

SGS-CSTC Standards Technical Services Co., Ltd.

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan

District, Shenzhen, China 518057

Telephone: +86 (0) 755 2601 2053 Fax: +86 (0) 755 2671 0594

Email: sgs_internet_operations@sgs.com

Page: 1 of 1 FCC ID: XJ4KB6130

1.1 RF Exposure Compliance Requirement

1.1.1 Standard requirement

15.247(b)(4) requirement:

(4) The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section. if transmitting antennas of directional gain greater than 6 dBi are used. the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1). (b)(2). and (b)(3) of this section. as appropriate. by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

1.1.2 EUT RF Exposure

The Max Conducted Peak Output Power is **-0.94dBm(0.8054mW)** in Highest channel; The best case gain of the antenna is 2.0dBi. 2.0dB logarithmic terms convert to numeric result is nearly 1.58 According to the formula. calculate the EIRP test result:

EIRP= P x G = 0.8054mW x 1.58 = 1.27mW ① SAR requirement: S = 60 / f(GHz) = 60/2.480 = 24.19mW ② ;

 $S = \frac{1}{1} \left(\frac{1}{1} \left(\frac{1}{1} \right) = \frac{1}{1} \left(\frac{1}{1} \right) \left(\frac{1}{1} \right) = \frac{1}{1} \left(\frac{1}{1} \right) \left(\frac{1}{1} \right) \left(\frac{1}{1} \right) = \frac{1}{1} \left(\frac{1}{1} \right) = \frac{1}{1} \left(\frac{1}{1} \right) \left(\frac{1}$

(1) < (2)

So the SAR report is not required.

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms and conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."