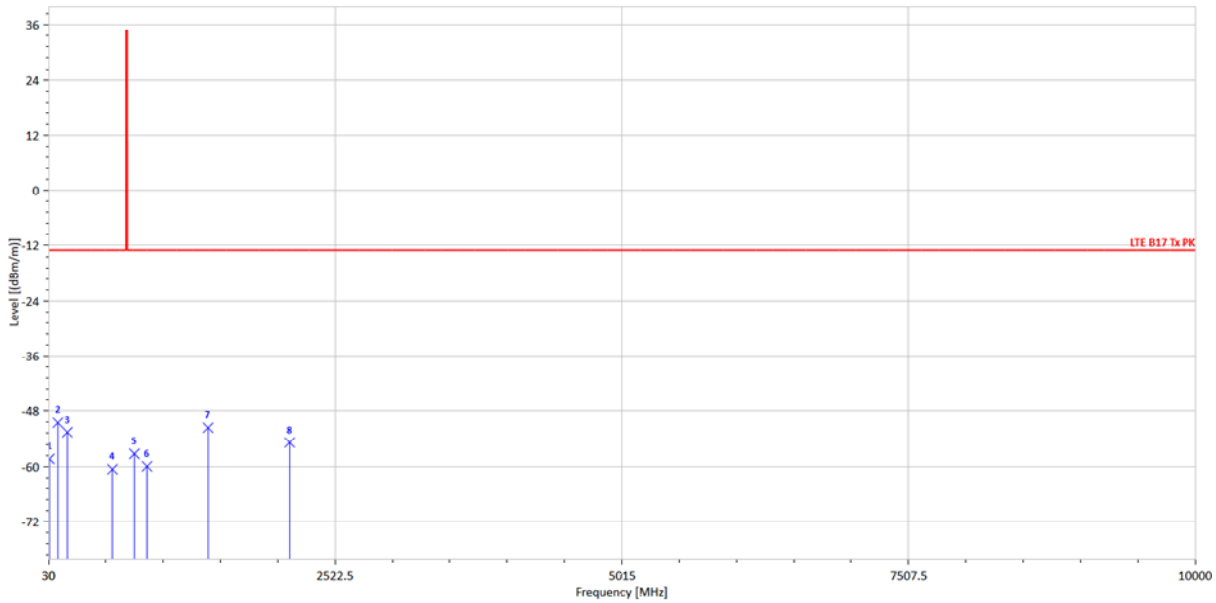
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 17

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB17 10M 16QAM 1.49 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 709 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | EIRP dBm | SG Output Level dBm | Antenna Gain dBi | Cable Loss dB | Limit @ 3m dBm/m | Margin dB |
|--------------|-----------------|-------------|---------------------------|------------------------|---------------------|------------------------|--------------|
| 37.76 | S | -58.36 | -41.59 | -15.92 | -0.85 | -13 | -45.36 |
| 111.48 | S | -50.47 | -45.45 | -3.56 | -1.46 | -13 | -37.47 |
| 193.93 | S | -52.53 | -54.57 | 4.00 | -1.96 | -13 | -39.53 |
| 585.81 | S | -60.59 | -61.30 | 4.22 | -3.51 | -13 | -47.59 |
| 776.90 | S | -57.27 | -58.42 | 5.19 | -4.04 | -13 | -44.27 |
| 886.51 | S | -59.96 | -60.77 | 5.19 | -4.38 | -13 | -46.96 |
| 1418.00 | H | -51.56 | -51.18 | 5.56 | -5.94 | -13 | -38.56 |
| 2127.00 | H | -54.80 | -55.64 | 8.18 | -7.33 | -13 | -41.80 |

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

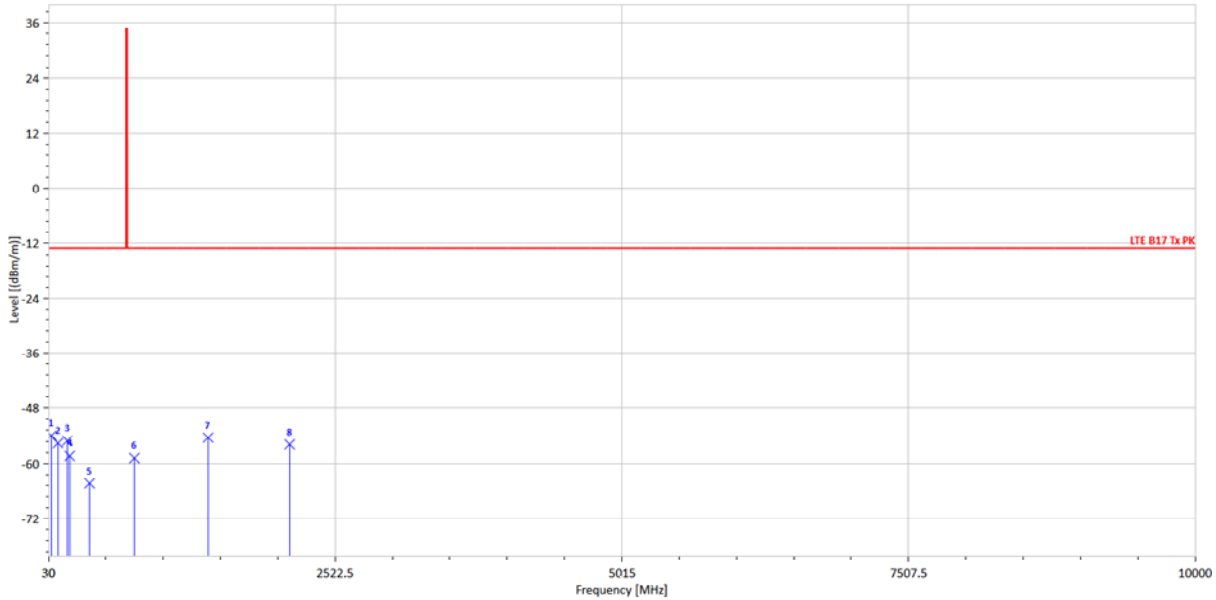
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB17 10M 16QAM 1.49 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 709 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | EIRP dBm | SG Output Level dBm | Antenna Gain dBi | Cable Loss dB | Limit @ 3m dBm/m | Margin dB |
|--------------|-----------------|-------------|---------------------------|------------------------|---------------------|------------------------|--------------|
| 55.22 | S | -53.95 | -47.86 | -5.08 | -1.00 | -13 | -40.95 |
| 112.45 | S | -55.61 | -50.62 | -3.52 | -1.46 | -13 | -42.61 |
| 193.93 | S | -55.09 | -57.13 | 4.00 | -1.96 | -13 | -42.09 |
| 214.30 | S | -58.37 | -60.32 | 4.00 | -2.06 | -13 | -45.37 |
| 386.96 | S | -64.37 | -64.82 | 3.26 | -2.82 | -13 | -51.37 |
| 776.90 | S | -58.85 | -60.00 | 5.19 | -4.04 | -13 | -45.85 |
| 1418.00 | H | -54.39 | -54.00 | 5.56 | -5.94 | -13 | -41.39 |
| 2127.00 | H | -55.88 | -56.73 | 8.18 | -7.33 | -13 | -42.88 |

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

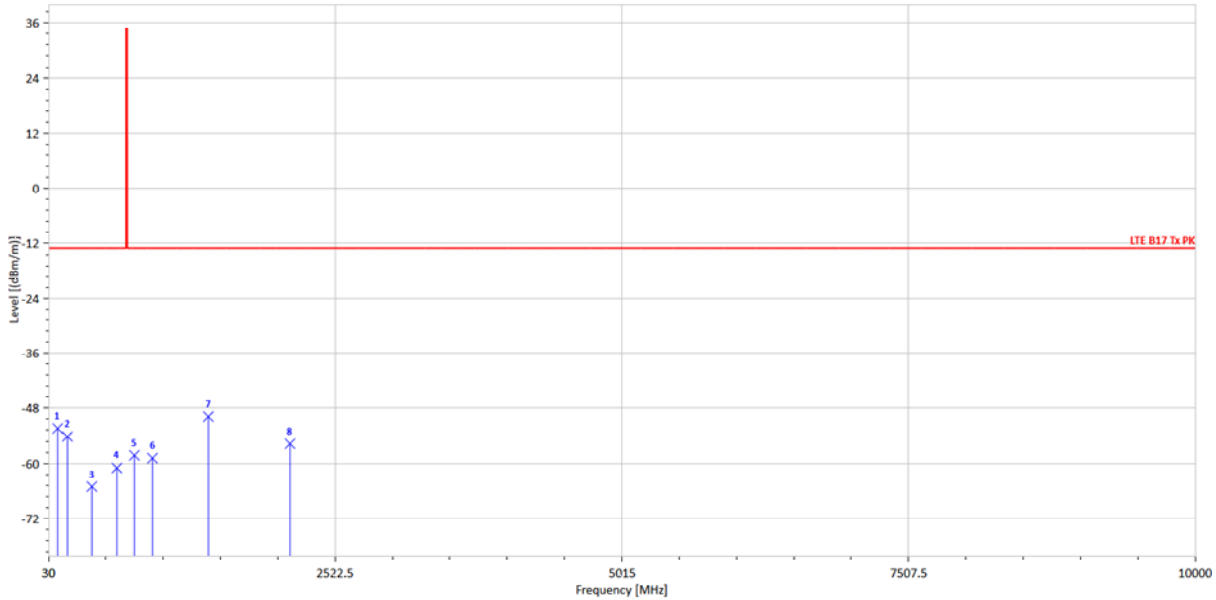
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB17 10M 16QAM 1.49 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 710 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | EIRP dBm | SG Output Level dBm | Antenna Gain dBi | Cable Loss dB | Limit @ 3m dBm/m | Margin dB |
|--------------|-----------------|-------------|---------------------------|------------------------|---------------------|------------------------|--------------|
| 109.54 | S | -52.36 | -47.31 | -3.60 | -1.45 | -13 | -39.36 |
| 194.90 | S | -54.17 | -56.17 | 3.96 | -1.96 | -13 | -41.17 |
| 407.33 | S | -65.06 | -65.42 | 3.26 | -2.91 | -13 | -52.06 |
| 624.61 | S | -60.98 | -61.81 | 4.47 | -3.64 | -13 | -47.98 |
| 776.90 | S | -58.25 | -59.40 | 5.19 | -4.04 | -13 | -45.25 |
| 934.04 | S | -58.86 | -59.73 | 5.36 | -4.48 | -13 | -45.86 |
| 1420.00 | H | -49.82 | -49.44 | 5.57 | -5.95 | -13 | -36.82 |
| 2130.00 | H | -55.76 | -56.61 | 8.18 | -7.34 | -13 | -42.76 |

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.

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

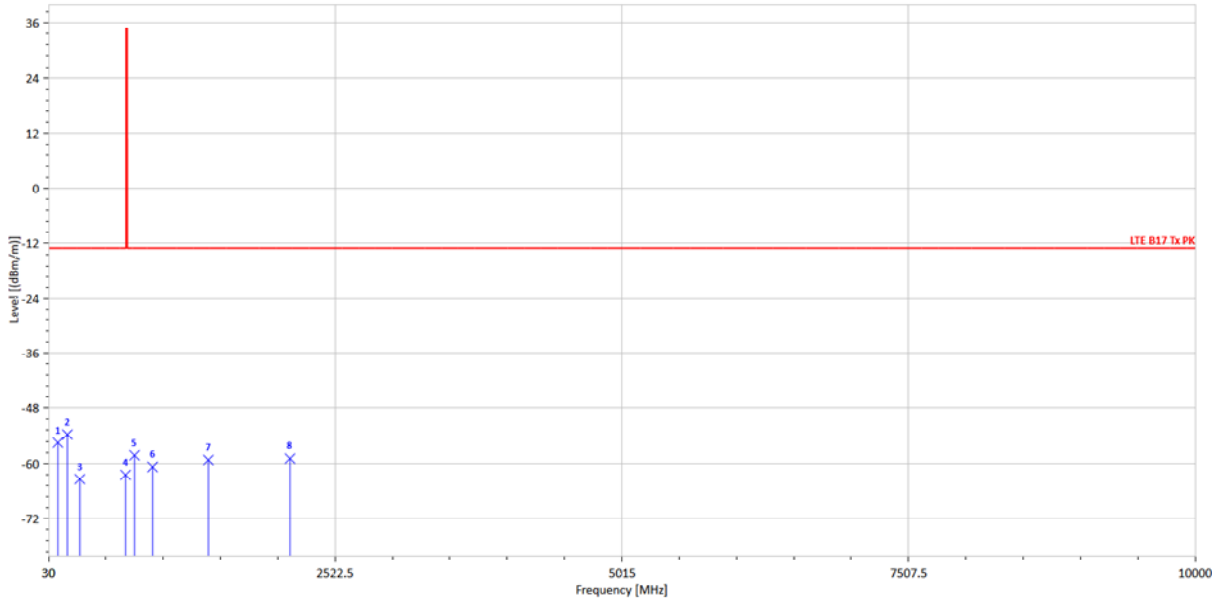
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB17 10M 16QAM 1.49 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 710 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | EIRP dBm | SG Output Level dBm | Antenna Gain dBi | Cable Loss dB | Limit @ 3m dBm/m | Margin dB |
|--------------|-----------------|-------------|---------------------------|------------------------|---------------------|------------------------|--------------|
| 111.48 | S | -55.51 | -50.50 | -3.56 | -1.46 | -13 | -42.51 |
| 193.93 | S | -53.70 | -55.74 | 4.00 | -1.96 | -13 | -40.70 |
| 302.57 | S | -63.41 | -64.44 | 3.50 | -2.47 | -13 | -50.41 |
| 700.27 | S | -62.49 | -63.73 | 5.06 | -3.82 | -13 | -49.49 |
| 777.87 | S | -58.24 | -59.39 | 5.19 | -4.04 | -13 | -45.24 |
| 935.01 | S | -60.76 | -61.63 | 5.36 | -4.49 | -13 | -47.76 |
| 1420.00 | H | -59.25 | -58.87 | 5.57 | -5.95 | -13 | -46.25 |
| 2130.00 | H | -58.95 | -59.80 | 8.18 | -7.34 | -13 | -45.95 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

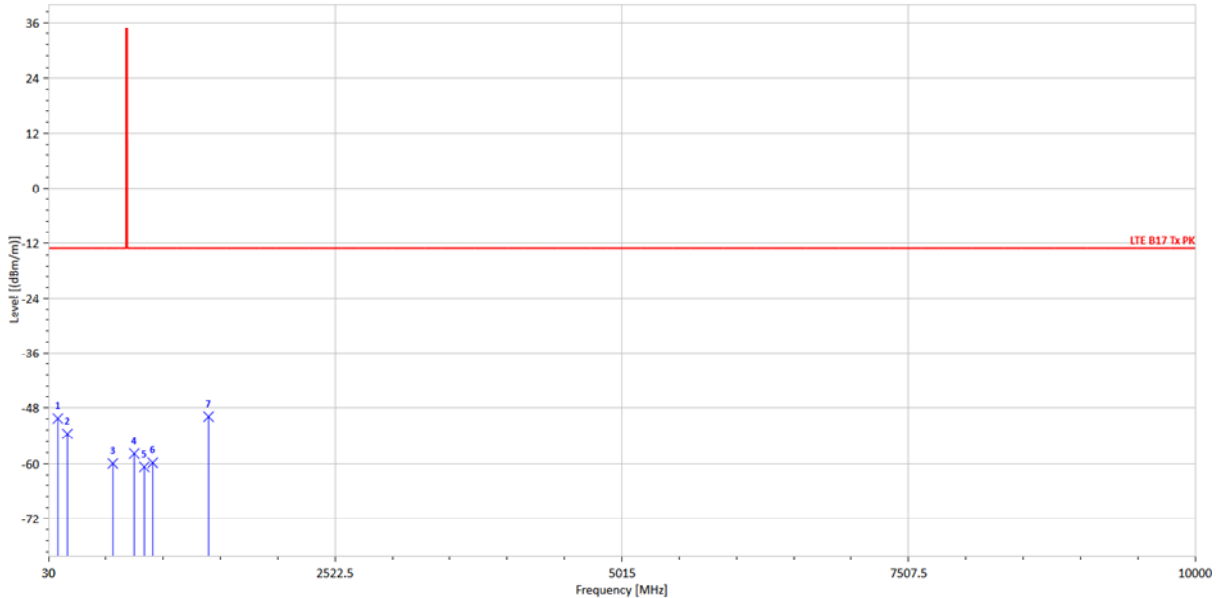
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB17 10M 16QAM 1.49 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 711 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | Measurement Antenna Pol. : | Vertical |



| Freq. MHz | Note F/H/E/S | EIRP dBm | SG Output Level dBm | Antenna Gain dBi | Cable Loss dB | Limit @ 3m dBm/m | Margin dB |
|--------------|-----------------|-------------|---------------------------|------------------------|---------------------|------------------------|--------------|
| 111.48 | S | -50.25 | -45.24 | -3.56 | -1.46 | -13 | -37.25 |
| 194.90 | S | -53.55 | -55.55 | 3.96 | -1.96 | -13 | -40.55 |
| 589.69 | S | -59.98 | -60.70 | 4.25 | -3.53 | -13 | -46.98 |
| 775.93 | S | -57.86 | -59.02 | 5.19 | -4.03 | -13 | -44.86 |
| 863.23 | S | -60.71 | -61.49 | 5.10 | -4.32 | -13 | -47.71 |
| 935.98 | S | -59.83 | -60.70 | 5.36 | -4.49 | -13 | -46.83 |
| 1422.00 | H | -49.84 | -49.46 | 5.58 | -5.95 | -13 | -36.84 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

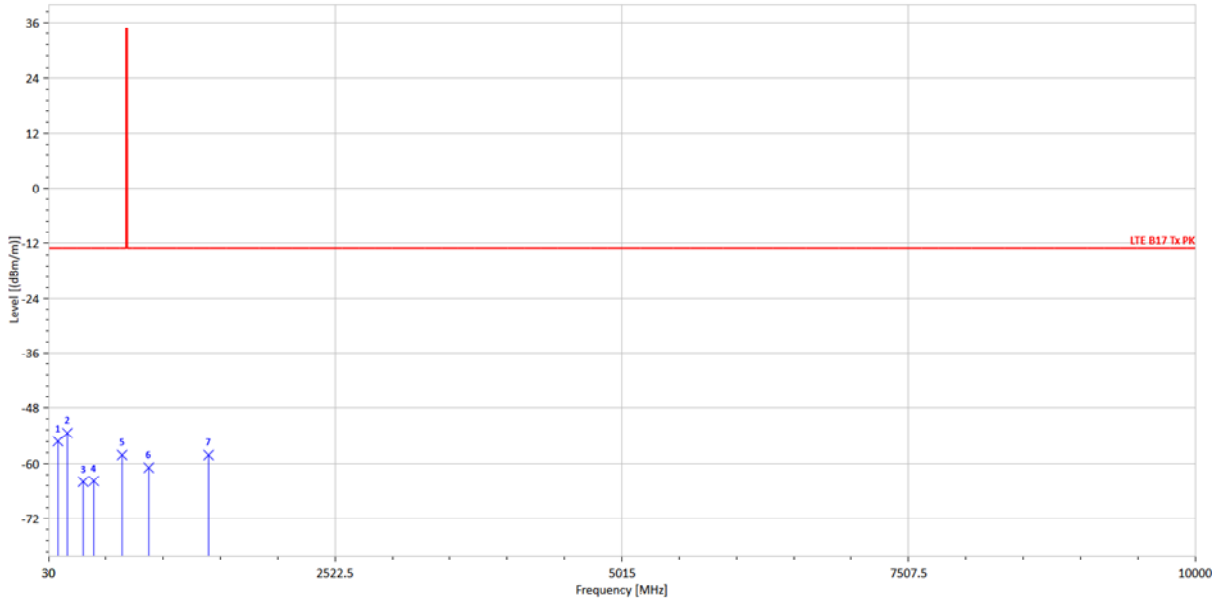
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB17 10M 16QAM 1.49 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 711 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | Measurement Antenna Pol. : | Horizontal |



| Freq. MHz | Note F/H/E/S | EIRP dBm | SG Output Level dBm | Antenna Gain dBi | Cable Loss dB | Limit @ 3m dBm/m | Margin dB |
|--------------|-----------------|-------------|---------------------------|------------------------|---------------------|------------------------|--------------|
| 112.45 | S | -55.19 | -50.20 | -3.52 | -1.46 | -13 | -42.19 |
| 193.93 | S | -53.38 | -55.42 | 4.00 | -1.96 | -13 | -40.38 |
| 331.67 | S | -64.00 | -64.85 | 3.46 | -2.61 | -13 | -51.00 |
| 423.82 | S | -63.84 | -64.28 | 3.40 | -2.96 | -13 | -50.84 |
| 670.20 | S | -58.19 | -59.25 | 4.80 | -3.74 | -13 | -45.19 |
| 902.03 | S | -60.92 | -61.76 | 5.25 | -4.41 | -13 | -47.92 |
| 1422.00 | H | -58.20 | -57.83 | 5.58 | -5.95 | -13 | -45.20 |

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.

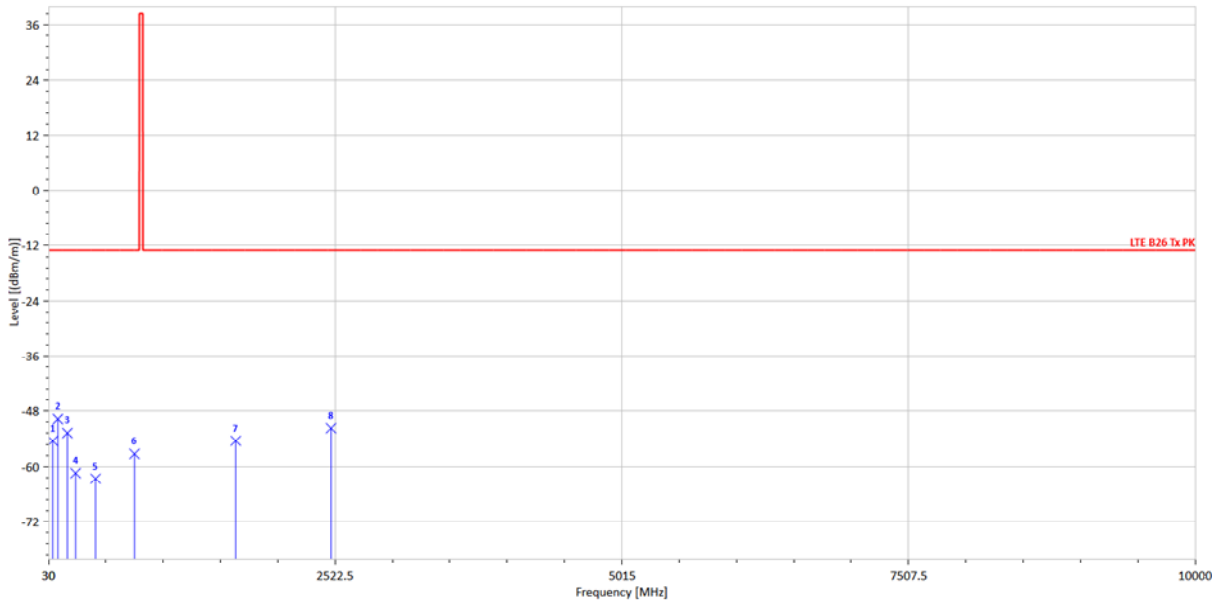
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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

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

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB26 10M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 829 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|------------------------|--------------|
| 66.86 | S | -54.45 | -51.01 | -2.33 | -1.11 | -13 | -41.45 |
| 111.48 | S | -49.70 | -44.68 | -3.56 | -1.46 | -13 | -36.70 |
| 193.93 | S | -52.71 | -54.75 | 4.00 | -1.96 | -13 | -39.71 |
| 265.71 | S | -61.42 | -61.75 | 2.65 | -2.32 | -13 | -48.42 |
| 439.34 | S | -62.65 | -63.18 | 3.53 | -3.01 | -13 | -49.65 |
| 777.87 | S | -57.30 | -58.45 | 5.19 | -4.04 | -13 | -44.30 |
| 1658.00 | H | -54.43 | -54.57 | 6.61 | -6.47 | -13 | -41.43 |
| 2487.00 | H | -51.65 | -52.38 | 8.54 | -7.81 | -13 | -38.65 |

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

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

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

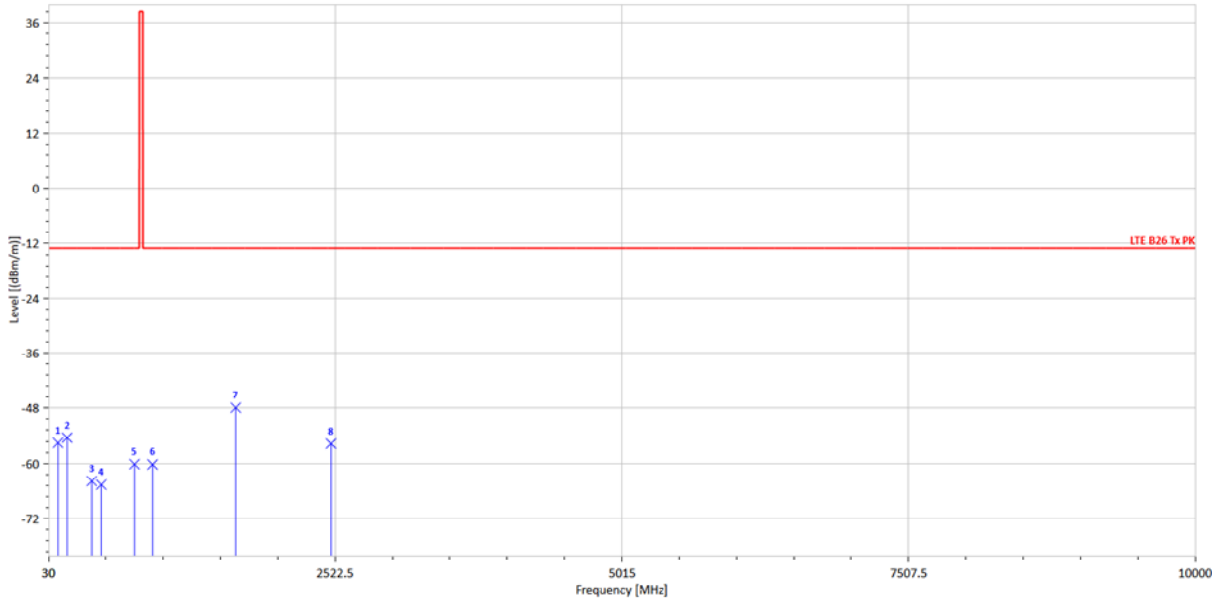
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB26 10M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 829 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|------------------------|--------------|
| 112.45 | S | -55.54 | -50.55 | -3.52 | -1.46 | -13 | -42.54 |
| 191.99 | S | -54.40 | -56.51 | 4.07 | -1.95 | -13 | -41.40 |
| 406.36 | S | -63.84 | -64.19 | 3.25 | -2.90 | -13 | -50.84 |
| 488.81 | S | -64.63 | -65.39 | 3.95 | -3.19 | -13 | -51.63 |
| 777.87 | S | -60.15 | -61.31 | 5.19 | -4.04 | -13 | -47.15 |
| 935.01 | S | -60.21 | -61.09 | 5.36 | -4.49 | -13 | -47.21 |
| 1658.00 | H | -47.90 | -48.04 | 6.61 | -6.47 | -13 | -34.90 |
| 2487.00 | H | -55.71 | -56.43 | 8.54 | -7.81 | -13 | -42.71 |

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

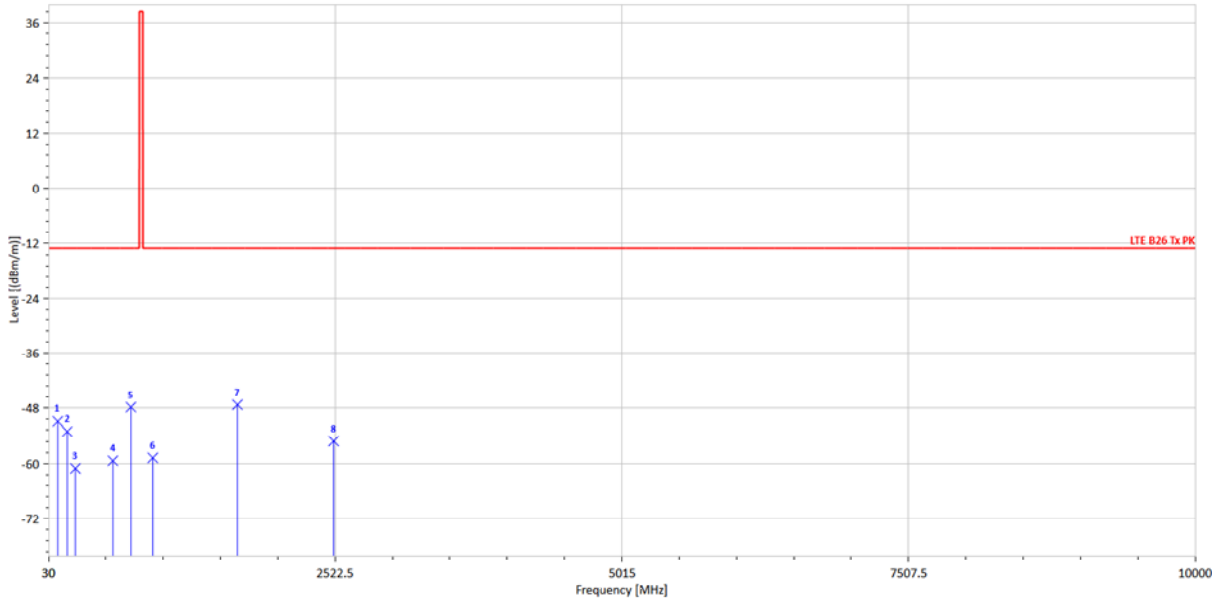
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB26 10M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 836.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -50.82 | -45.78 | -3.59 | -1.45 | -13 | -37.82 |
| 192.96 | S | -53.05 | -55.13 | 4.03 | -1.95 | -13 | -40.05 |
| 263.77 | S | -61.05 | -61.19 | 2.45 | -2.32 | -13 | -48.05 |
| 589.69 | S | -59.40 | -60.12 | 4.25 | -3.53 | -13 | -46.40 |
| 746.83 | S | -47.78 | -49.01 | 5.15 | -3.93 | -13 | -34.78 |
| 936.95 | S | -58.78 | -59.65 | 5.37 | -4.49 | -13 | -45.78 |
| 1673.00 | H | -47.26 | -47.43 | 6.68 | -6.50 | -13 | -34.26 |
| 2509.50 | H | -55.17 | -55.89 | 8.56 | -7.84 | -13 | -42.17 |

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

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

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

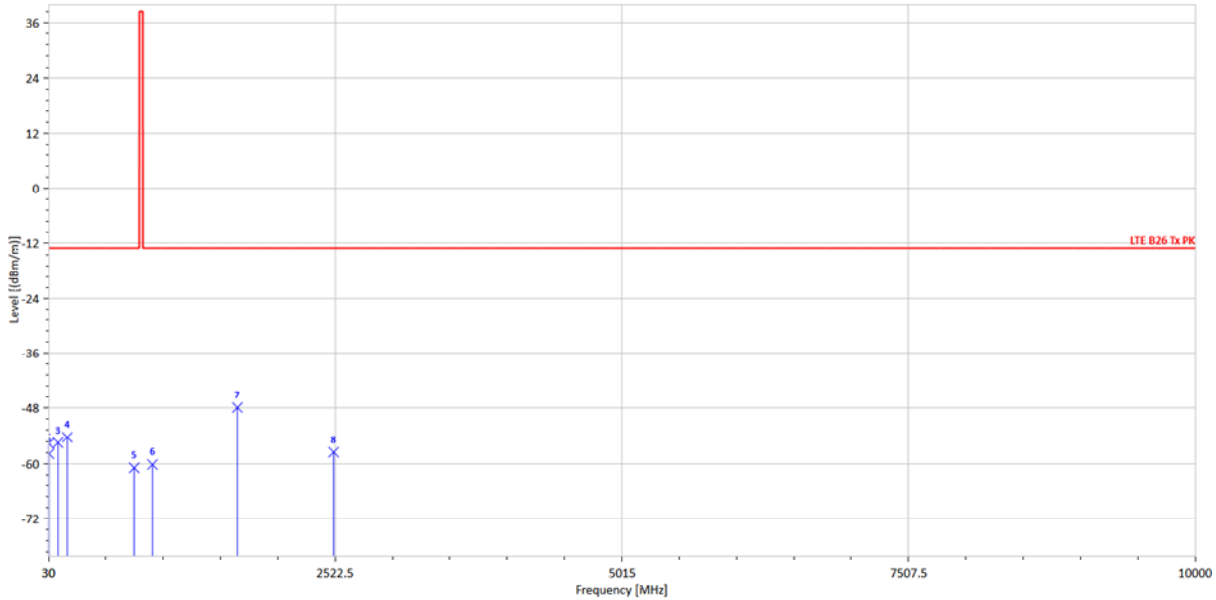
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB26 10M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 836.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -55.68 | -34.03 | -20.82 | -0.83 | -13 | -42.68 |
| 34.85 | S | -57.90 | -38.77 | -18.29 | -0.84 | -13 | -44.90 |
| 112.45 | S | -55.50 | -50.51 | -3.52 | -1.46 | -13 | -42.50 |
| 192.96 | S | -54.31 | -56.39 | 4.03 | -1.95 | -13 | -41.31 |
| 774.96 | S | -60.90 | -62.06 | 5.19 | -4.03 | -13 | -47.90 |
| 934.04 | S | -60.19 | -61.07 | 5.36 | -4.48 | -13 | -47.19 |
| 1673.00 | H | -47.88 | -48.05 | 6.68 | -6.50 | -13 | -34.88 |
| 2509.50 | H | -57.55 | -58.28 | 8.56 | -7.84 | -13 | -44.55 |

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

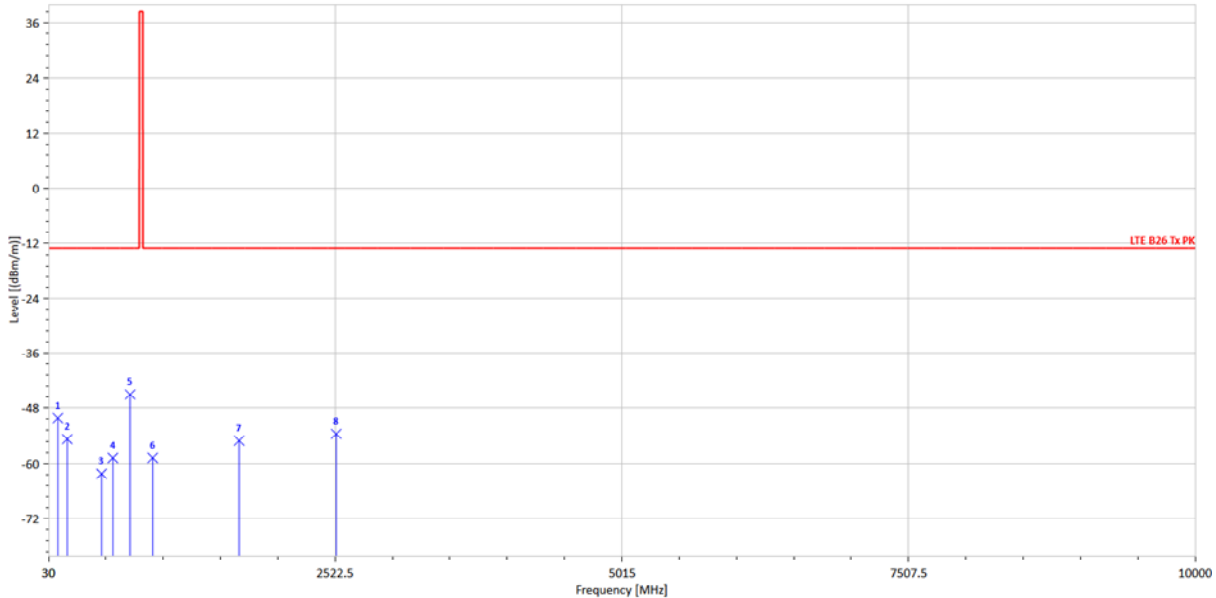
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB26 10M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 844 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -50.14 | -45.12 | -3.56 | -1.46 | -13 | -37.14 |
| 192.96 | S | -54.73 | -56.81 | 4.03 | -1.95 | -13 | -41.73 |
| 491.72 | S | -62.22 | -63.00 | 3.97 | -3.20 | -13 | -49.22 |
| 589.69 | S | -58.81 | -59.53 | 4.25 | -3.53 | -13 | -45.81 |
| 740.04 | S | -44.99 | -46.22 | 5.14 | -3.91 | -13 | -31.99 |
| 935.98 | S | -58.79 | -59.67 | 5.36 | -4.49 | -13 | -45.79 |
| 1688.00 | H | -55.08 | -55.28 | 6.74 | -6.53 | -13 | -42.08 |
| 2532.00 | H | -53.57 | -54.29 | 8.59 | -7.87 | -13 | -40.57 |

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

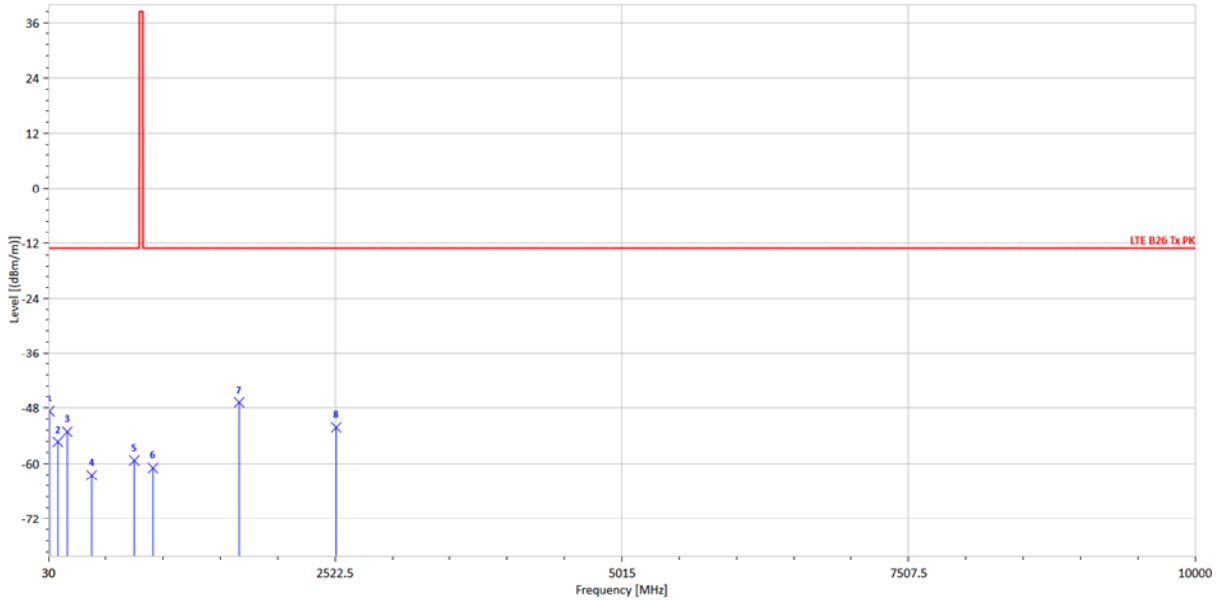
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB26 10M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 844 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|------------------------|--------------|
| 37.76 | S | -48.64 | -31.87 | -15.92 | -0.85 | -13 | -35.64 |
| 111.48 | S | -55.38 | -50.37 | -3.56 | -1.46 | -13 | -42.38 |
| 192.96 | S | -53.05 | -55.12 | 4.03 | -1.95 | -13 | -40.05 |
| 405.39 | S | -62.56 | -62.91 | 3.25 | -2.90 | -13 | -49.56 |
| 775.93 | S | -59.35 | -60.51 | 5.19 | -4.03 | -13 | -46.35 |
| 938.89 | S | -60.96 | -61.83 | 5.37 | -4.50 | -13 | -47.96 |
| 1688.00 | H | -46.81 | -47.02 | 6.74 | -6.53 | -13 | -33.81 |
| 2532.00 | H | -52.11 | -52.83 | 8.59 | -7.87 | -13 | -39.11 |

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

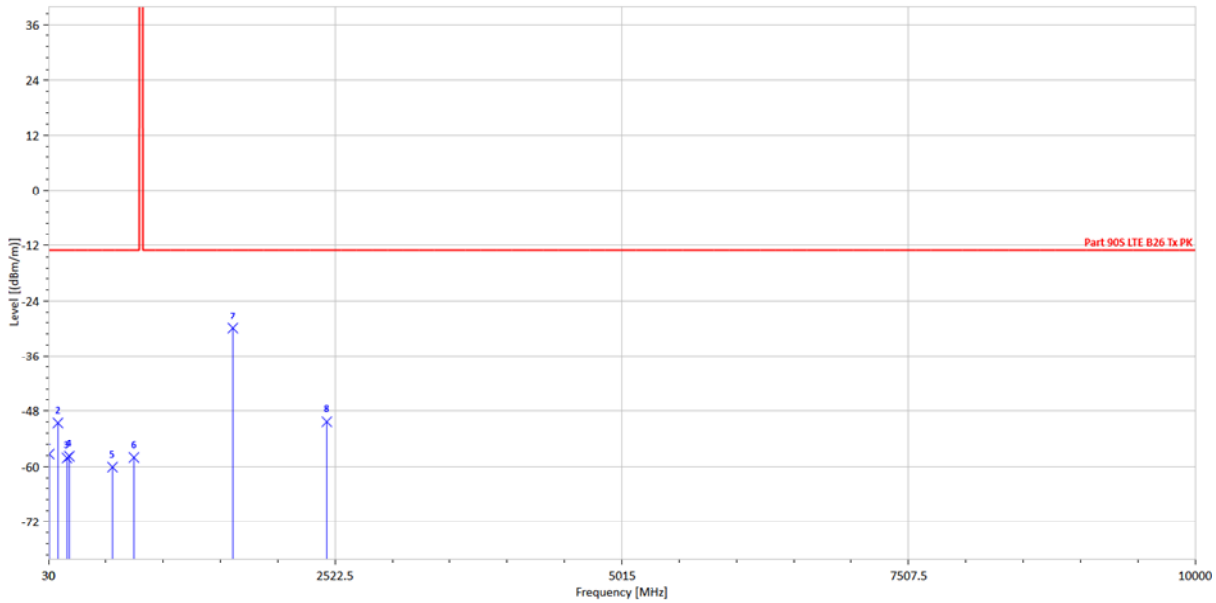
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 26 for Part 90S

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB26 1.4M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 814.7 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Ashton |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 36.79 | S | -57.34 | -39.79 | -16.71 | -0.85 | -13 | -44.34 |
| 112.45 | S | -50.53 | -45.54 | -3.52 | -1.46 | -13 | -37.53 |
| 191.02 | S | -58.17 | -60.33 | 4.10 | -1.95 | -13 | -45.17 |
| 211.39 | S | -57.81 | -59.77 | 4.00 | -2.05 | -13 | -44.81 |
| 586.78 | S | -60.12 | -60.83 | 4.23 | -3.52 | -13 | -47.12 |
| 773.02 | S | -58.07 | -59.23 | 5.19 | -4.02 | -13 | -45.07 |
| 1633.40 | H | -29.97 | -30.06 | 6.51 | -6.42 | -13 | -16.97 |
| 2450.10 | H | -50.28 | -51.01 | 8.50 | -7.77 | -13 | -37.28 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

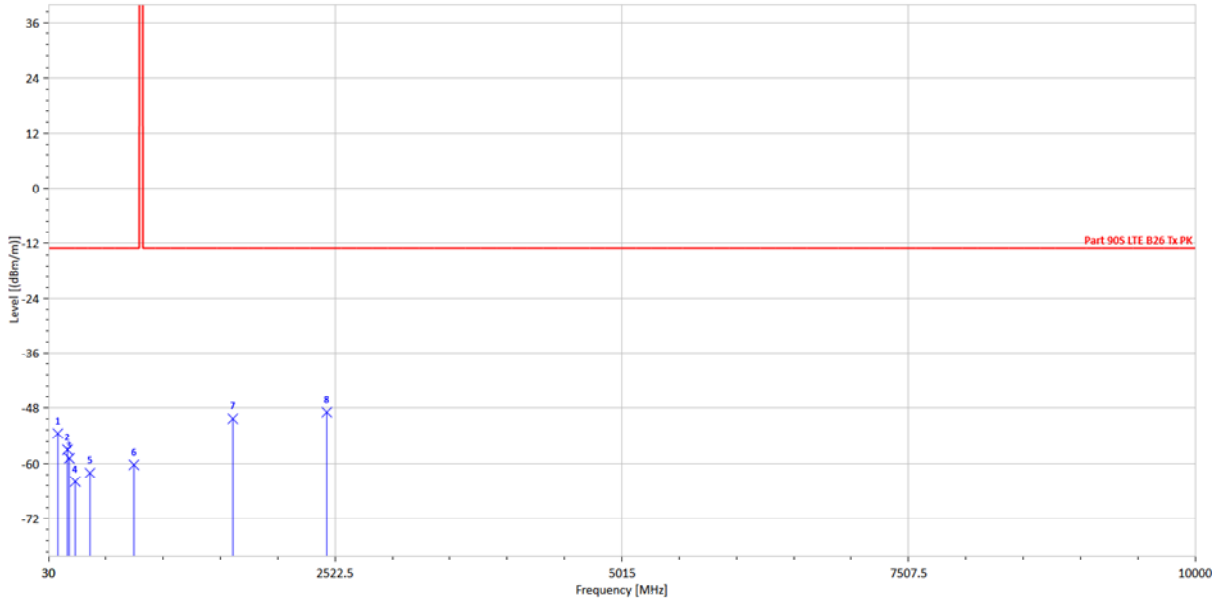
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB26 1.4M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 814.7 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Ashton |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 111.48 | S | -53.46 | -48.44 | -3.56 | -1.46 | -13 | -40.46 |
| 194.90 | S | -57.03 | -59.03 | 3.96 | -1.96 | -13 | -44.03 |
| 211.39 | S | -58.89 | -60.85 | 4.00 | -2.05 | -13 | -45.89 |
| 262.80 | S | -63.96 | -64.00 | 2.35 | -2.31 | -13 | -50.96 |
| 390.84 | S | -62.05 | -62.46 | 3.24 | -2.83 | -13 | -49.05 |
| 773.02 | S | -60.27 | -61.44 | 5.19 | -4.02 | -13 | -47.27 |
| 1633.40 | H | -50.29 | -50.38 | 6.51 | -6.42 | -13 | -37.29 |
| 2450.10 | H | -48.89 | -49.62 | 8.50 | -7.77 | -13 | -35.89 |

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

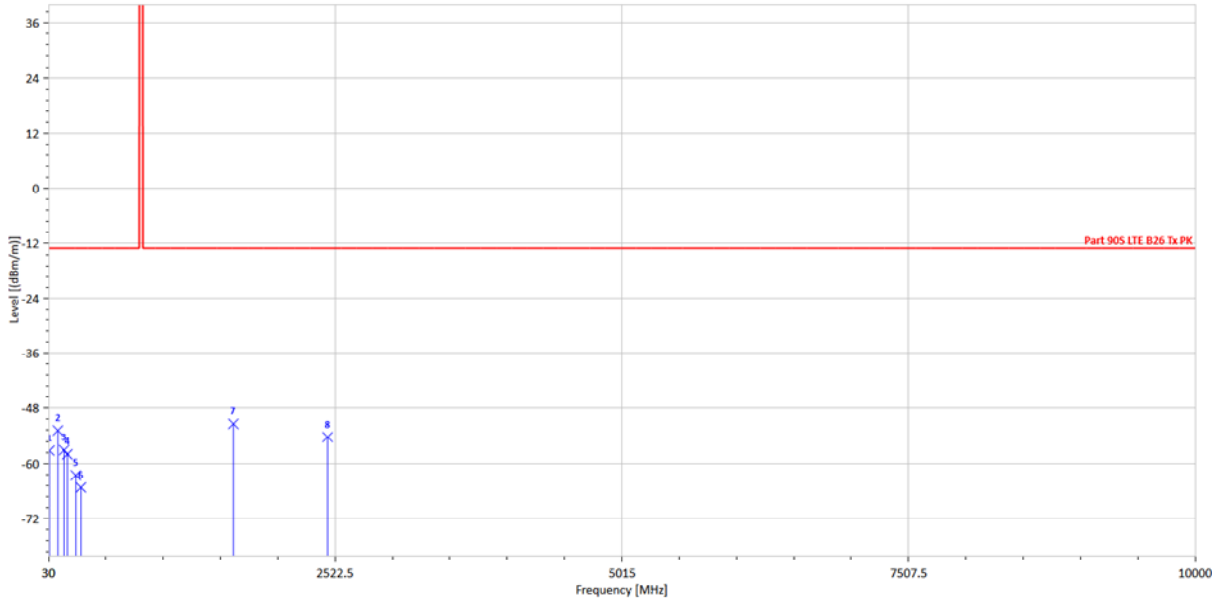
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB26 1.4M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 819 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Ashton |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -57.22 | -40.45 | -15.92 | -0.85 | -13 | -44.22 |
| 111.48 | S | -52.82 | -47.80 | -3.56 | -1.46 | -13 | -39.82 |
| 165.80 | S | -57.11 | -57.36 | 2.05 | -1.80 | -13 | -44.11 |
| 193.93 | S | -58.03 | -60.07 | 4.00 | -1.96 | -13 | -45.03 |
| 267.65 | S | -62.58 | -63.10 | 2.85 | -2.33 | -13 | -49.58 |
| 312.27 | S | -65.24 | -66.20 | 3.49 | -2.52 | -13 | -52.24 |
| 1638.00 | H | -51.37 | -51.47 | 6.53 | -6.43 | -13 | -38.37 |
| 2457.00 | H | -54.27 | -55.00 | 8.51 | -7.78 | -13 | -41.27 |

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

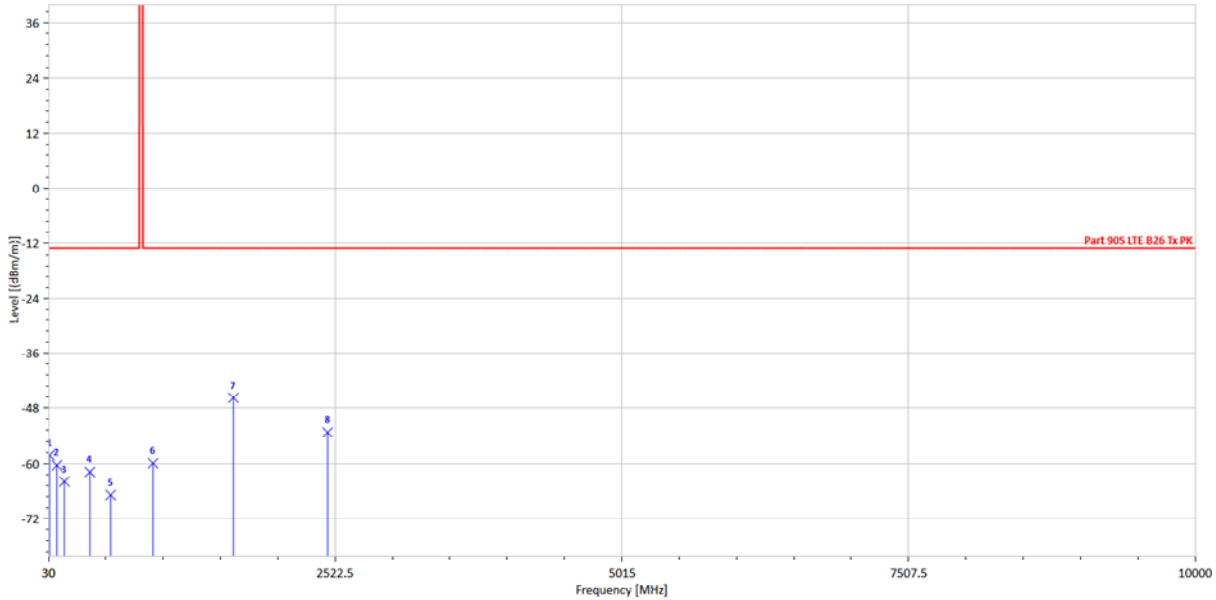
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB26 1.4M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 819 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Ashton |
| EUT Pol. : | H | Measurement Antenna Pol. : | Horizontal |



| Freq. | Note | ERP/EIRP | SG Output | Antenna | Cable | Limit | Margin |
|---------|---------|----------|--------------|-----------------|------------|--------------|--------|
| MHz | F/H/E/S | dBm | Level dBm | Gain dBd/dBi | Loss dB | @3m dBm/m | dB |
| 38.73 | S | -58.23 | -42.24 | -15.13 | -0.85 | -13 | -45.23 |
| 102.75 | S | -60.38 | -55.57 | -3.41 | -1.40 | -13 | -47.38 |
| 167.74 | S | -63.96 | -64.43 | 2.29 | -1.82 | -13 | -50.96 |
| 389.87 | S | -61.83 | -62.25 | 3.25 | -2.83 | -13 | -48.83 |
| 570.29 | S | -66.89 | -67.54 | 4.11 | -3.46 | -13 | -53.89 |
| 938.89 | S | -59.93 | -60.81 | 5.37 | -4.50 | -13 | -46.93 |
| 1638.00 | H | -45.74 | -45.84 | 6.53 | -6.43 | -13 | -32.74 |
| 2457.00 | H | -53.21 | -53.94 | 8.51 | -7.78 | -13 | -40.21 |

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

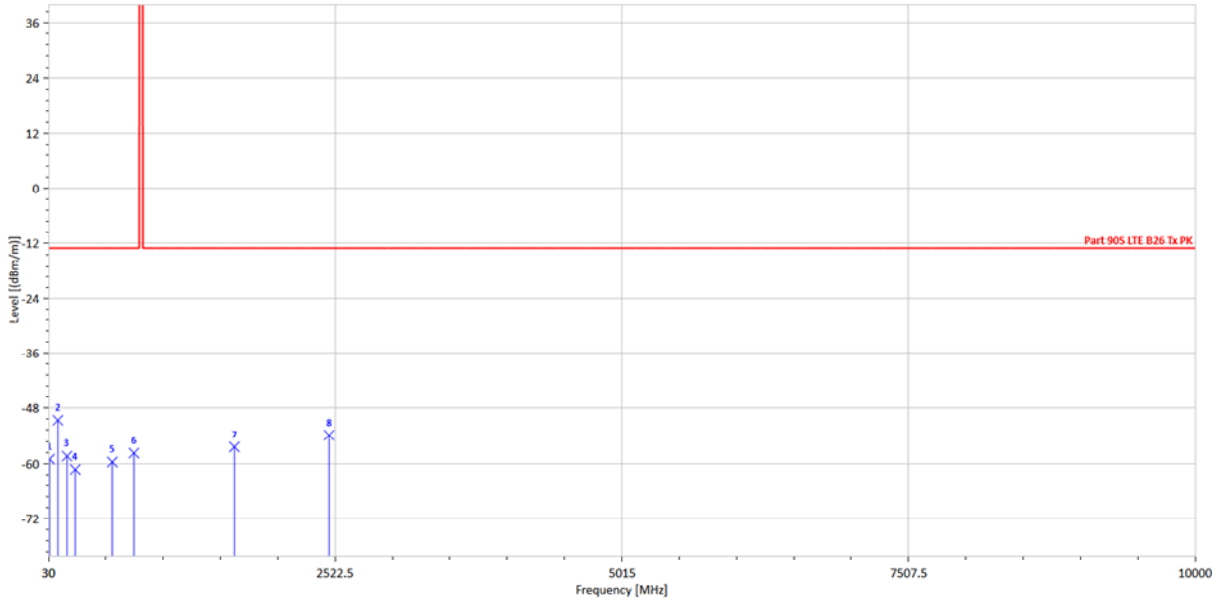
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB26 1.4M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 823.3 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Ashton |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 38.73 | S | -59.05 | -43.07 | -15.13 | -0.85 | -13 | -46.05 |
| 111.48 | S | -50.61 | -45.60 | -3.56 | -1.46 | -13 | -37.61 |
| 191.02 | S | -58.40 | -60.56 | 4.10 | -1.95 | -13 | -45.40 |
| 262.80 | S | -61.27 | -61.31 | 2.35 | -2.31 | -13 | -48.27 |
| 584.84 | S | -59.66 | -60.36 | 4.21 | -3.51 | -13 | -46.66 |
| 773.02 | S | -57.75 | -58.92 | 5.19 | -4.02 | -13 | -44.75 |
| 1646.60 | H | -56.42 | -56.54 | 6.57 | -6.45 | -13 | -43.42 |
| 2469.90 | H | -53.84 | -54.57 | 8.52 | -7.79 | -13 | -40.84 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

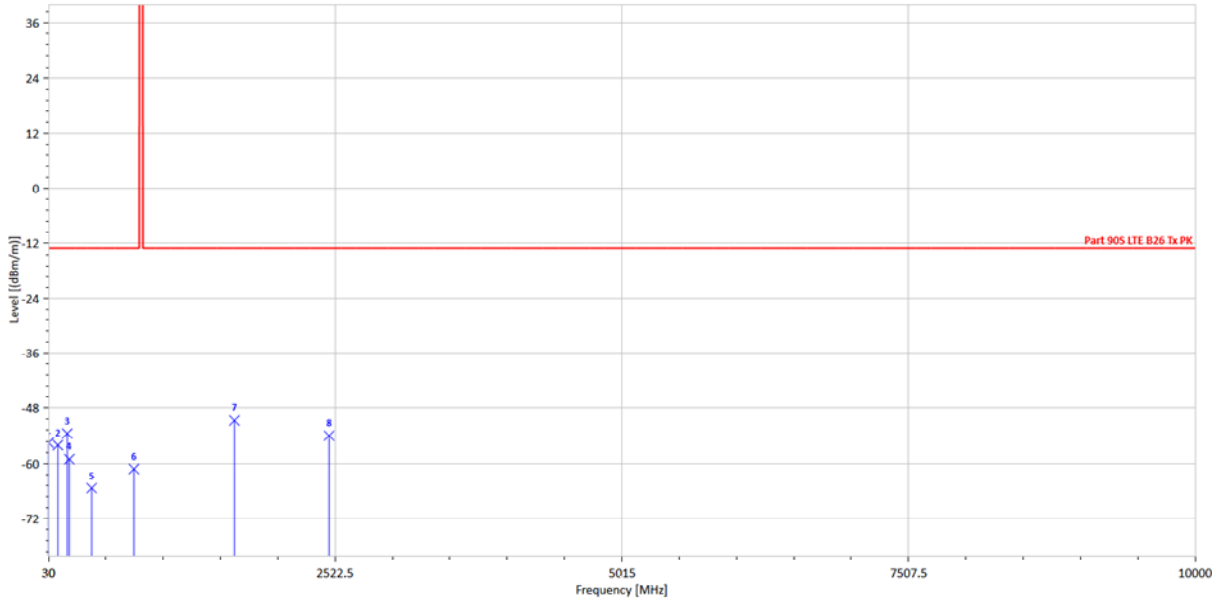
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|----------------------|----------------------------|----------------|
| Operation Mode : | LTEB26 1.4M QPSK 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 823.3 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Ashton |
| EUT Pol. : | H | 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 | -55.53 | -33.05 | -21.66 | -0.82 | -13 | -42.53 |
| 111.48 | S | -56.04 | -51.03 | -3.56 | -1.46 | -13 | -43.04 |
| 192.96 | S | -53.48 | -55.56 | 4.03 | -1.95 | -13 | -40.48 |
| 211.39 | S | -59.08 | -61.04 | 4.00 | -2.05 | -13 | -46.08 |
| 405.39 | S | -65.40 | -65.75 | 3.25 | -2.90 | -13 | -52.40 |
| 773.02 | S | -61.18 | -62.35 | 5.19 | -4.02 | -13 | -48.18 |
| 1646.60 | H | -50.64 | -50.76 | 6.57 | -6.45 | -13 | -37.64 |
| 2469.90 | H | -53.97 | -54.70 | 8.52 | -7.79 | -13 | -40.97 |

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

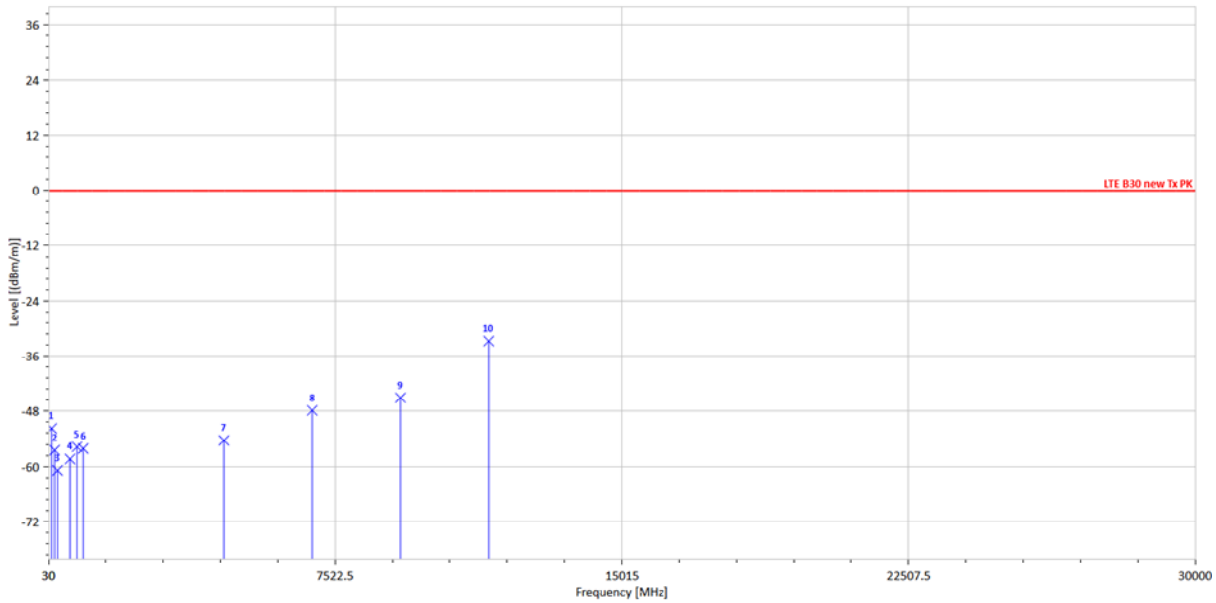
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 30

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB30 5M 16QAM 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2307.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -51.74 | -48.68 | -1.59 | -1.46 | -40 | -11.74 |
| 190.05 | S | -56.47 | -60.42 | 5.88 | -1.94 | -40 | -16.47 |
| 265.71 | S | -60.83 | -63.49 | 4.98 | -2.32 | -40 | -20.83 |
| 591.63 | S | -58.38 | -61.74 | 6.90 | -3.54 | -40 | -18.38 |
| 775.93 | S | -55.75 | -59.46 | 7.74 | -4.03 | -40 | -15.75 |
| 936.95 | S | -56.12 | -59.58 | 7.95 | -4.49 | -40 | -16.12 |
| 4615.00 | H | -54.34 | -57.30 | 12.58 | -9.61 | -13 | -41.34 |
| 6922.50 | H | -47.83 | -48.67 | 12.05 | -11.21 | -13 | -34.83 |
| 9230.00 | H | -45.07 | -44.32 | 11.57 | -12.32 | -13 | -32.07 |
| 11537.50 | H | -32.74 | -30.61 | 11.50 | -13.63 | -13 | -19.74 |

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

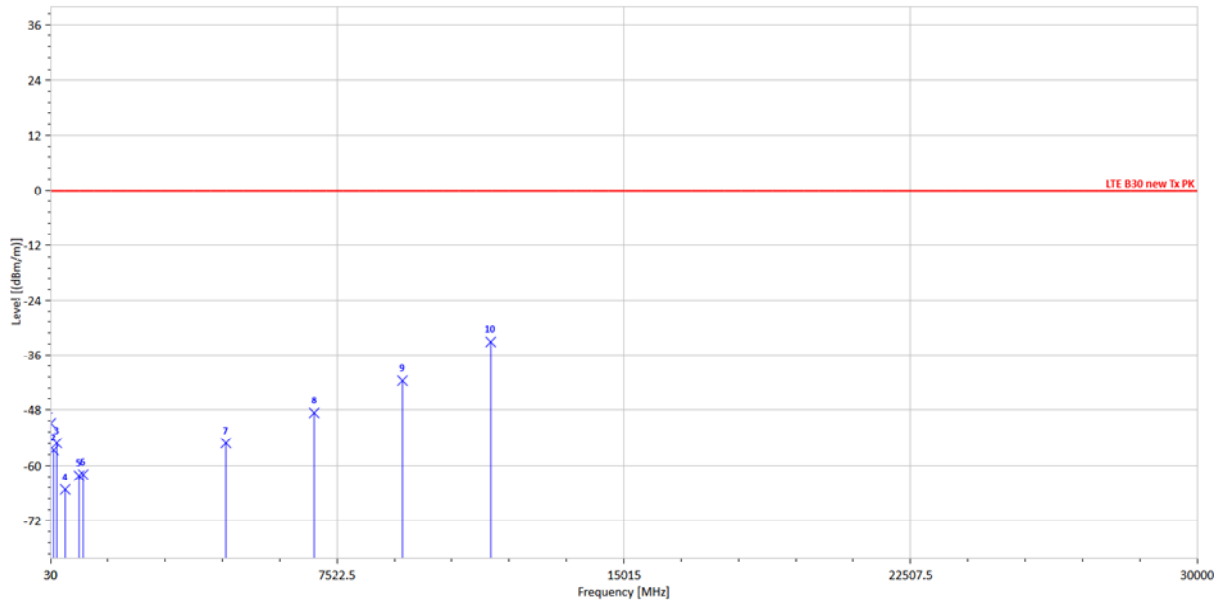
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB30 5M 16QAM 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2307.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|------------------------|--------------|
| 37.76 | S | -50.85 | -36.10 | -13.90 | -0.85 | -40 | -10.85 |
| 112.45 | S | -56.70 | -53.69 | -1.55 | -1.46 | -40 | -16.70 |
| 193.93 | S | -55.16 | -59.03 | 5.82 | -1.96 | -40 | -15.16 |
| 415.09 | S | -65.25 | -68.22 | 5.91 | -2.94 | -40 | -25.25 |
| 776.90 | S | -62.21 | -65.92 | 7.74 | -4.04 | -40 | -22.21 |
| 885.54 | S | -61.93 | -65.42 | 7.87 | -4.38 | -40 | -21.93 |
| 4615.00 | H | -55.17 | -58.13 | 12.58 | -9.61 | -13 | -42.17 |
| 6922.50 | H | -48.62 | -49.46 | 12.05 | -11.21 | -13 | -35.62 |
| 9230.00 | H | -41.54 | -40.79 | 11.57 | -12.32 | -13 | -28.54 |
| 11537.50 | H | -33.15 | -31.02 | 11.50 | -13.63 | -13 | -20.15 |

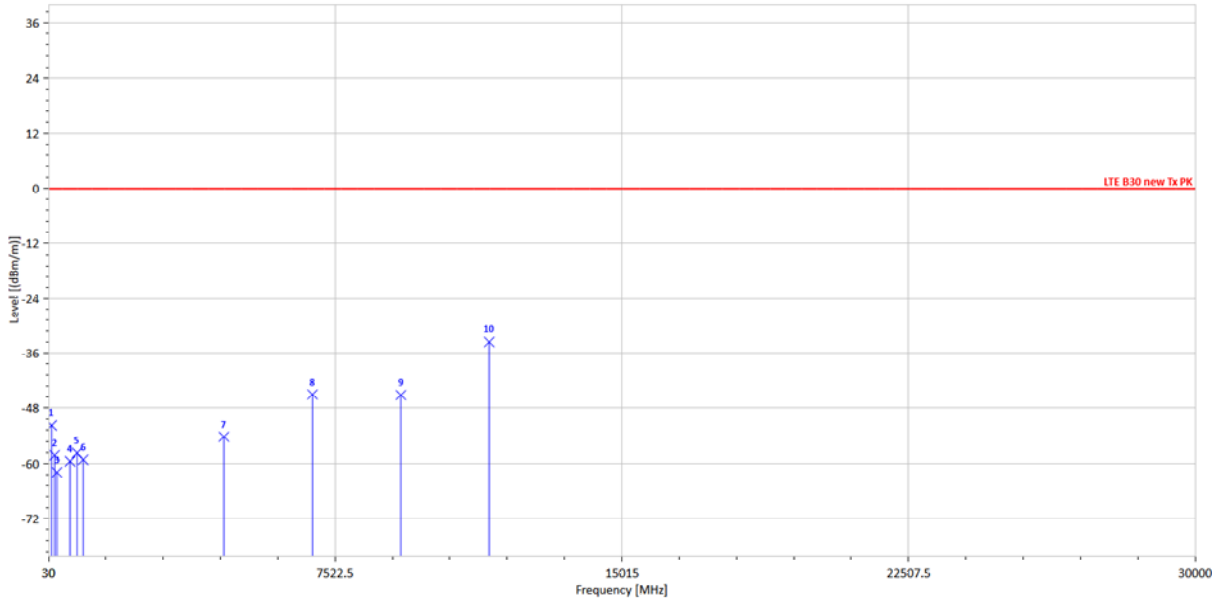
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB30 5M 16QAM 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2310 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -51.70 | -48.69 | -1.55 | -1.46 | -40 | -11.70 |
| 191.02 | S | -58.23 | -62.16 | 5.87 | -1.95 | -40 | -18.23 |
| 251.16 | S | -61.90 | -64.74 | 5.09 | -2.26 | -40 | -21.90 |
| 593.57 | S | -59.52 | -62.89 | 6.91 | -3.54 | -40 | -19.52 |
| 777.87 | S | -57.72 | -61.42 | 7.74 | -4.04 | -40 | -17.72 |
| 936.95 | S | -59.18 | -62.64 | 7.95 | -4.49 | -40 | -19.18 |
| 4615.00 | H | -54.20 | -57.16 | 12.58 | -9.61 | -13 | -41.20 |
| 6930.00 | H | -45.00 | -45.82 | 12.04 | -11.22 | -13 | -32.00 |
| 9240.00 | H | -45.13 | -44.36 | 11.56 | -12.33 | -13 | -32.13 |
| 11550.00 | H | -33.56 | -31.45 | 11.53 | -13.64 | -13 | -20.56 |

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

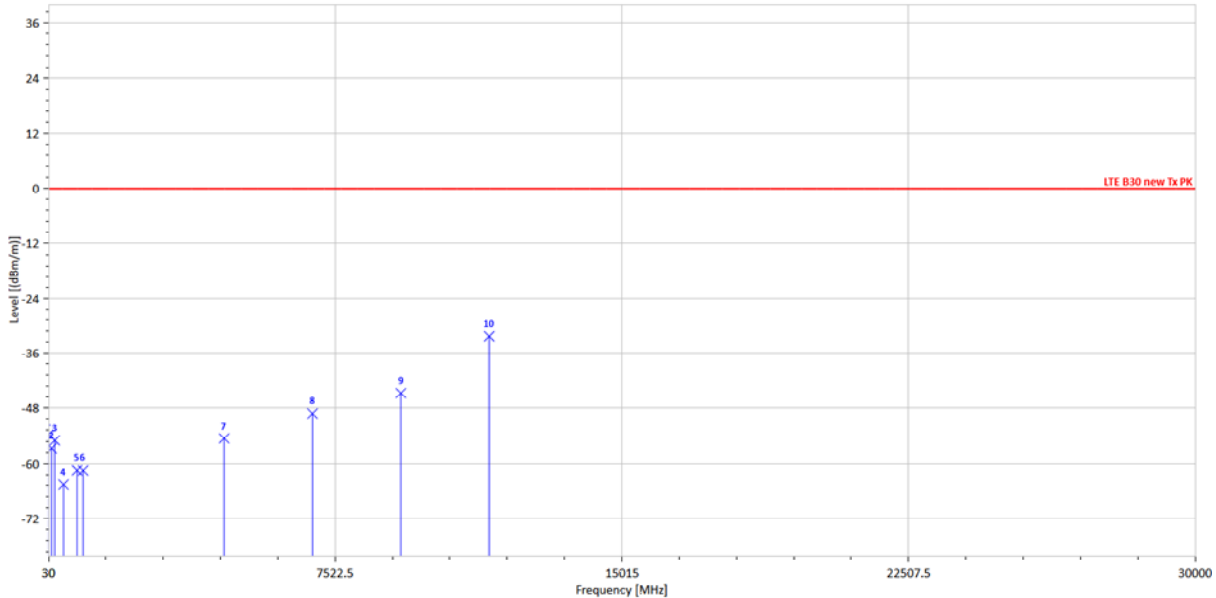
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB30 5M 16QAM 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2310 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|------------------------|--------------|
| 37.76 | S | -53.67 | -38.92 | -13.90 | -0.85 | -40 | -13.67 |
| 112.45 | S | -56.75 | -53.73 | -1.55 | -1.46 | -40 | -16.75 |
| 192.96 | S | -54.99 | -58.87 | 5.84 | -1.95 | -40 | -14.99 |
| 422.85 | S | -64.65 | -67.69 | 5.99 | -2.96 | -40 | -24.65 |
| 776.90 | S | -61.43 | -65.14 | 7.74 | -4.04 | -40 | -21.43 |
| 935.01 | S | -61.47 | -64.93 | 7.94 | -4.49 | -40 | -21.47 |
| 4620.00 | H | -54.56 | -57.53 | 12.58 | -9.61 | -13 | -41.56 |
| 6930.00 | H | -49.19 | -50.02 | 12.04 | -11.22 | -13 | -36.19 |
| 9240.00 | H | -44.70 | -43.94 | 11.56 | -12.33 | -13 | -31.70 |
| 11550.00 | H | -32.36 | -30.25 | 11.53 | -13.64 | -13 | -19.36 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

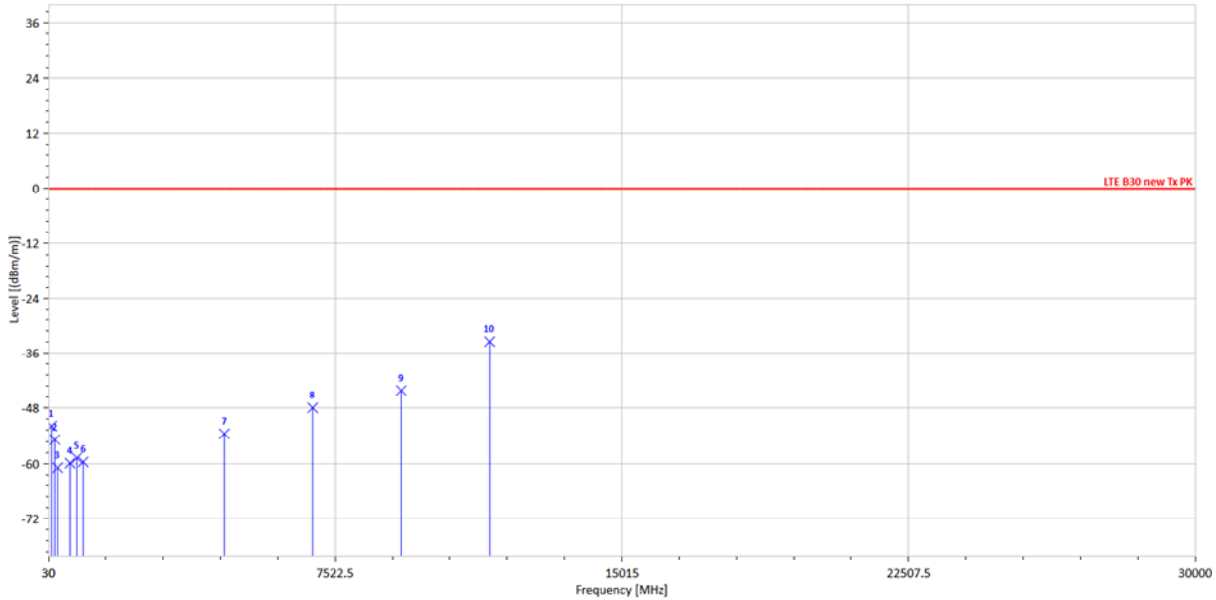
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB30 5M 16QAM 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2312.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -51.87 | -48.86 | -1.55 | -1.46 | -40 | -11.87 |
| 194.90 | S | -54.84 | -58.68 | 5.81 | -1.96 | -40 | -14.84 |
| 267.65 | S | -60.89 | -63.70 | 5.14 | -2.33 | -40 | -20.89 |
| 592.60 | S | -59.90 | -63.26 | 6.91 | -3.54 | -40 | -19.90 |
| 773.02 | S | -58.78 | -62.50 | 7.74 | -4.02 | -40 | -18.78 |
| 936.95 | S | -59.64 | -63.10 | 7.95 | -4.49 | -40 | -19.64 |
| 4625.00 | H | -53.54 | -56.50 | 12.57 | -9.62 | -13 | -40.54 |
| 6937.50 | H | -47.92 | -48.74 | 12.04 | -11.22 | -13 | -34.92 |
| 9250.00 | H | -44.11 | -43.33 | 11.55 | -12.34 | -13 | -31.11 |
| 11562.50 | H | -33.52 | -31.43 | 11.56 | -13.65 | -13 | -20.52 |

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

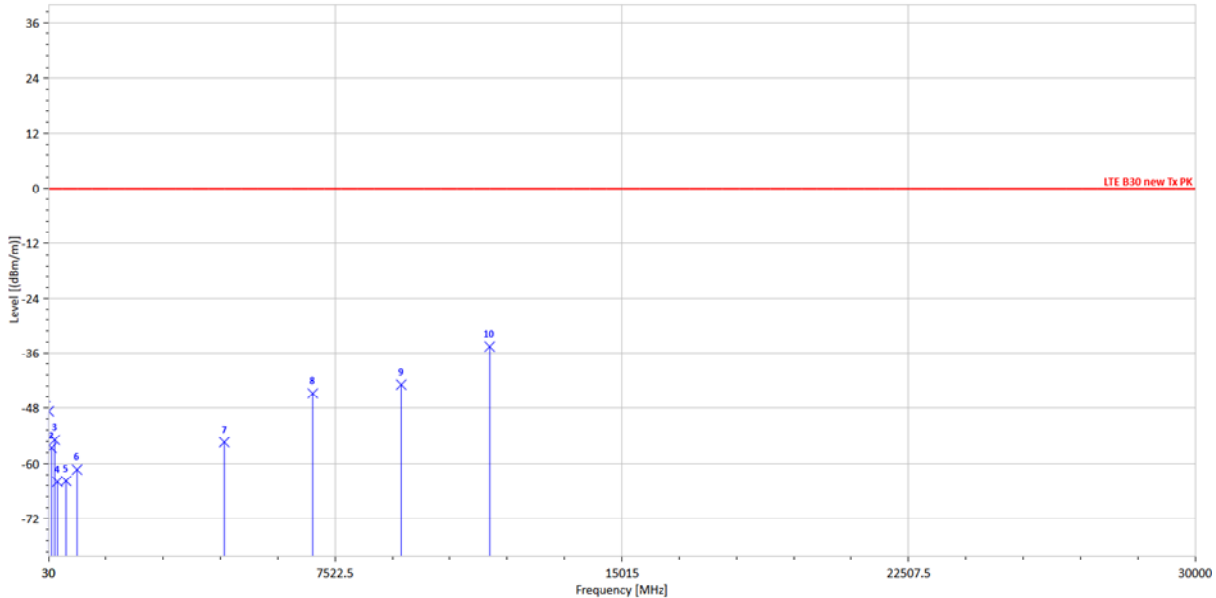
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|---------------------|----------------------------|----------------|
| Operation Mode : | LTEB30 5M 16QAM 1.0 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2312.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|------------------------|--------------|
| 37.76 | S | -48.69 | -33.93 | -13.90 | -0.85 | -40 | -8.69 |
| 112.45 | S | -56.65 | -53.64 | -1.55 | -1.46 | -40 | -16.65 |
| 192.96 | S | -54.90 | -58.79 | 5.84 | -1.95 | -40 | -14.90 |
| 262.80 | S | -64.02 | -66.45 | 4.74 | -2.31 | -40 | -24.02 |
| 489.78 | S | -63.84 | -67.10 | 6.45 | -3.19 | -40 | -23.84 |
| 776.90 | S | -61.31 | -65.02 | 7.74 | -4.04 | -40 | -21.31 |
| 4625.00 | H | -55.43 | -58.39 | 12.57 | -9.62 | -13 | -42.43 |
| 6937.50 | H | -44.77 | -45.58 | 12.04 | -11.22 | -13 | -31.77 |
| 9250.00 | H | -42.85 | -42.07 | 11.55 | -12.34 | -13 | -29.85 |
| 11562.50 | H | -34.56 | -32.47 | 11.56 | -13.65 | -13 | -21.56 |

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

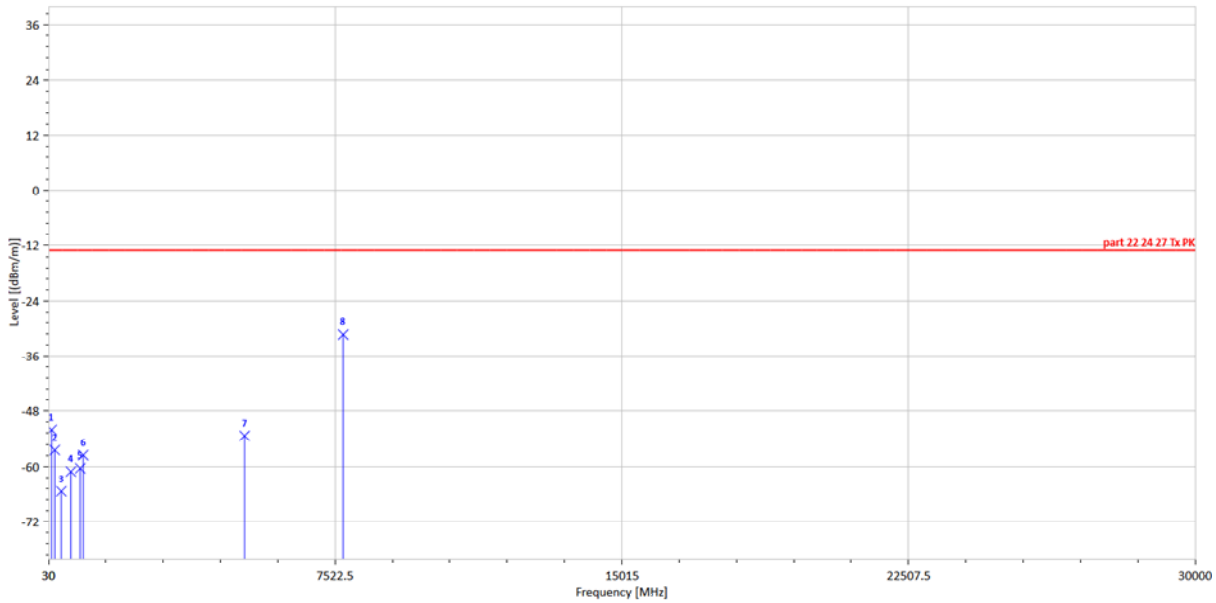
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 38

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB38 15M 16QAM 1.74 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2577.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -52.03 | -49.02 | -1.55 | -1.46 | -13.01 | -39.02 |
| 194.90 | S | -56.46 | -60.30 | 5.81 | -1.96 | -13.01 | -43.45 |
| 364.65 | S | -65.44 | -68.63 | 5.92 | -2.73 | -13.01 | -52.43 |
| 615.88 | S | -61.09 | -64.51 | 7.04 | -3.62 | -13.01 | -48.08 |
| 860.32 | S | -60.39 | -63.90 | 7.82 | -4.31 | -13.01 | -47.38 |
| 936.95 | S | -57.55 | -61.00 | 7.95 | -4.49 | -13.01 | -44.54 |
| 5155.00 | H | -53.31 | -51.08 | 12.65 | -14.89 | -13.01 | -40.30 |
| 7732.50 | H | -31.36 | -26.60 | 11.30 | -16.06 | -13.01 | -18.35 |

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

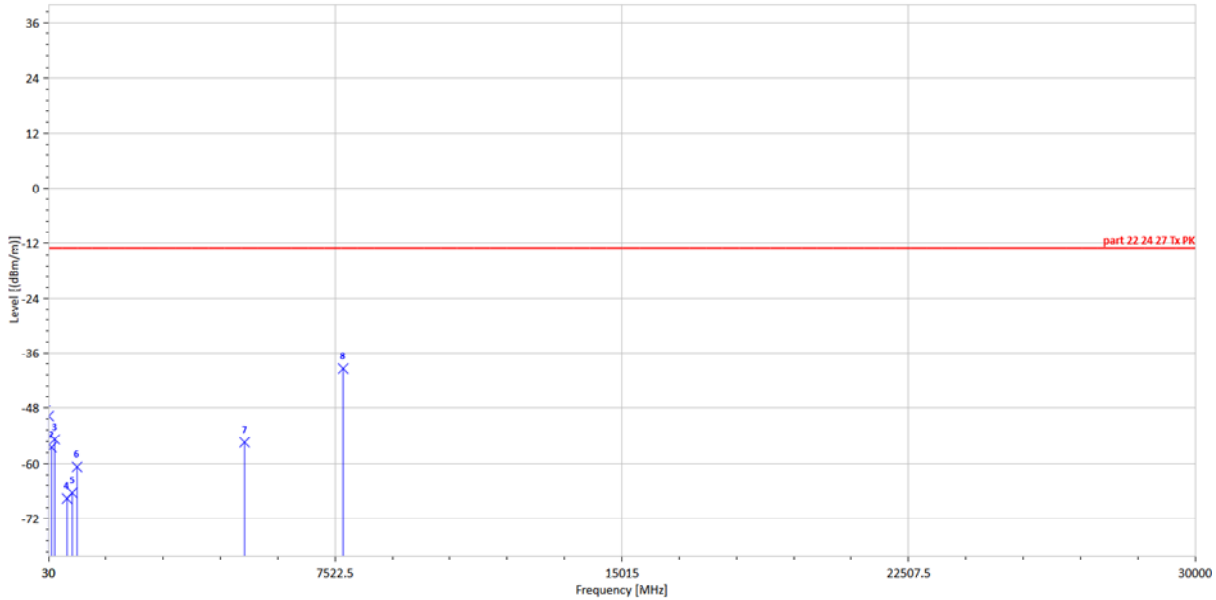
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB38 15M 16QAM 1.74 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2577.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -49.72 | -34.13 | -14.75 | -0.85 | -13.01 | -36.71 |
| 111.48 | S | -56.53 | -53.48 | -1.59 | -1.46 | -13.01 | -43.52 |
| 192.96 | S | -54.78 | -58.66 | 5.84 | -1.95 | -13.01 | -41.77 |
| 515.00 | S | -67.64 | -70.86 | 6.50 | -3.29 | -13.01 | -54.63 |
| 649.83 | S | -66.41 | -69.87 | 7.17 | -3.70 | -13.01 | -53.40 |
| 776.90 | S | -60.72 | -64.42 | 7.74 | -4.04 | -13.01 | -47.71 |
| 5155.00 | H | -55.45 | -53.22 | 12.65 | -14.89 | -13.01 | -42.44 |
| 7732.50 | H | -39.42 | -34.66 | 11.30 | -16.06 | -13.01 | -26.41 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

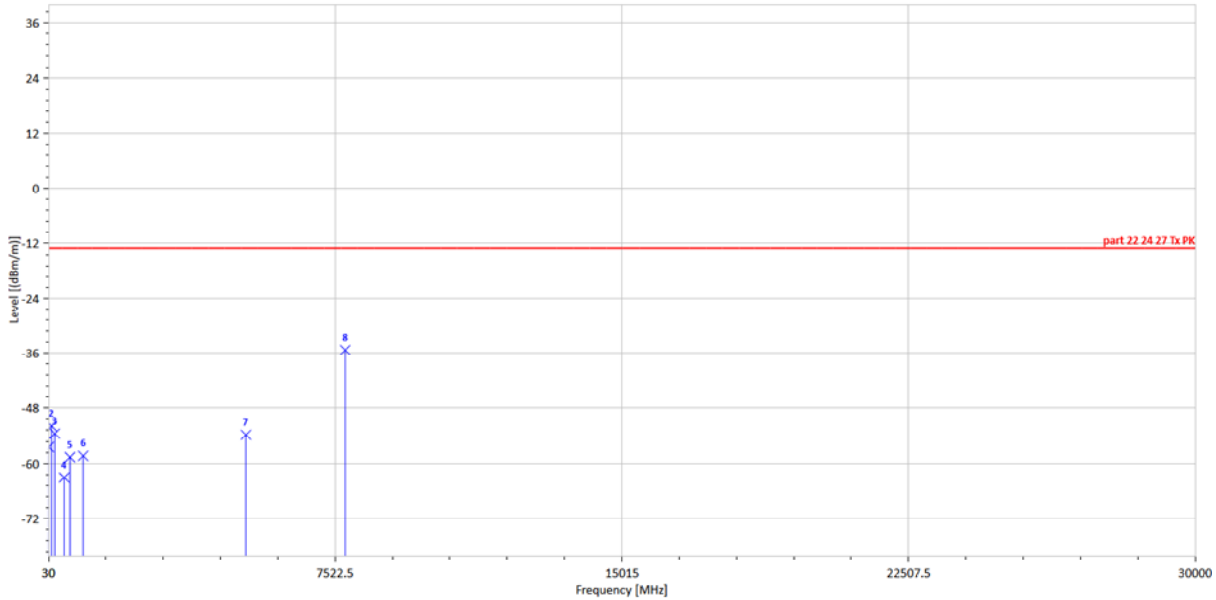
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB38 15M 16QAM 1.74 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2595 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -56.45 | -41.69 | -13.90 | -0.85 | -13.01 | -43.44 |
| 111.48 | S | -51.81 | -48.75 | -1.59 | -1.46 | -13.01 | -38.80 |
| 193.93 | S | -53.50 | -57.37 | 5.82 | -1.96 | -13.01 | -40.49 |
| 439.34 | S | -63.06 | -66.22 | 6.16 | -3.01 | -13.01 | -50.05 |
| 591.63 | S | -58.65 | -62.01 | 6.90 | -3.54 | -13.01 | -45.64 |
| 935.98 | S | -58.36 | -61.81 | 7.94 | -4.49 | -13.01 | -45.35 |
| 5190.00 | H | -53.77 | -51.56 | 12.69 | -14.90 | -13.01 | -40.76 |
| 7785.00 | H | -35.33 | -30.55 | 11.30 | -16.08 | -13.01 | -22.32 |

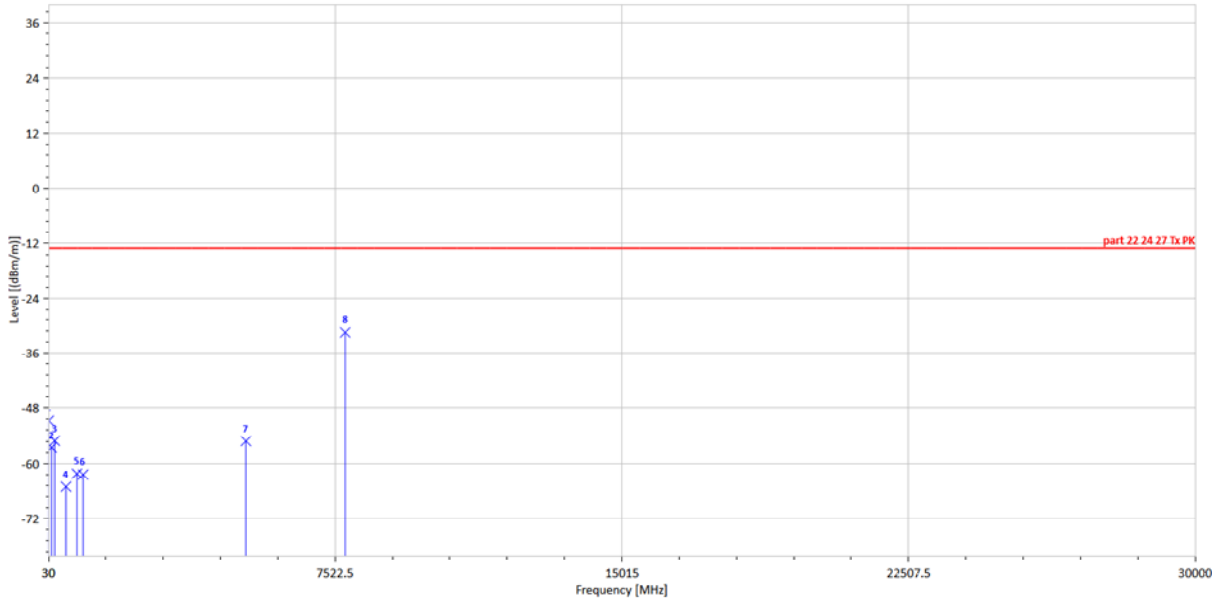
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB38 15M 16QAM 1.74 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2595 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|------------------------|--------------|
| 37.76 | S | -50.68 | -35.93 | -13.90 | -0.85 | -13.01 | -37.67 |
| 111.48 | S | -56.57 | -53.52 | -1.59 | -1.46 | -13.01 | -43.56 |
| 192.96 | S | -55.10 | -58.99 | 5.84 | -1.95 | -13.01 | -42.09 |
| 487.84 | S | -65.08 | -68.33 | 6.44 | -3.18 | -13.01 | -52.07 |
| 773.99 | S | -62.21 | -65.93 | 7.74 | -4.03 | -13.01 | -49.20 |
| 934.04 | S | -62.41 | -65.87 | 7.94 | -4.48 | -13.01 | -49.40 |
| 5190.00 | H | -55.17 | -52.95 | 12.69 | -14.90 | -13.01 | -42.16 |
| 7785.00 | H | -31.54 | -26.76 | 11.30 | -16.08 | -13.01 | -18.53 |

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

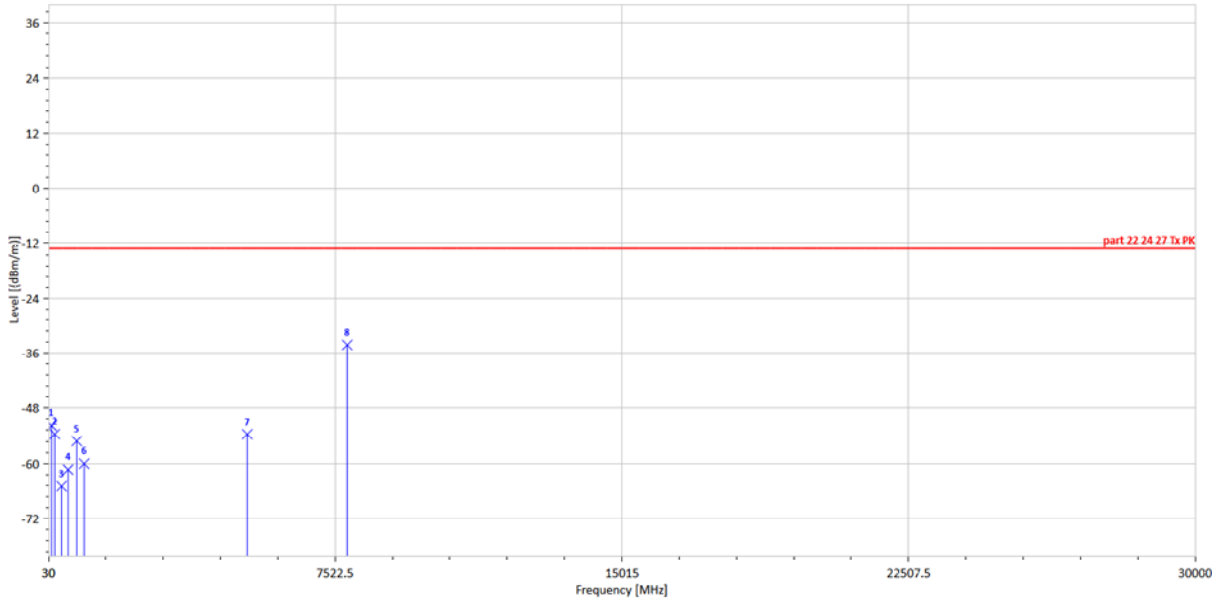
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB38 15M 16QAM 1.74 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2612.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -51.77 | -48.71 | -1.59 | -1.46 | -13.01 | -38.76 |
| 193.93 | S | -53.61 | -57.48 | 5.82 | -1.96 | -13.01 | -40.60 |
| 371.44 | S | -64.99 | -68.12 | 5.89 | -2.76 | -13.01 | -51.98 |
| 542.16 | S | -61.30 | -64.42 | 6.51 | -3.39 | -13.01 | -48.29 |
| 769.14 | S | -55.15 | -58.88 | 7.73 | -4.01 | -13.01 | -42.14 |
| 962.17 | S | -60.02 | -63.46 | 8.00 | -4.56 | -13.01 | -47.01 |
| 5225.00 | H | -53.64 | -51.44 | 12.73 | -14.92 | -13.01 | -40.63 |
| 7837.50 | H | -34.22 | -29.41 | 11.30 | -16.11 | -13.01 | -21.21 |

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

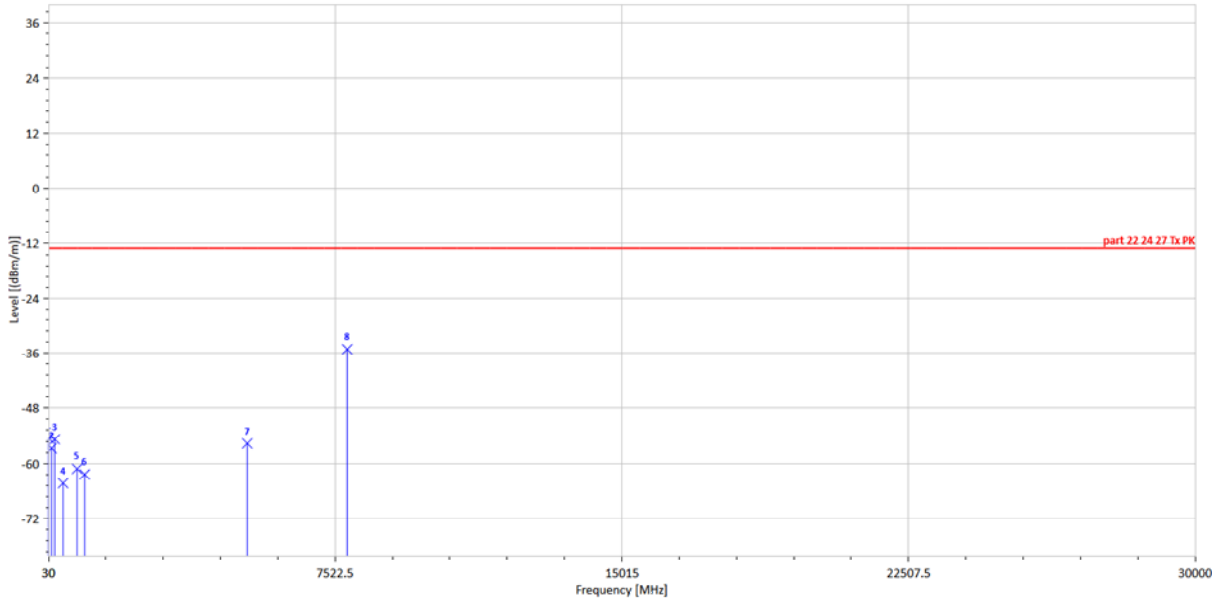
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB38 15M 16QAM 1.74 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2612.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -54.53 | -34.14 | -19.56 | -0.82 | -13.01 | -41.52 |
| 112.45 | S | -56.72 | -53.70 | -1.55 | -1.46 | -13.01 | -43.71 |
| 192.96 | S | -54.75 | -58.64 | 5.84 | -1.95 | -13.01 | -41.74 |
| 411.21 | S | -64.32 | -67.27 | 5.87 | -2.92 | -13.01 | -51.31 |
| 777.87 | S | -61.16 | -64.87 | 7.74 | -4.04 | -13.01 | -48.15 |
| 975.75 | S | -62.37 | -65.81 | 8.04 | -4.59 | -13.01 | -49.35 |
| 5225.00 | H | -55.69 | -53.49 | 12.73 | -14.92 | -13.01 | -42.68 |
| 7837.50 | H | -35.15 | -30.34 | 11.30 | -16.11 | -13.01 | -22.14 |

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

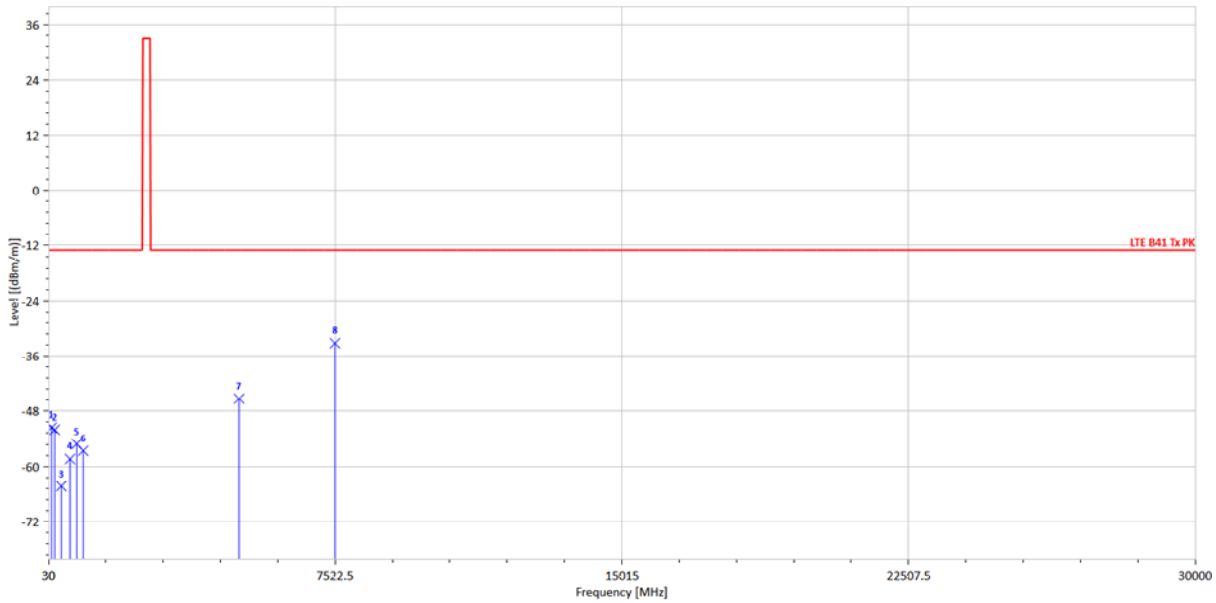
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 41

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB41 20M 16QAM 1.99 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2506 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -51.58 | -48.53 | -1.59 | -1.46 | -13 | -38.58 |
| 192.96 | S | -52.02 | -55.91 | 5.84 | -1.95 | -13 | -39.02 |
| 365.62 | S | -64.30 | -67.48 | 5.92 | -2.73 | -13 | -51.30 |
| 592.60 | S | -58.39 | -61.75 | 6.91 | -3.54 | -13 | -45.39 |
| 769.14 | S | -55.10 | -58.83 | 7.73 | -4.01 | -13 | -42.10 |
| 936.95 | S | -56.61 | -60.07 | 7.95 | -4.49 | -13 | -43.61 |
| 5012.00 | H | -45.27 | -47.85 | 12.51 | -9.93 | -13 | -32.27 |
| 7518.00 | H | -33.21 | -32.95 | 11.30 | -11.57 | -13 | -20.21 |

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

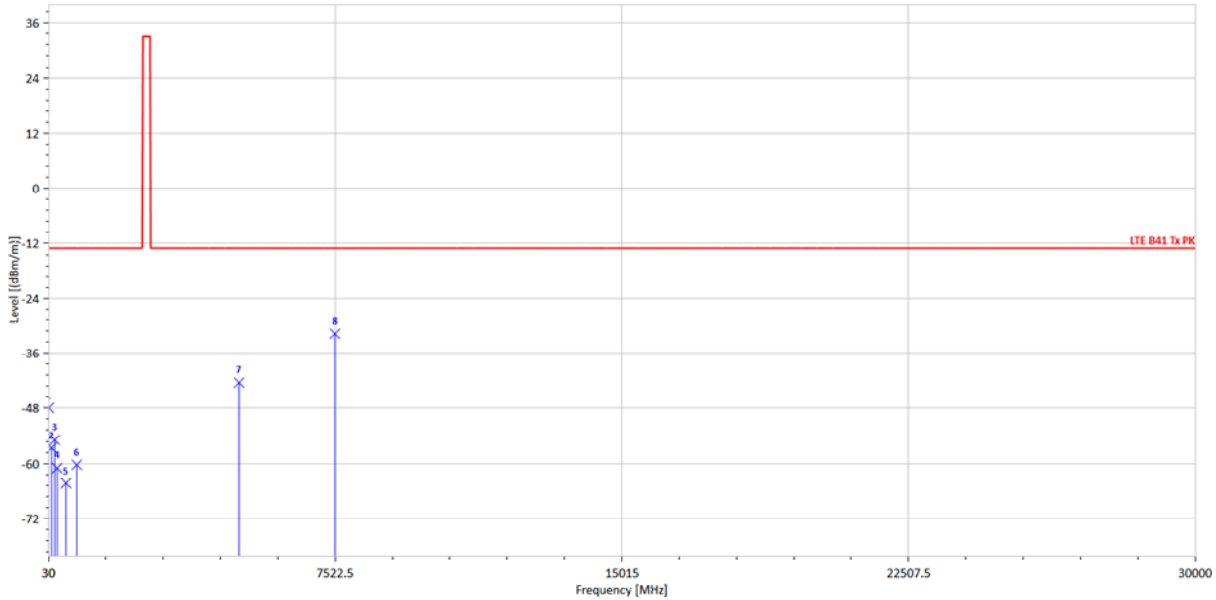
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB41 20M 16QAM 1.99 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2506 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -47.94 | -33.18 | -13.90 | -0.85 | -13 | -34.94 |
| 112.45 | S | -56.64 | -53.63 | -1.55 | -1.46 | -13 | -43.64 |
| 192.96 | S | -54.89 | -58.78 | 5.84 | -1.95 | -13 | -41.89 |
| 255.04 | S | -60.98 | -63.54 | 4.84 | -2.28 | -13 | -47.98 |
| 486.87 | S | -64.31 | -67.57 | 6.43 | -3.18 | -13 | -51.31 |
| 769.14 | S | -60.26 | -63.99 | 7.73 | -4.01 | -13 | -47.26 |
| 5012.00 | H | -42.41 | -44.99 | 12.51 | -9.93 | -13 | -29.41 |
| 7518.00 | H | -31.80 | -31.53 | 11.30 | -11.57 | -13 | -18.80 |

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

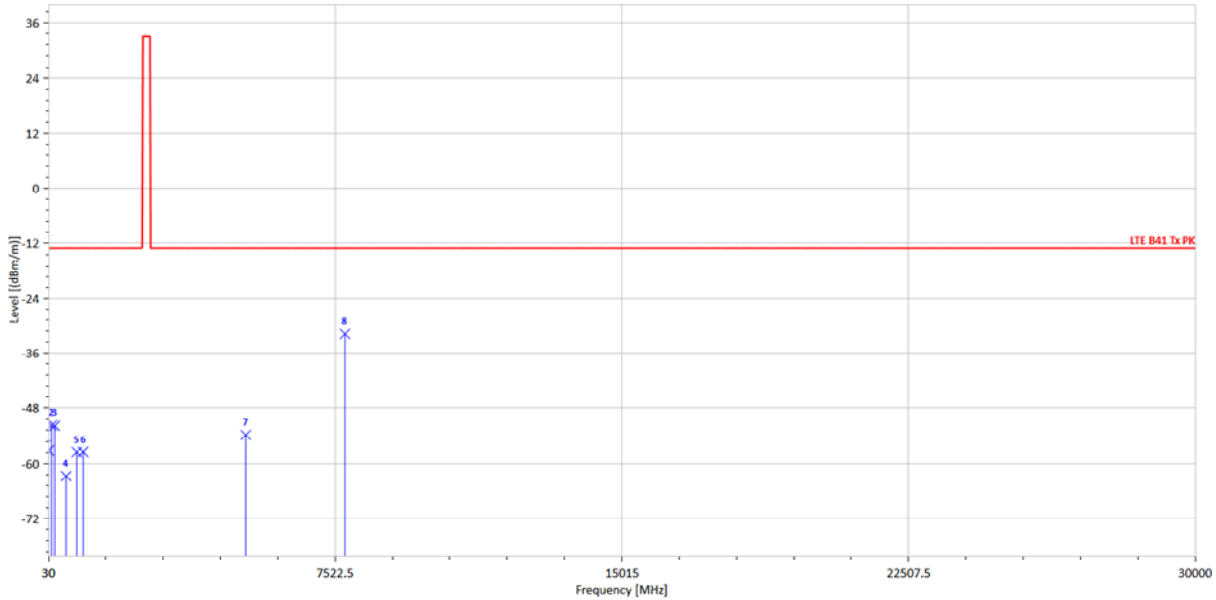
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB41 20M 16QAM 1.99 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2593 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -57.20 | -42.45 | -13.90 | -0.85 | -13 | -44.20 |
| 112.45 | S | -51.69 | -48.67 | -1.55 | -1.46 | -13 | -38.69 |
| 192.96 | S | -51.77 | -55.65 | 5.84 | -1.95 | -13 | -38.77 |
| 490.75 | S | -62.75 | -66.00 | 6.45 | -3.19 | -13 | -49.75 |
| 769.14 | S | -57.55 | -61.28 | 7.73 | -4.01 | -13 | -44.55 |
| 936.95 | S | -57.50 | -60.96 | 7.95 | -4.49 | -13 | -44.50 |
| 5186.00 | H | -53.80 | -56.43 | 12.69 | -10.06 | -13 | -40.80 |
| 7779.00 | H | -31.84 | -31.48 | 11.30 | -11.66 | -13 | -18.84 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

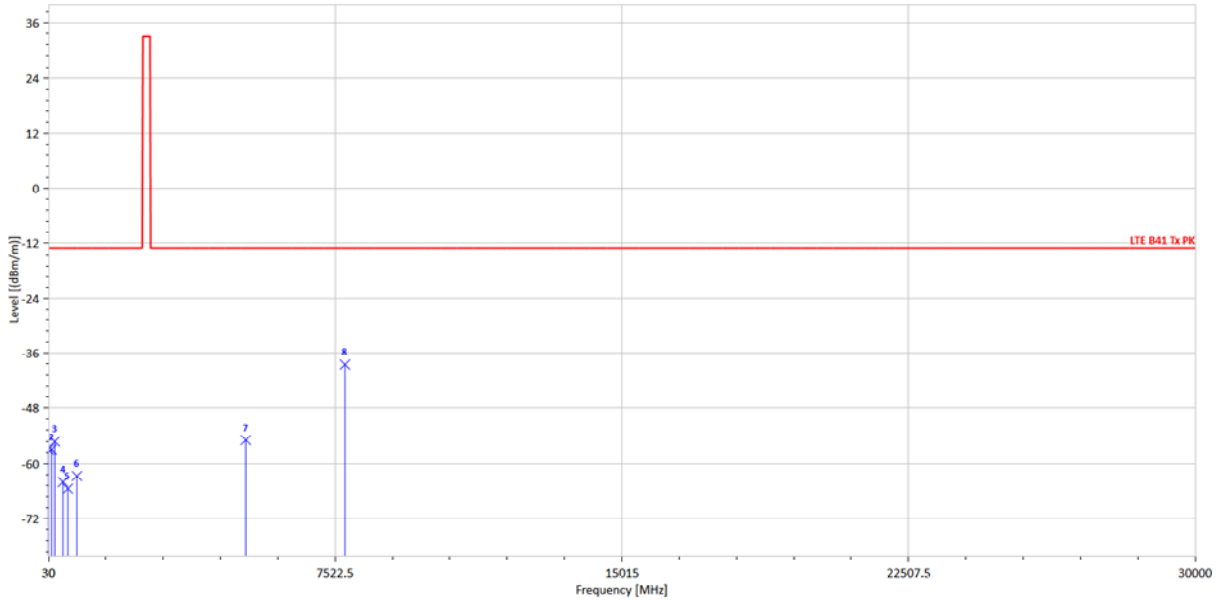
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB41 20M 16QAM 1.99 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2593 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -56.97 | -37.36 | -18.78 | -0.83 | -13 | -43.97 |
| 111.48 | S | -57.00 | -53.94 | -1.59 | -1.46 | -13 | -44.00 |
| 193.93 | S | -55.24 | -59.10 | 5.82 | -1.96 | -13 | -42.24 |
| 407.33 | S | -64.05 | -66.97 | 5.83 | -2.91 | -13 | -51.05 |
| 537.31 | S | -65.51 | -68.64 | 6.51 | -3.37 | -13 | -52.51 |
| 773.02 | S | -62.73 | -66.45 | 7.74 | -4.02 | -13 | -49.73 |
| 5186.00 | H | -54.93 | -57.55 | 12.69 | -10.06 | -13 | -41.93 |
| 7779.00 | H | -38.55 | -38.18 | 11.30 | -11.66 | -13 | -25.55 |

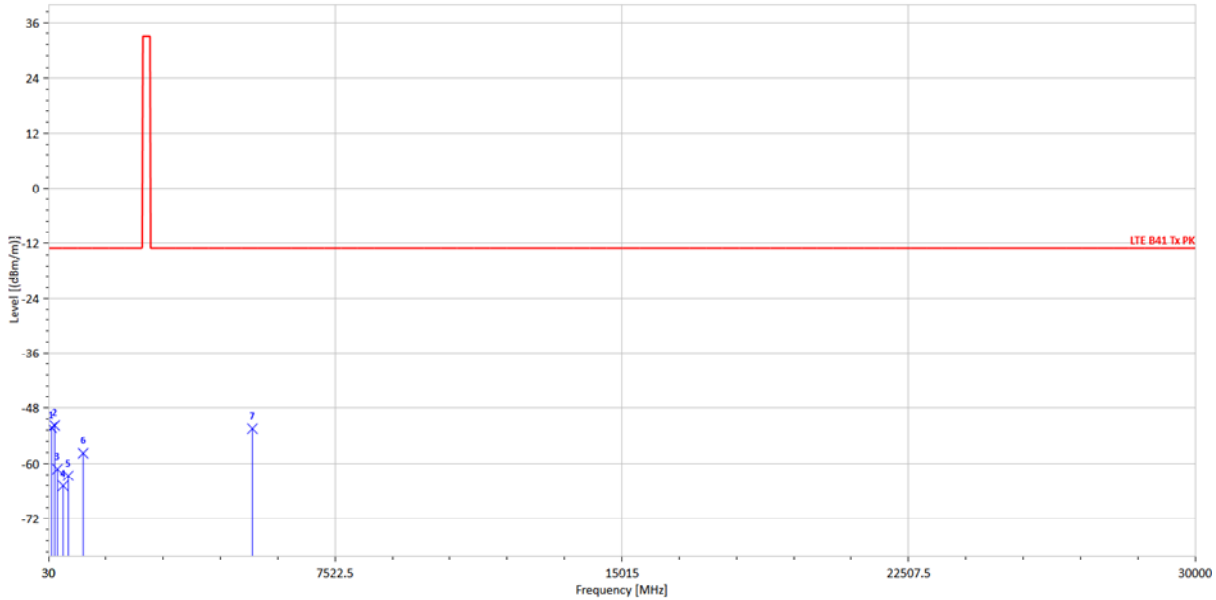
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB41 20M 16QAM 1.99 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2680 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -52.16 | -49.11 | -1.59 | -1.46 | -13 | -39.16 |
| 192.96 | S | -51.70 | -55.59 | 5.84 | -1.95 | -13 | -38.70 |
| 263.77 | S | -61.20 | -63.71 | 4.82 | -2.32 | -13 | -48.20 |
| 411.21 | S | -64.89 | -67.84 | 5.87 | -2.92 | -13 | -51.89 |
| 547.01 | S | -62.66 | -65.77 | 6.52 | -3.40 | -13 | -49.66 |
| 936.95 | S | -57.82 | -61.27 | 7.95 | -4.49 | -13 | -44.82 |
| 5360.00 | H | -52.38 | -55.06 | 12.86 | -10.18 | -13 | -39.38 |

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

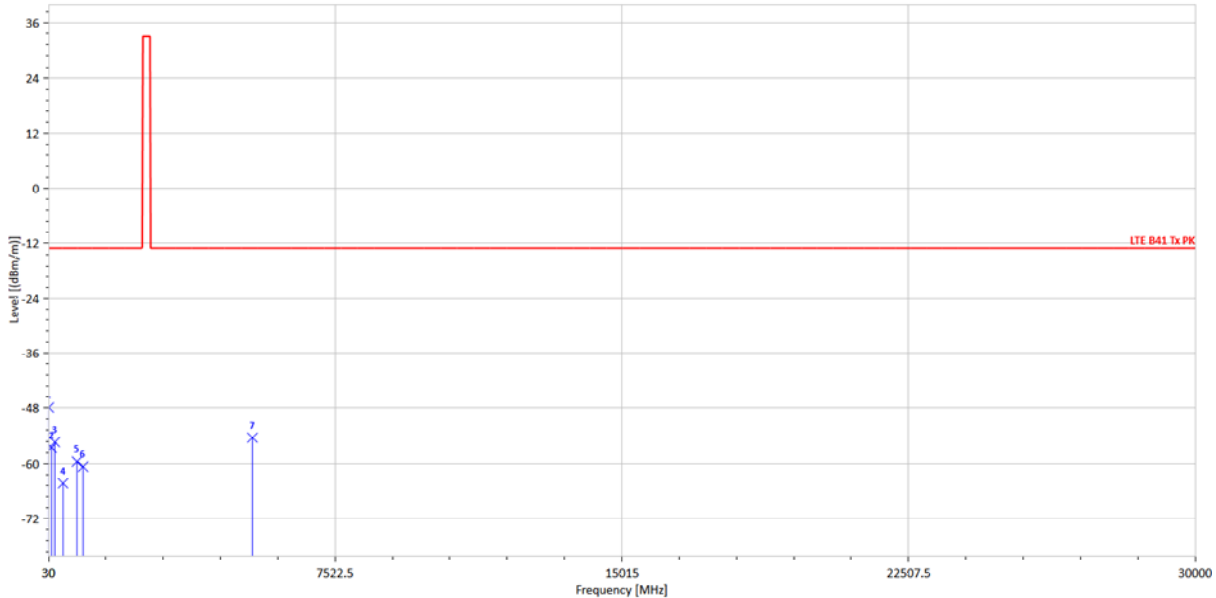
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|-----------------------|----------------------------|----------------|
| Operation Mode : | LTEB41 20M 16QAM 1.99 | Test Date : | 2018/1/20 |
| Fundamental Frequency : | 2680 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -47.87 | -33.12 | -13.90 | -0.85 | -13 | -34.87 |
| 111.48 | S | -56.58 | -53.52 | -1.59 | -1.46 | -13 | -43.58 |
| 194.90 | S | -55.40 | -59.25 | 5.81 | -1.96 | -13 | -42.40 |
| 410.24 | S | -64.36 | -67.30 | 5.86 | -2.92 | -13 | -51.36 |
| 773.99 | S | -59.57 | -63.28 | 7.74 | -4.03 | -13 | -46.57 |
| 935.01 | S | -60.67 | -64.13 | 7.94 | -4.49 | -13 | -47.67 |
| 5360.00 | H | -54.39 | -57.07 | 12.86 | -10.18 | -13 | -41.39 |

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

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

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

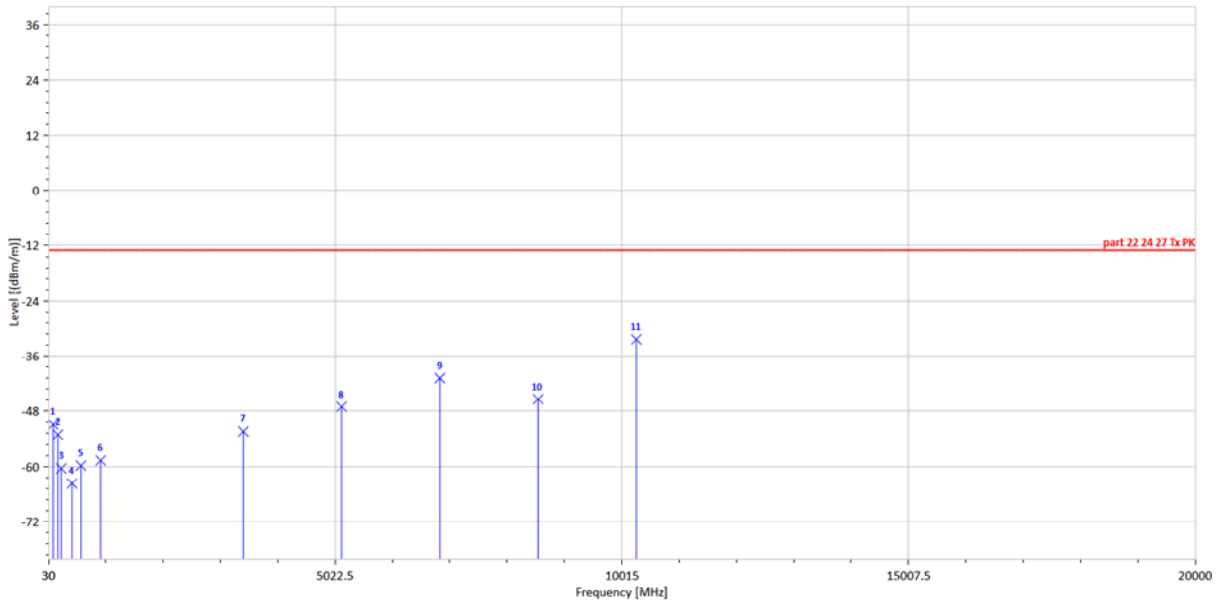
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Radiated Spurious Emission Measurement Result: LTE-Band 66

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB66 3M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 1711.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -50.81 | -47.80 | -1.55 | -1.46 | -13.01 | -37.80 |
| 193.93 | S | -53.03 | -56.90 | 5.82 | -1.96 | -13.01 | -40.02 |
| 252.13 | S | -60.41 | -63.18 | 5.03 | -2.26 | -13.01 | -47.40 |
| 439.34 | S | -63.71 | -66.87 | 6.16 | -3.01 | -13.01 | -50.70 |
| 595.51 | S | -59.80 | -63.18 | 6.93 | -3.55 | -13.01 | -46.79 |
| 938.89 | S | -58.69 | -62.14 | 7.95 | -4.50 | -13.01 | -45.68 |
| 3423.00 | H | -52.34 | -55.78 | 12.15 | -8.70 | -13.01 | -39.33 |
| 5134.50 | H | -47.04 | -49.65 | 12.63 | -10.02 | -13.01 | -34.03 |
| 6846.00 | H | -40.80 | -41.71 | 12.09 | -11.18 | -13.01 | -27.79 |
| 8557.50 | H | -45.37 | -45.39 | 12.07 | -12.04 | -13.01 | -32.36 |
| 10269.00 | H | -32.39 | -30.83 | 11.24 | -12.80 | -13.01 | -19.38 |

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

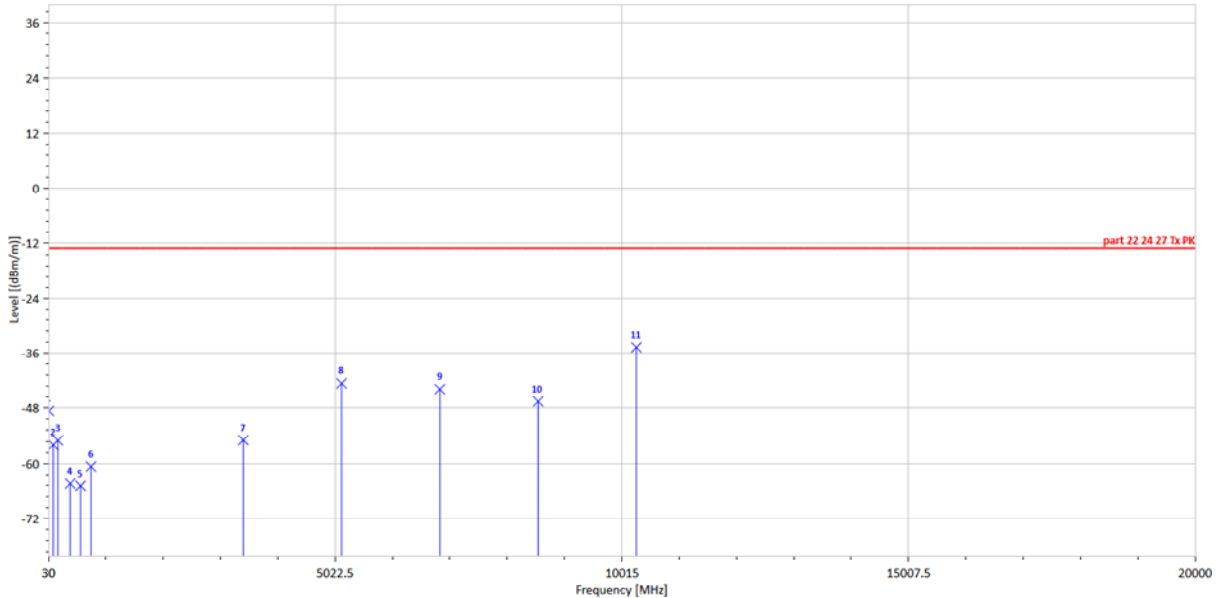
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB66 3M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 1711.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Low | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -48.62 | -33.87 | -13.90 | -0.85 | -13.01 | -35.61 |
| 112.45 | S | -55.98 | -52.96 | -1.55 | -1.46 | -13.01 | -42.97 |
| 192.96 | S | -55.02 | -58.91 | 5.84 | -1.95 | -13.01 | -42.01 |
| 408.30 | S | -64.44 | -67.37 | 5.84 | -2.91 | -13.01 | -51.43 |
| 588.72 | S | -64.93 | -68.28 | 6.87 | -3.52 | -13.01 | -51.92 |
| 770.11 | S | -60.63 | -64.36 | 7.74 | -4.01 | -13.01 | -47.62 |
| 3423.00 | H | -54.95 | -58.40 | 12.15 | -8.70 | -13.01 | -41.94 |
| 5134.50 | H | -42.57 | -45.18 | 12.63 | -10.02 | -13.01 | -29.56 |
| 6846.00 | H | -43.83 | -44.75 | 12.09 | -11.18 | -13.01 | -30.82 |
| 8557.50 | H | -46.57 | -46.59 | 12.07 | -12.04 | -13.01 | -33.56 |
| 10269.00 | H | -34.72 | -33.15 | 11.24 | -12.80 | -13.01 | -21.71 |

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

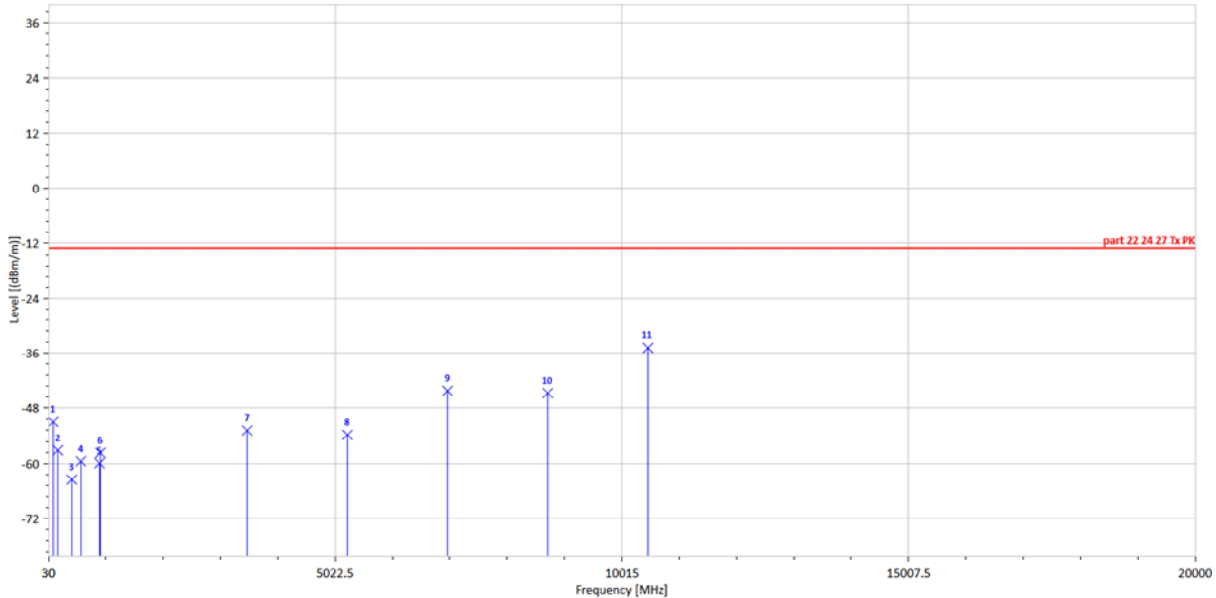
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB66 3M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 1745 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 | -50.91 | -47.86 | -1.59 | -1.46 | -13.01 | -37.90 |
| 191.99 | S | -57.15 | -61.05 | 5.85 | -1.95 | -13.01 | -44.14 |
| 435.46 | S | -63.52 | -66.65 | 6.12 | -3.00 | -13.01 | -50.51 |
| 593.57 | S | -59.51 | -62.88 | 6.91 | -3.54 | -13.01 | -46.50 |
| 919.49 | S | -59.93 | -63.41 | 7.92 | -4.44 | -13.01 | -46.92 |
| 934.04 | S | -57.70 | -61.16 | 7.94 | -4.48 | -13.01 | -44.69 |
| 3490.00 | H | -52.82 | -56.35 | 12.28 | -8.75 | -13.01 | -39.81 |
| 5235.00 | H | -53.76 | -56.40 | 12.73 | -10.09 | -13.01 | -40.75 |
| 6980.00 | H | -44.20 | -44.97 | 12.01 | -11.24 | -13.01 | -31.19 |
| 8725.00 | H | -44.69 | -44.60 | 11.97 | -12.05 | -13.01 | -31.68 |
| 10470.00 | H | -34.85 | -33.02 | 11.12 | -12.95 | -13.01 | -21.84 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

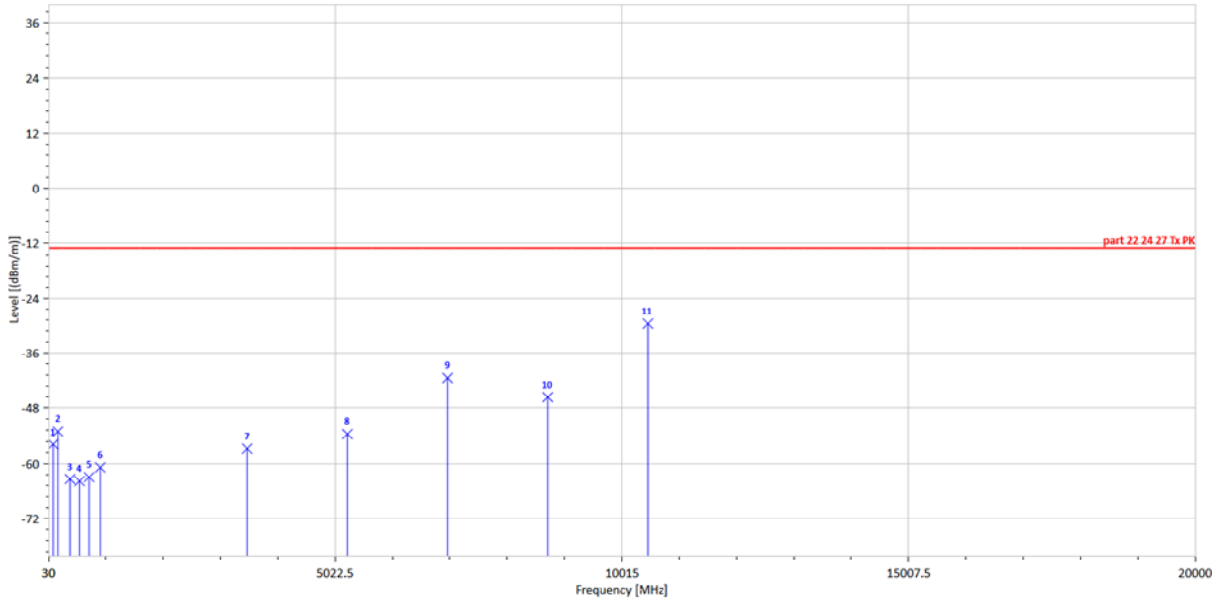
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB66 3M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 1745 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH Mid | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 111.48 | S | -55.85 | -52.80 | -1.59 | -1.46 | -13.01 | -42.84 |
| 192.96 | S | -53.00 | -56.88 | 5.84 | -1.95 | -13.01 | -39.99 |
| 404.42 | S | -63.39 | -66.30 | 5.80 | -2.89 | -13.01 | -50.38 |
| 571.26 | S | -63.86 | -67.10 | 6.71 | -3.46 | -13.01 | -50.85 |
| 737.13 | S | -62.98 | -66.79 | 7.71 | -3.91 | -13.01 | -49.97 |
| 932.10 | S | -60.84 | -64.30 | 7.94 | -4.48 | -13.01 | -47.83 |
| 3490.00 | H | -56.82 | -60.35 | 12.28 | -8.75 | -13.01 | -43.81 |
| 5235.00 | H | -53.60 | -56.24 | 12.73 | -10.09 | -13.01 | -40.59 |
| 6980.00 | H | -41.42 | -42.19 | 12.01 | -11.24 | -13.01 | -28.41 |
| 8725.00 | H | -45.59 | -45.50 | 11.97 | -12.05 | -13.01 | -32.58 |
| 10470.00 | H | -29.65 | -27.82 | 11.12 | -12.95 | -13.01 | -16.64 |

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

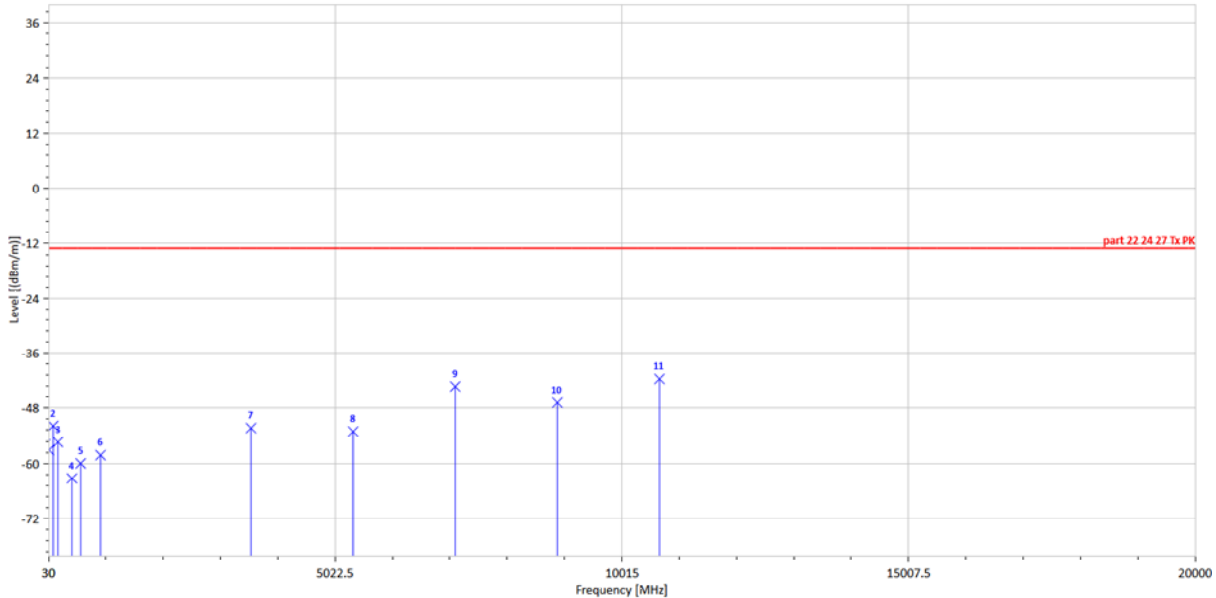
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB66 3M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 1778.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 37.76 | S | -57.08 | -42.32 | -13.90 | -0.85 | -13.01 | -44.07 |
| 111.48 | S | -51.85 | -48.79 | -1.59 | -1.46 | -13.01 | -38.84 |
| 193.93 | S | -55.37 | -59.24 | 5.82 | -1.96 | -13.01 | -42.36 |
| 438.37 | S | -63.24 | -66.39 | 6.15 | -3.01 | -13.01 | -50.23 |
| 589.69 | S | -59.98 | -63.33 | 6.88 | -3.53 | -13.01 | -46.97 |
| 936.95 | S | -58.21 | -61.67 | 7.95 | -4.49 | -13.01 | -45.20 |
| 3557.00 | H | -52.29 | -55.83 | 12.33 | -8.80 | -13.01 | -39.28 |
| 5335.50 | H | -53.04 | -55.71 | 12.84 | -10.16 | -13.01 | -40.03 |
| 7114.00 | H | -43.24 | -43.77 | 11.84 | -11.31 | -13.01 | -30.23 |
| 8892.50 | H | -46.82 | -46.60 | 11.86 | -12.09 | -13.01 | -33.81 |
| 10671.00 | H | -41.61 | -39.50 | 11.00 | -13.11 | -13.01 | -28.60 |

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

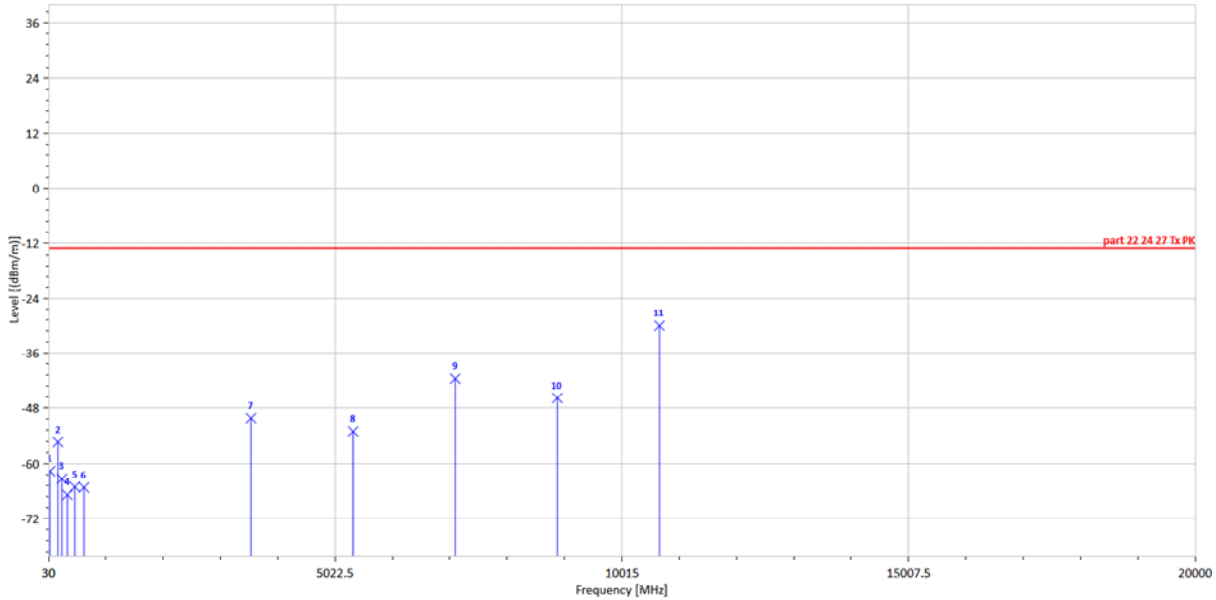
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

| | | | |
|-------------------------|--------------------|----------------------------|----------------|
| Operation Mode : | LTEB66 3M QPSK 1.0 | Test Date : | 2018/1/19 |
| Fundamental Frequency : | 1778.5 MHz | Temp. / Humi. : | 22.7deg_C/57RH |
| Operation Band : | Tx CH High | Test Engineer : | Enzo |
| EUT Pol. : | H | 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 |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|-----------------------|--------------|
| 55.22 | S | -61.67 | -57.58 | -3.08 | -1.00 | -13.01 | -48.66 |
| 193.93 | S | -55.39 | -59.26 | 5.82 | -1.96 | -13.01 | -42.38 |
| 262.80 | S | -63.34 | -65.77 | 4.74 | -2.31 | -13.01 | -50.33 |
| 358.83 | S | -66.85 | -70.10 | 5.95 | -2.71 | -13.01 | -53.84 |
| 487.84 | S | -65.10 | -68.35 | 6.44 | -3.18 | -13.01 | -52.09 |
| 647.89 | S | -65.25 | -68.72 | 7.16 | -3.69 | -13.01 | -52.24 |
| 3557.00 | H | -50.17 | -53.70 | 12.33 | -8.80 | -13.01 | -37.16 |
| 5335.50 | H | -52.99 | -55.66 | 12.84 | -10.16 | -13.01 | -39.98 |
| 7114.00 | H | -41.55 | -42.08 | 11.84 | -11.31 | -13.01 | -28.54 |
| 8892.50 | H | -45.79 | -45.57 | 11.86 | -12.09 | -13.01 | -32.78 |
| 10671.00 | H | -30.09 | -27.98 | 11.00 | -13.11 | -13.01 | -17.08 |

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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

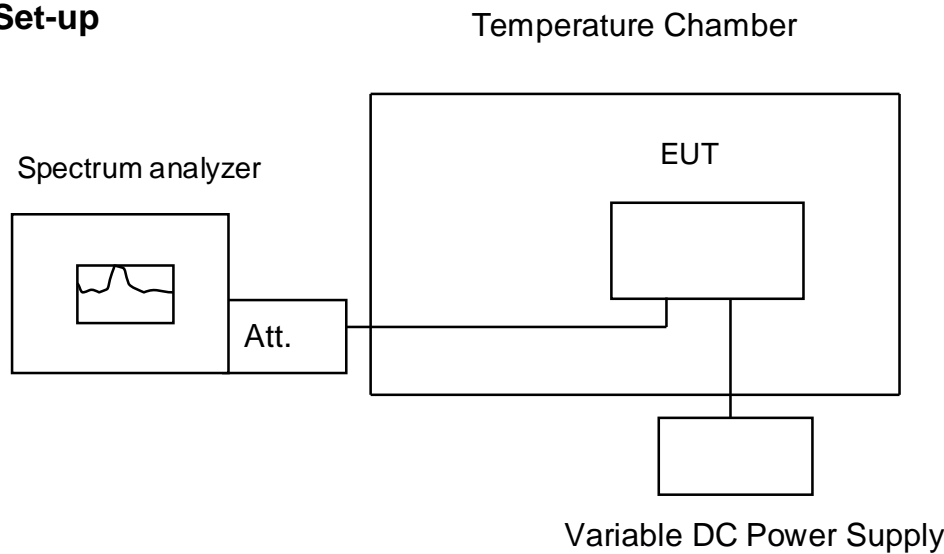
Member of SGS Group

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°C. 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.

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

11.4. 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 | 06/11/2017 | 06/10/2018 |
| Coaxial Cable 30cm | WOKEN | 00100A1F1A19 5C | RF01 | 12/24/2017 | 12/23/2018 |
| Temperature Chamber | TERCHY | MHK-120LK | 1020582 | 06/13/2017 | 06/12/2018 |
| DC Block | PASTERNAK | PE8210 | RF29 | 12/24/2017 | 12/23/2018 |
| Splitter | RF-LAMBAD | RFLT2W1G18G | RF35 | 12/24/2017 | 12/23/2018 |
| Attenuator | WOKEN | 218FS-10 | RF23 | 12/24/2017 | 12/23/2018 |
| 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

| WCDMA II Mid Channel 1880 MHz | | | | |
|-------------------------------|------------|-------------|------------|------------|
| Limit: +/- 2.5 ppm | | | | |
| Vdc | Temp. (°C) | Freq. (MHz) | Delta (Hz) | Limit (Hz) |
| FREQUENCY ERROR vs. VOLTAGE | | | | |
| 8.855 | 20 | 1879999989 | -11 | 4700 |
| 7.7 | 20 | 1879999991 | -9 | 4700 |
| 6.545 | 20 | 1879999982 | -18 | 4700 |
| 6.3 (End point) | 20 | 1880000022 | 22 | 4700 |
| FREQUENCY ERROR vs. Temp. | | | | |
| 7.7 | 50 | 1880000022 | 22 | 4700 |
| 7.7 | 40 | 1880000022 | 22 | 4700 |
| 7.7 | 30 | 1879999983 | -17 | 4700 |
| 7.7 | 20 | 1880000016 | 16 | 4700 |
| 7.7 | 10 | 1880000006 | 6 | 4700 |
| 7.7 | 0 | 1879999993 | -7 | 4700 |
| 7.7 | -10 | 1880000013 | 13 | 4700 |
| 7.7 | -20 | 1879999975 | -25 | 4700 |
| 7.7 | -30 | 1880000010 | 10 | 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

| WCDMA IV Mid Channel 1732.6 MHz | | | | |
|------------------------------------|------------|-------------|------------|------------|
| Limit: +/- 2.5 ppm | | | | |
| Vdc | Temp. (°C) | Freq. (MHz) | Delta (Hz) | Limit (Hz) |
| FREQUENCY ERROR vs. VOLTAGE | | | | |
| 8.855 | 20 | 1732599977 | -23 | 4331 |
| 7.7 | 20 | 1732600016 | 16 | 4331 |
| 6.545 | 20 | 1732599996 | -4 | 4331 |
| 6.3 (End point) | 20 | 1732599982 | -18 | 4331 |
| FREQUENCY ERROR vs. Temp. | | | | |
| 7.7 | 50 | 1732599978 | -22 | 4331 |
| 7.7 | 40 | 1732600012 | 12 | 4331 |
| 7.7 | 30 | 1732599999 | -1 | 4331 |
| 7.7 | 20 | 1732600003 | 3 | 4331 |
| 7.7 | 10 | 1732599998 | -2 | 4331 |
| 7.7 | 0 | 1732600002 | 2 | 4331 |
| 7.7 | -10 | 1732599981 | -19 | 4331 |
| 7.7 | -20 | 1732600008 | 8 | 4331 |
| 7.7 | -30 | 1732599997 | -3 | 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

| WCDMA V Mid Channel 836.6 MHz | | | | |
|-------------------------------|------------|-------------|------------|------------|
| Limit: +/- 2.5 ppm | | | | |
| Vdc | Temp. (°C) | Freq. (MHz) | Delta (Hz) | Limit (Hz) |
| FREQUENCY ERROR vs. VOLTAGE | | | | |
| 8.855 | 20 | 836600020 | 20 | 2091 |
| 7.7 | 20 | 836600009 | 9 | 2091 |
| 6.545 | 20 | 836600023 | 23 | 2091 |
| 6.3 (End point) | 20 | 836600012 | 12 | 2091 |
| FREQUENCY ERROR vs. Temp. | | | | |
| 7.7 | 50 | 836600014 | 14 | 2091 |
| 7.7 | 40 | 836600019 | 19 | 2091 |
| 7.7 | 30 | 836599988 | -12 | 2091 |
| 7.7 | 20 | 836600004 | 4 | 2091 |
| 7.7 | 10 | 836599979 | -21 | 2091 |
| 7.7 | 0 | 836599988 | -12 | 2091 |
| 7.7 | -10 | 836600009 | 9 | 2091 |
| 7.7 | -20 | 836600018 | 18 | 2091 |
| 7.7 | -30 | 836599993 | -7 | 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 |
|--------------------------------|--------------------|-------------|------------|--------------------------|
| Power Supply Vdc | Temp. (°C) | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 8.855 | 25 | 1880.000024 | 24 | 4700 |
| 7.7 | 25 | 1880.000023 | 23 | 4700 |
| 6.545 | 25 | 1880.000019 | 19 | 4700 |
| 6.2 | 25 | 1879.999985 | -15 | 4700 |
| (End Point) | | | | |
| Freq. ERROR vs. Temp. | | | | |
| 7.7 | -30 | 1880.000012 | 12 | 4700 |
| 7.7 | -20 | 1880.000000 | 0 | 4700 |
| 7.7 | -10 | 1880.000000 | 0 | 4700 |
| 7.7 | 0 | 1880.000000 | 0 | 4700 |
| 7.7 | 10 | 1880.000000 | 0 | 4700 |
| 7.7 | 20 | 1880.000008 | 8 | 4700 |
| 7.7 | 30 | 1880.000006 | 6 | 4700 |
| 7.7 | 40 | 1879.999985 | -15 | 4700 |
| 7.7 | 50 | 1880.000020 | 20 | 4700 |

| Reference Freq.: | LTE B4 Mid Channel | | 1733 | MHz 20M QPSK CH 20175 |
|--------------------------------|--------------------|-------------|------------|--------------------------|
| Power Supply Vdc | Temp. (°C) | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 8.855 | 25 | 1732.500015 | 15 | 4331 |
| 7.7 | 25 | 1732.499979 | -21 | 4331 |
| 6.545 | 25 | 1732.500009 | 9 | 4331 |
| 6.2 | 25 | 1732.499988 | -12 | 4331 |
| (End Point) | | | | |
| Freq. ERROR vs. Temp. | | | | |
| 7.7 | -30 | 1732.500008 | 8 | 4331 |
| 7.7 | -20 | 1732.500017 | 17 | 4331 |
| 7.7 | -10 | 1732.500013 | 13 | 4331 |
| 7.7 | 0 | 1732.500007 | 7 | 4331 |
| 7.7 | 10 | 1732.499986 | -14 | 4331 |
| 7.7 | 20 | 1732.500021 | 21 | 4331 |
| 7.7 | 30 | 1732.499994 | -6 | 4331 |
| 7.7 | 40 | 1732.500002 | 2 | 4331 |
| 7.7 | 50 | 1732.499992 | -8 | 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.

| Reference Freq.: | LTE B5 Mid Channel | | 837 | MHz 10M QPSK CH 20525 |
|--------------------------------|--------------------|-------------|------------|--------------------------|
| Power Supply Vdc | Temp. (°C) | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 8.855 | 25 | 836.500014 | 14 | 2091 |
| 7.7 | 25 | 836.499994 | -6 | 2091 |
| 6.545 | 25 | 836.500014 | 14 | 2091 |
| 6.2 | 25 | 836.500005 | 5 | 2091 |
| (End Point) | | | | |
| Freq. ERROR vs. Temp. | | | | |
| 7.7 | -30 | 836.499995 | -5 | 2091 |
| 7.7 | -20 | 836.499979 | -21 | 2091 |
| 7.7 | -10 | 836.500001 | 1 | 2091 |
| 7.7 | 0 | 836.500016 | 16 | 2091 |
| 7.7 | 10 | 836.500020 | 20 | 2091 |
| 7.7 | 20 | 836.499993 | -7 | 2091 |
| 7.7 | 30 | 836.500004 | 4 | 2091 |
| 7.7 | 40 | 836.499987 | -13 | 2091 |
| 7.7 | 50 | 836.499997 | -3 | 2091 |

| Reference Freq.: | LTE B7 Mid Channel | | 2535 | MHz 10M QPSK CH 21100 |
|--------------------------------|--------------------|-------------|------------|--------------------------|
| Power Supply Vdc | Temp. (°C) | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 8.855 | 25 | 2535.000006 | 6 | 6338 |
| 7.7 | 25 | 2534.999976 | -24 | 6338 |
| 6.545 | 25 | 2534.999976 | -24 | 6338 |
| 6.2 | 25 | 2535.000012 | 12 | 6338 |
| (End Point) | | | | |
| Freq. ERROR vs. Temp. | | | | |
| 7.7 | -30 | 2535.000021 | 21 | 6338 |
| 7.7 | -20 | 2535.000021 | 21 | 6338 |
| 7.7 | -10 | 2535.000019 | 19 | 6338 |
| 7.7 | 0 | 2534.999992 | -8 | 6338 |
| 7.7 | 10 | 2534.999986 | -14 | 6338 |
| 7.7 | 20 | 2535.000002 | 2 | 6338 |
| 7.7 | 30 | 2534.999980 | -20 | 6338 |
| 7.7 | 40 | 2534.999980 | -20 | 6338 |
| 7.7 | 50 | 2534.999975 | -25 | 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 | | 708 | MHz 10M QPSK CH 23095 |
|--------------------------------|---------------------|-------------|------------|--------------------------|
| Power Supply Vdc | Temp. (°C) | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 8.855 | 25 | 707.499996 | -4 | 1769 |
| 7.7 | 25 | 707.500004 | 4 | 1769 |
| 6.545 | 25 | 707.500023 | 23 | 1769 |
| 6.2 | 25 | 707.500016 | 16 | 1769 |
| (End Point) | | | | |
| Freq. ERROR vs. Temp. | | | | |
| 7.7 | -30 | 707.499994 | 16 | 1769 |
| 7.7 | -20 | 707.500003 | 25 | 1769 |
| 7.7 | -10 | 707.499978 | 0 | 1769 |
| 7.7 | 0 | 707.499991 | 13 | 1769 |
| 7.7 | 10 | 707.499975 | -3 | 1769 |
| 7.7 | 20 | 707.499978 | -22 | 1769 |
| 7.7 | 30 | 707.500004 | 26 | 1769 |
| 7.7 | 40 | 707.500024 | 46 | 1769 |
| 7.7 | 50 | 707.499983 | 5 | 1769 |
| Reference Freq.: | LTE B13 Mid Channel | | 782 | MHz 10M QPSK CH 23230 |
| Power Supply Vdc | Temp. (°C) | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 8.855 | 25 | 782.000008 | 8 | 1955 |
| 7.7 | 25 | 782.000005 | 5 | 1955 |
| 6.545 | 25 | 781.999992 | -8 | 1955 |
| 6.2 | 25 | 781.999995 | -5 | 1955 |
| (End Point) | | | | |
| Freq. ERROR vs. Temp. | | | | |
| 7.7 | -30 | 782.000013 | 13 | 1955 |
| 7.7 | -20 | 781.999990 | -10 | 1955 |
| 7.7 | -10 | 781.999999 | -1 | 1955 |
| 7.7 | 0 | 781.999981 | -19 | 1955 |
| 7.7 | 10 | 782.000005 | 5 | 1955 |
| 7.7 | 20 | 781.999994 | -6 | 1955 |
| 7.7 | 30 | 782.000015 | 15 | 1955 |
| 7.7 | 40 | 782.000001 | 1 | 1955 |
| 7.7 | 50 | 781.999975 | -25 | 1955 |

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

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

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 B17 Mid Channel | | 710 | MHz 10M QPSK CH 23790 |
|--------------------------------|---------------------|-------------|------------|--------------------------|
| Power Supply Vdc | Temp. (°C) | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 8.855 | 25 | 709.999994 | -6 | 1775 |
| 7.7 | 25 | 709.999999 | -1 | 1775 |
| 6.545 | 25 | 710.000014 | 14 | 1775 |
| 6.2 | 25 | 710.000011 | 11 | 1775 |
| (End Point) | | | | |
| Freq. ERROR vs. Temp. | | | | |
| 7.7 | -30 | 710.000020 | -3 | 1775 |
| 7.7 | -20 | 709.999976 | -47 | 1775 |
| 7.7 | -10 | 709.999976 | -47 | 1775 |
| 7.7 | 0 | 709.999990 | -33 | 1775 |
| 7.7 | 10 | 709.999993 | -30 | 1775 |
| 7.7 | 20 | 710.000023 | 23 | 1775 |
| 7.7 | 30 | 710.000012 | -11 | 1775 |
| 7.7 | 40 | 709.999997 | -26 | 1775 |
| 7.7 | 50 | 709.999986 | -37 | 1775 |
| Reference Freq.: | LTE B26 Mid Channel | | 837 | MHz 15M QPSK CH 26915 |
| Power Supply Vdc | Temp. (°C) | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 8.855 | 25 | 836.499998 | -2 | 2091 |
| 7.7 | 25 | 836.499975 | -25 | 2091 |
| 6.545 | 25 | 836.500007 | 7 | 2091 |
| 6.2 | 25 | 836.499997 | -3 | 2091 |
| (End Point) | | | | |
| Freq. ERROR vs. Temp. | | | | |
| 7.7 | -30 | 836.499991 | -9 | 2091 |
| 7.7 | -20 | 836.500007 | 7 | 2091 |
| 7.7 | -10 | 836.499986 | -14 | 2091 |
| 7.7 | 0 | 836.499987 | -13 | 2091 |
| 7.7 | 10 | 836.499982 | -18 | 2091 |
| 7.7 | 20 | 836.499992 | -8 | 2091 |
| 7.7 | 30 | 836.499998 | -2 | 2091 |
| 7.7 | 40 | 836.499986 | -14 | 2091 |
| 7.7 | 50 | 836.500018 | 18 | 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 B26 Mid Channel | | 819 | MHz 10M QPSK CH 26740 |
|---|---------------------|-------------|------------|--------------------------|
| Power Supply Vdc | Temp. (°C) | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE (LTE B26 for Part 90S) | | | | |
| 8.855 | 25 | 819.000021 | 21 | 2048 |
| 7.7 | 25 | 818.999990 | -10 | 2048 |
| 6.545 | 25 | 819.000020 | 20 | 2048 |
| 6.2 | 25 | 819.000001 | 1 | 2048 |
| (End Point) | | | | |
| Freq. ERROR vs. Temp. | | | | |
| 7.7 | -30 | 818.999990 | -17 | 2048 |
| 7.7 | -20 | 818.999984 | -23 | 2048 |
| 7.7 | -10 | 818.999991 | -16 | 2048 |
| 7.7 | 0 | 819.000016 | 9 | 2048 |
| 7.7 | 10 | 819.000019 | 12 | 2048 |
| 7.7 | 20 | 819.000007 | 7 | 2048 |
| 7.7 | 30 | 819.000024 | 17 | 2048 |
| 7.7 | 40 | 818.999983 | -24 | 2048 |
| 7.7 | 50 | 819.000007 | 0 | 2048 |
| Reference Freq.: | LTE B30 Mid Channel | | 2310 | MHz 10M QPSK CH 27710 |
| Power Supply Vdc | Temp. (°C) | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 8.855 | 25 | 2309.999994 | -6 | 6488 |
| 7.7 | 25 | 2310.000021 | 21 | 6488 |
| 6.545 | 25 | 2309.999986 | -14 | 6488 |
| 6.2 | 25 | 2310.000009 | 9 | 6488 |
| (End Point) | | | | |
| Freq. ERROR vs. Temp. | | | | |
| 7.7 | -30 | 2309.999985 | -15 | 6488 |
| 7.7 | -20 | 2309.999999 | -1 | 6488 |
| 7.7 | -10 | 2309.999977 | -23 | 6488 |
| 7.7 | 0 | 2310.000009 | 9 | 6488 |
| 7.7 | 10 | 2310.000008 | 8 | 6488 |
| 7.7 | 20 | 2309.999995 | -5 | 6488 |
| 7.7 | 30 | 2310.000004 | 4 | 6488 |
| 7.7 | 40 | 2310.000010 | 10 | 6488 |
| 7.7 | 50 | 2309.999996 | -4 | 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.

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 B38 Mid Channel | | 2595 | MHz 10M QPSK CH 38000 |
|--------------------------------|---------------------|-------------|------------|--------------------------|
| Power Supply Vdc | Temp. (°C) | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 8.855 | 25 | 2595.000002 | 2 | 6488 |
| 7.7 | 25 | 2594.999980 | -20 | 6488 |
| 6.545 | 25 | 2595.000001 | 1 | 6488 |
| 6.2 (End Point) | 25 | 2595.000007 | 7 | 6488 |
| Freq. ERROR vs. Temp. | | | | |
| 7.7 | -30 | 2594.999976 | -24 | 6488 |
| 7.7 | -20 | 2595.000016 | 16 | 6488 |
| 7.7 | -10 | 2594.999992 | -8 | 6488 |
| 7.7 | 0 | 2595.000012 | 12 | 6488 |
| 7.7 | 10 | 2595.000010 | 10 | 6488 |
| 7.7 | 20 | 2594.999976 | -24 | 6488 |
| 7.7 | 30 | 2595.000010 | 10 | 6488 |
| 7.7 | 40 | 2594.999984 | -16 | 6488 |
| 7.7 | 50 | 2594.999979 | -21 | 6488 |
| Reference Freq.: | LTE B41 Mid Channel | | 2605 | MHz 10M QPSK CH 40740 |
| Power Supply Vdc | Temp. (°C) | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 8.855 | 25 | 2604.999983 | -17 | 6488 |
| 7.7 | 25 | 2604.999996 | -4 | 6488 |
| 6.545 | 25 | 2605.000000 | 0 | 6488 |
| 6.2 (End Point) | 25 | 2604.999992 | -8 | 6488 |
| Freq. ERROR vs. Temp. | | | | |
| 7.7 | -30 | 2605.000003 | 11 | 6488 |
| 7.7 | -20 | 2604.999995 | 3 | 6488 |
| 7.7 | -10 | 2604.999993 | 1 | 6488 |
| 7.7 | 0 | 2605.000012 | 20 | 6488 |
| 7.7 | 10 | 2604.999996 | 4 | 6488 |
| 7.7 | 20 | 2604.999992 | -8 | 6488 |
| 7.7 | 30 | 2604.999977 | -15 | 6488 |
| 7.7 | 40 | 2605.000001 | 9 | 6488 |
| 7.7 | 50 | 2604.999995 | 3 | 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.

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 B66 Mid Channel | | 1745 | MHz 10M QPSK CH 132322 |
|--------------------------------|---------------------|-------------|------------|--------------------------|
| Power Supply Vdc | Temp. (°C) | Freq. (MHz) | Delta (Hz) | Limit = +/- 2.5 ppm (Hz) |
| Freq. ERROR vs. VOLTAGE | | | | |
| 8.855 | 25 | 1744.999987 | -13 | 6488 |
| 7.7 | 25 | 1745.000013 | 13 | 6488 |
| 6.545 | 25 | 1745.000003 | 3 | 6488 |
| 6.2 | 25 | 1745.000002 | 2 | 6488 |
| (End Point) | | | | |
| Freq. ERROR vs. Temp. | | | | |
| 7.7 | -30 | 1744.999983 | -17 | 6488 |
| 7.7 | -20 | 1745.000010 | 10 | 6488 |
| 7.7 | -10 | 1744.999982 | -18 | 6488 |
| 7.7 | 0 | 1745.000019 | 19 | 6488 |
| 7.7 | 10 | 1745.000019 | 19 | 6488 |
| 7.7 | 20 | 1744.999999 | -1 | 6488 |
| 7.7 | 30 | 1744.999991 | -9 | 6488 |
| 7.7 | 40 | 1745.000016 | 16 | 6488 |
| 7.7 | 50 | 1745.000010 | 10 | 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.

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

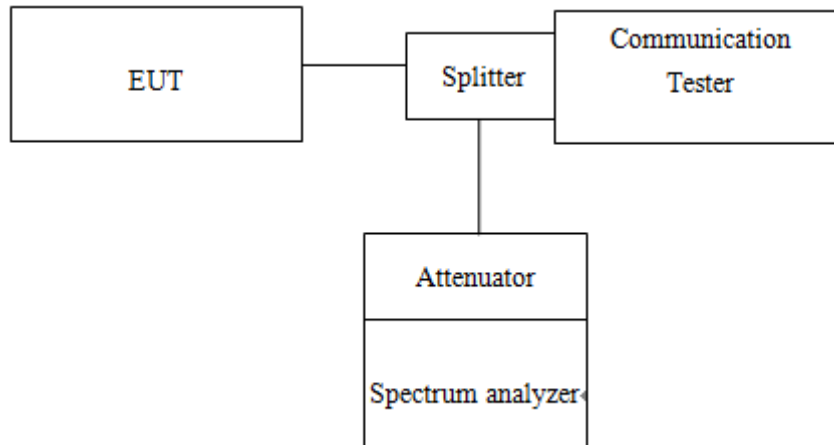
Member of SGS Group

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 | 06/11/2017 | 06/10/2018 |
| Coaxial Cable 30cm | WOKEN | 00100A1F1A19 5C | RF01 | 12/24/2017 | 12/23/2018 |
| Temperature Chamber | TERCHY | MHK-120LK | 1020582 | 06/13/2017 | 06/12/2018 |
| DC Block | PASTERNAK | PE8210 | RF29 | 12/24/2017 | 12/23/2018 |
| Splitter | RF-LAMBDA | RFLT2W1G18G | RF35 | 12/24/2017 | 12/23/2018 |
| Attenuator | WOKEN | 218FS-10 | RF23 | 12/24/2017 | 12/23/2018 |
| 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) | | |
|-------------|------|----------------------------|-------------|-------------|
| | | WCDMA II | HSDPA II | HSUPA II |
| 1852.4 | 9262 | 3.44 | 3.98 | 4.05 |
| 1880 | 9400 | 3.51 | 3.87 | 4.19 |
| 1907.6 | 9538 | 3.45 | 4.05 | 4.19 |

| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | |
|-------------|------|----------------------------|-------------|-------------|
| | | WCDMA IV | HSDPA IV | HSUPA IV |
| 1712.4 | 1312 | 3.32 | 3.99 | 3.80 |
| 1732.6 | 1413 | 3.42 | 3.97 | 3.82 |
| 1752.6 | 1513 | 3.29 | 3.74 | 3.87 |

| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | |
|-------------|------|----------------------------|-------------|-------------|
| | | WCDMA V | HSDPA V | HSUPA V |
| 826.4 | 4132 | 3.25 | 4.08 | 3.74 |
| 836.6 | 4183 | 3.25 | 3.85 | 3.63 |
| 846.6 | 4233 | 2.98 | 3.70 | 3.68 |

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

| LTE BAND 2 | | | | | | | |
|---------------------------|-------|-----------|-------|-------------------------|-------|-----------|-------|
| Channel bandwidth: 1.4MHz | | | | Channel bandwidth: 3MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 1850.70 | 18607 | 6.98 | 13 | 1851.50 | 18615 | 6.77 | 13 |
| 1880.00 | 18900 | 7.22 | 13 | 1880.00 | 18900 | 6.70 | 13 |
| 1909.30 | 19193 | 6.58 | 13 | 1908.50 | 19185 | 6.68 | 13 |

| LTE BAND 2 | | | | | | | |
|-------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 1852.50 | 18625 | 6.86 | 13 | 1855.00 | 18650 | 6.67 | 13 |
| 1880.00 | 18900 | 6.71 | 13 | 1880.00 | 18900 | 6.61 | 13 |
| 1907.50 | 19175 | 6.67 | 13 | 1905.00 | 19150 | 6.59 | 13 |

| LTE BAND 2 | | | | | | | |
|--------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 15MHz | | | | Channel bandwidth: 20MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 1857.50 | 18675 | 6.16 | 13 | 1860.00 | 18700 | 6.71 | 13 |
| 1880.00 | 18900 | 6.26 | 13 | 1880.00 | 18900 | 6.65 | 13 |
| 1902.50 | 19125 | 6.25 | 13 | 1900.00 | 19100 | 6.66 | 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

| LTE BAND 4 | | | | | | | |
|---------------------------|-------|-----------|-------|-------------------------|-------|-----------|-------|
| Channel bandwidth: 1.4MHz | | | | Channel bandwidth: 3MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 1710.70 | 19957 | 6.48 | 13 | 1711.50 | 19965 | 6.41 | 13 |
| 1732.50 | 20175 | 6.84 | 13 | 1732.50 | 20175 | 6.71 | 13 |
| 1754.30 | 20393 | 6.55 | 13 | 1753.50 | 20385 | 6.62 | 13 |

| LTE BAND 4 | | | | | | | |
|-------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 1712.50 | 19957 | 6.44 | 13 | 1715.00 | 20000 | 6.42 | 13 |
| 1732.50 | 20175 | 6.56 | 13 | 1732.50 | 20175 | 6.65 | 13 |
| 1752.50 | 20375 | 6.45 | 13 | 1750.00 | 20350 | 6.36 | 13 |

| LTE BAND 4 | | | | | | | |
|--------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 15MHz | | | | Channel bandwidth: 20MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 1717.50 | 20025 | 6.27 | 13 | 1720.00 | 20050 | 6.76 | 13 |
| 1732.50 | 20175 | 6.40 | 13 | 1732.50 | 20175 | 6.84 | 13 |
| 1747.50 | 20325 | 6.17 | 13 | 1745.00 | 20300 | 6.71 | 13 |

| LTE BAND 5 | | | | | | | |
|---------------------------|-------|-----------|-------|-------------------------|-------|-----------|-------|
| Channel bandwidth: 1.4MHz | | | | Channel bandwidth: 3MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 824.70 | 20407 | 5.23 | 13 | 825.50 | 20415 | 5.46 | 13 |
| 836.50 | 20525 | 6.66 | 13 | 836.50 | 20525 | 6.39 | 13 |
| 848.30 | 20643 | 5.94 | 13 | 847.50 | 20635 | 5.79 | 13 |

| LTE BAND 5 | | | | | | | |
|-------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 826.50 | 20425 | 5.37 | 13 | 829.00 | 20450 | 5.58 | 13 |
| 836.50 | 20525 | 6.44 | 13 | 836.50 | 20525 | 6.38 | 13 |
| 846.50 | 20625 | 5.27 | 13 | 844.00 | 20600 | 5.62 | 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 7 | | | | | | | |
|-------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 2502.50 | 20775 | 5.73 | 13 | 2505.00 | 20800 | 5.97 | 13 |
| 2535.00 | 21100 | 5.95 | 13 | 2535.00 | 21100 | 6.03 | 13 |
| 2567.50 | 21375 | 5.94 | 13 | 2565.00 | 21350 | 6.11 | 13 |

| LTE BAND 7 | | | | | | | |
|--------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 15MHz | | | | Channel bandwidth: 20MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 2507.50 | 20825 | 6.06 | 13 | 2510.00 | 20850 | 6.58 | 13 |
| 2535.00 | 21100 | 6.15 | 13 | 2535.00 | 21100 | 6.65 | 13 |
| 2562.50 | 21375 | 6.14 | 13 | 2560.00 | 21350 | 6.69 | 13 |

| LTE BAND 12 | | | | | | | |
|---------------------------|-------|-----------|-------|-------------------------|-------|-----------|-------|
| Channel bandwidth: 1.4MHz | | | | Channel bandwidth: 3MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 699.70 | 23017 | 6.26 | 13 | 700.50 | 23025 | 6.19 | 13 |
| 707.50 | 23095 | 6.15 | 13 | 707.50 | 23095 | 6.36 | 13 |
| 715.30 | 23173 | 6.36 | 13 | 714.50 | 23165 | 6.35 | 13 |

| LTE BAND 12 | | | | | | | |
|-------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 701.50 | 23035 | 6.19 | 13 | 704.00 | 23060 | 6.42 | 13 |
| 707.50 | 23095 | 6.28 | 13 | 707.50 | 23095 | 6.54 | 13 |
| 713.50 | 23155 | 6.28 | 13 | 711.00 | 23130 | 6.33 | 13 |

| LTE BAND 13 | | | | | | | |
|-------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 779.50 | 23205 | 6.41 | 13 | 782.00 | 23230 | 6.29 | 13 |
| 782.00 | 23230 | 6.49 | 13 | | | | |
| 784.50 | 23255 | 6.23 | 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 17 | | | | | | | |
|-------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 706.50 | 23755 | 6.32 | 13 | 709.00 | 23780 | 6.31 | 13 |
| 710.00 | 23790 | 6.37 | 13 | 710.00 | 23790 | 6.22 | 13 |
| 713.50 | 23825 | 6.27 | 13 | 711.00 | 23780 | 6.19 | 13 |

| LTE BAND 26 | | | | | | | |
|---------------------------|-------|-----------|-------|-------------------------|-------|-----------|-------|
| Channel bandwidth: 1.4MHz | | | | Channel bandwidth: 3MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 814.70 | 26697 | 6.10 | 13 | 815.50 | 26705 | 6.14 | 13 |
| 831.50 | 26865 | 5.82 | 13 | 831.50 | 26865 | 5.99 | 13 |
| 848.30 | 27033 | 6.19 | 13 | 847.50 | 27025 | 6.00 | 13 |

| LTE BAND 26 | | | | | | | |
|-------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 816.50 | 26715 | 6.21 | 13 | 820.00 | 26750 | 6.30 | 13 |
| 831.50 | 26865 | 5.96 | 13 | 831.50 | 26865 | 5.96 | 13 |
| 846.50 | 27015 | 5.75 | 13 | 844.00 | 26990 | 5.89 | 13 |

| LTE BAND 26 | | | | | | | |
|--------------------------|-------|-----------|-------|--|--|--|--|
| Channel bandwidth: 15MHz | | | | | | | |
| Freq. (MHz) | CH | PAPR (dB) | | | | | |
| | | 16QAM | Limit | | | | |
| 822.50 | 26775 | 6.77 | 13 | | | | |
| 831.50 | 26865 | 6.62 | 13 | | | | |
| 841.50 | 26965 | 6.78 | 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 30 | | | | | | | |
|-------------------------|-------|----------|-------|--------------------------|-------|----------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | Peak-to- | | Freq. (MHz) | CH | Peak-to- | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 2307.50 | 27685 | 6.32 | 13 | 2310.00 | 27710 | 6.10 | 13 |
| 2310.00 | 27710 | 6.31 | 13 | | | | |
| 2312.50 | 27735 | 6.22 | 13 | | | | |

| LTE BAND 38 | | | | | | | |
|-------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 2572.50 | 37775 | 8.79 | 13 | 2575.00 | 37800 | 7.19 | 13 |
| 2595.00 | 38000 | 10.05 | 13 | 2595.00 | 38000 | 11.14 | 13 |
| 2617.50 | 38225 | 11.41 | 13 | 2615.00 | 38200 | 9.18 | 13 |

| LTE BAND 38 | | | | | | | |
|--------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 15MHz | | | | Channel bandwidth: 20MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 2577.50 | 37825 | 11.97 | 13 | 2580.00 | 37850 | 11.41 | 13 |
| 2595.00 | 38000 | 9.90 | 13 | 2595.00 | 38000 | 10.89 | 13 |
| 2612.50 | 38175 | 10.14 | 13 | 2610.00 | 38150 | 11.43 | 13 |

| LTE BAND 41 | | | | | | | |
|-------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 2498.50 | 39675 | 10.43 | 13 | 2501.00 | 39700 | 8.43 | 13 |
| 2593.00 | 40620 | 10.22 | 13 | 2593.00 | 40620 | 8.39 | 13 |
| 2687.50 | 41565 | 10.52 | 13 | 2685.00 | 41540 | 10.08 | 13 |

| LTE BAND 41 | | | | | | | |
|--------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 15MHz | | | | Channel bandwidth: 20MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 2503.50 | 39725 | 8.33 | 13 | 2506.00 | 39750 | 11.40 | 13 |
| 2593.00 | 40620 | 8.43 | 13 | 2593.00 | 40620 | 11.65 | 13 |
| 2682.50 | 41515 | 9.98 | 13 | 2680.00 | 41490 | 10.23 | 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

| LTE BAND 66 | | | | | | | |
|---------------------------|--------|----------|-------|--------------------------|--------|----------|-------|
| Channel bandwidth: 1.4MHz | | | | Channel bandwidth: 3MHz | | | |
| Freq. (MHz) | CH | Peak-to- | | Freq. (MHz) | CH | Peak-to- | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 1710.70 | 131979 | 6.65 | 13 | 1711.50 | 131987 | 6.43 | 13 |
| 1745.00 | 132322 | 6.70 | 13 | 1745.00 | 132322 | 6.62 | 13 |
| 1779.30 | 132665 | 6.49 | 13 | 1778.50 | 132657 | 6.34 | 13 |
| | | | | | | | |
| LTE BAND 66 | | | | | | | |
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | Peak-to- | | Freq. (MHz) | CH | Peak-to- | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 1712.50 | 131997 | 6.35 | 13 | 1715.00 | 132022 | 6.20 | 13 |
| 1745.00 | 132322 | 6.45 | 13 | 1745.00 | 132322 | 6.24 | 13 |
| 1777.50 | 132647 | 6.26 | 13 | 1775.00 | 132622 | 6.16 | 13 |
| | | | | | | | |
| LTE BAND 66 | | | | | | | |
| Channel bandwidth: 15MHz | | | | Channel bandwidth: 20MHz | | | |
| Freq. (MHz) | CH | Peak-to- | | Freq. (MHz) | CH | Peak-to- | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 1717.50 | 132047 | 6.68 | 13 | 1720.00 | 132072 | 7.05 | 13 |
| 1745.00 | 132322 | 6.70 | 13 | 1745.00 | 132322 | 7.08 | 13 |
| 1772.50 | 132597 | 6.70 | 13 | 1770.00 | 132572 | 7.14 | 13 |

Measurement Results:

Please refer to next page.

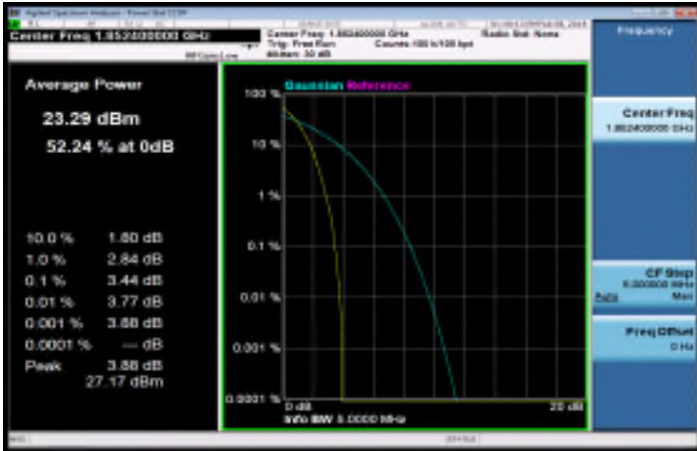
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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。

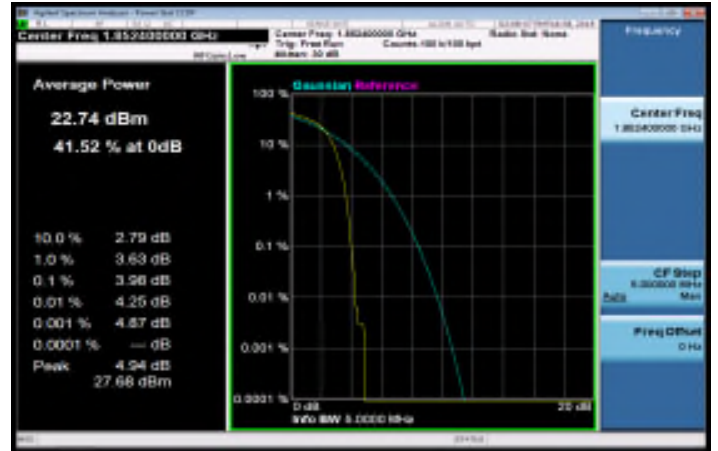
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm.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

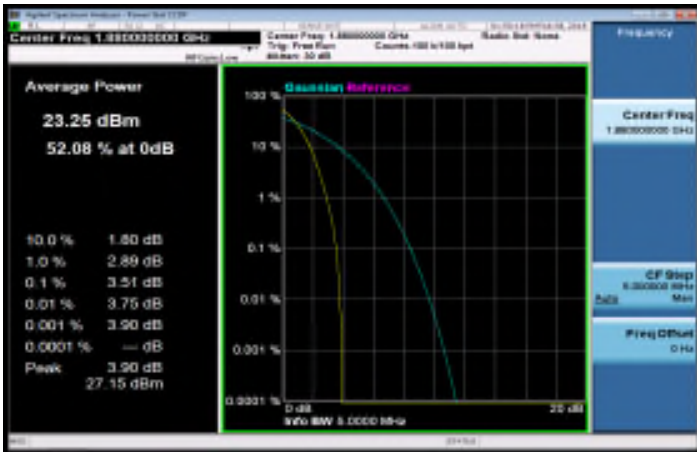
WCDMA_B2_LowCH9262-1852.4



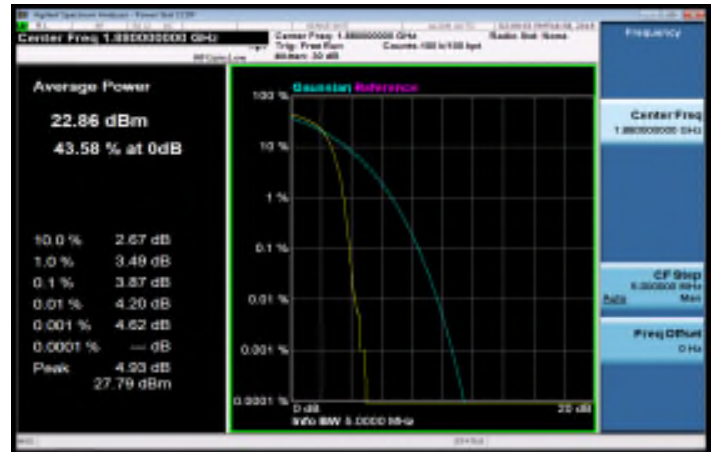
HSDPA_B2_LowCH9262-1852.4



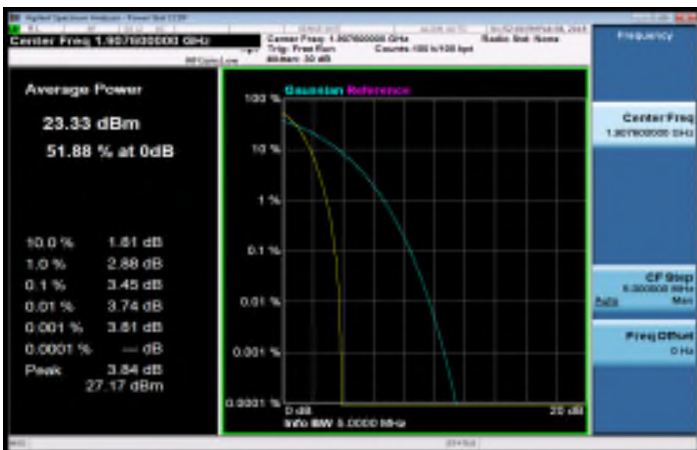
WCDMA_B2_MidCH9400-1880



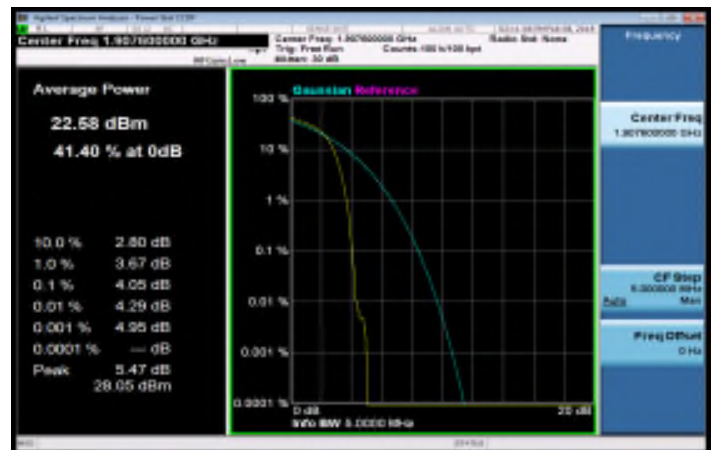
HSDPA_B2_MidCH9400-1880



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

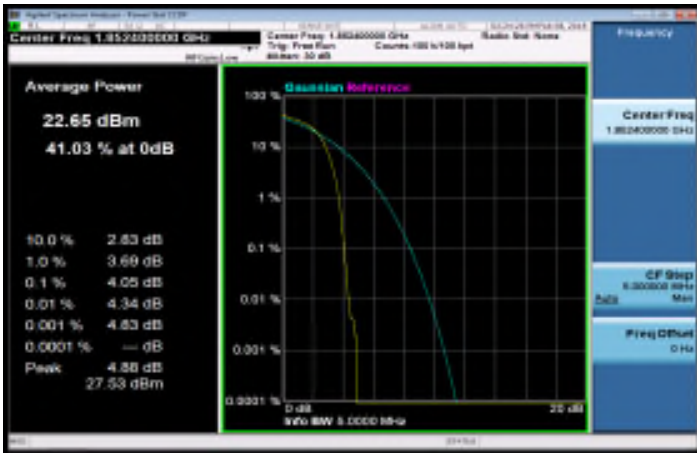
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

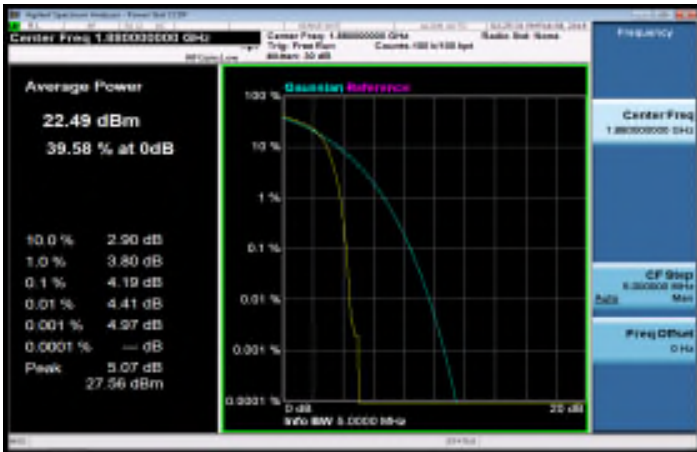
HSUPA_B2_LowCH9262-1852.4



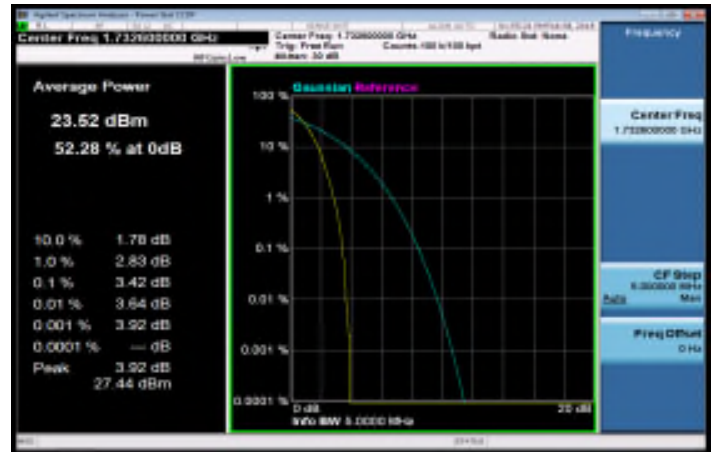
WCDMA_B4_LowCH1312-1712.4



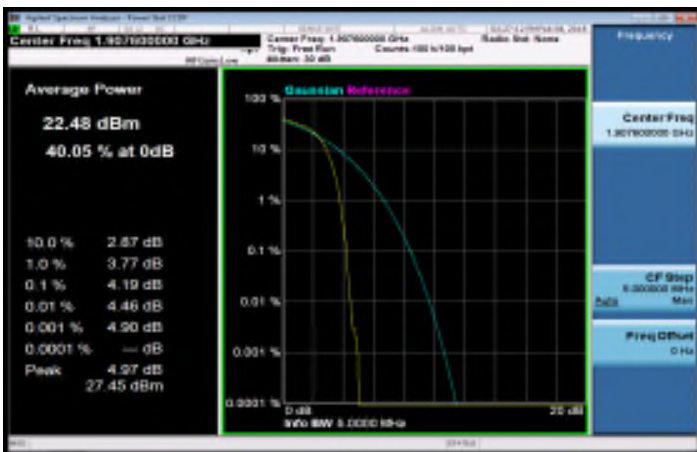
HSUPA_B2_MidCH9400-1880



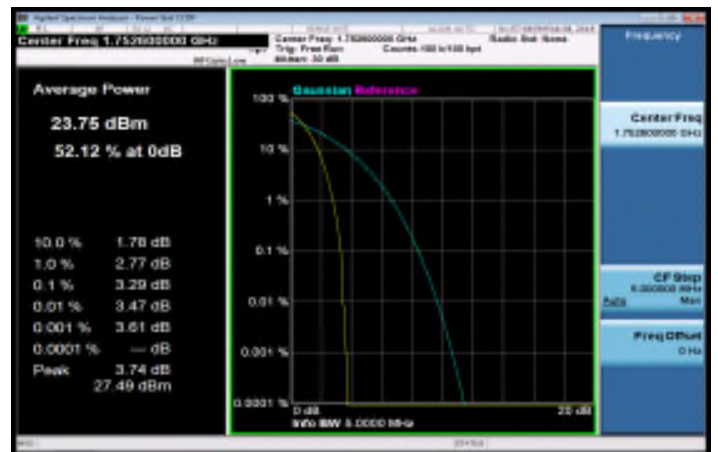
WCDMA_B4_MidCH1413-1732.6



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,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

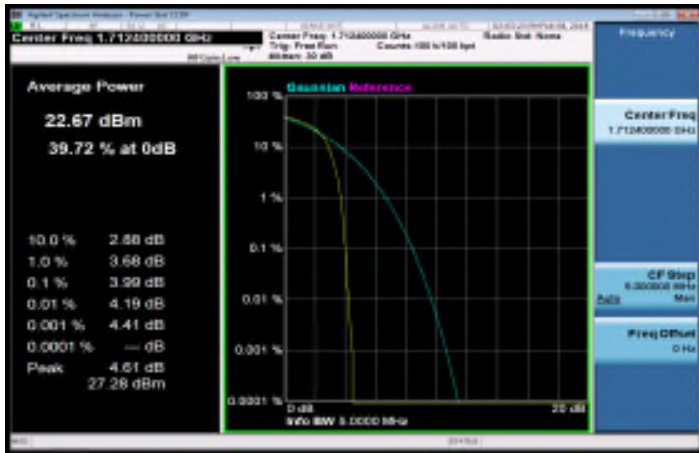
t (886-2) 2299-3279

f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

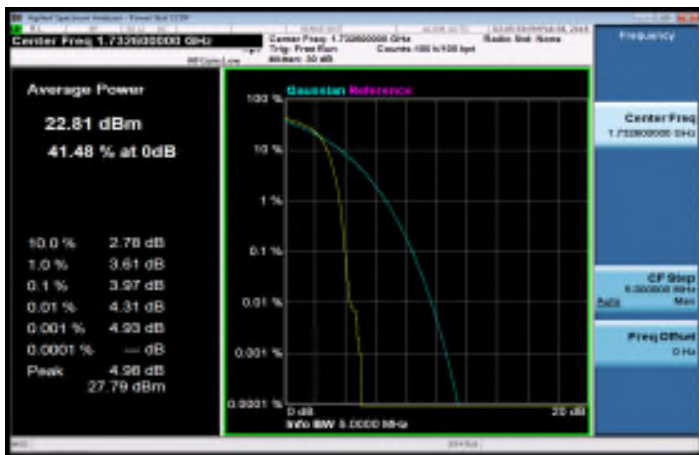
HSDPA_B4_LowCH1312-1712.4



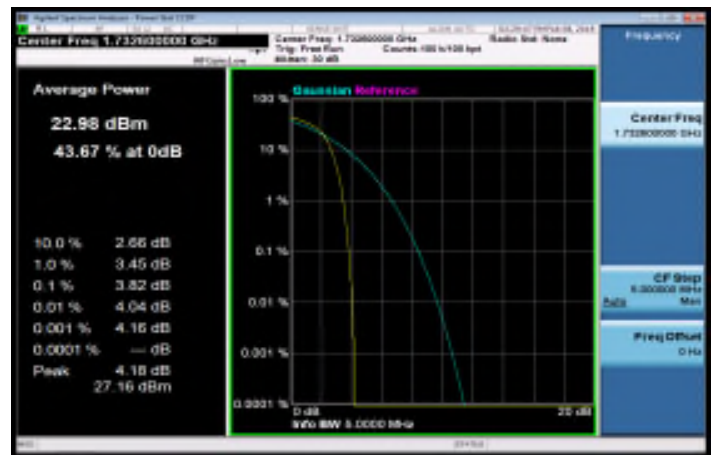
HSUPA_B4_LowCH1312-1712.4



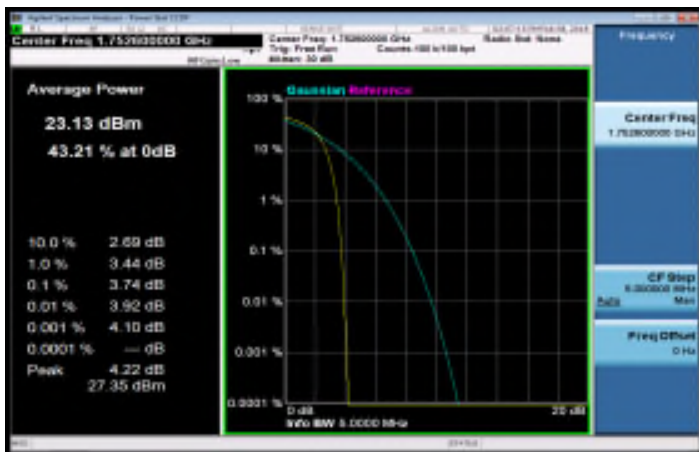
HSDPA_B4_MidCH1413-1732.6



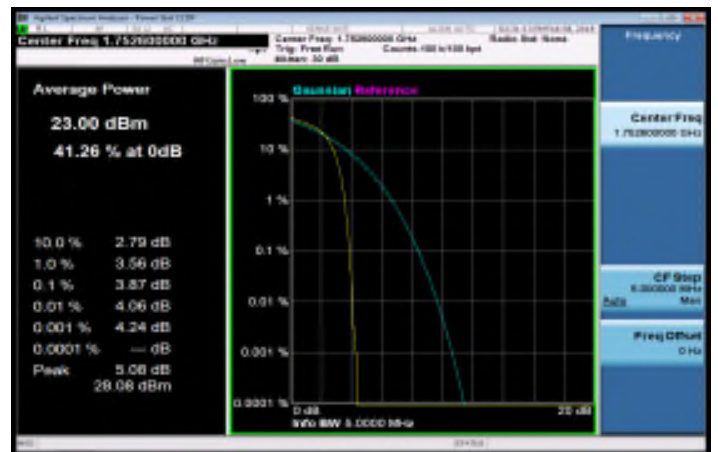
HSUPA_B4_MidCH1413-1732.6



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.

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

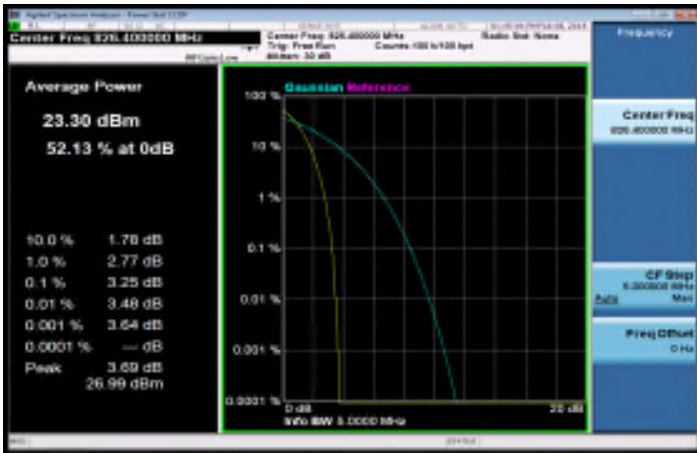
t (886-2) 2299-3279

f (886-2) 2298-0488

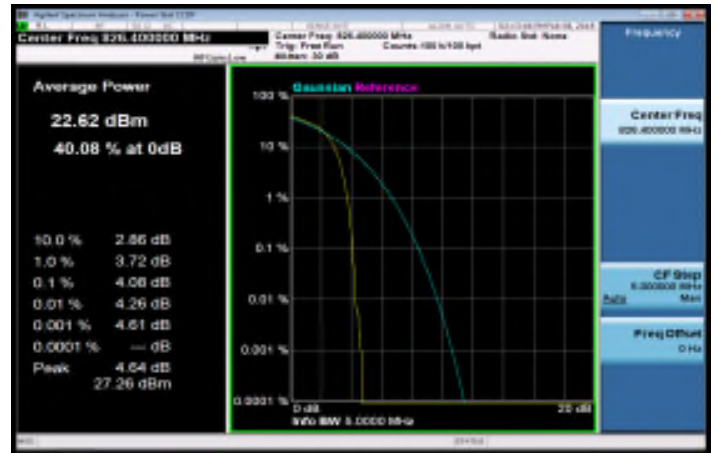
www.tw.sgs.com

Member of SGS Group

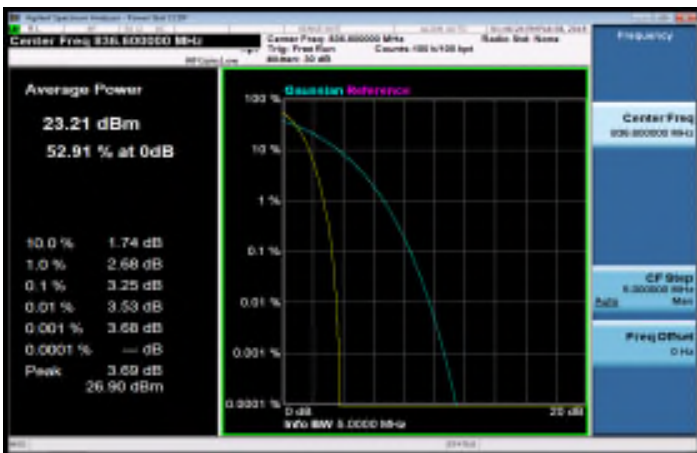
WCDMA_B5_LowCH4132-826.4



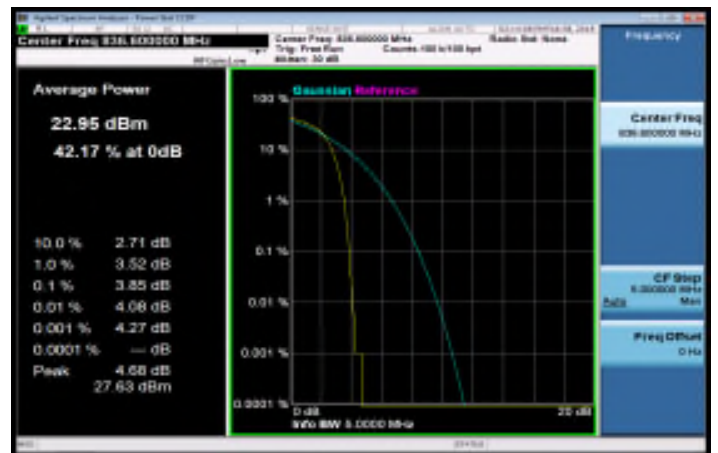
HSDPA_B5_LowCH4132-826.4



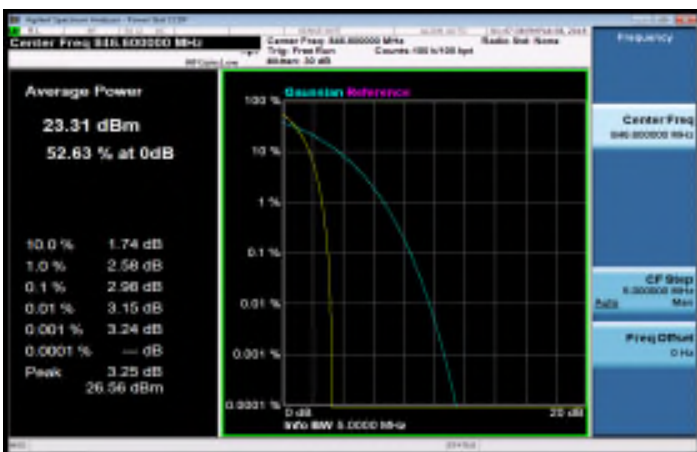
WCDMA_B5_MidCH4183-836.6



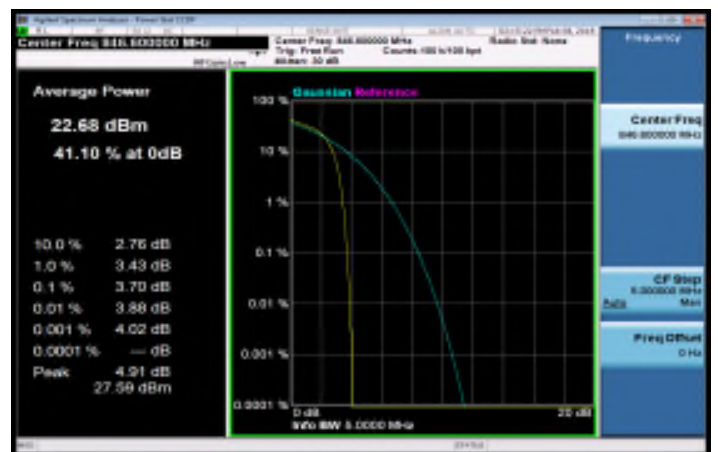
HSDPA_B5_MidCH4183-836.6



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.

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

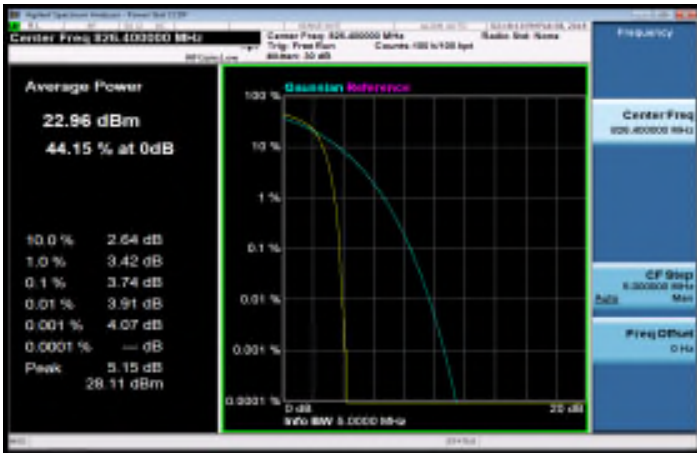
t (886-2) 2299-3279

f (886-2) 2298-0488

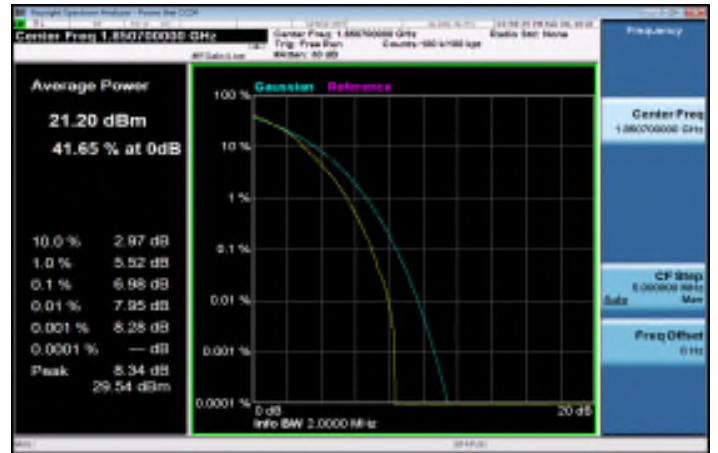
www.tw.sgs.com

Member of SGS Group

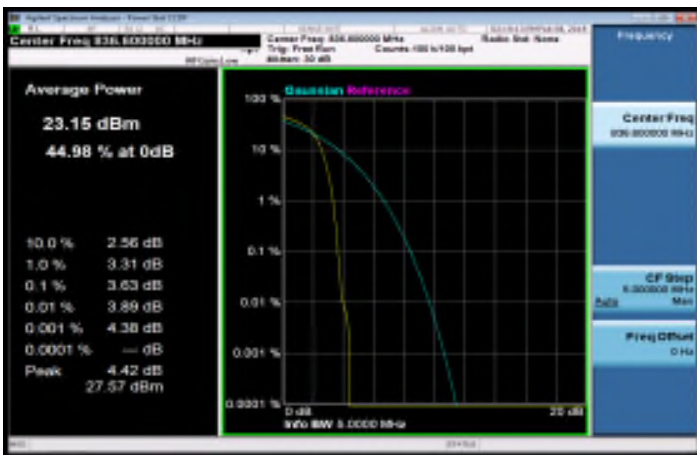
HSUPA_B5_LowCH4132-826.4



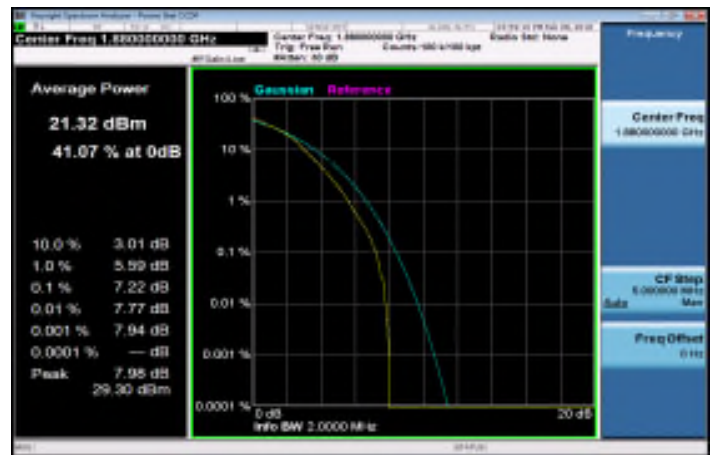
LTE_Band2_1_4MHz_16QAM_6_0_LowCH18607-1850.7



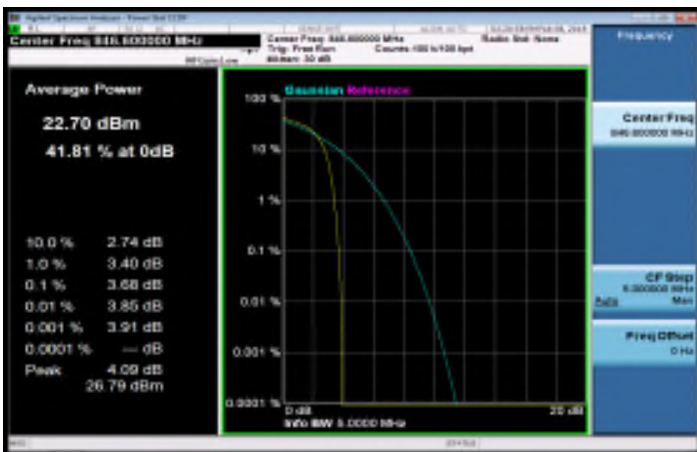
HSUPA_B5_MidCH4183-836.6



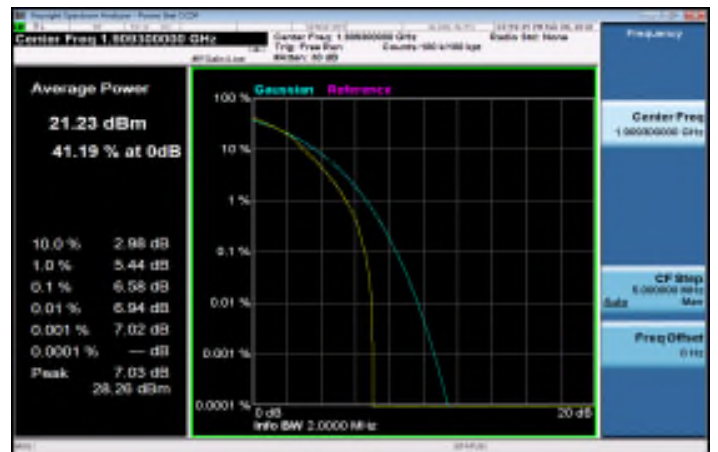
LTE_Band2_1_4MHz_16QAM_6_0_MidCH18900-1880



HSUPA_B5_HighCH4233-846.6



LTE_Band2_1_4MHz_16QAM_6_0_HighCH19193-1909.3



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

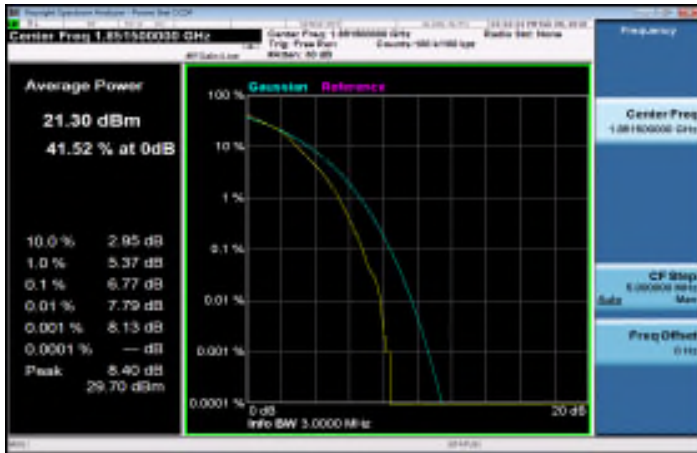
t (886-2) 2299-3279

f (886-2) 2298-0488

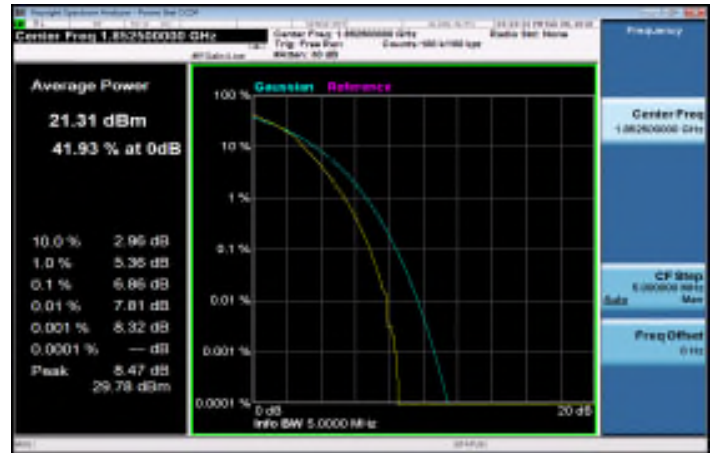
www.tw.sgs.com

Member of SGS Group

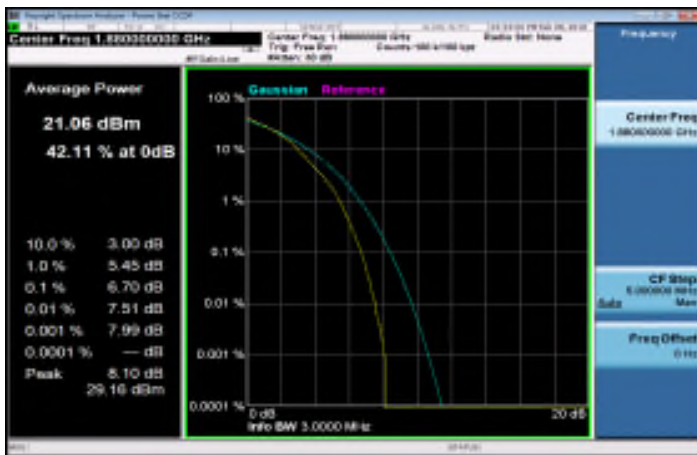
LTE_Band2_3MHz_16QAM_15_0_LowCH18615-1851.5



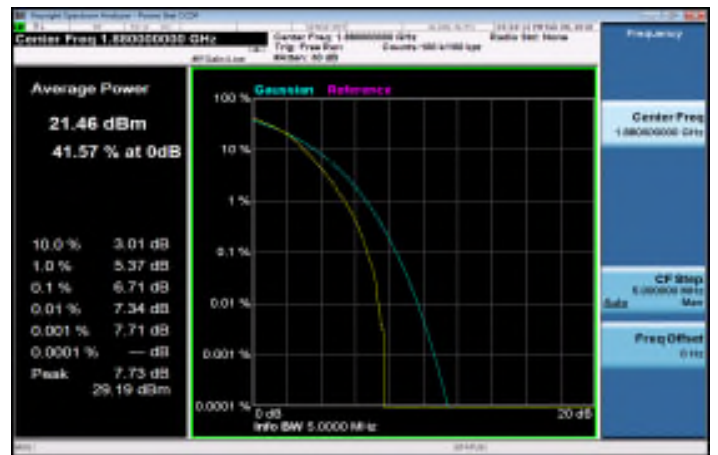
LTE_Band2_5MHz_16QAM_25_0_LowCH18625-1852.5



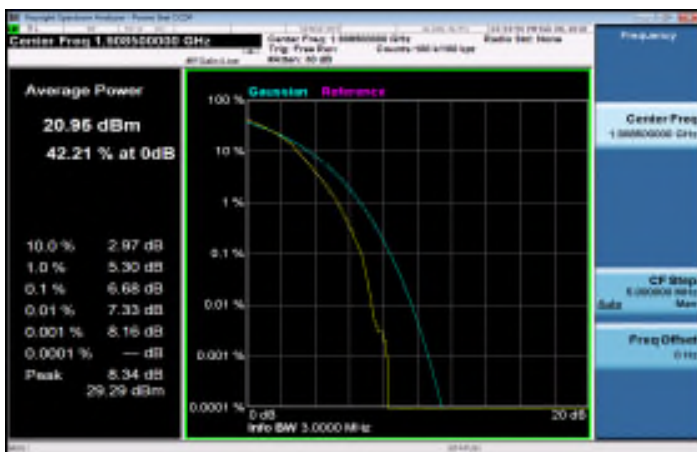
LTE_Band2_3MHz_16QAM_15_0_MidCH18900-1880



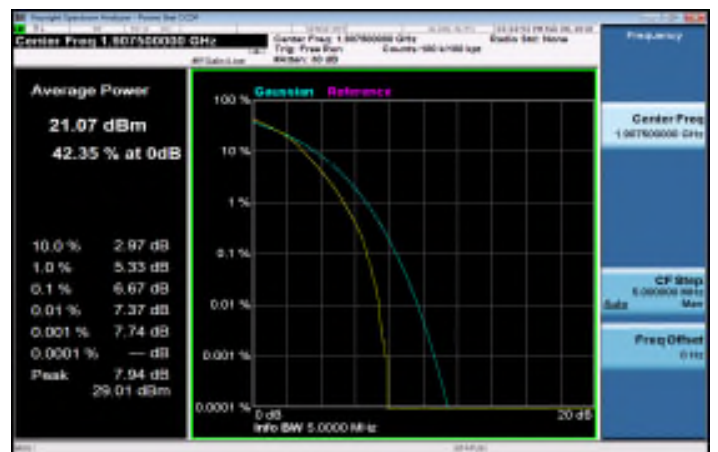
LTE_Band2_5MHz_16QAM_25_0_MidCH18900-1880



LTE_Band2_3MHz_16QAM_15_0_HighCH19185-1908.5



LTE_Band2_5MHz_16QAM_25_0_HighCH19175-1907.5



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

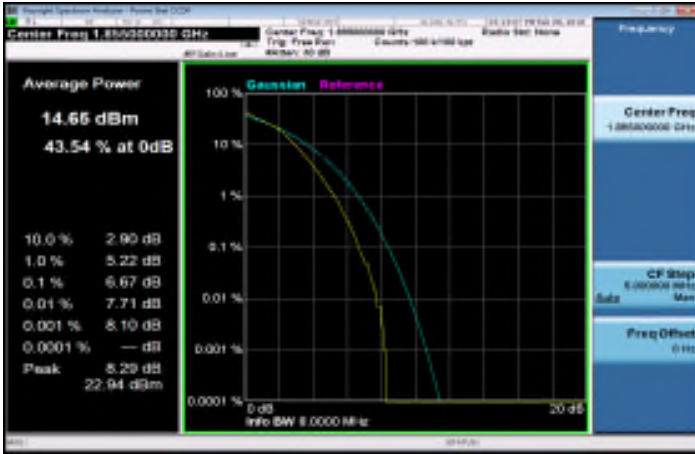
t (886-2) 2299-3279

f (886-2) 2298-0488

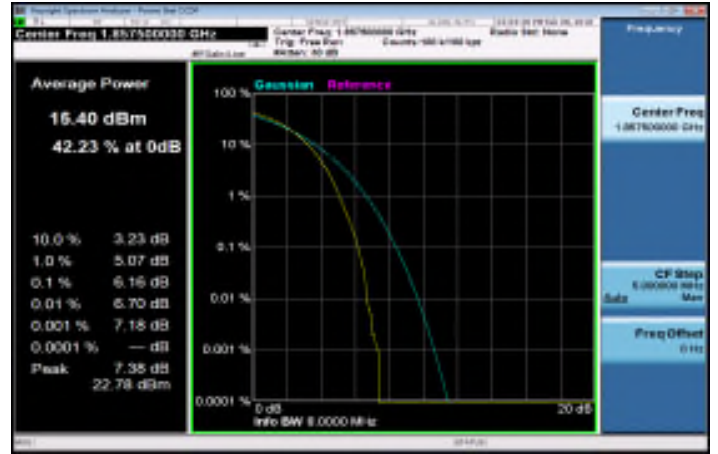
www.tw.sgs.com

Member of SGS Group

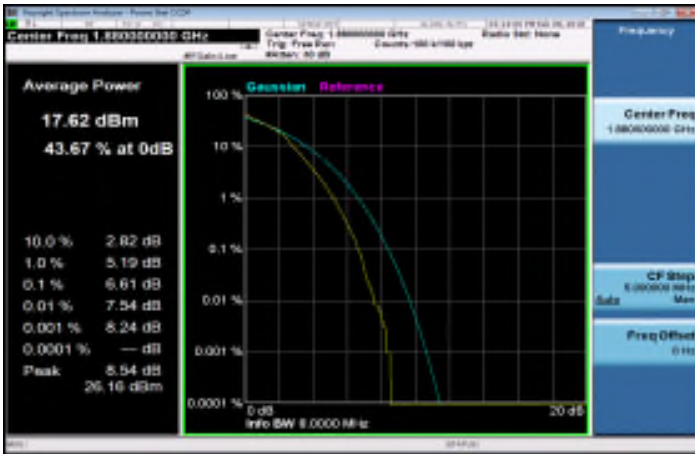
LTE_Band2_10MHz_16QAM_50_0_LowCH18650-1855



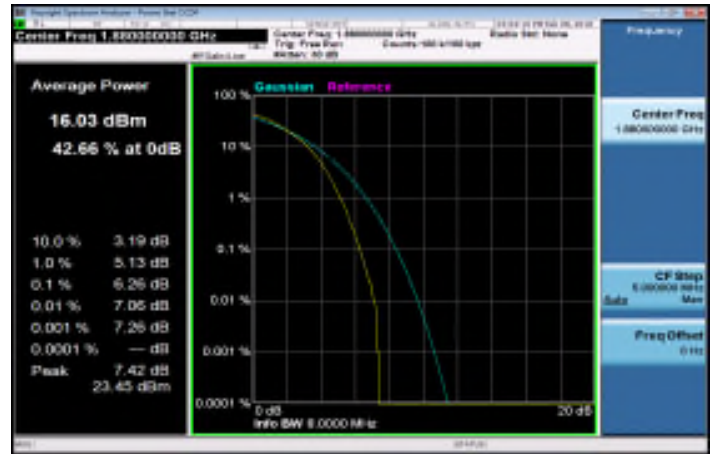
LTE_Band2_15MHz_16QAM_75_0_LowCH18675-1857.5



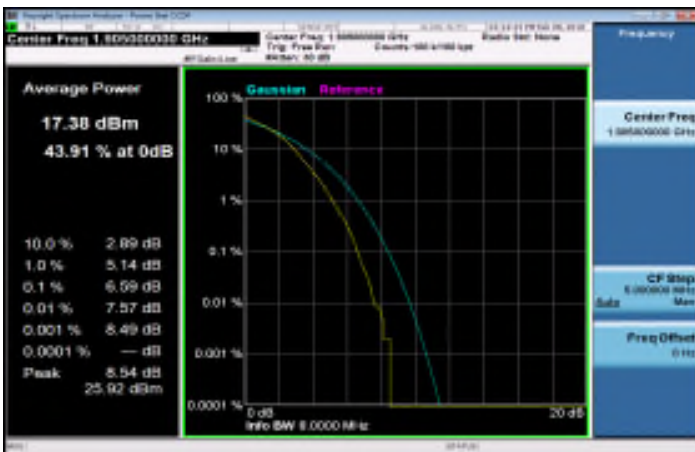
LTE_Band2_10MHz_16QAM_50_0_MidCH18900-1880



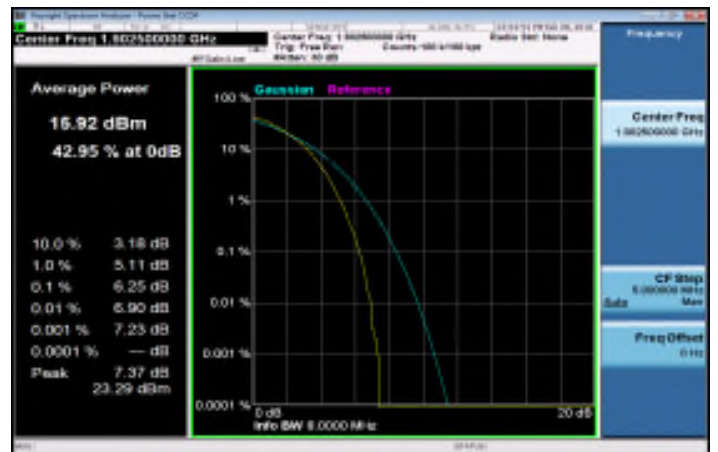
LTE_Band2_15MHz_16QAM_75_0_MidCH18900-1880



LTE_Band2_10MHz_16QAM_50_0_HighCH19150-1905



LTE_Band2_15MHz_16QAM_75_0_HighCH19125-1902.5



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