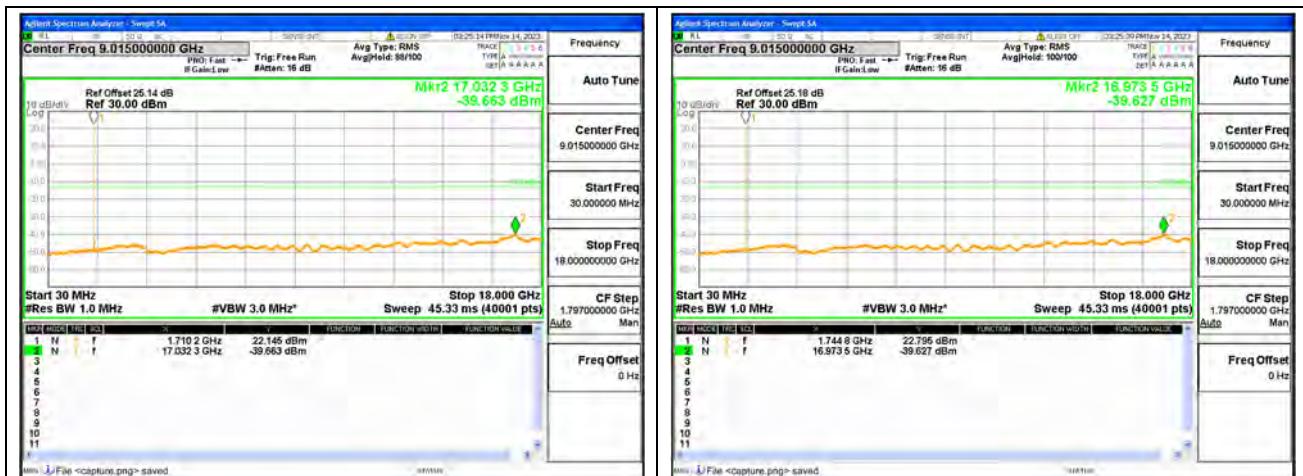
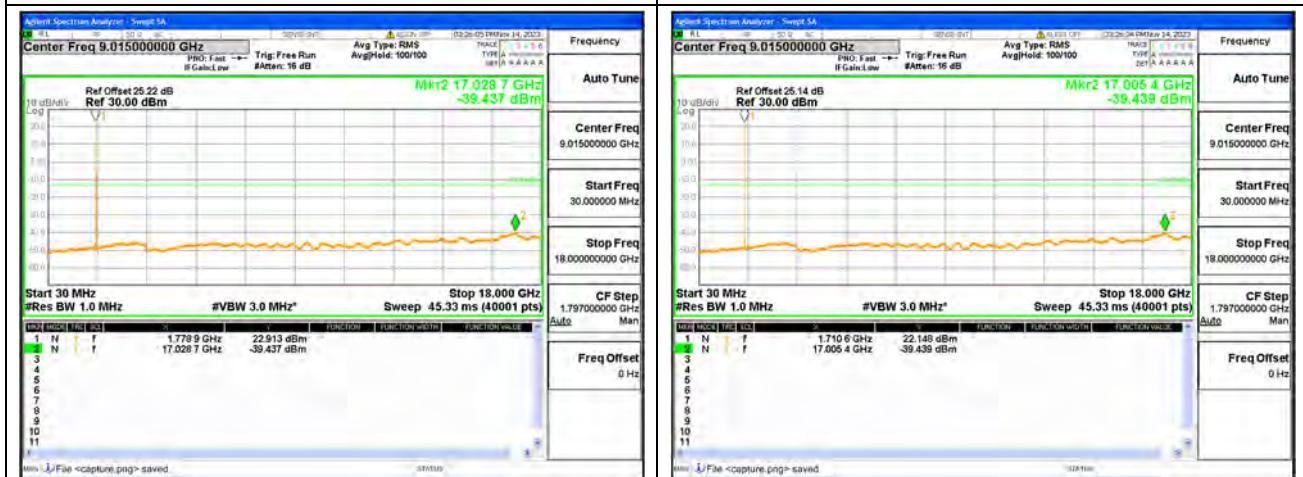




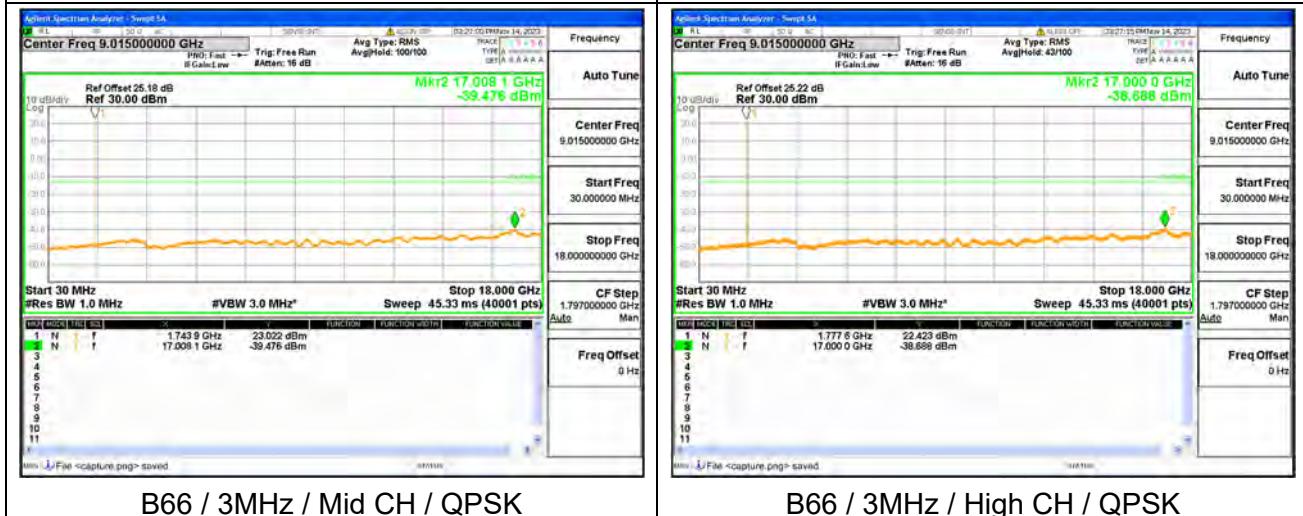
REPORT No.: SZ23100334W04



B66 / 1.4MHz / Low CH / QPSK



B66 / 1.4MHz / High CH / QPSK



B66 / 3MHz / Mid CH / QPSK

B66 / 3MHz / High CH / QPSK

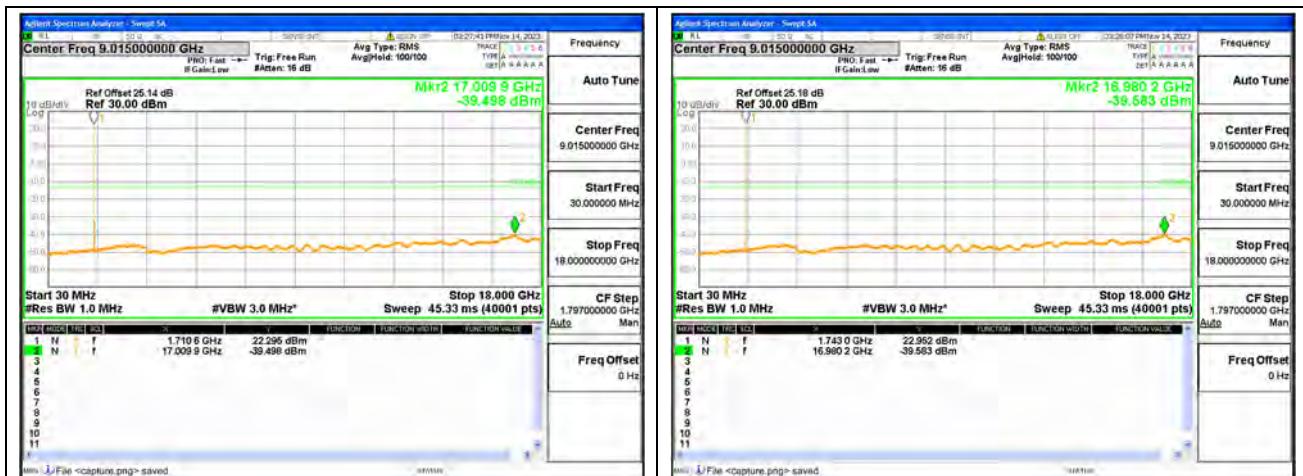
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

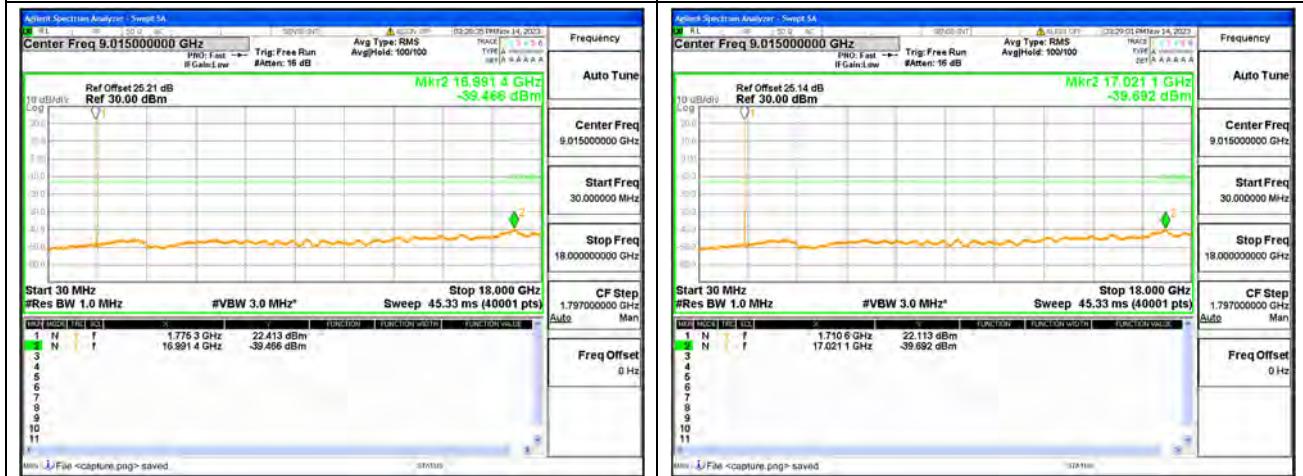
Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



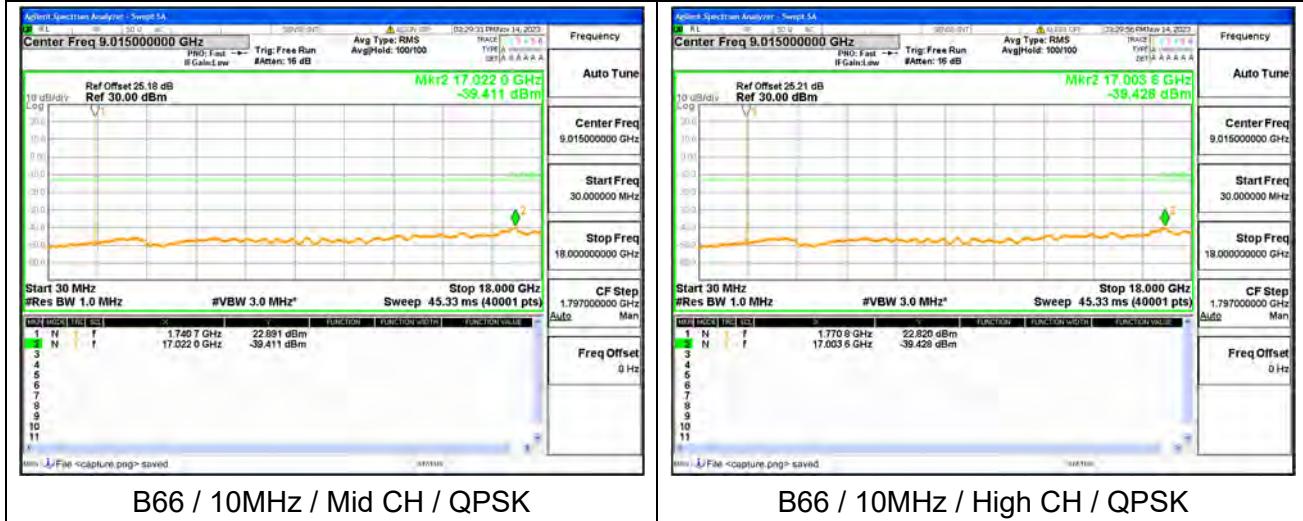
REPORT No.: SZ23100334W04



B66 / 5MHz / Low CH / QPSK

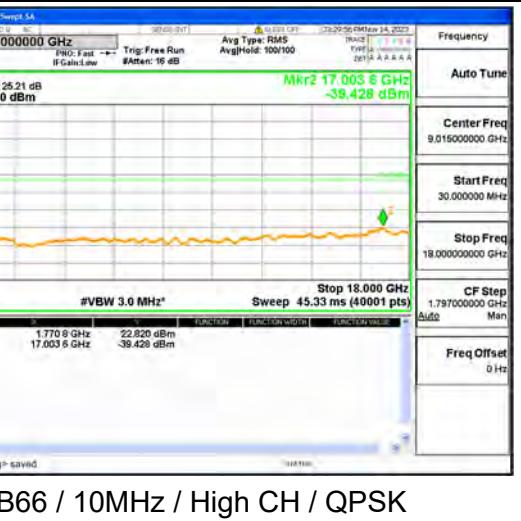


B66 / 5MHz / High CH / QPSK



B66 / 10MHz / Mid CH / QPSK

B66 / 10MHz / Low CH / QPSK



MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



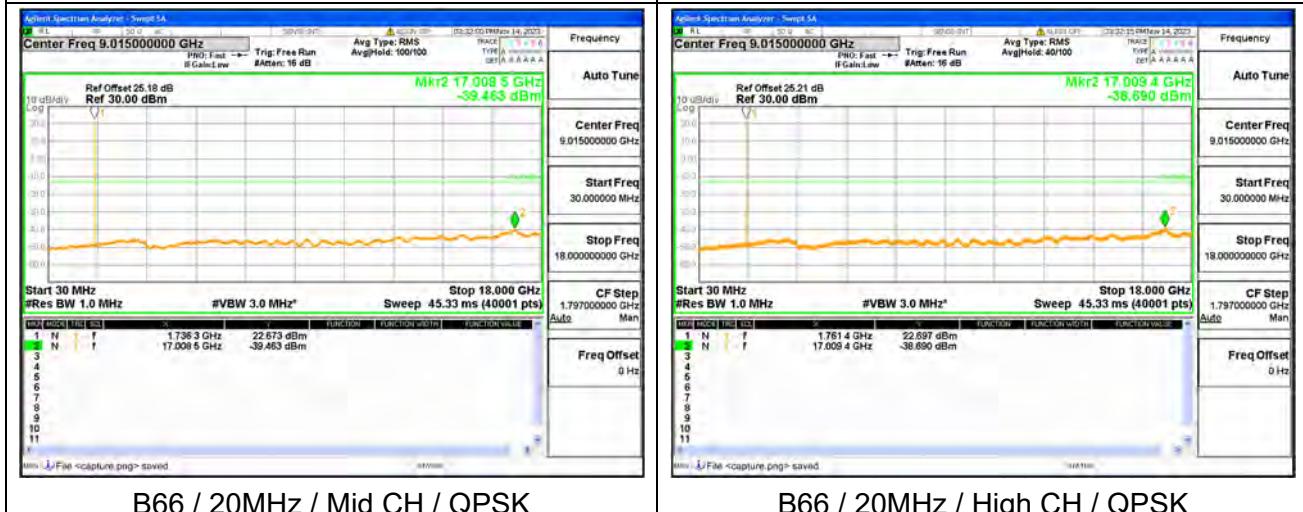
REPORT No.: SZ23100334W04



B66 / 15MHz / Low CH / QPSK



B66 / 15MHz / Mid CH / QPSK



MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



2.6. Band Edge

2.6.1. Requirement

Band 2, 25

According to FCC section 24.238(a), for operations in the 1850–1910MHz bands, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB in a 1MHz bandwidth. However, in the 1 MHz 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.

Band 4, 66

According to FCC section 27.53(h), for operations in the 1710–1755MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB a 1MHz bandwidth. However, in the 1 MHz 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.

Band 5, 26

According to FCC section 22.917(a), for operations in the 824–849MHz bands, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB in a 100kHz bandwidth. However, in the 1 MHz 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.

Band 7,38,41

According to FCC section 27.53(m) (4), 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.



Band 12, 17, 71

According to FCC section 27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. 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.

Band 13

According to FCC section 27.53(c)(2), 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 in a 100kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed.

Band 30

According to FCC section 27.53(a) (4), for mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

- (i) By a factor of not less than: $43 + 10 \log (P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log (P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log (P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than $67 + 10 \log (P)$ dB on all frequencies between 2328 and 2337 MHz;
- (ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 and 2292 MHz, and $70 + 10 \log (P)$ dB below 2288 MHz;
- (iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.

Band 42

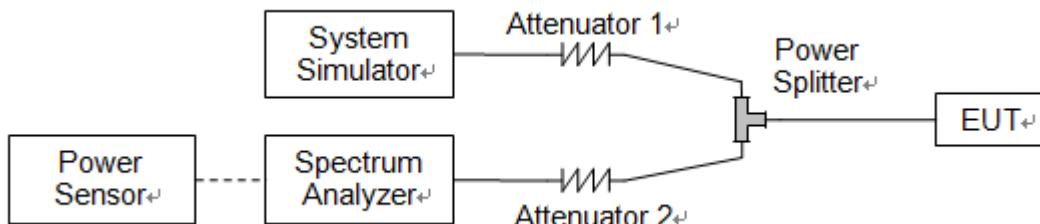
According to FCC section 27.53(n) (2), For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution 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, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. 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.

Band 43

According to FCC section 27.53(l)(2), for mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz, 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, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. 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.

2.6.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

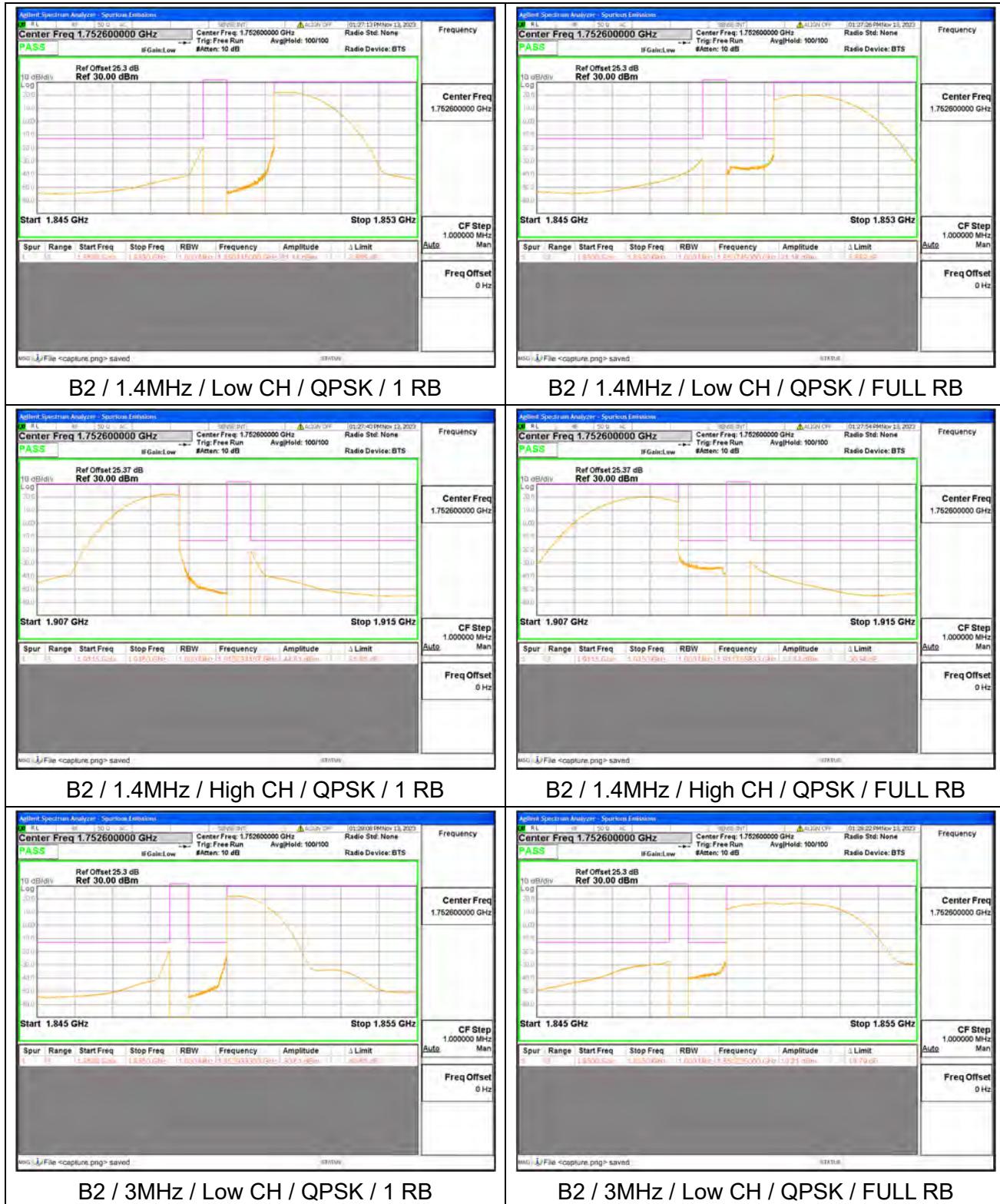
2.6.3. Test Procedure

KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.



REPORT No.: SZ23100334W04

2.6.4. Test Result



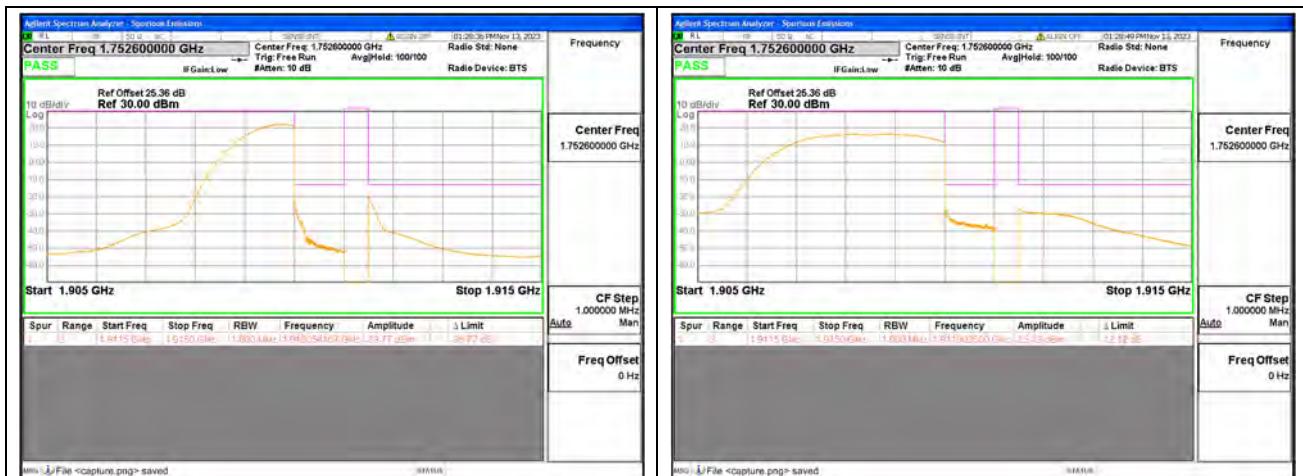
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698555
Http://www.morlab.cn E-mail: service@morlab.cn



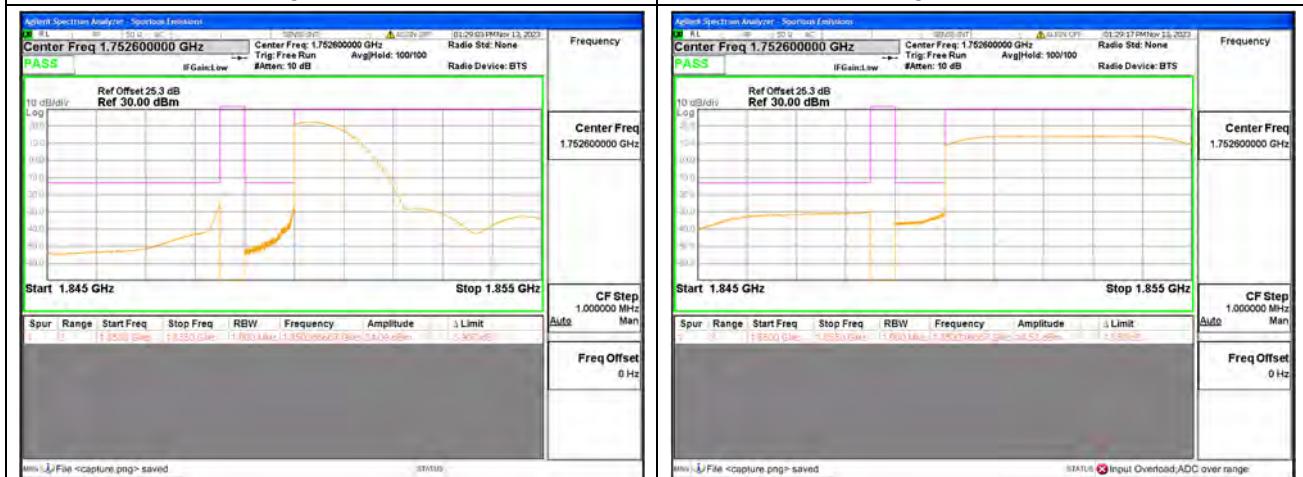
REPORT No.: SZ23100334W04



B2 / 3MHz / High CH / QPSK / 1 RB



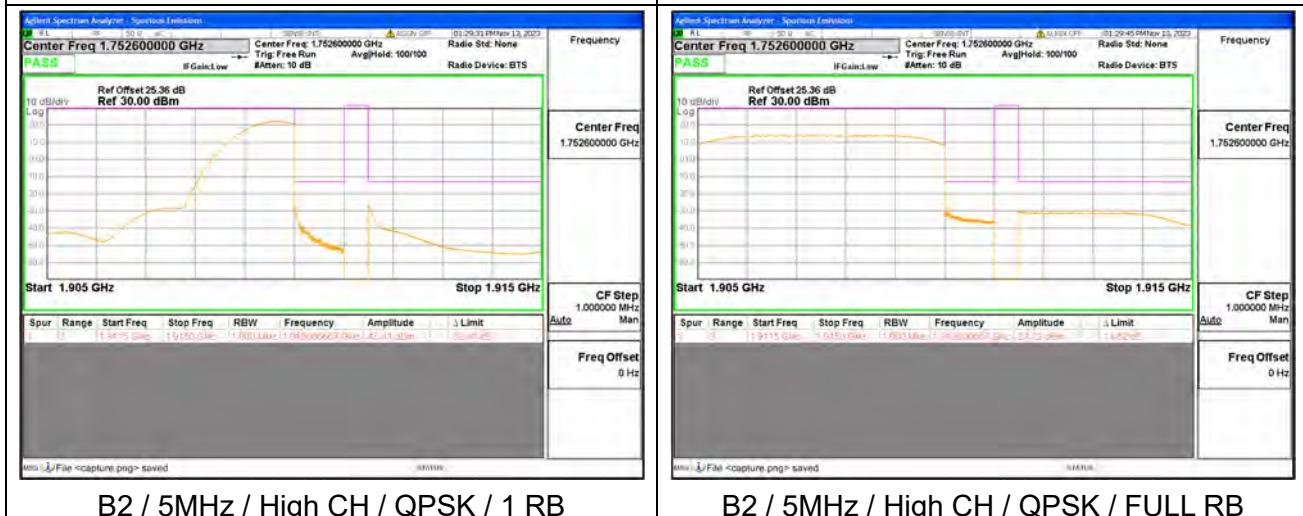
B2 / 3MHz / High CH / QPSK / FULL RB



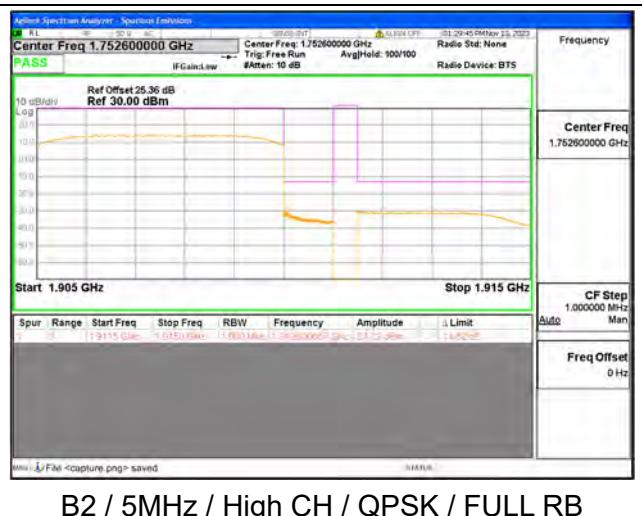
B2 / 5MHz / Low CH / QPSK / 1 RB



B2 / 5MHz / Low CH / QPSK / FULL RB



B2 / 5MHz / High CH / QPSK / 1 RB



B2 / 5MHz / High CH / QPSK / FULL RB

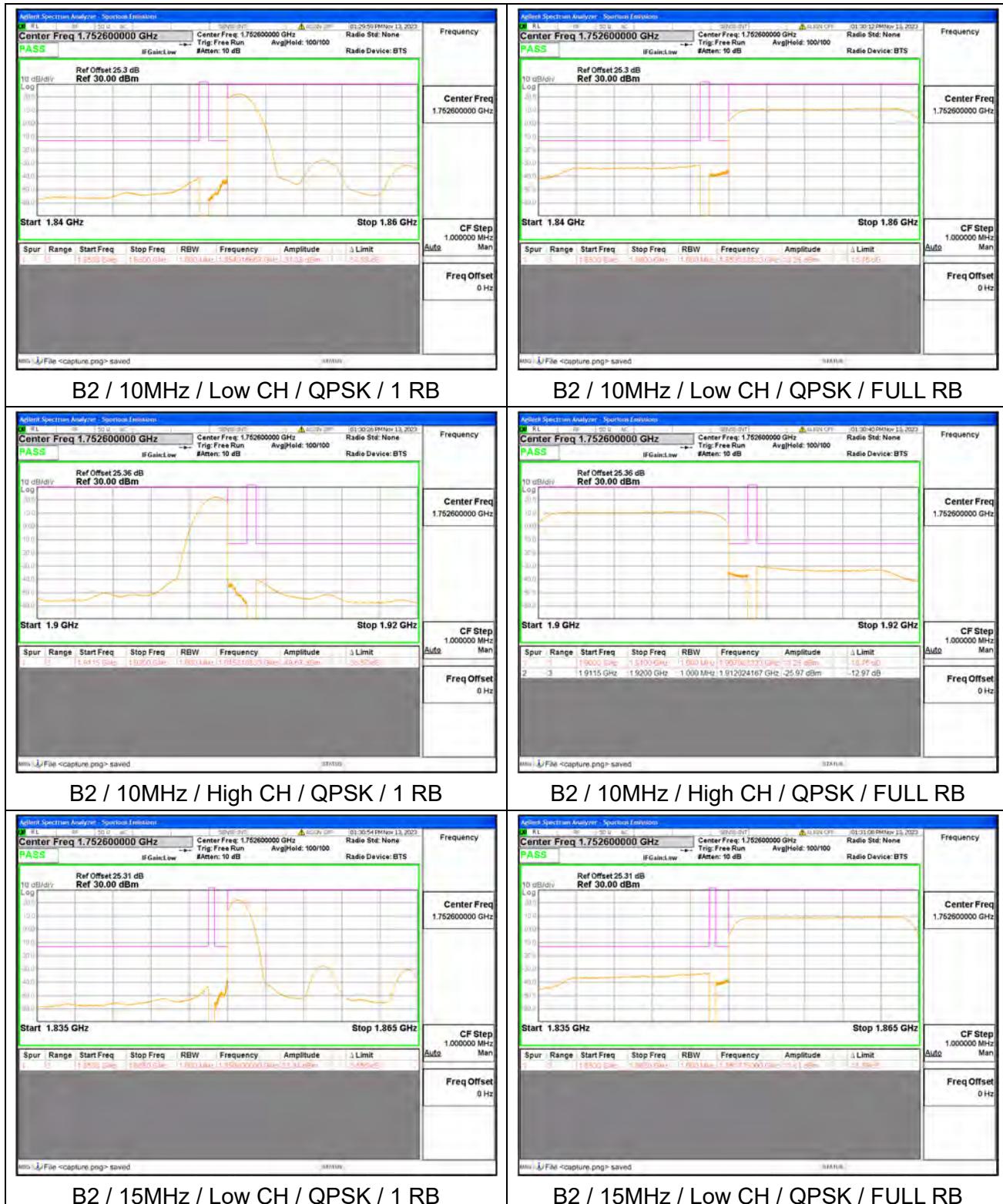
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



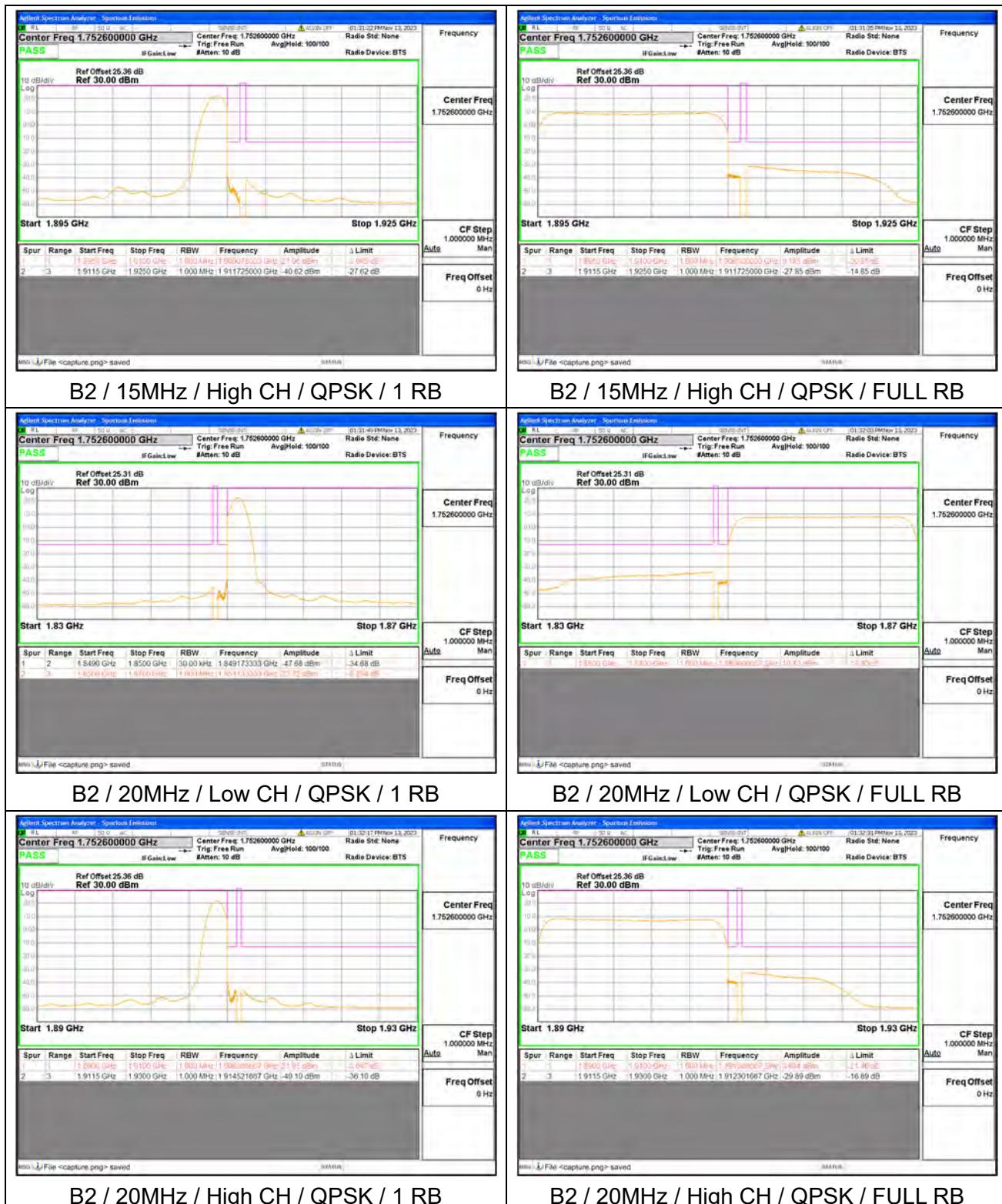
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



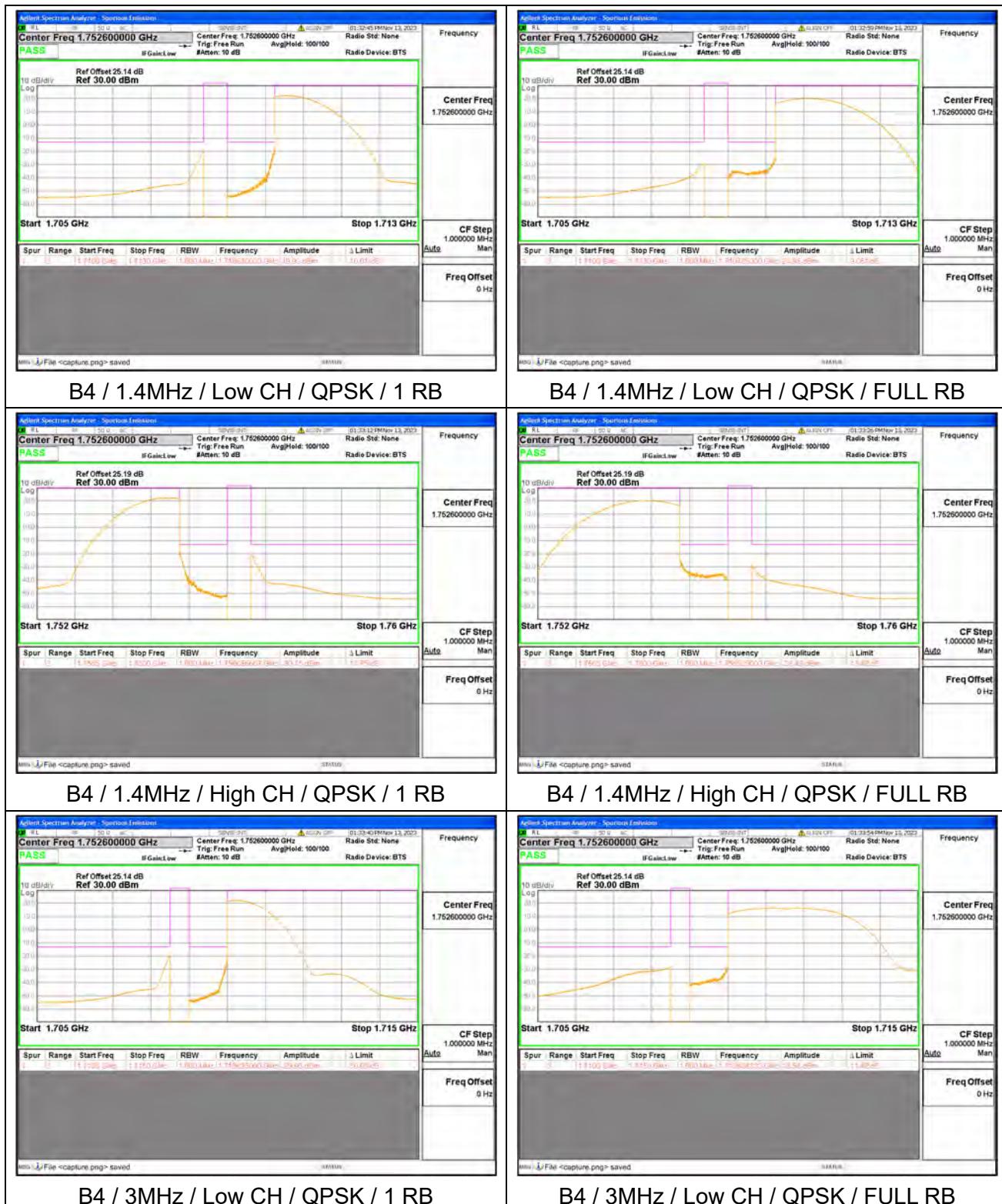
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



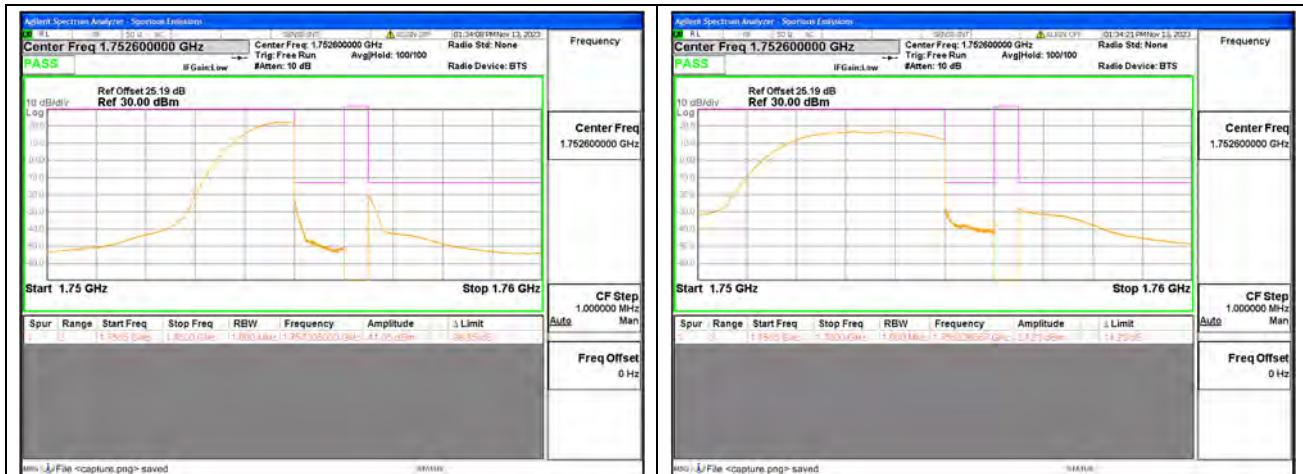
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

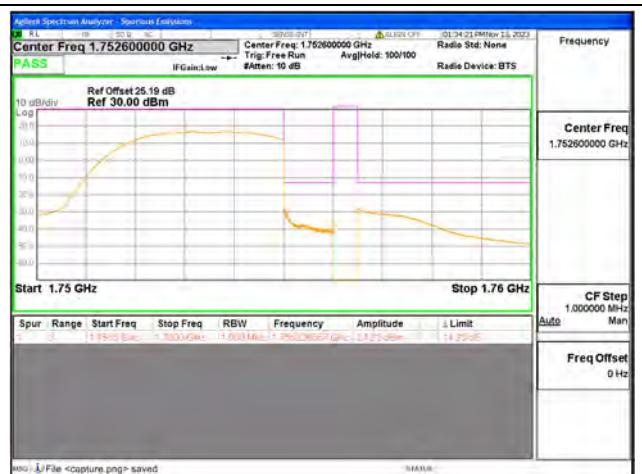
Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



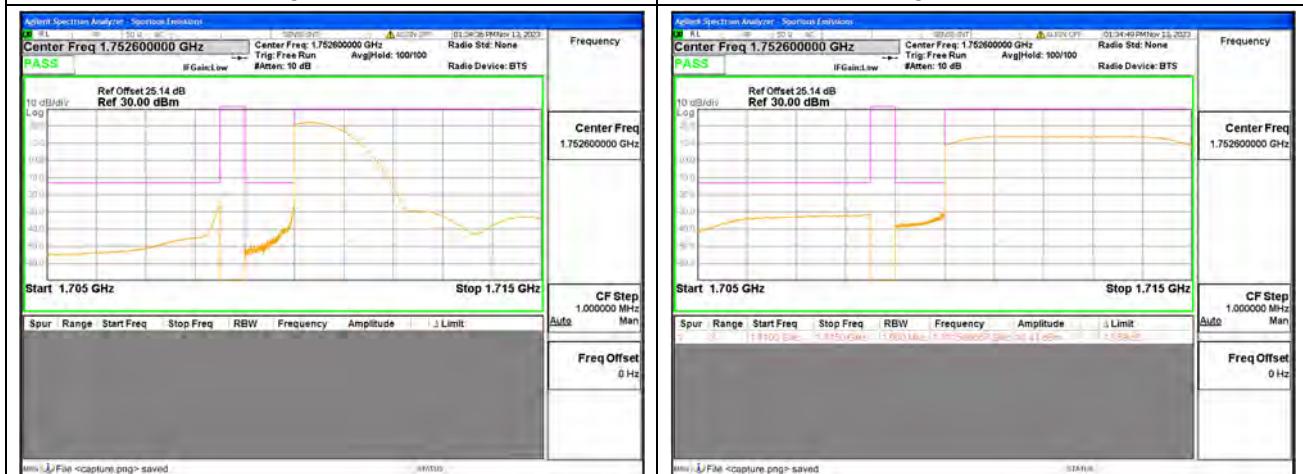
REPORT No.: SZ23100334W04



B4 / 3MHz / High CH / QPSK / 1 RB



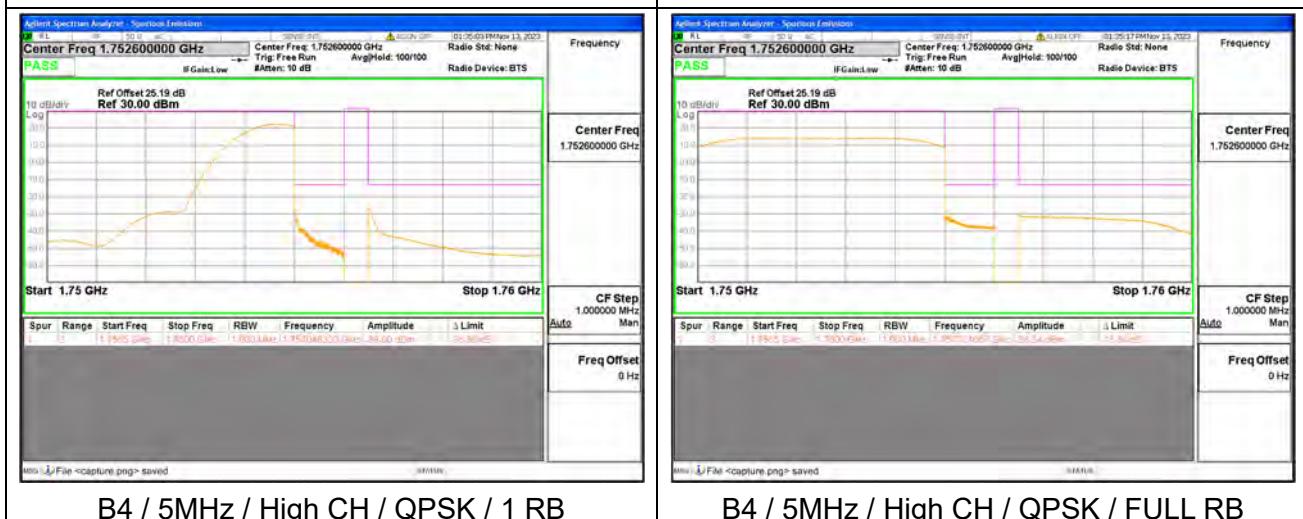
B4 / 3MHz / High CH / QPSK / FULL RB



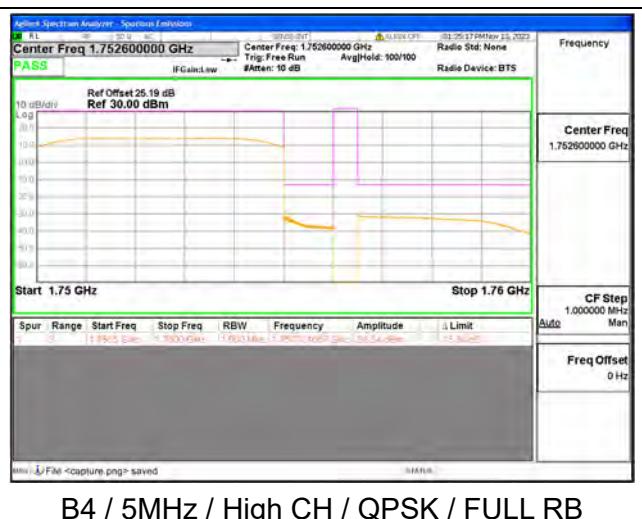
B4 / 5MHz / Low CH / QPSK / 1 RB



B4 / 5MHz / Low CH / QPSK / FULL RB



B4 / 5MHz / High CH / QPSK / 1 RB



B4 / 5MHz / High CH / QPSK / FULL RB

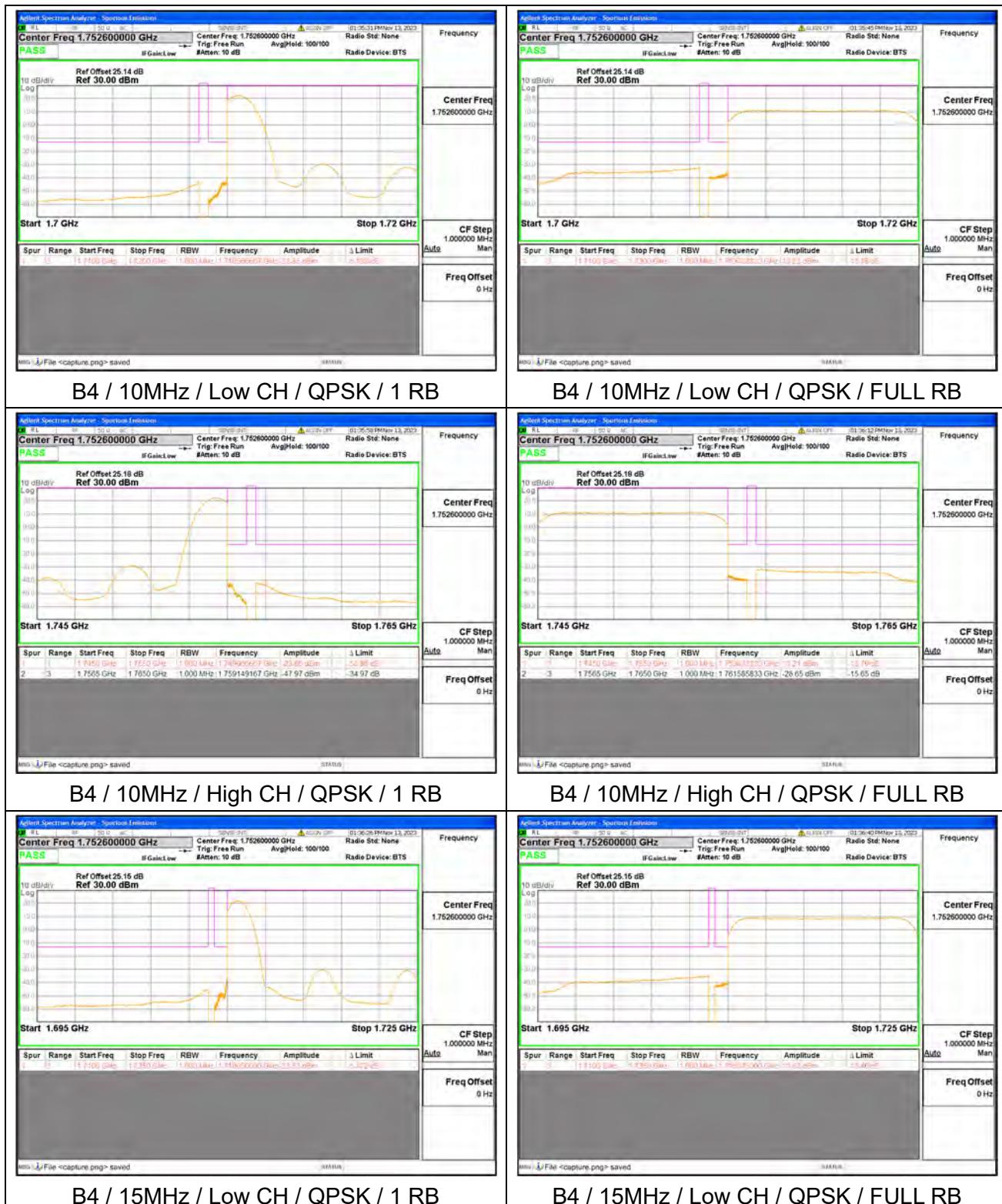
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



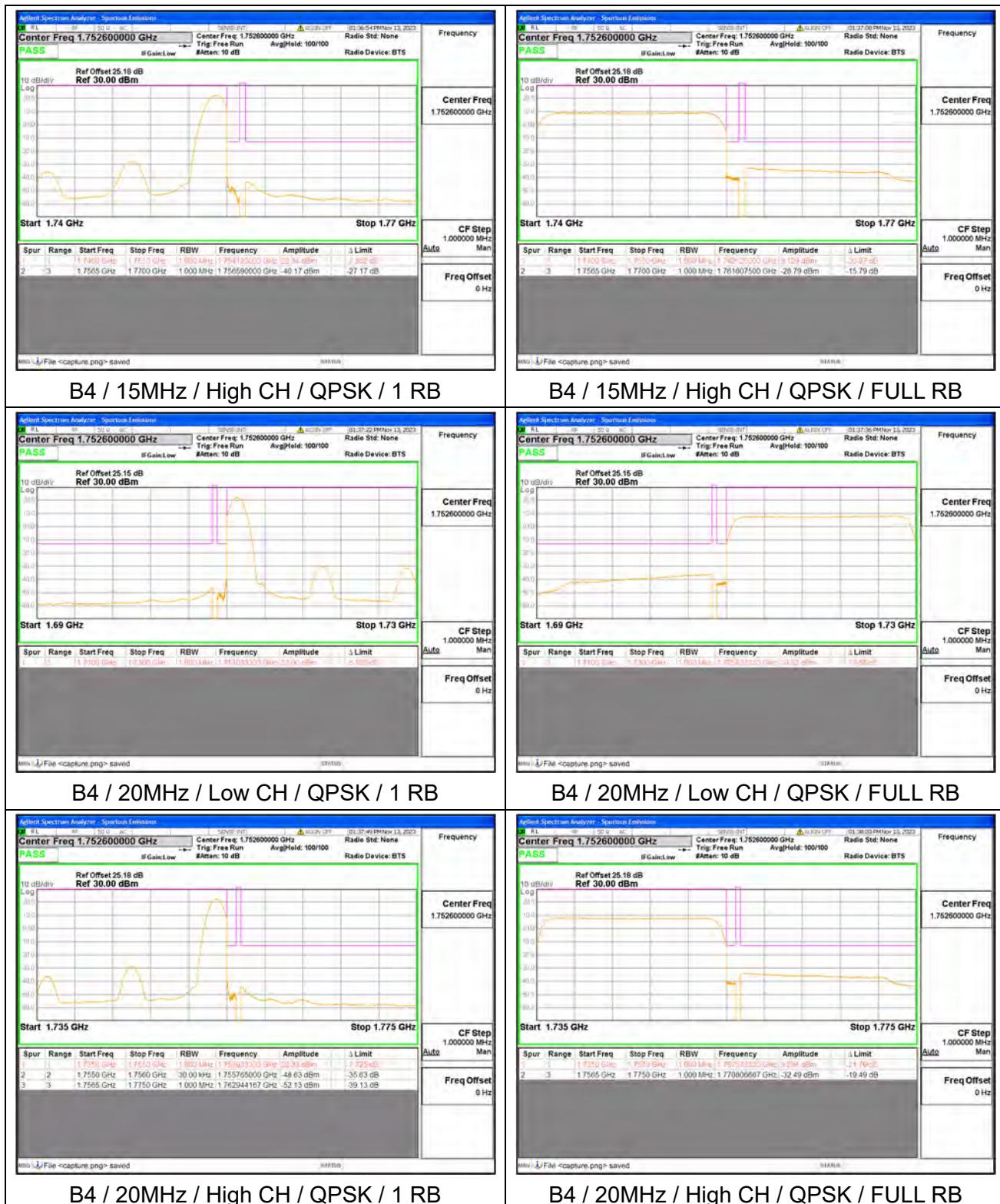
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



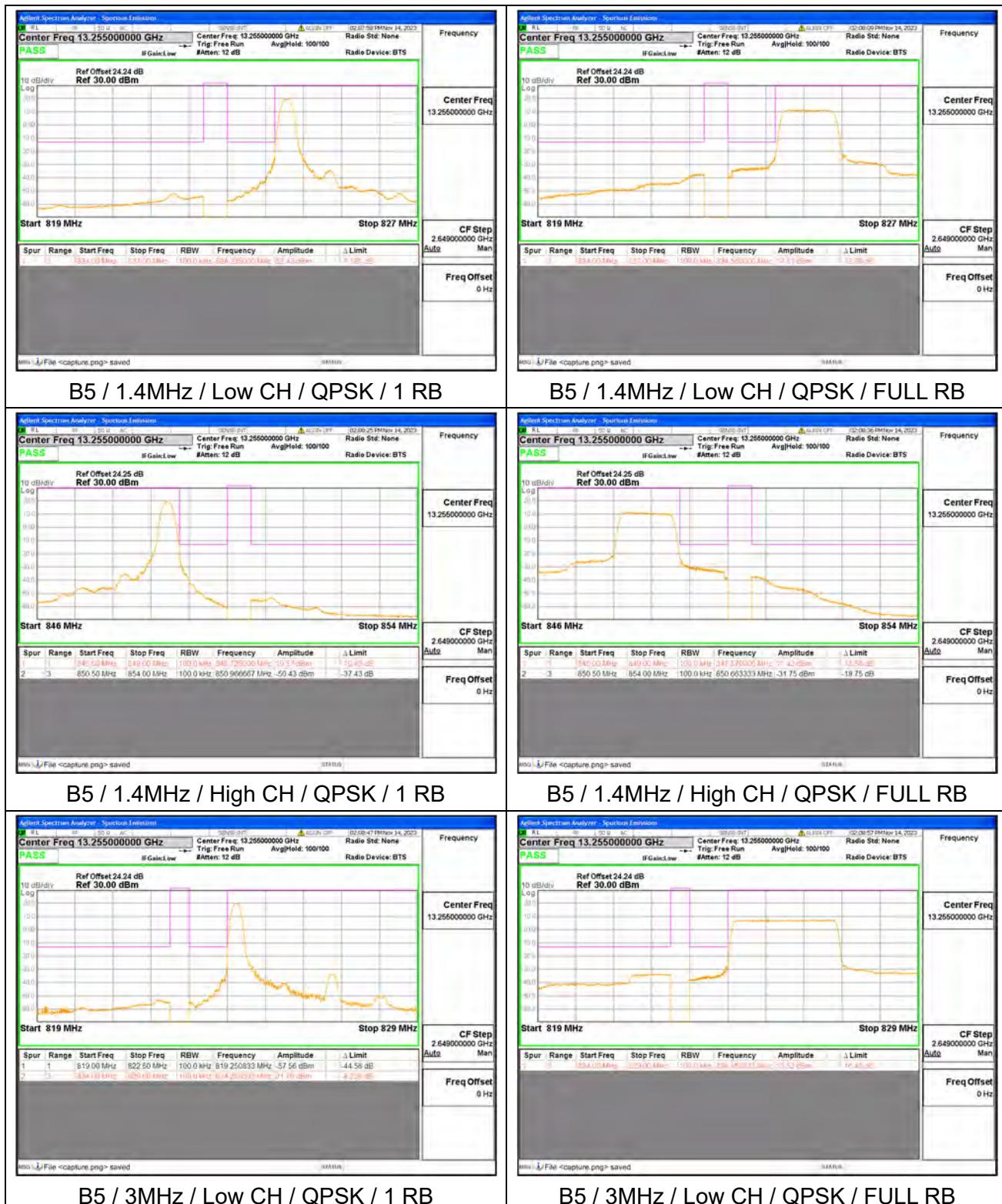
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



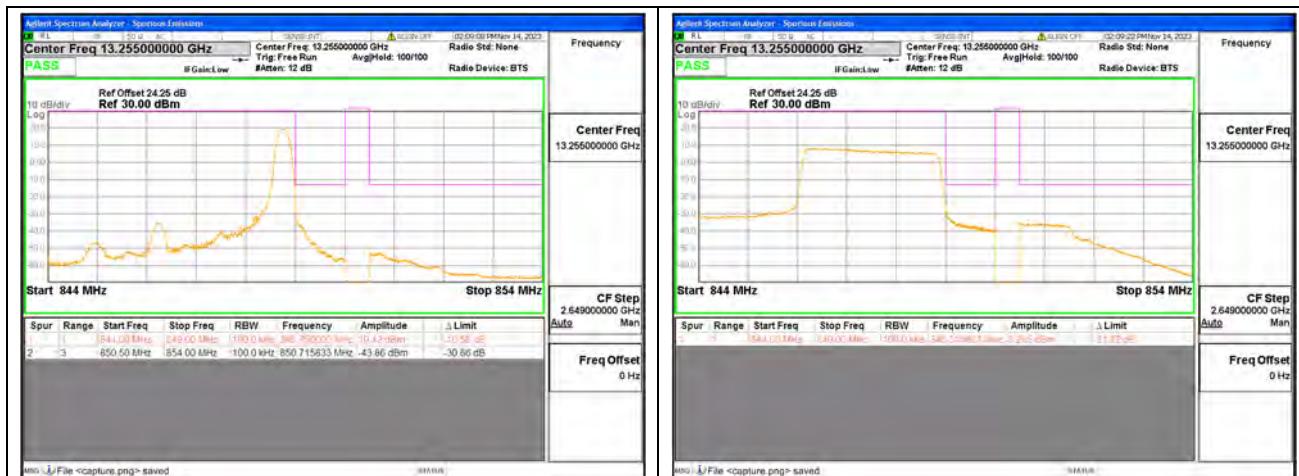
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

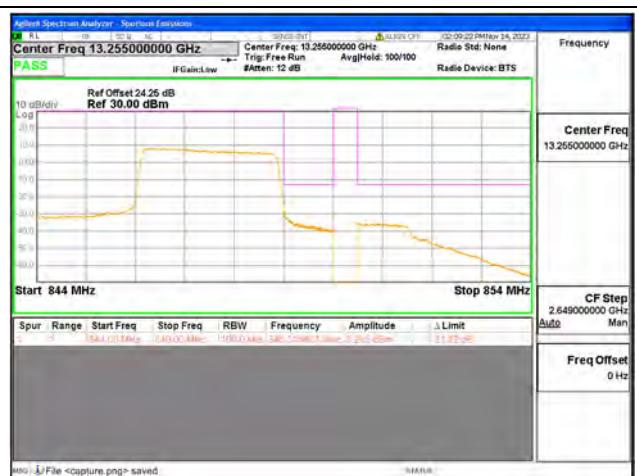
Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



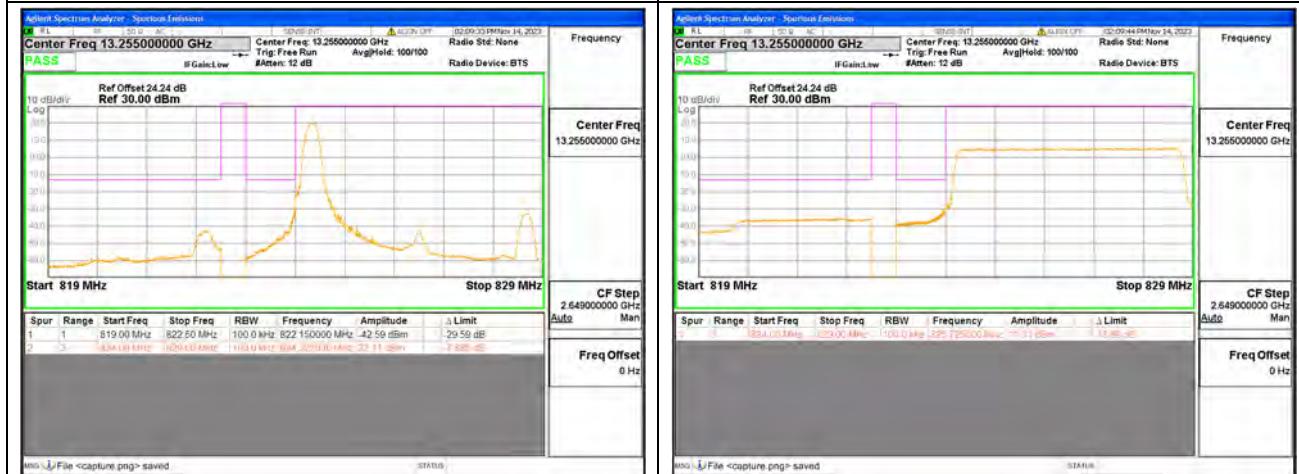
REPORT No.: SZ23100334W04



B5 / 3MHz / High CH / QPSK / 1 RB



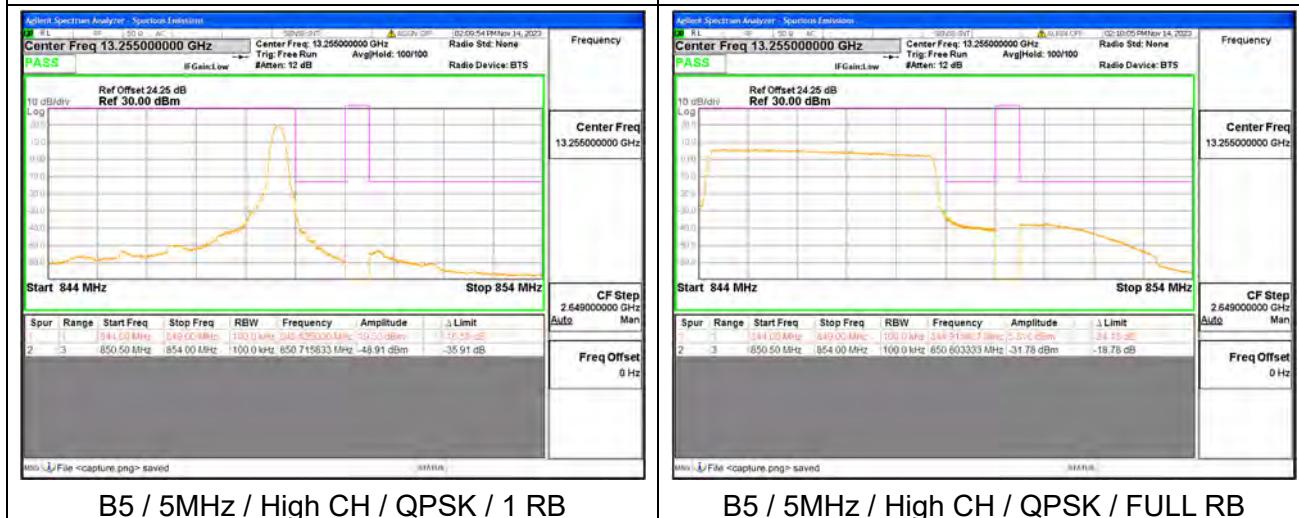
B5 / 3MHz / High CH / QPSK / FULL RB



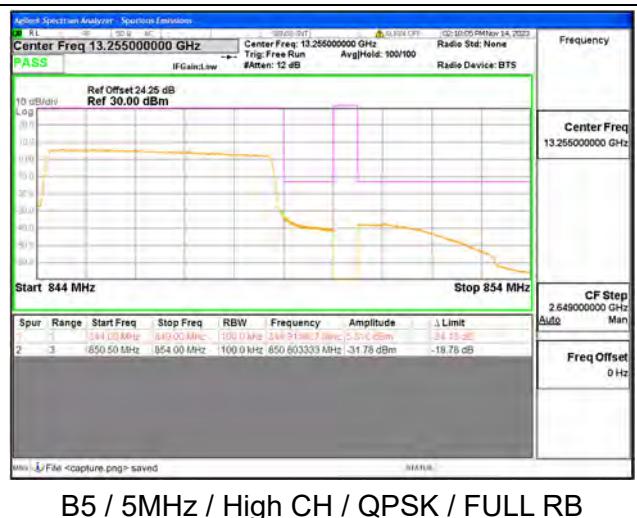
B5 / 5MHz / Low CH / QPSK / 1 RB



B5 / 5MHz / Low CH / QPSK / FULL RB



B5 / 5MHz / High CH / QPSK / 1 RB



B5 / 5MHz / High CH / QPSK / FULL RB

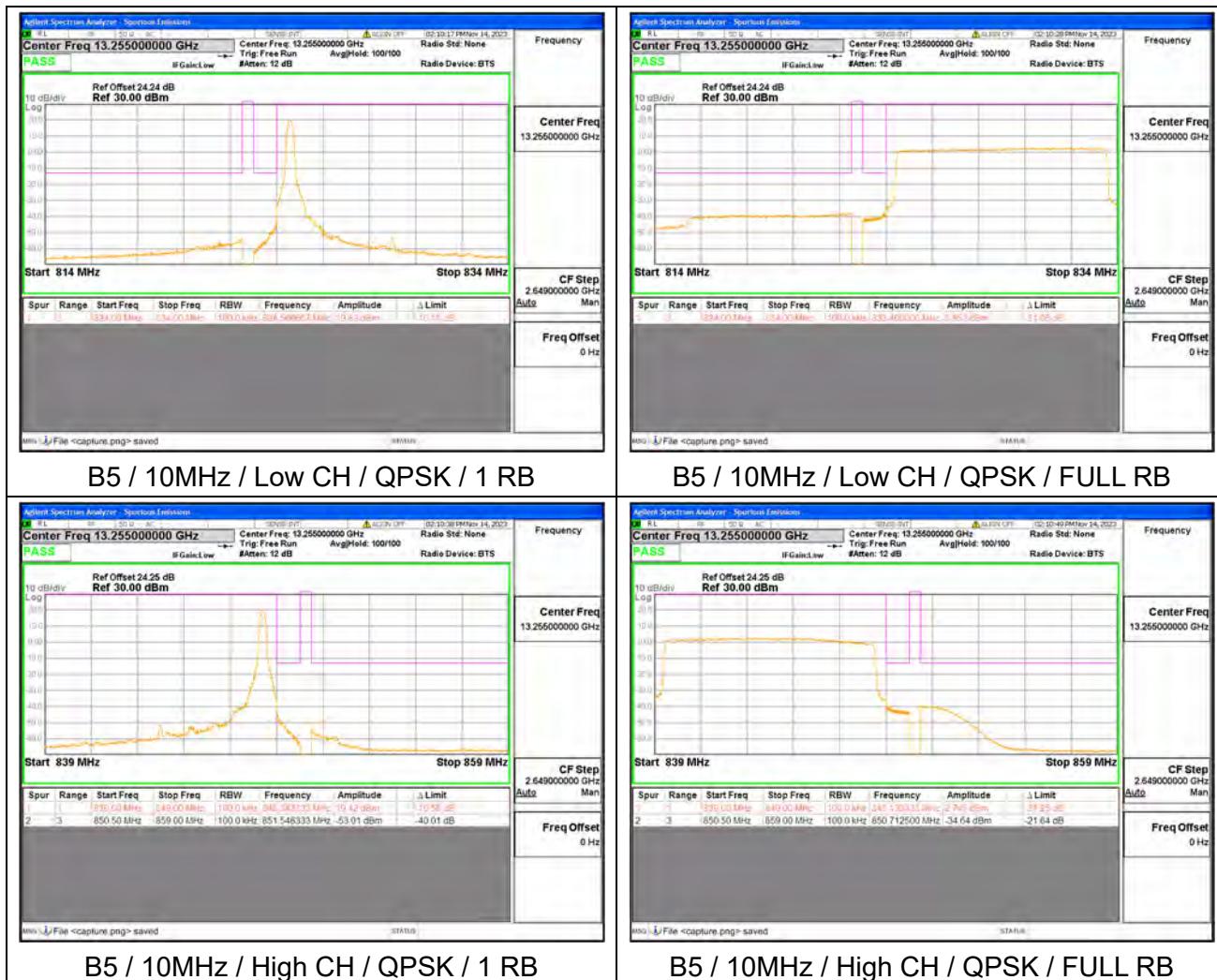
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



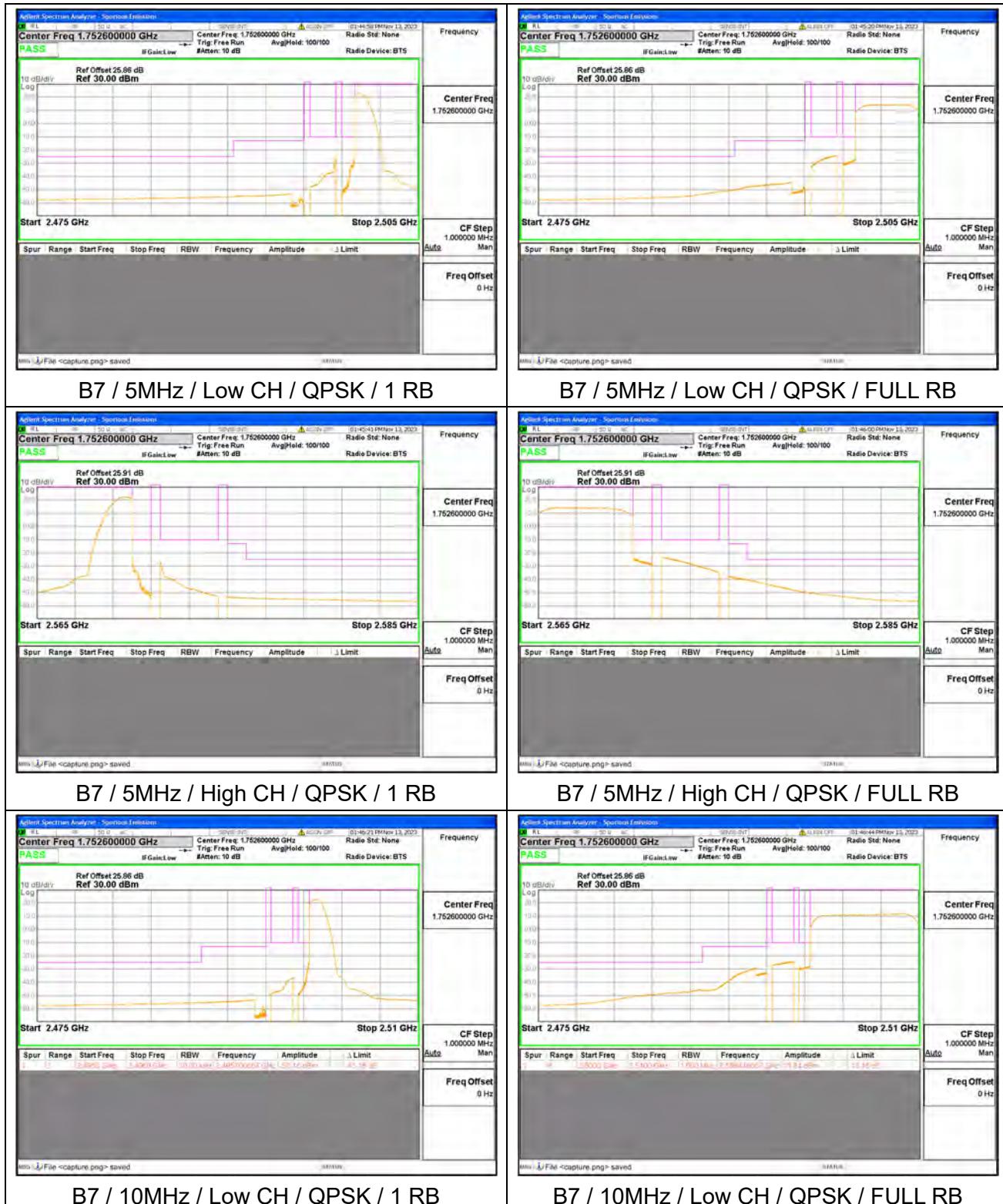
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



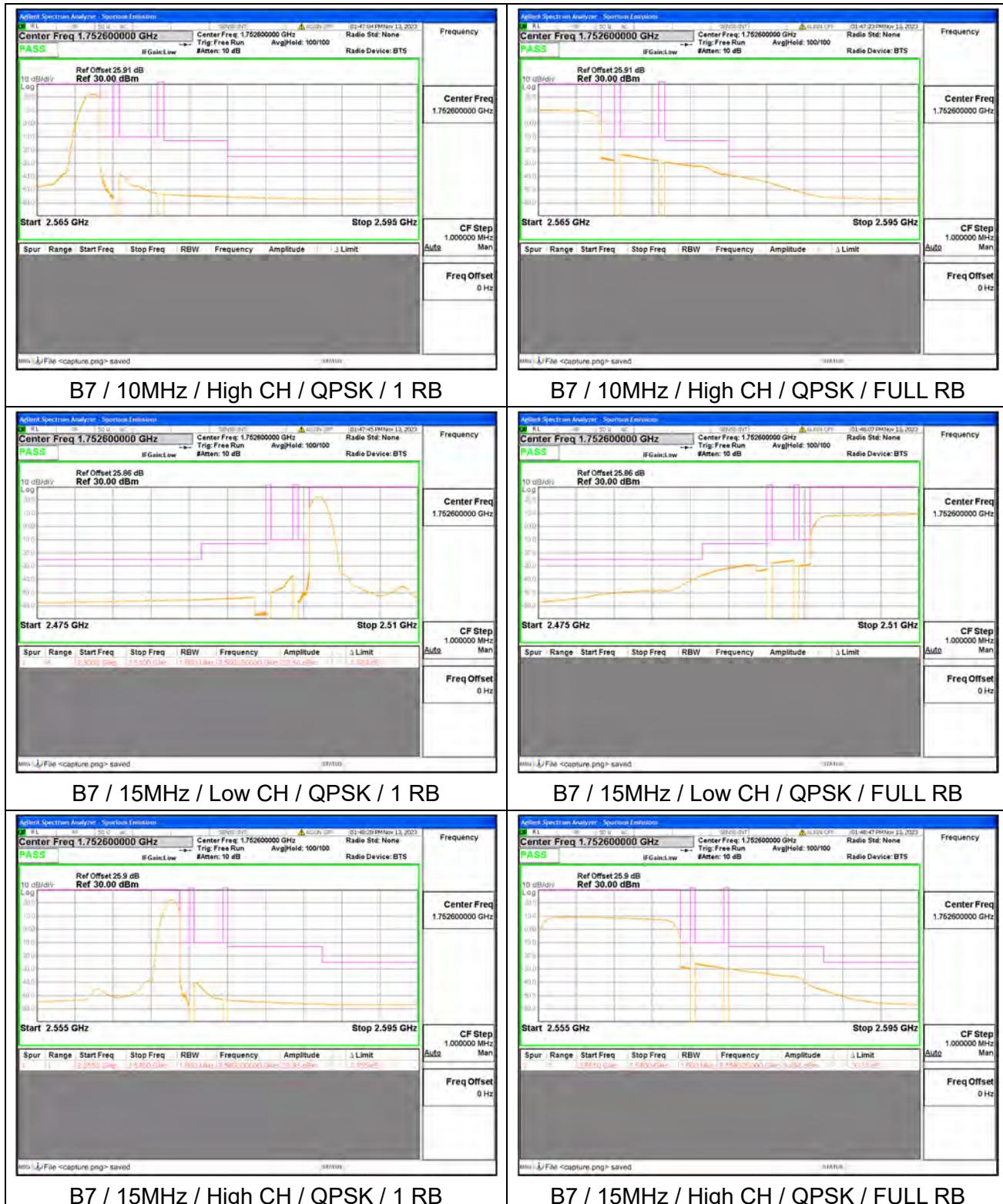
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



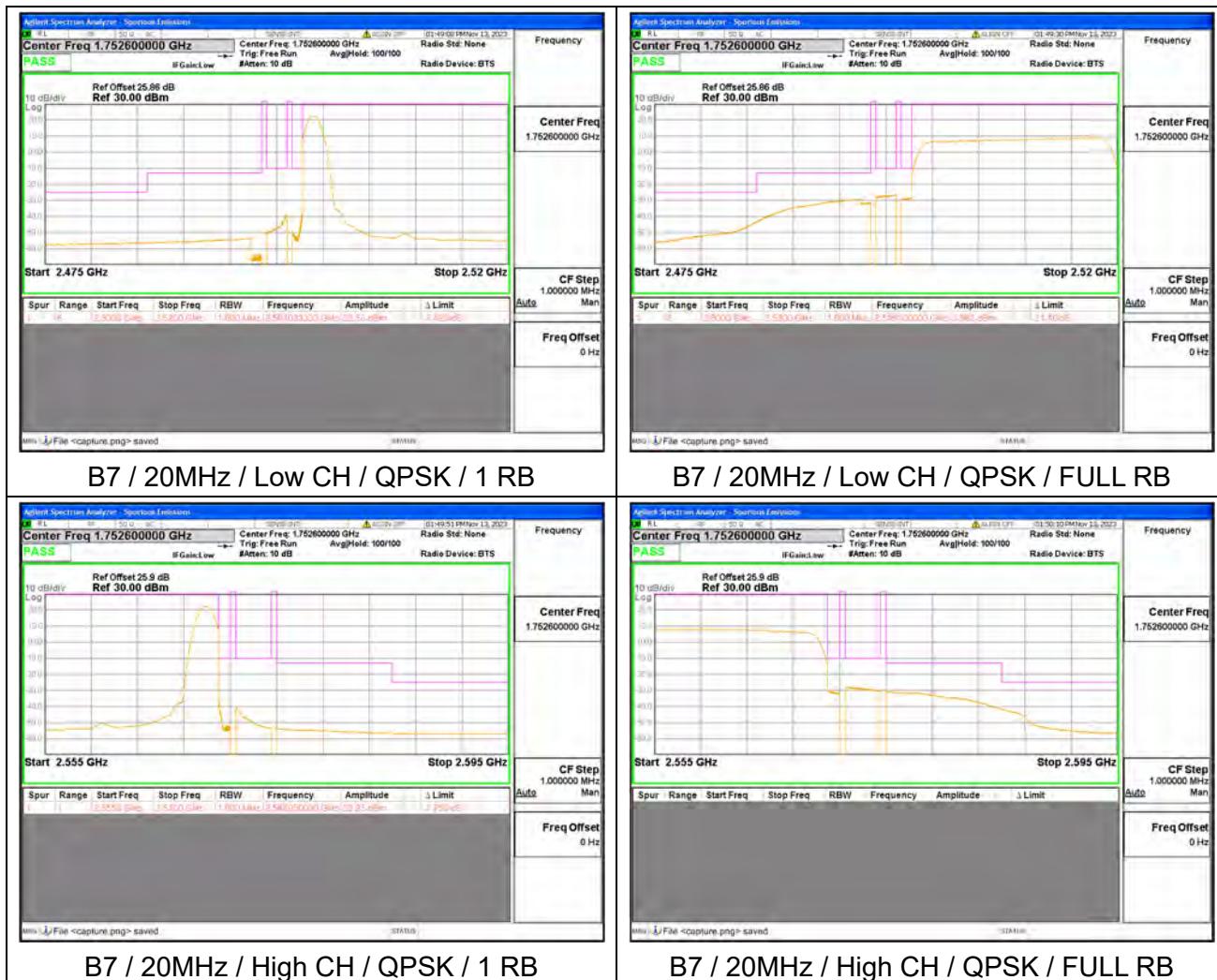
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
[Http://www.morlab.cn](http://www.morlab.cn) E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



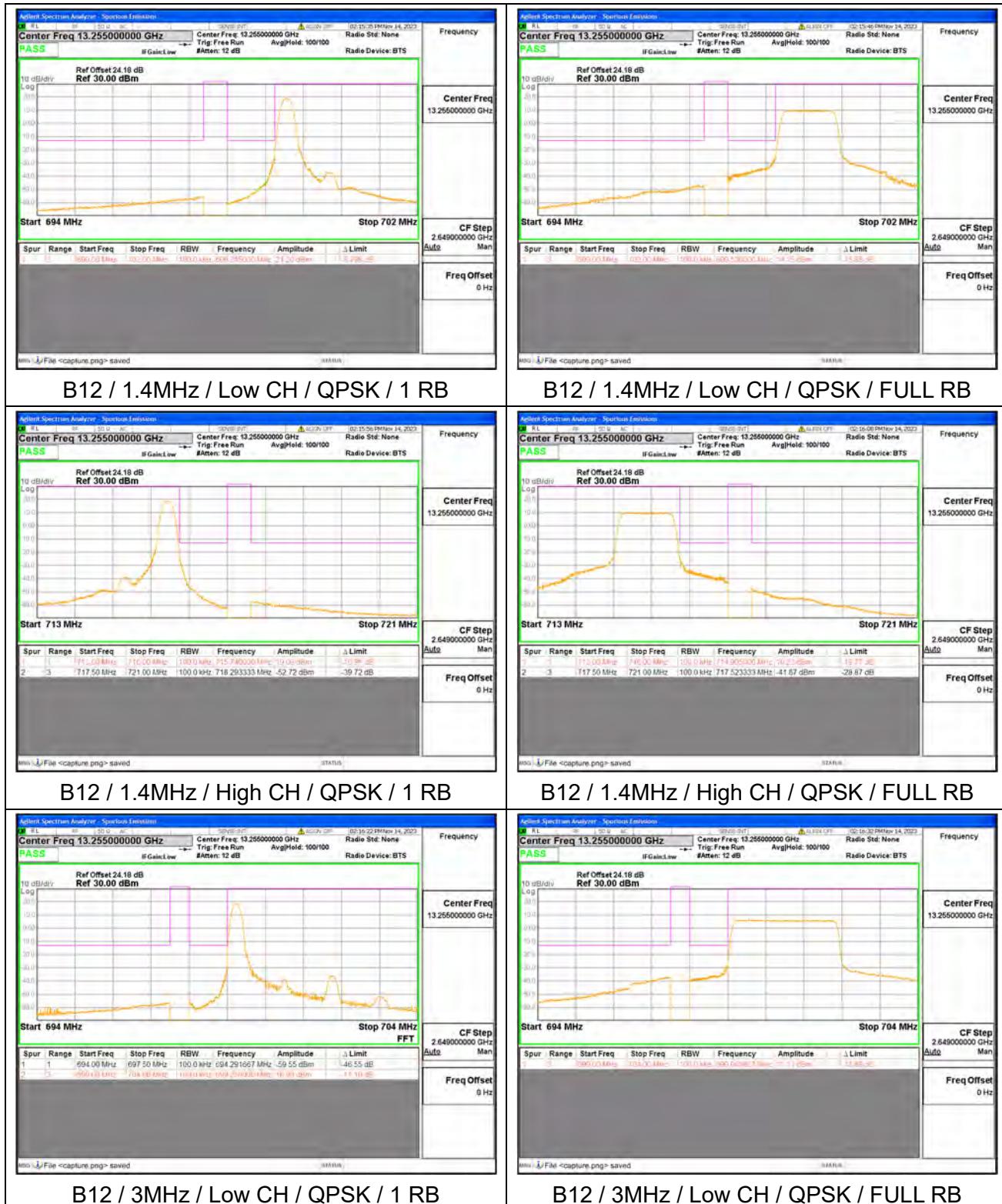
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



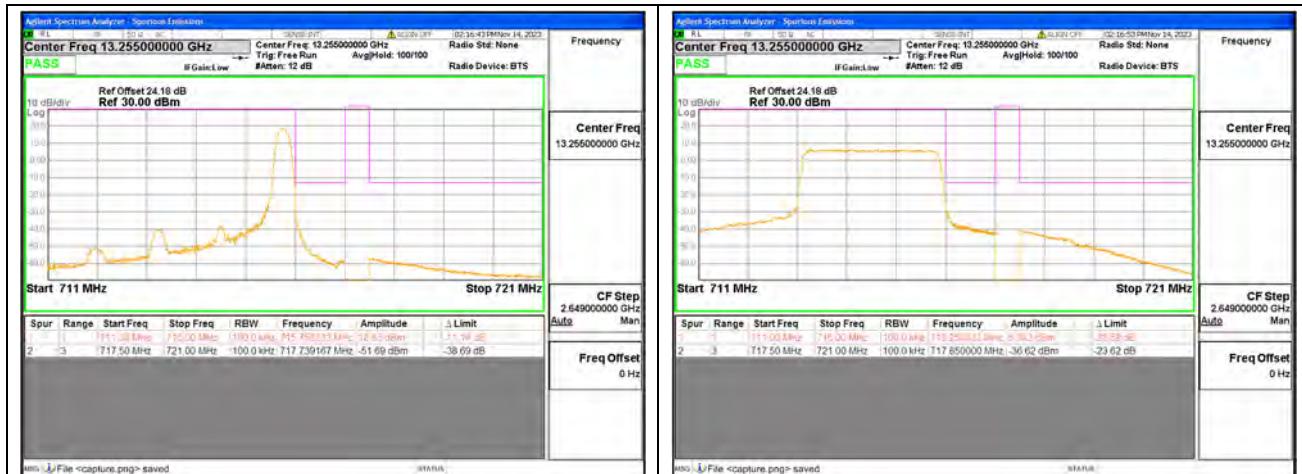
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

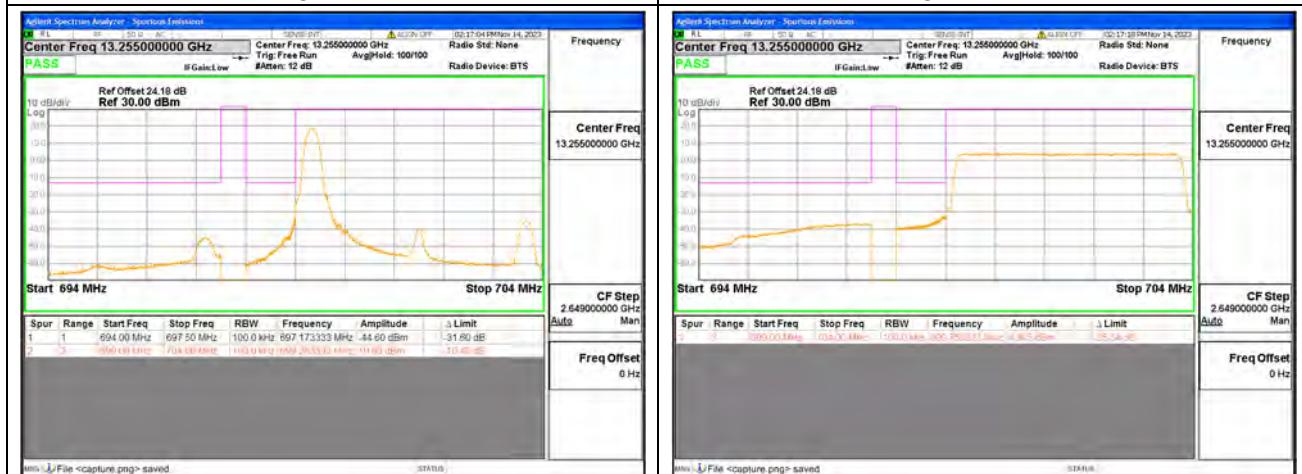
Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



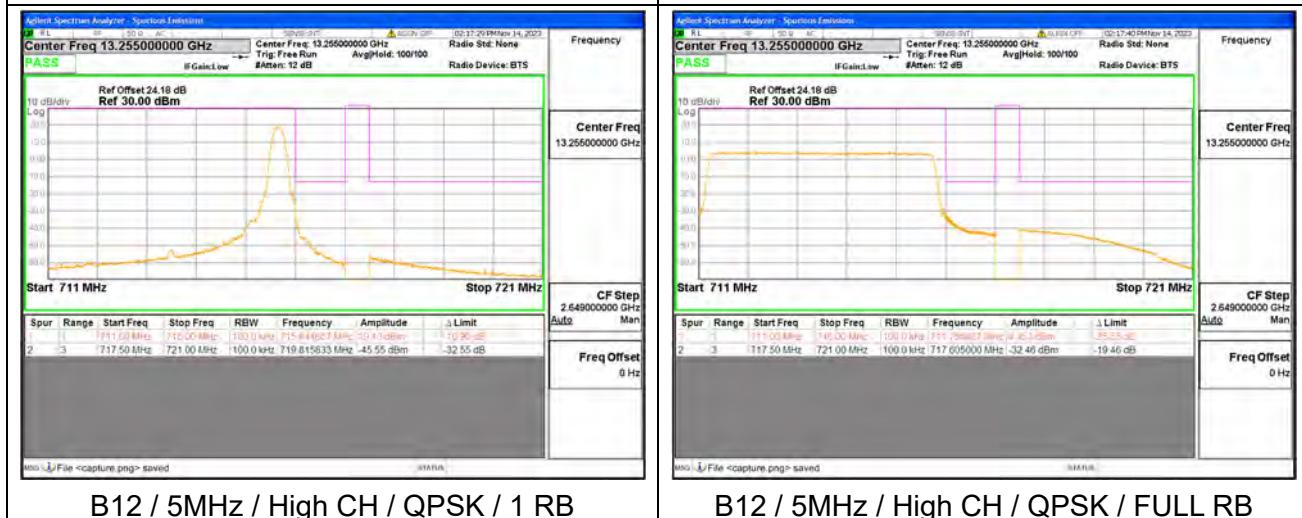
REPORT No.: SZ23100334W04



B12 / 3MHz / High CH / QPSK / 1 RB



B12 / 5MHz / Low CH / QPSK / 1 RB



B12 / 5MHz / High CH / QPSK / 1 RB

B12 / 5MHz / High CH / QPSK / FULL RB

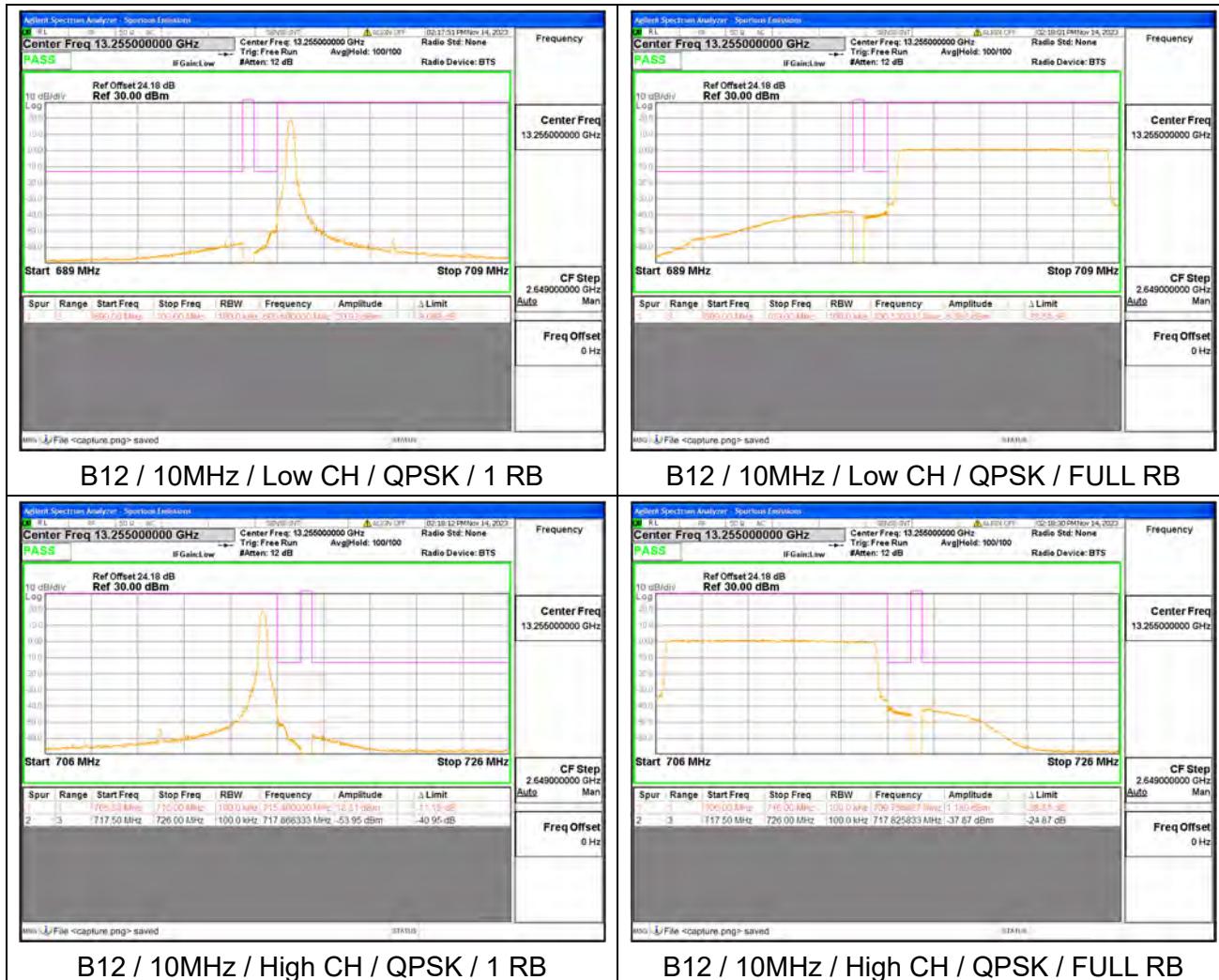
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL-1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



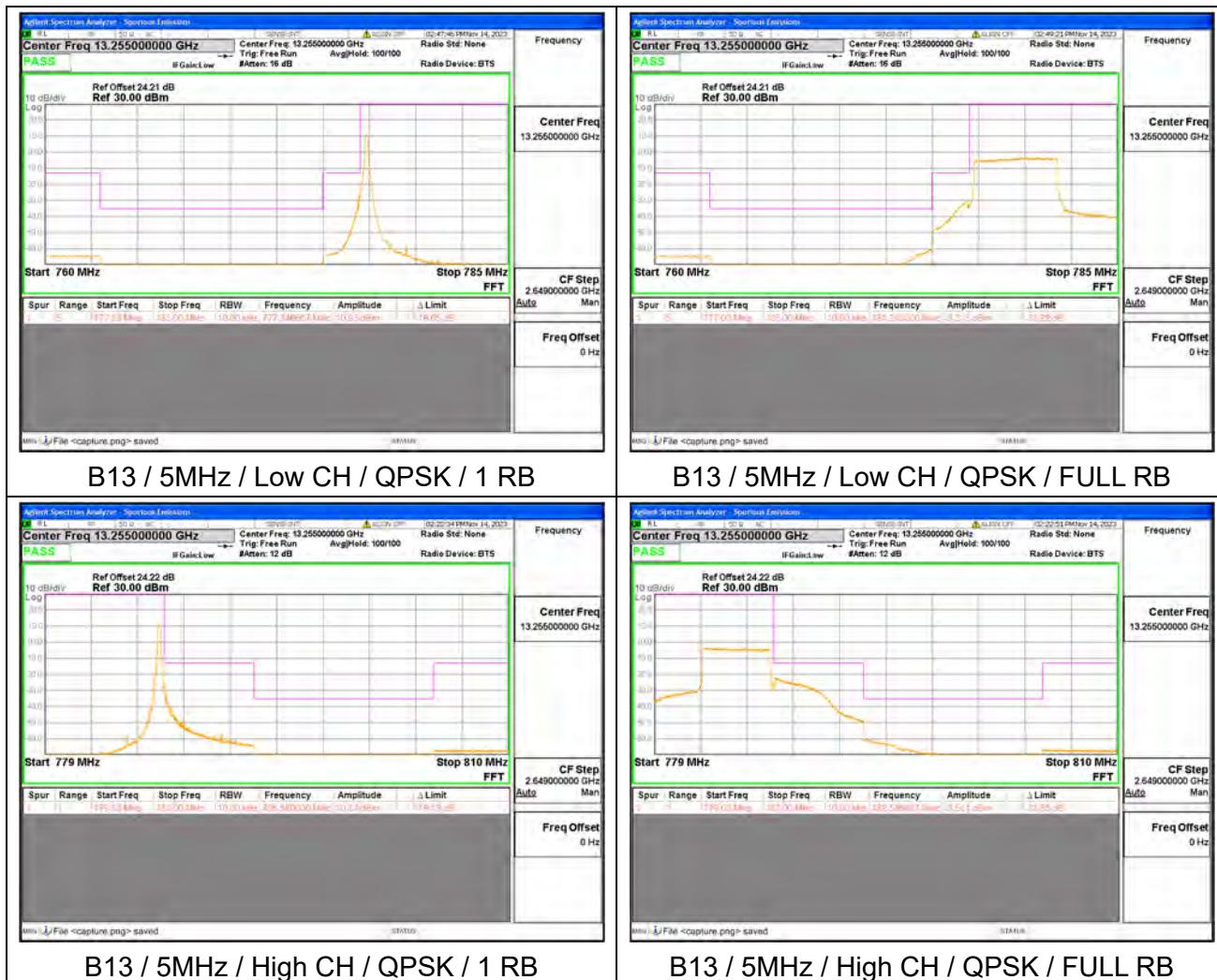
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



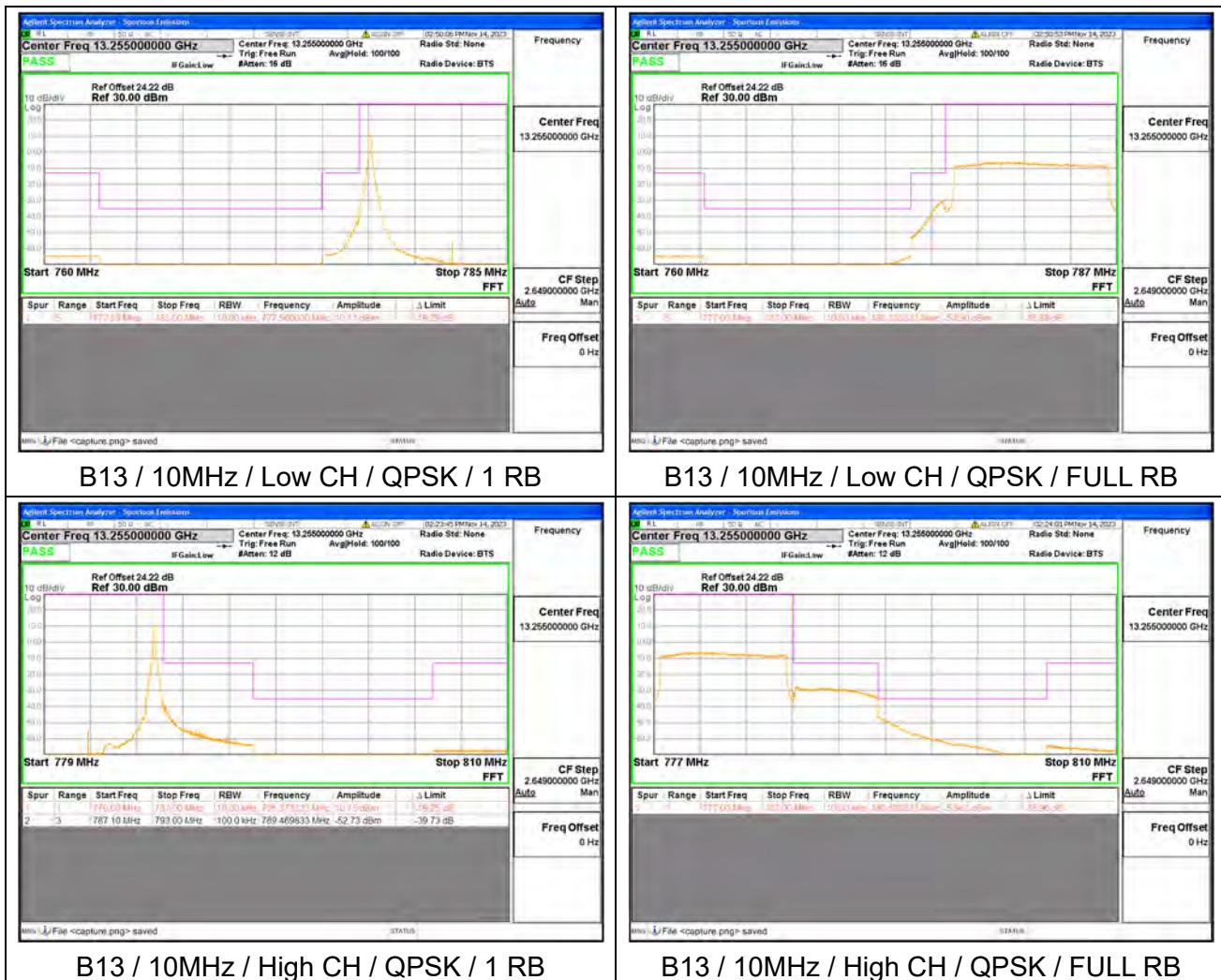
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



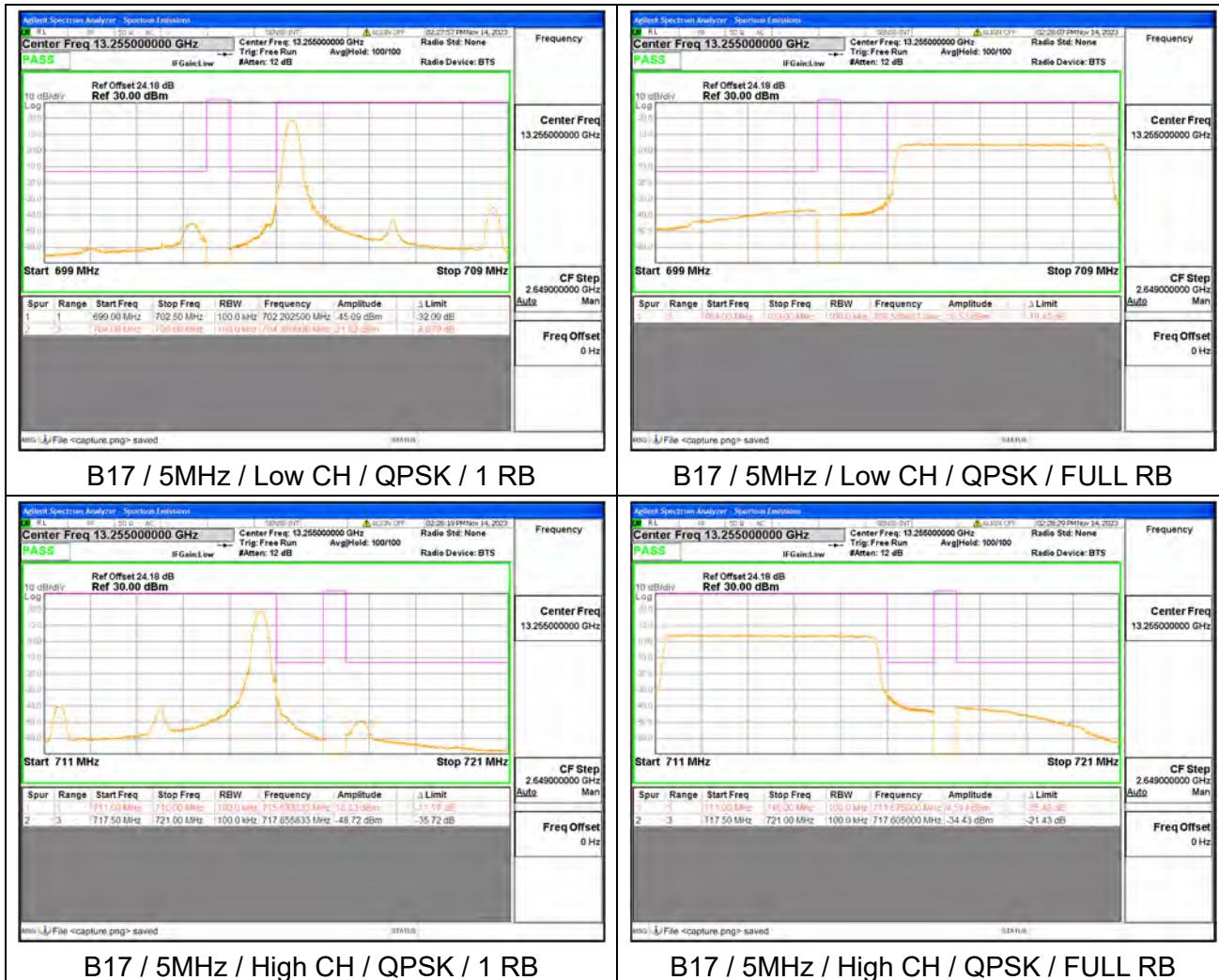
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



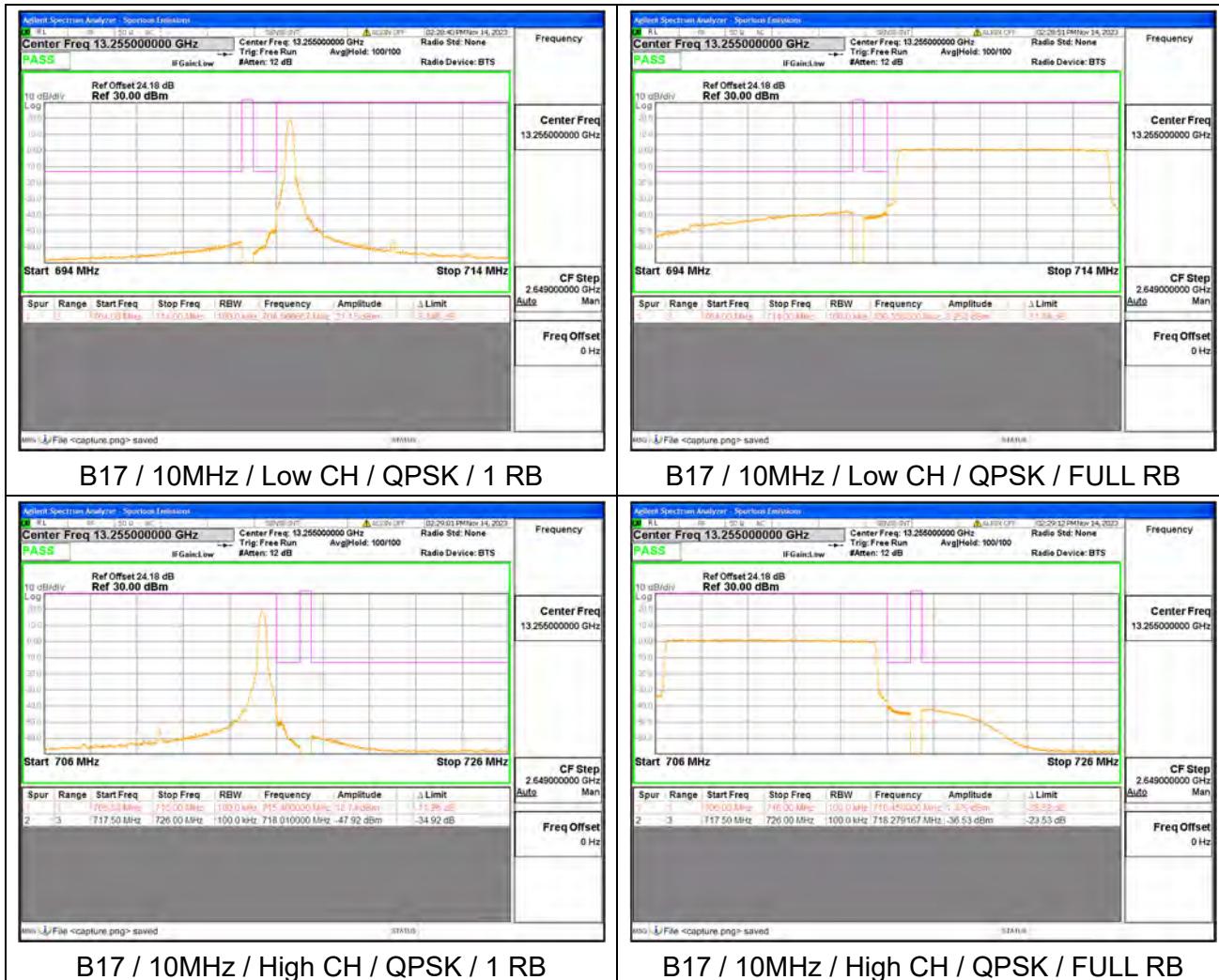
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



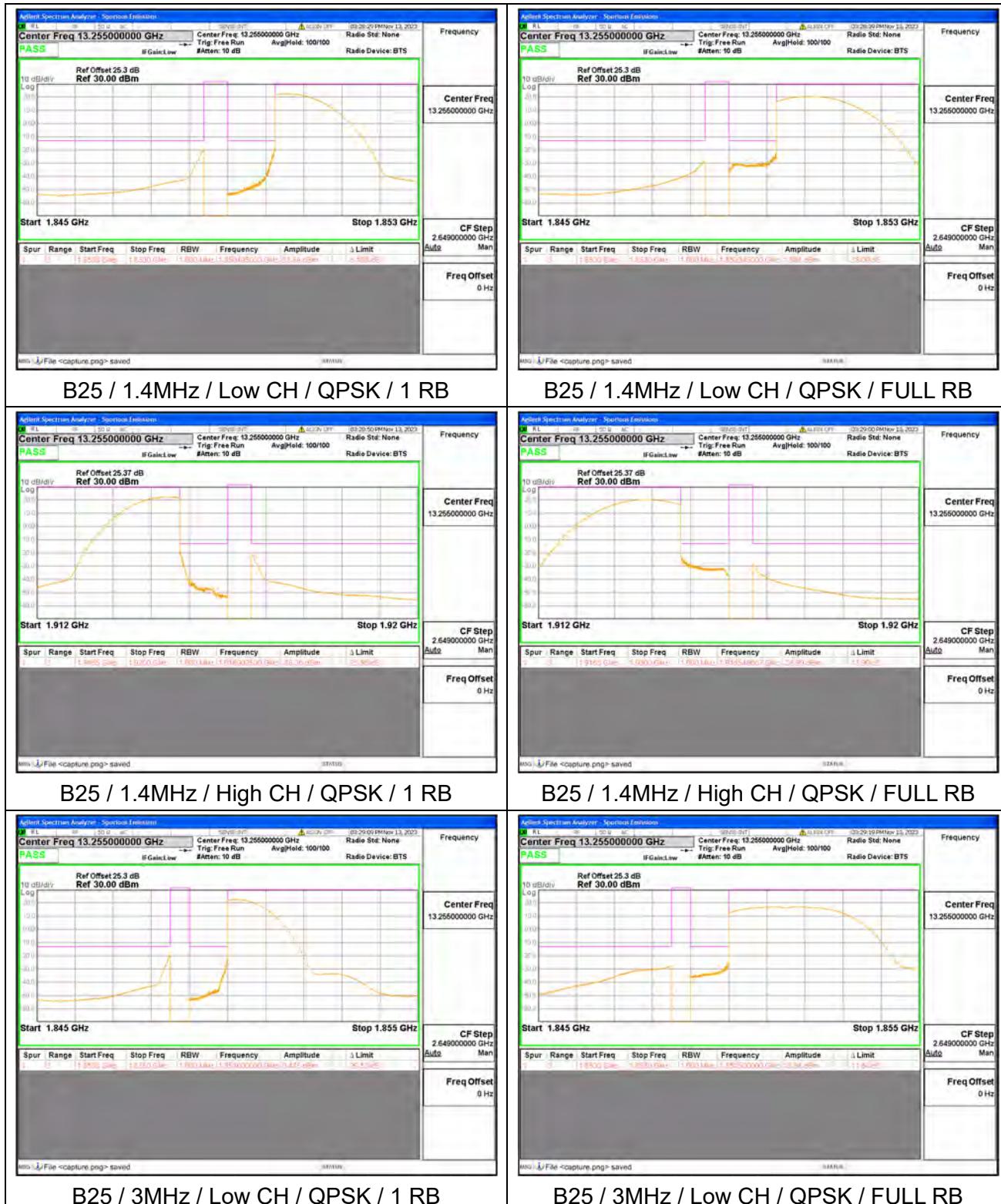
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



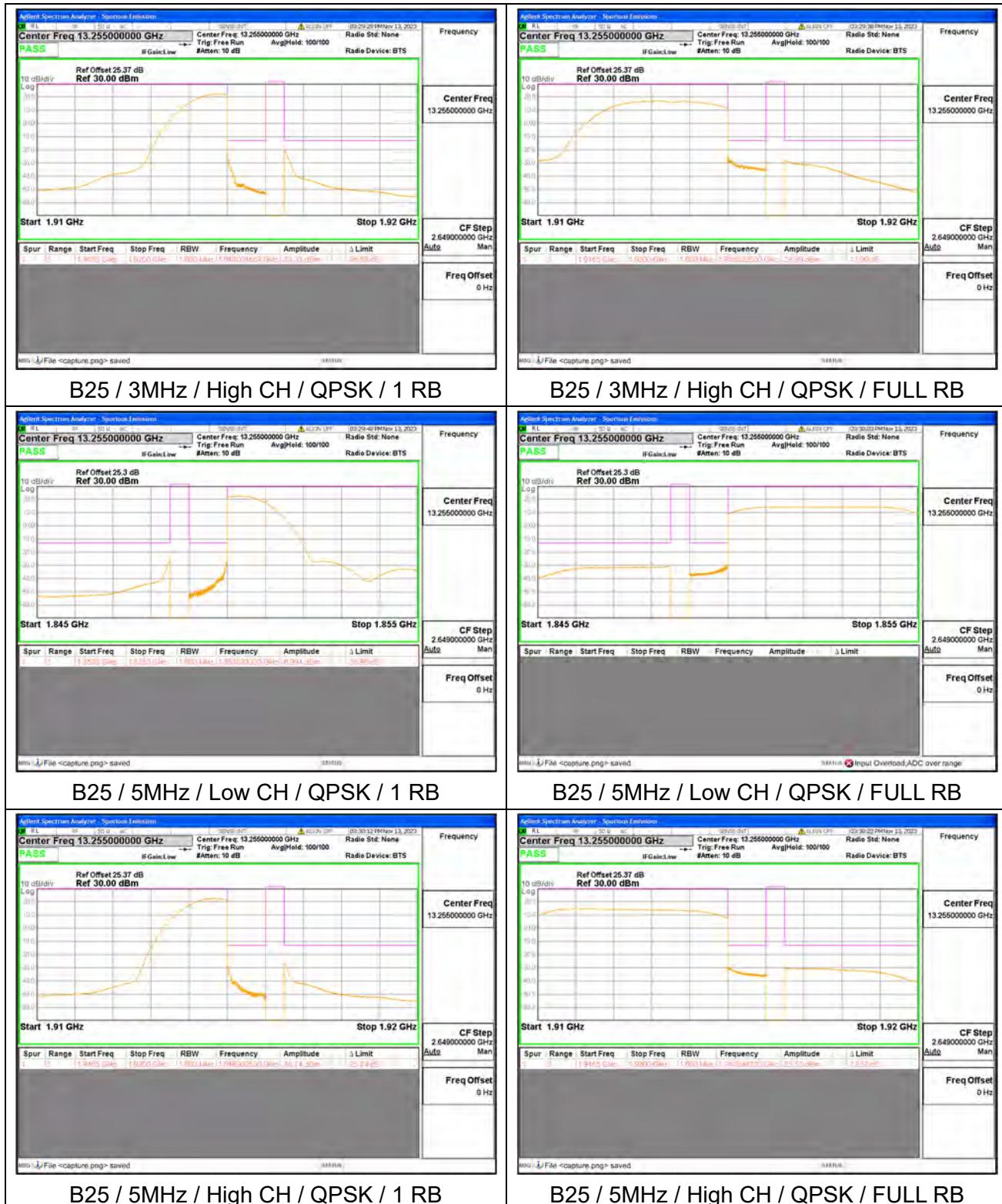
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



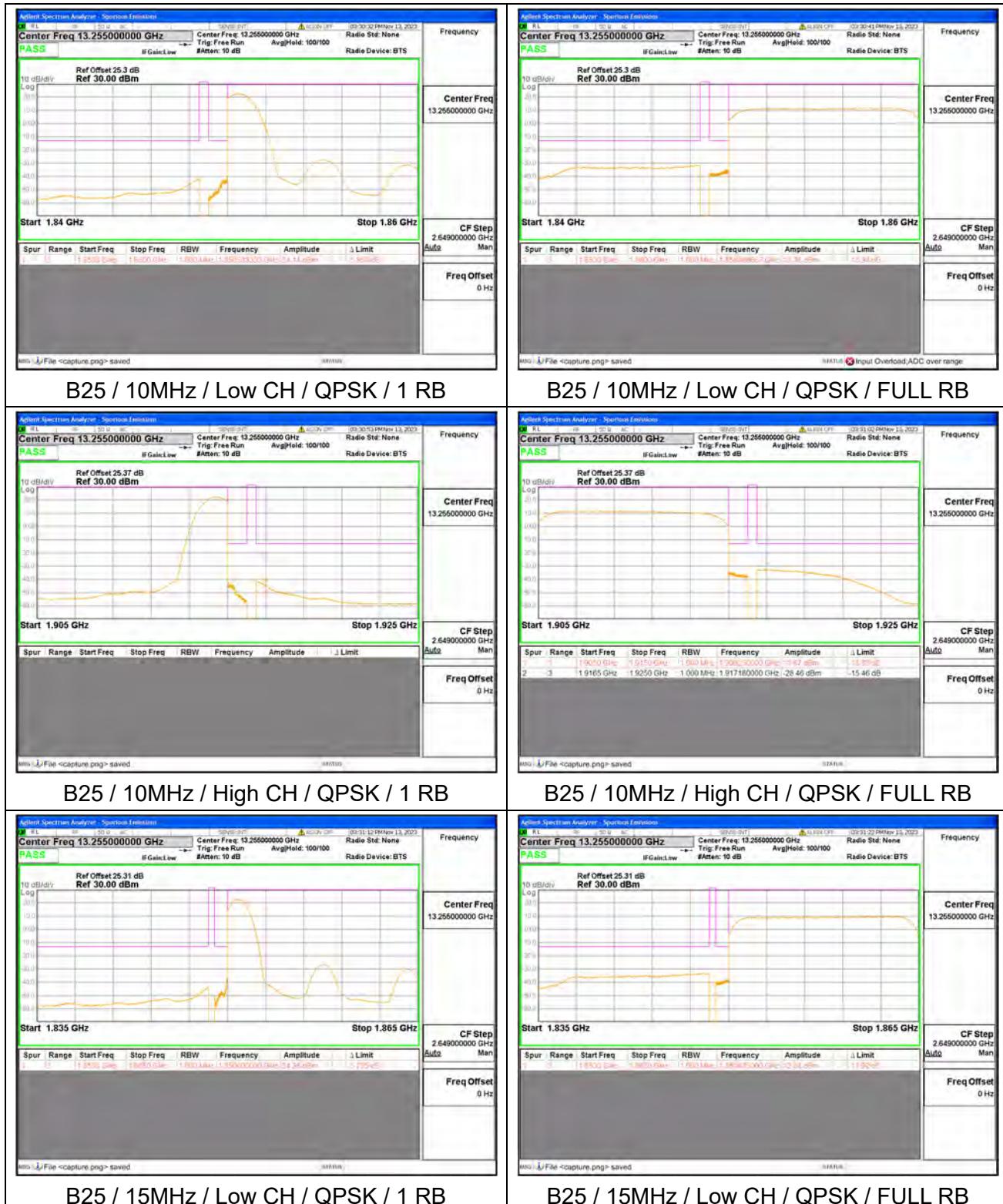
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698555
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



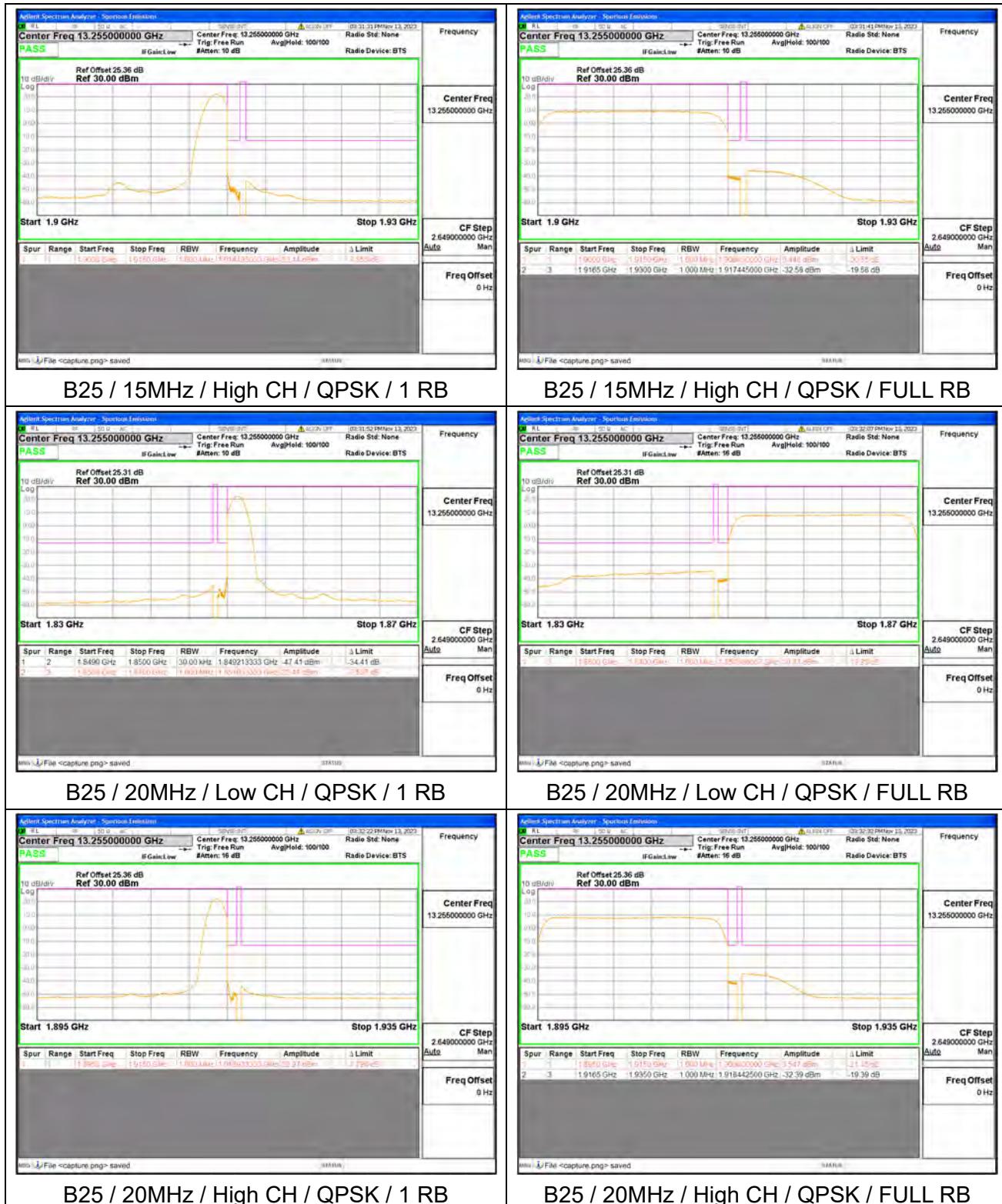
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



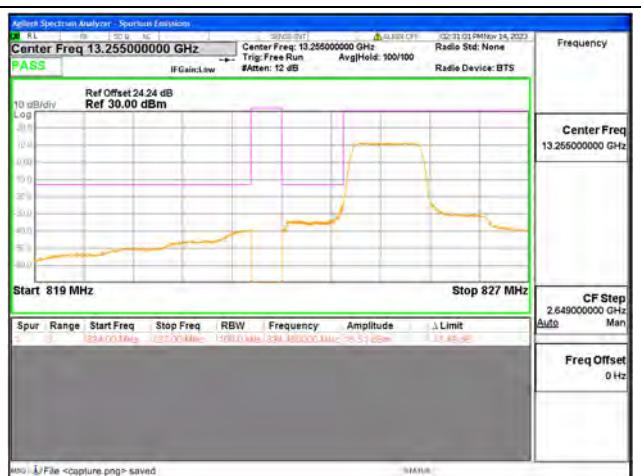
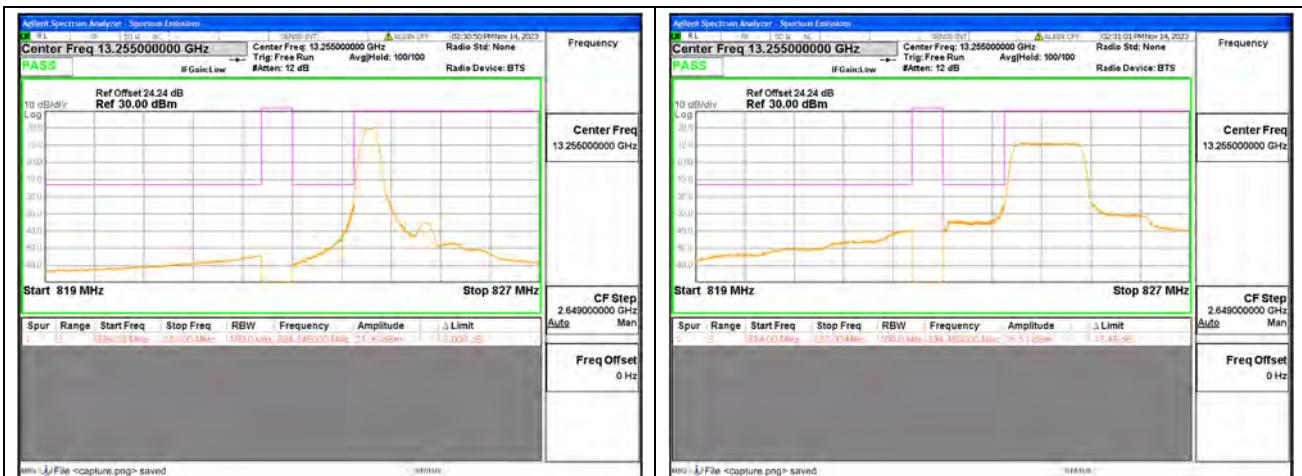
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn

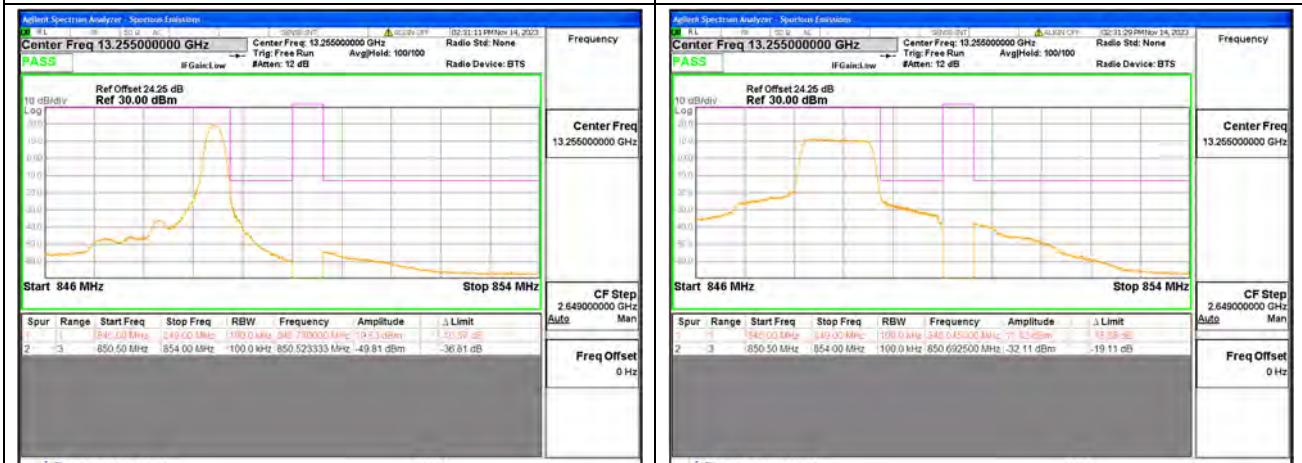


REPORT No.: SZ23100334W04



B26 Part22 / 1.4MHz / Low CH / QPSK / 1 RB

B26 Part22 / 1.4MHz / Low CH / QPSK / FULL RB



B26 Part22 / 1.4MHz / High CH / QPSK / 1 RB

B26 Part22 / 1.4MHz / High CH / QPSK / FULL RB



B26 Part22 / 3MHz / Low CH / QPSK / 1 RB

B26 Part22 / 3MHz / Low CH / QPSK / FULL RB

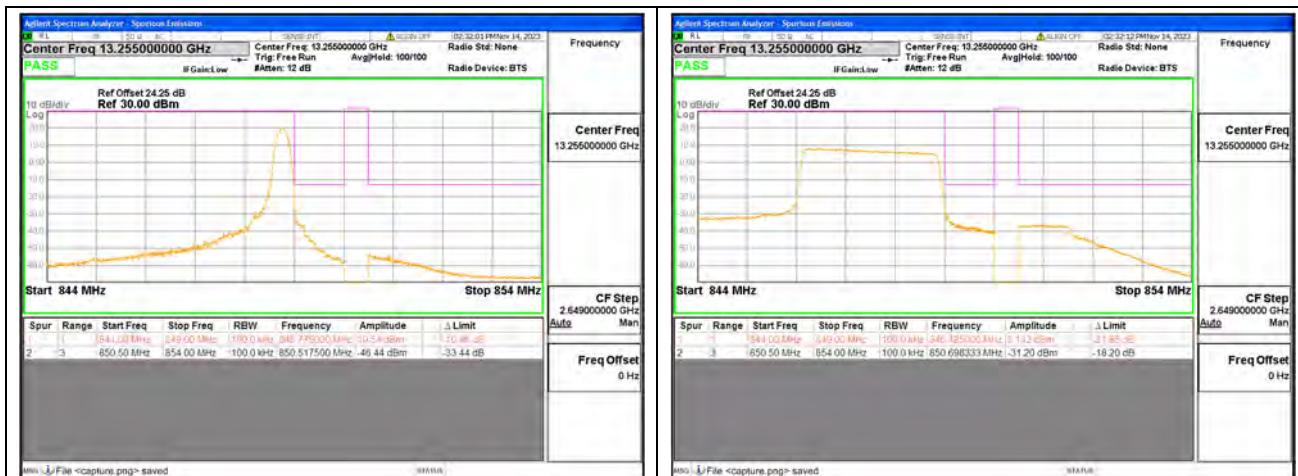
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



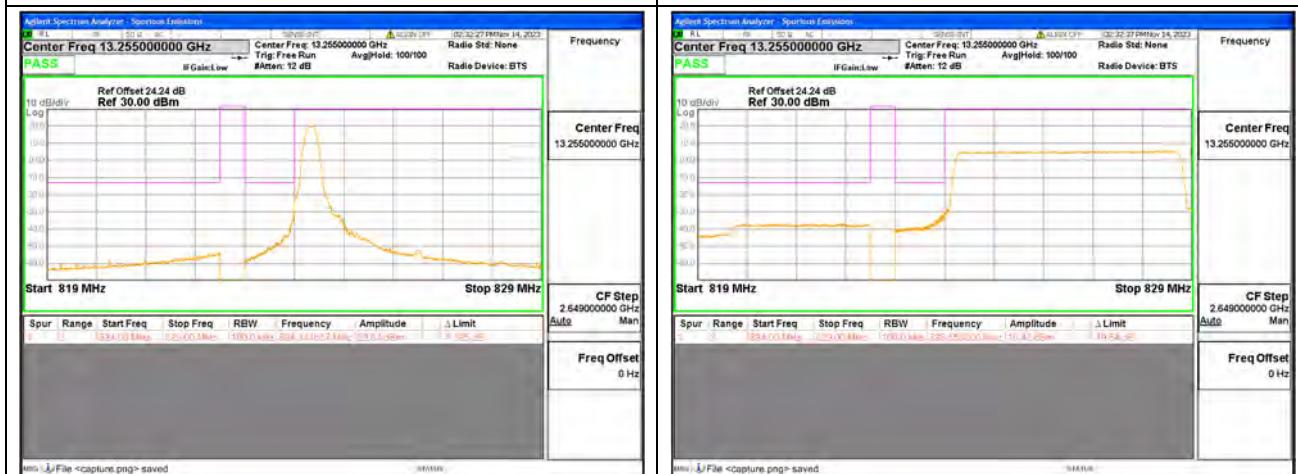
REPORT No.: SZ23100334W04



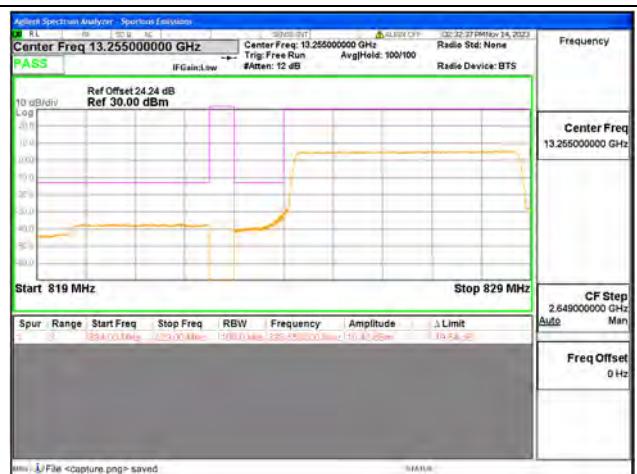
B26 Part22 / 3MHz / High CH / QPSK / 1 RB



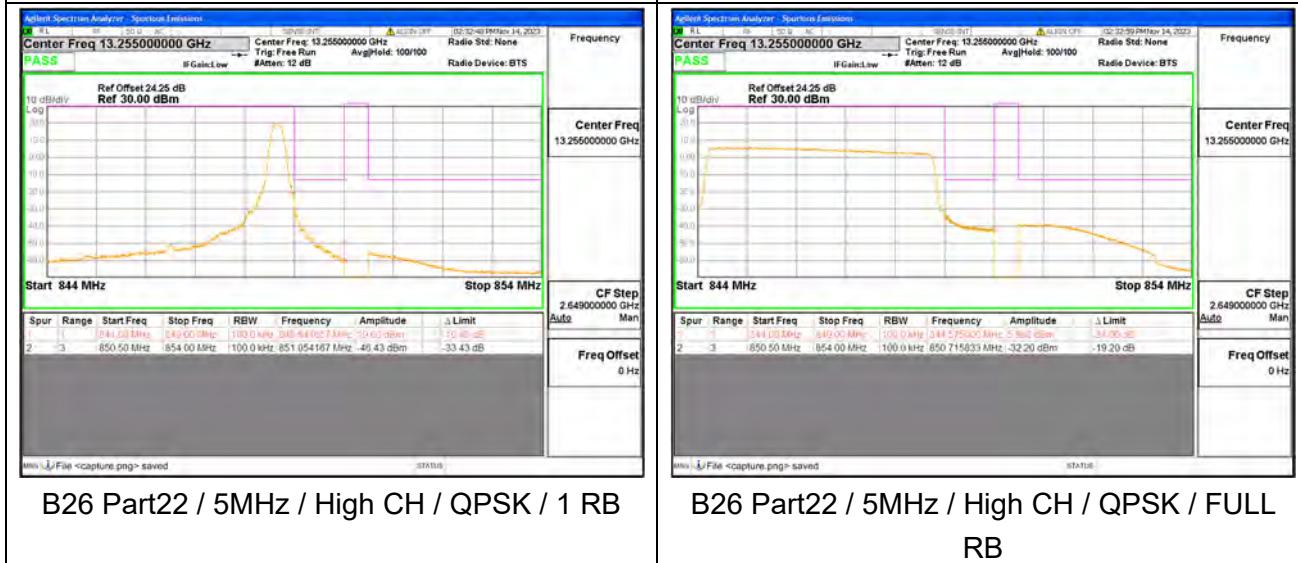
B26 Part22 / 3MHz / High CH / QPSK / FULL RB



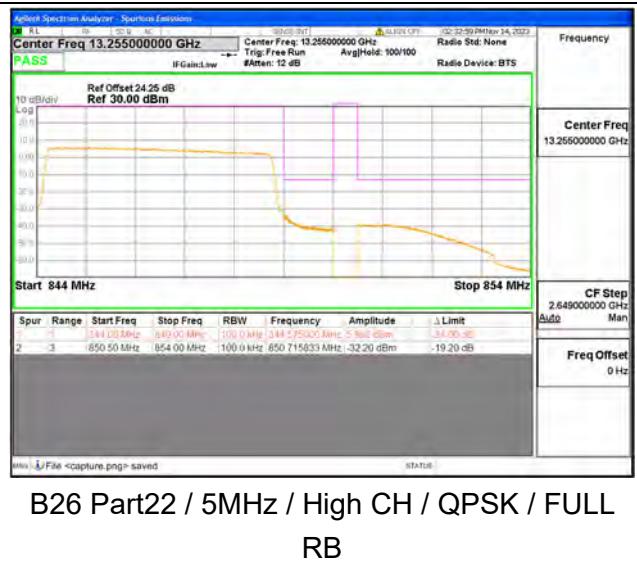
B26 Part22 / 5MHz / Low CH / QPSK / 1 RB



B26 Part22 / 5MHz / Low CH / QPSK / FULL RB



B26 Part22 / 5MHz / High CH / QPSK / 1 RB



B26 Part22 / 5MHz / High CH / QPSK / FULL RB

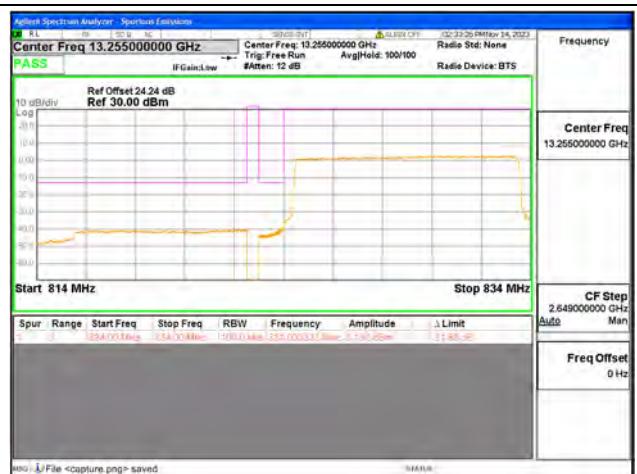
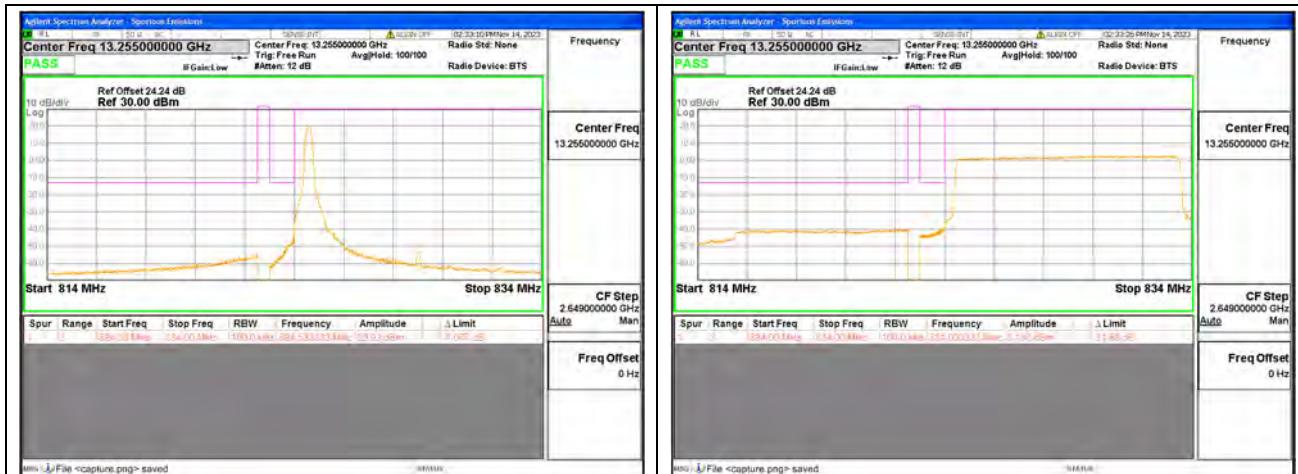
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



B26 Part22 / 10MHz / Low CH / QPSK / 1 RB

B26 Part22 / 10MHz / Low CH / QPSK / FULL RB

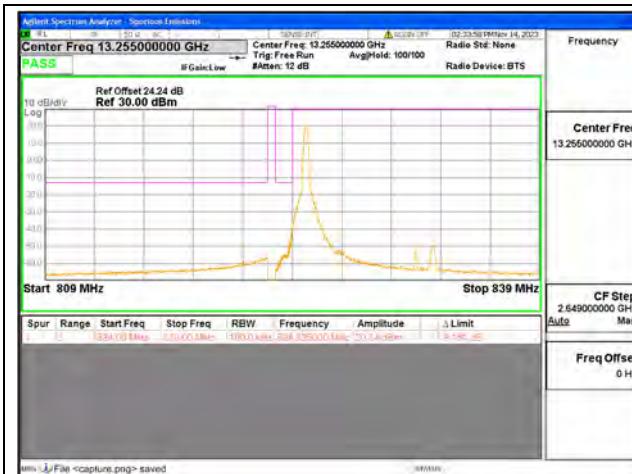


B26 Part22 / 10MHz / High CH / QPSK / 1 RB

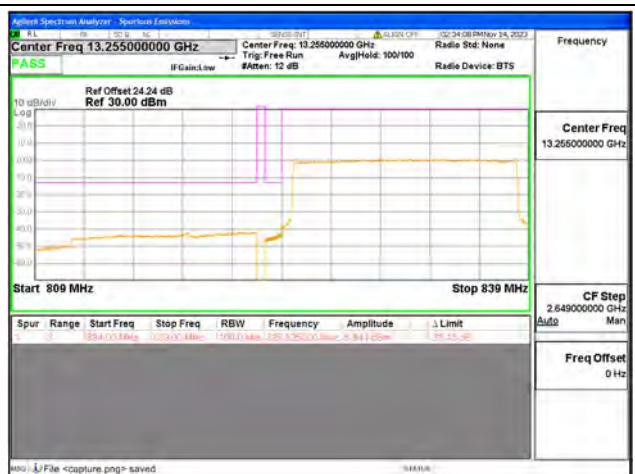
B26 Part22 / 10MHz / High CH / QPSK / FULL RB



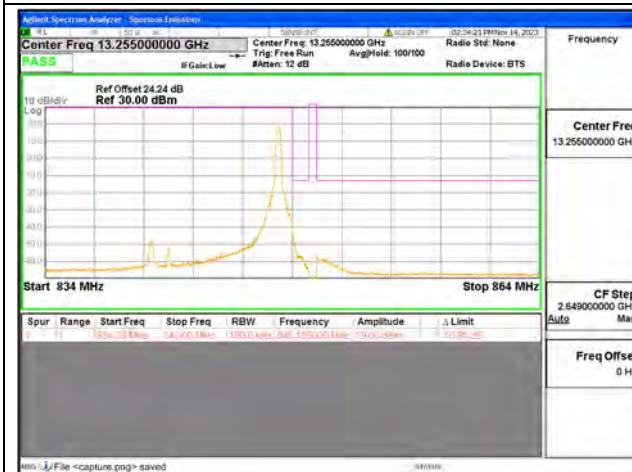
REPORT No.: SZ23100334W04



B26 Part22 / 15MHz / Low CH / QPSK / 1 RB



B26 Part22 / 15MHz / Low CH / QPSK / FULL RB



B26 Part22 / 15MHz / High CH / QPSK / 1 RB



B26 Part22 / 15MHz / High CH / QPSK / FULL RB

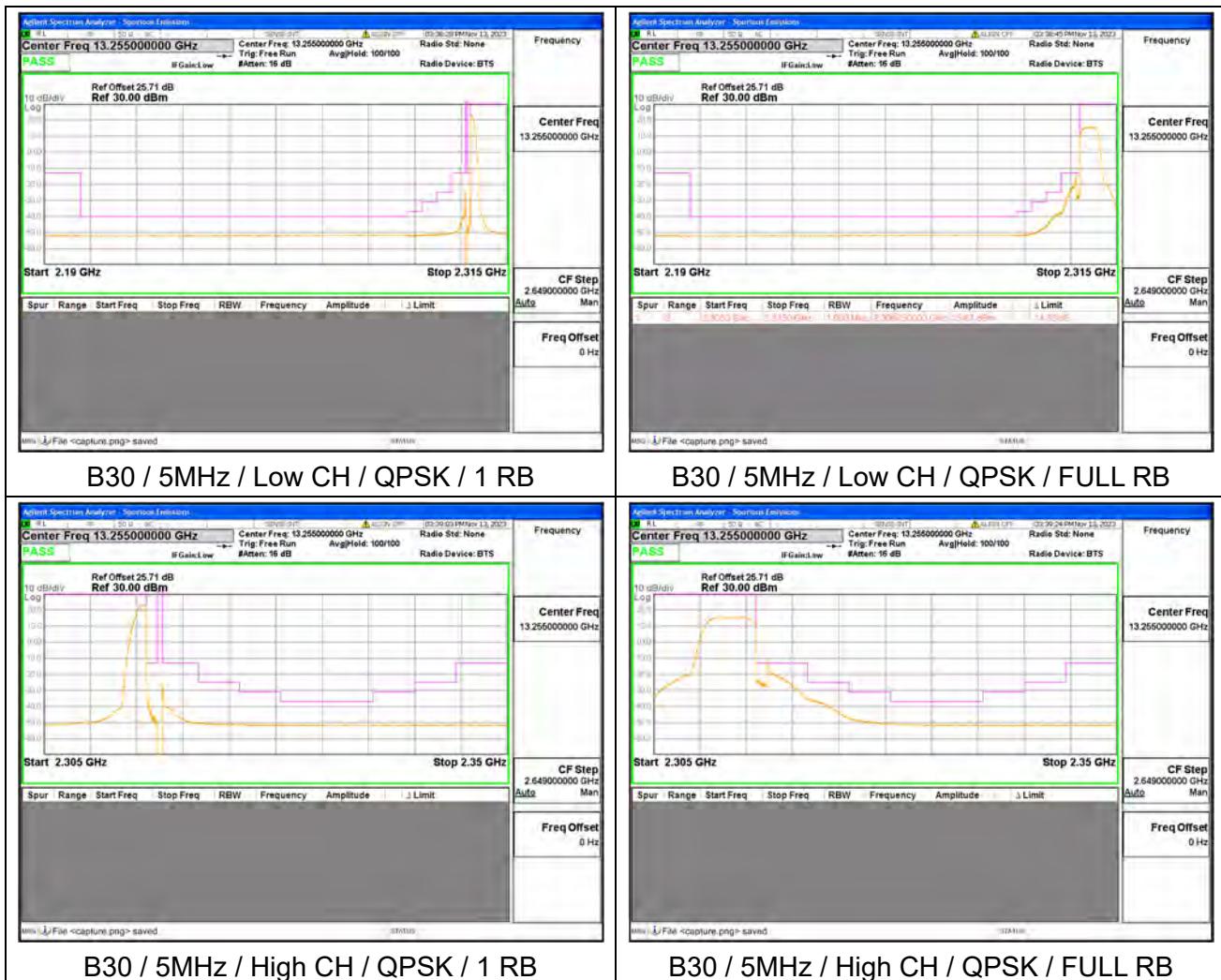
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



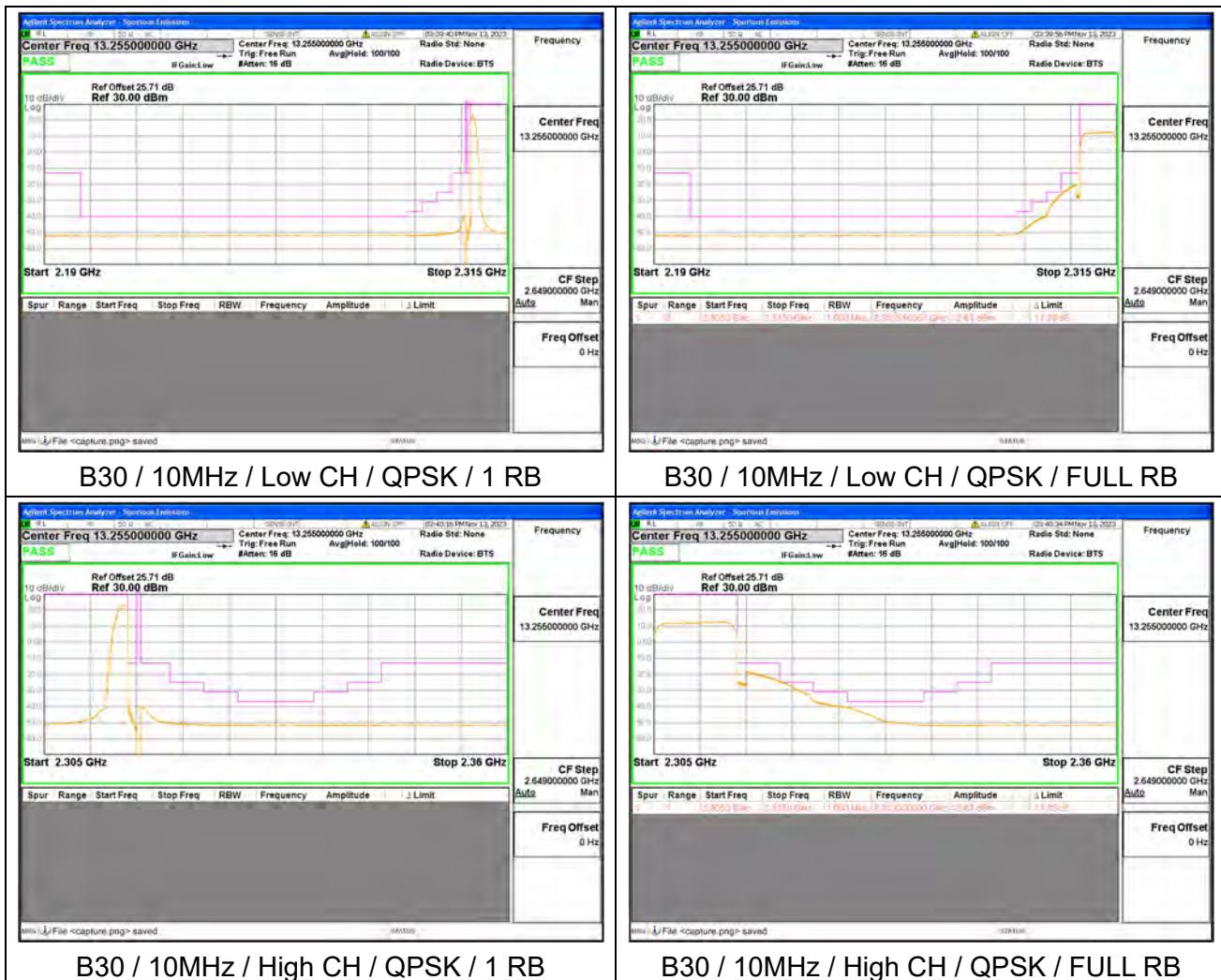
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



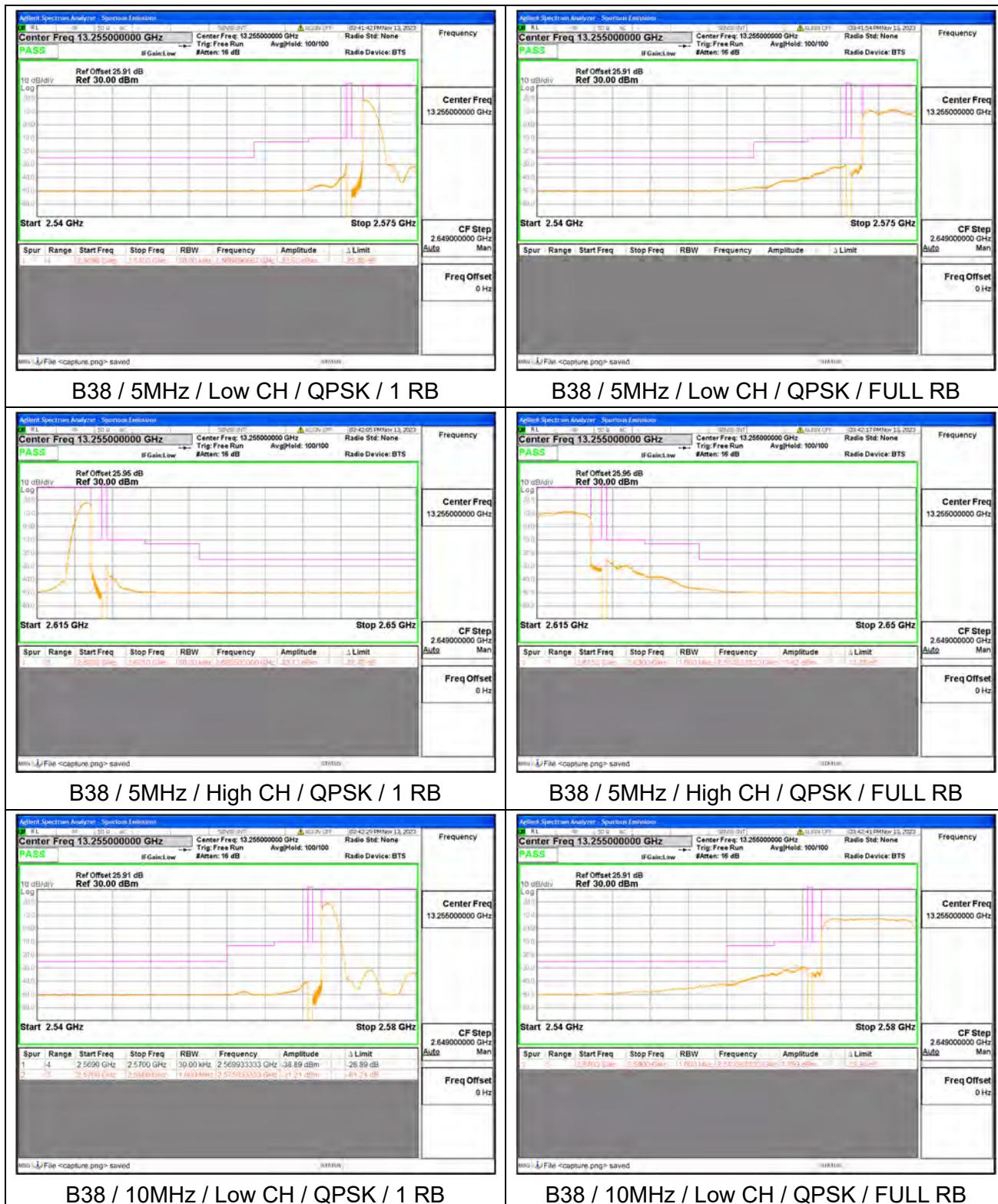
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



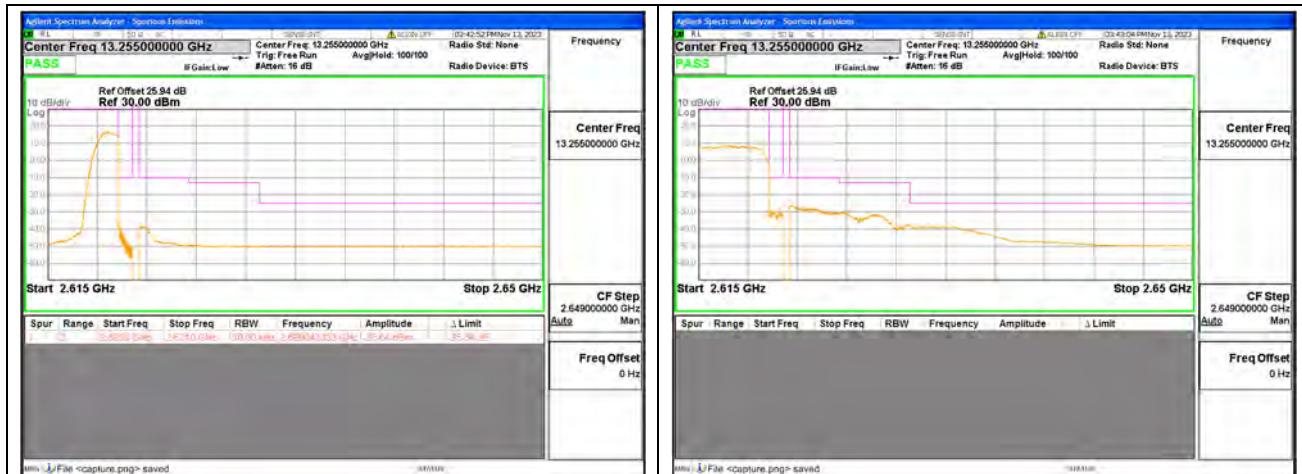
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



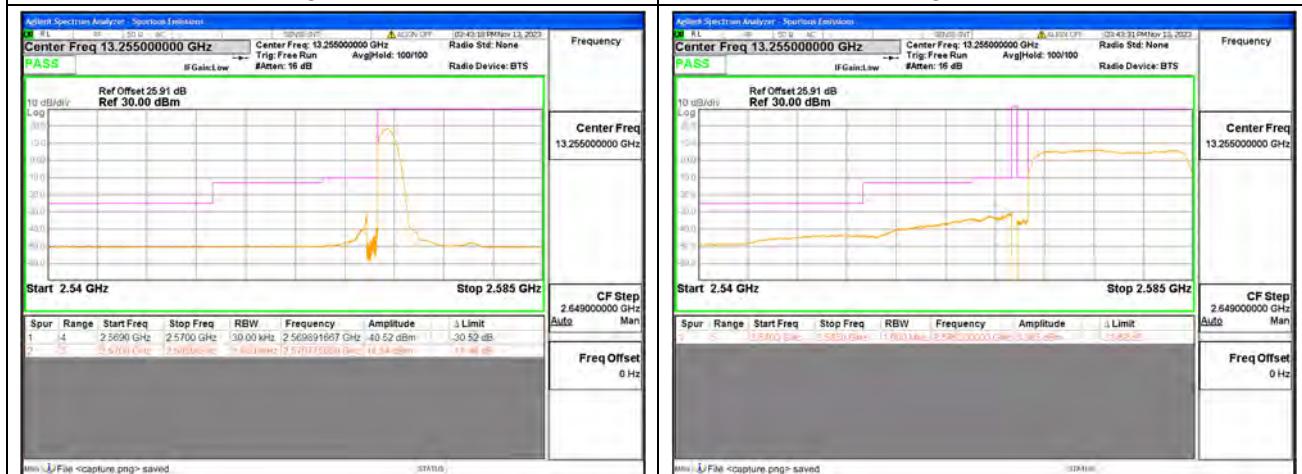
REPORT No.: SZ23100334W04



B38 / 10MHz / High CH / QPSK / 1 RB



B38 / 10MHz / High CH / QPSK / FULL RB



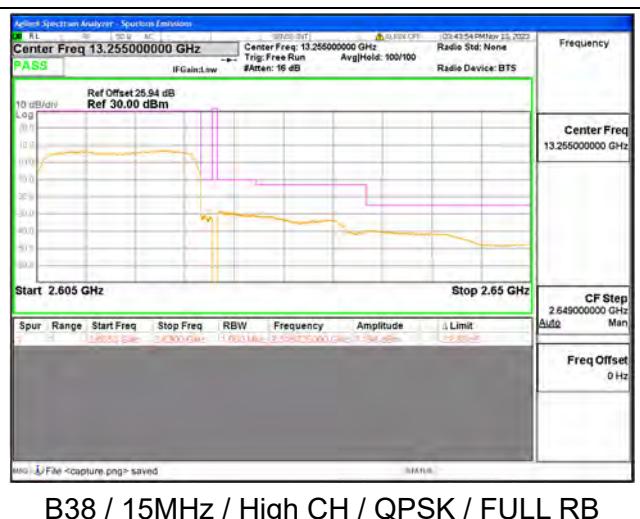
B38 / 15MHz / Low CH / QPSK / 1 RB



B38 / 15MHz / Low CH / QPSK / FULL RB



B38 / 15MHz / High CH / QPSK / 1 RB



B38 / 15MHz / High CH / QPSK / FULL RB

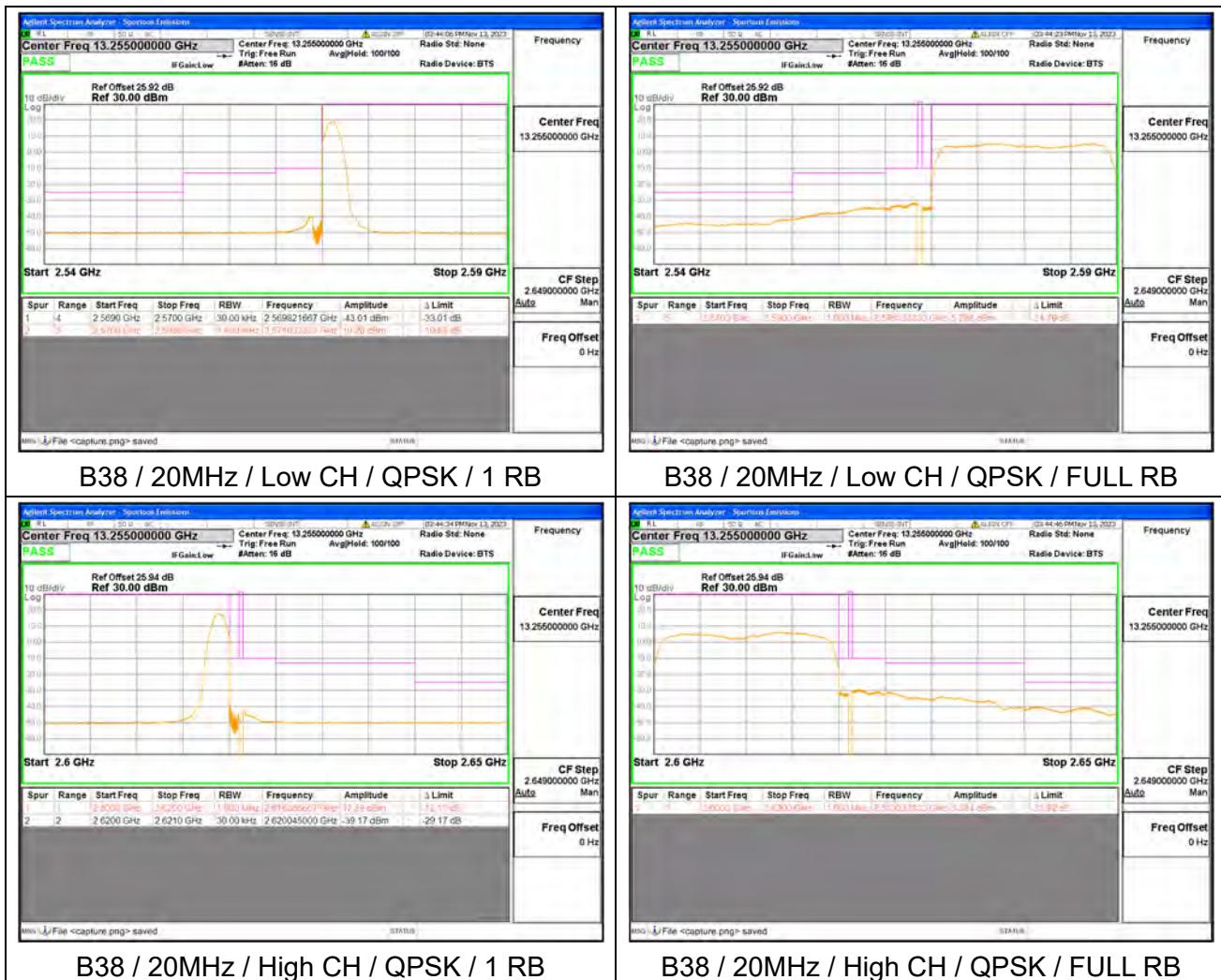
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL-1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



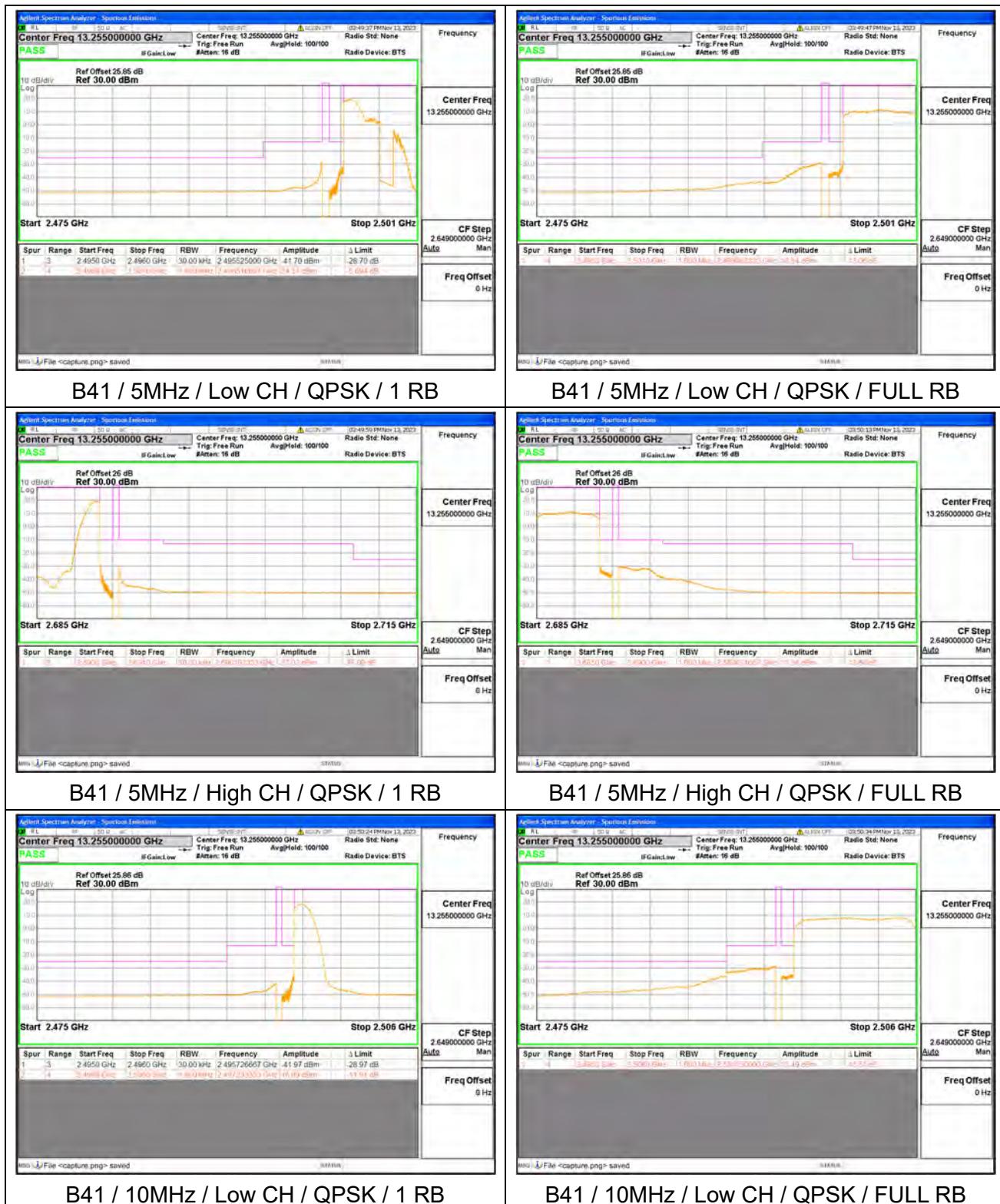
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



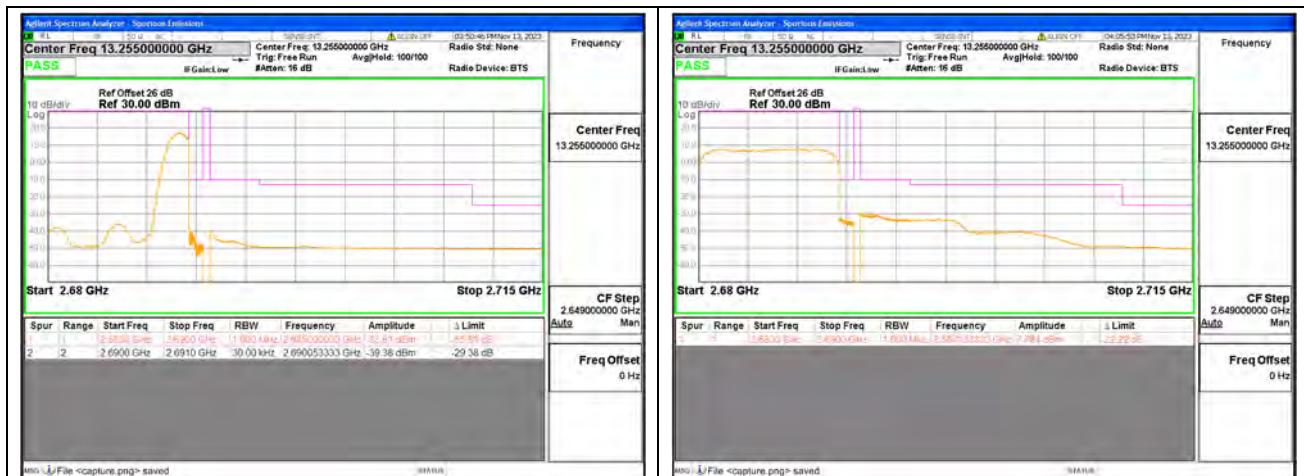
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

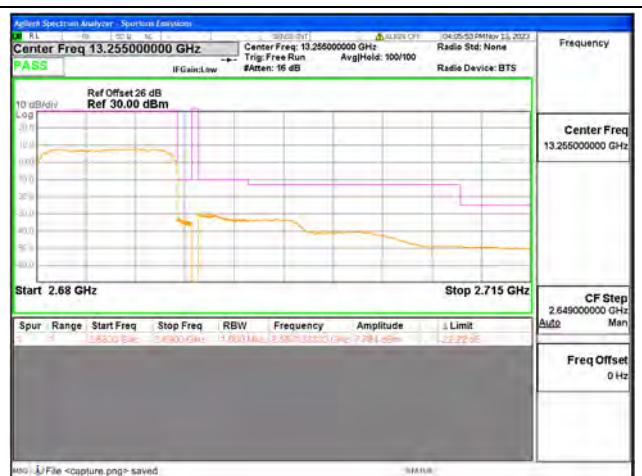
Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



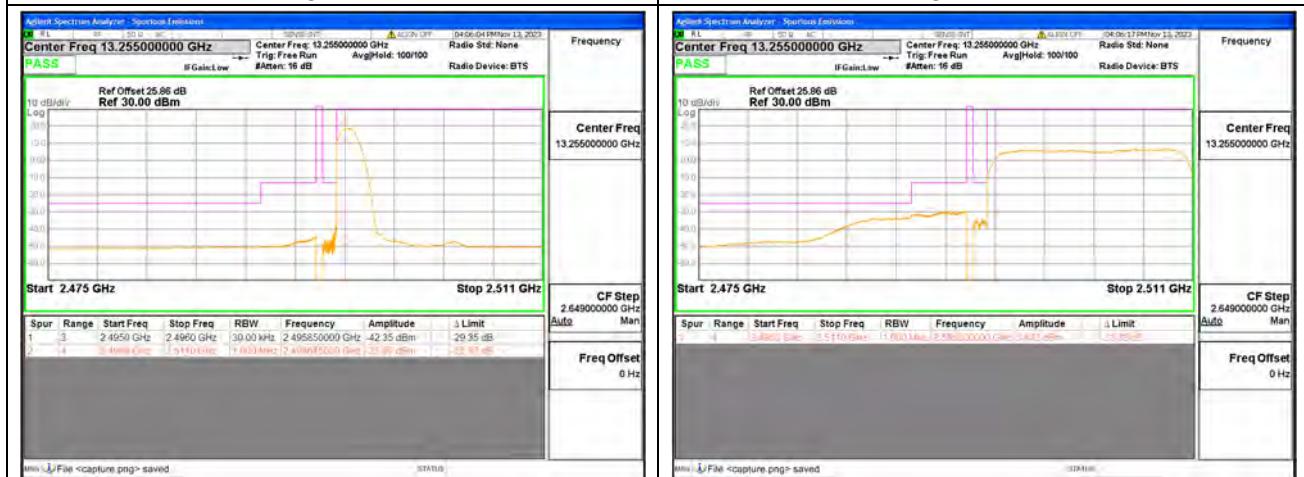
REPORT No.: SZ23100334W04



B41 / 10MHz / High CH / QPSK / 1 RB



B41 / 10MHz / High CH / QPSK / FULL RB



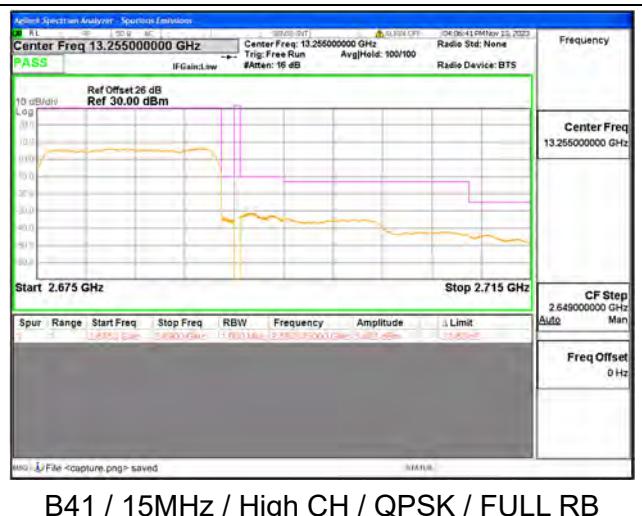
B41 / 15MHz / Low CH / QPSK / 1 RB



B41 / 15MHz / Low CH / QPSK / FULL RB



B41 / 15MHz / High CH / QPSK / 1 RB



B41 / 15MHz / High CH / QPSK / FULL RB

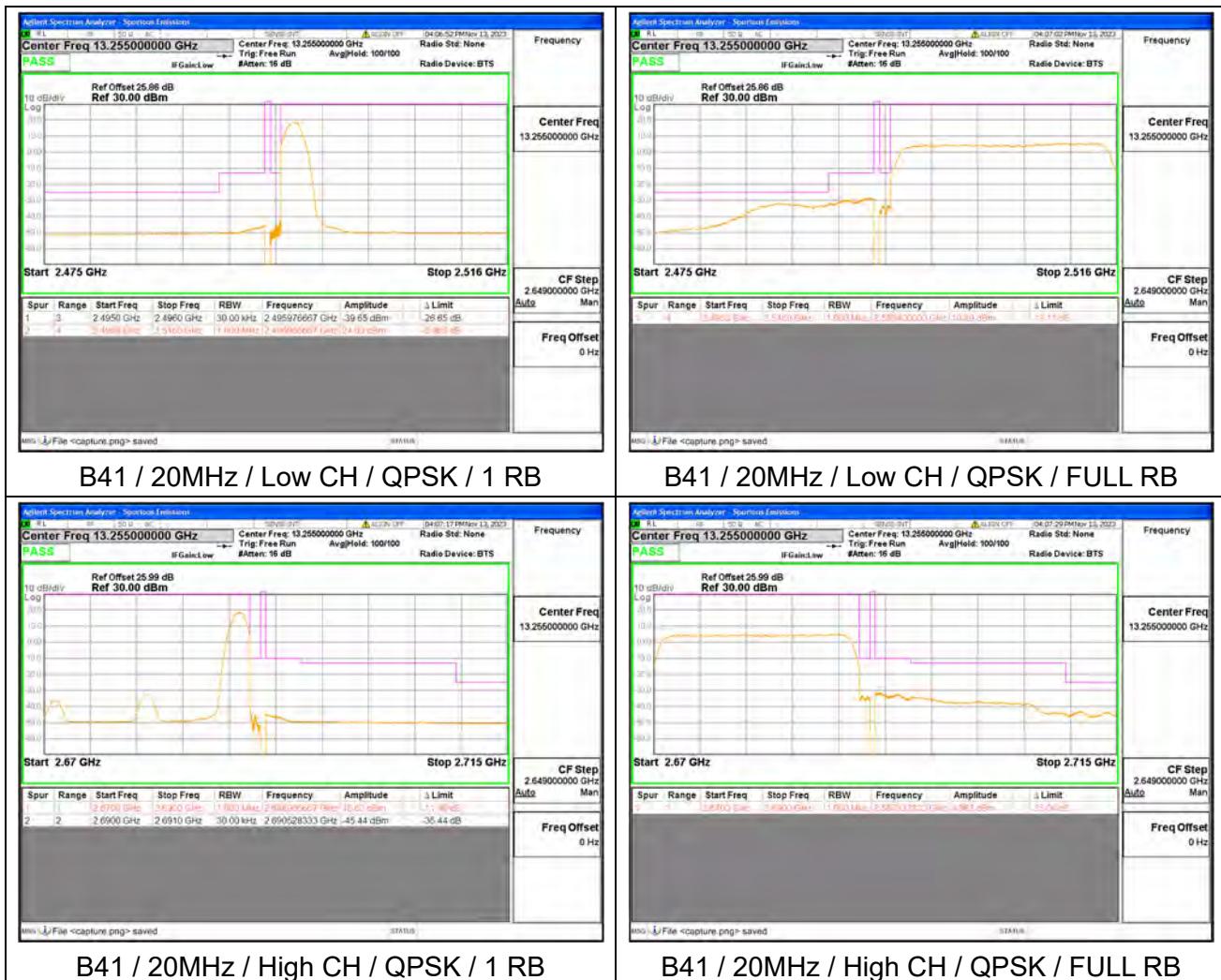
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



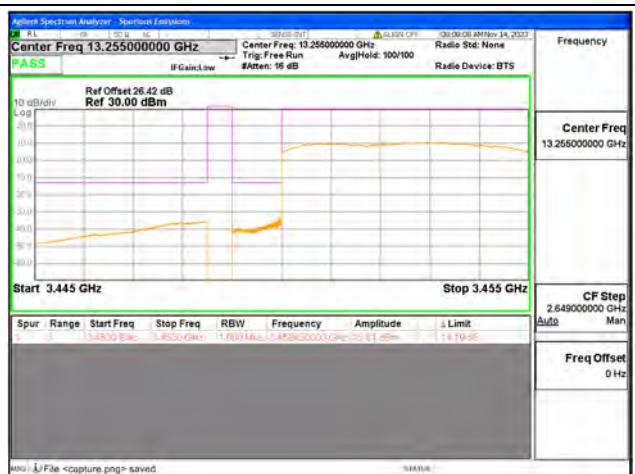
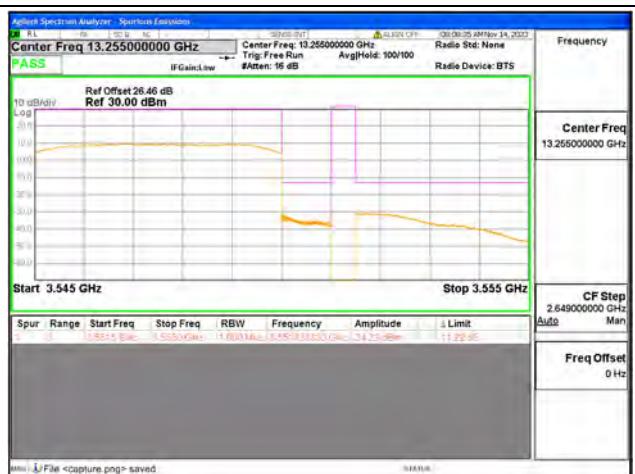
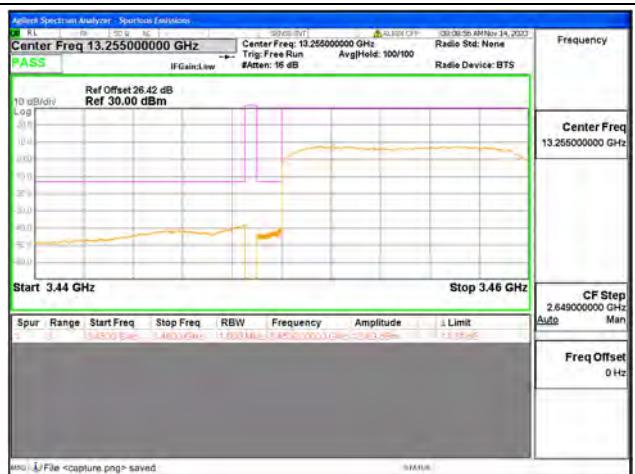
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04

B42(3450-3550) / 5MHz / Low CH / QPSK / 1
RBB42(3450-3550) / 5MHz / Low CH / QPSK /
FULL RBB42(3450-3550) / 5MHz / High CH / QPSK / 1
RBB42(3450-3550) / 5MHz / High CH / QPSK /
FULL RBB42(3450-3550) / 10MHz / Low CH / QPSK / 1
RBB42(3450-3550) / 10MHz / Low CH / QPSK /
FULL RB

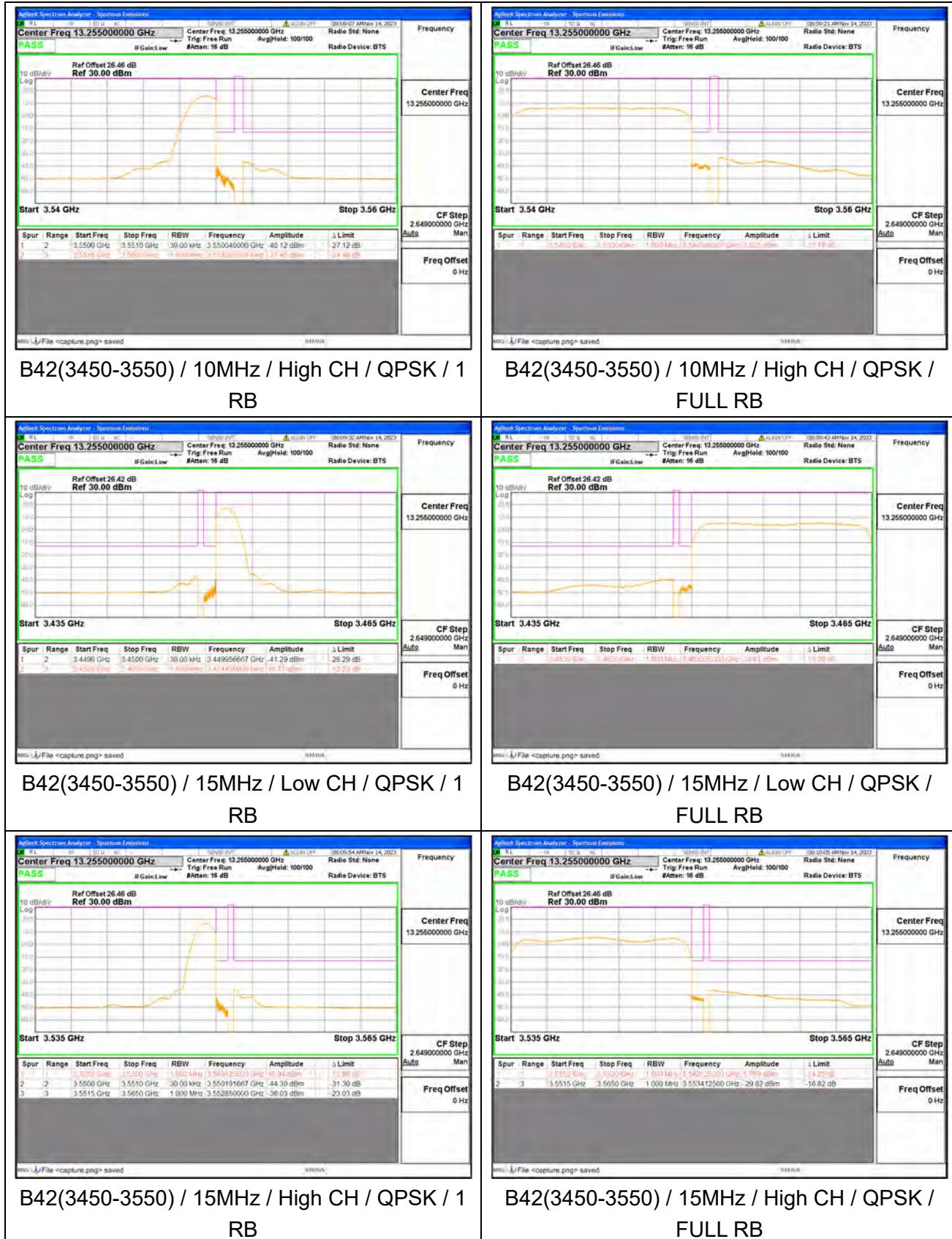
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



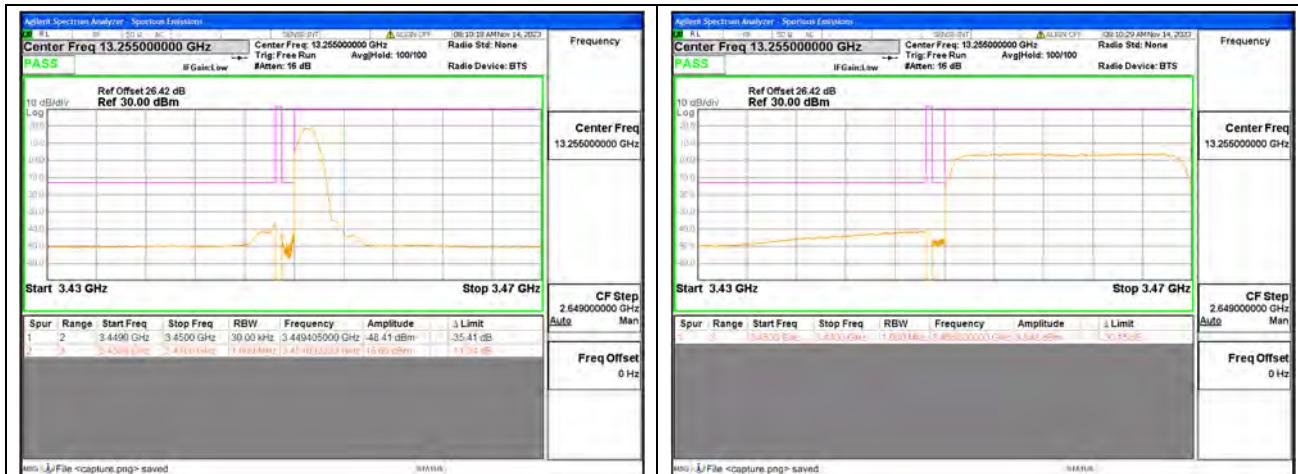
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



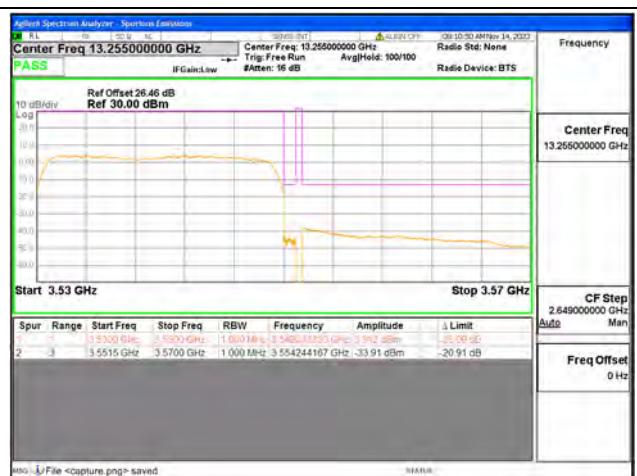
B42(3450-3550) / 20MHz / Low CH / QPSK / 1
RB



B42(3450-3550) / 20MHz / Low CH / QPSK /
FULL RB



B42(3450-3550) / 20MHz / High CH / QPSK / 1
RB



B42(3450-3550) / 20MHz / High CH / QPSK /
FULL RB

MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn

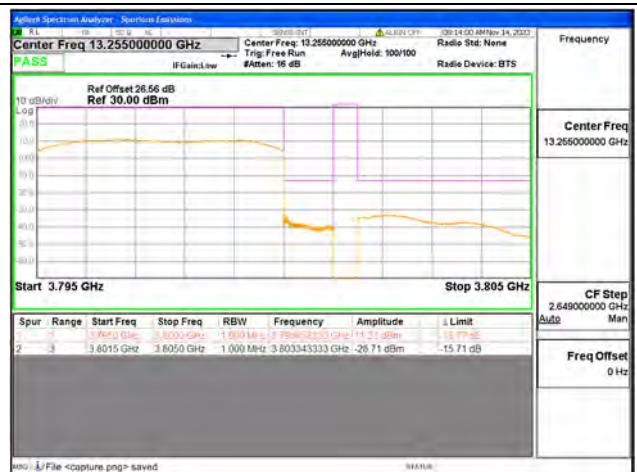


REPORT No.: SZ23100334W04



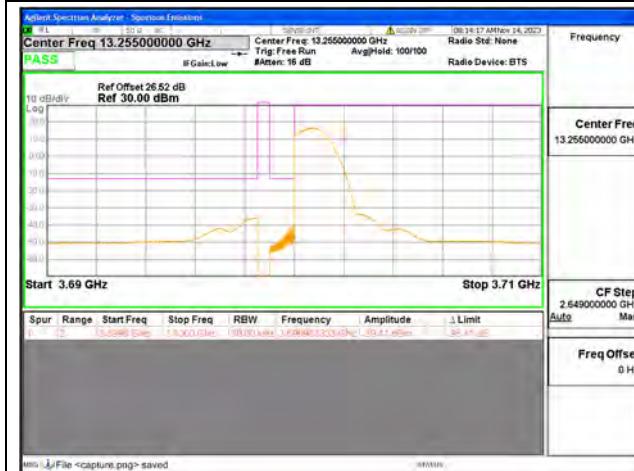
B43(3700-3800) / 5MHz / Low CH / QPSK / 1 RB

B43(3700-3800) / 5MHz / Low CH / QPSK / FULL RB



B43(3700-3800) / 5MHz / High CH / QPSK / 1 RB

B43(3700-3800) / 5MHz / High CH / QPSK / FULL RB



B43(3700-3800) / 10MHz / Low CH / QPSK / 1 RB

B43(3700-3800) / 10MHz / Low CH / QPSK / FULL RB

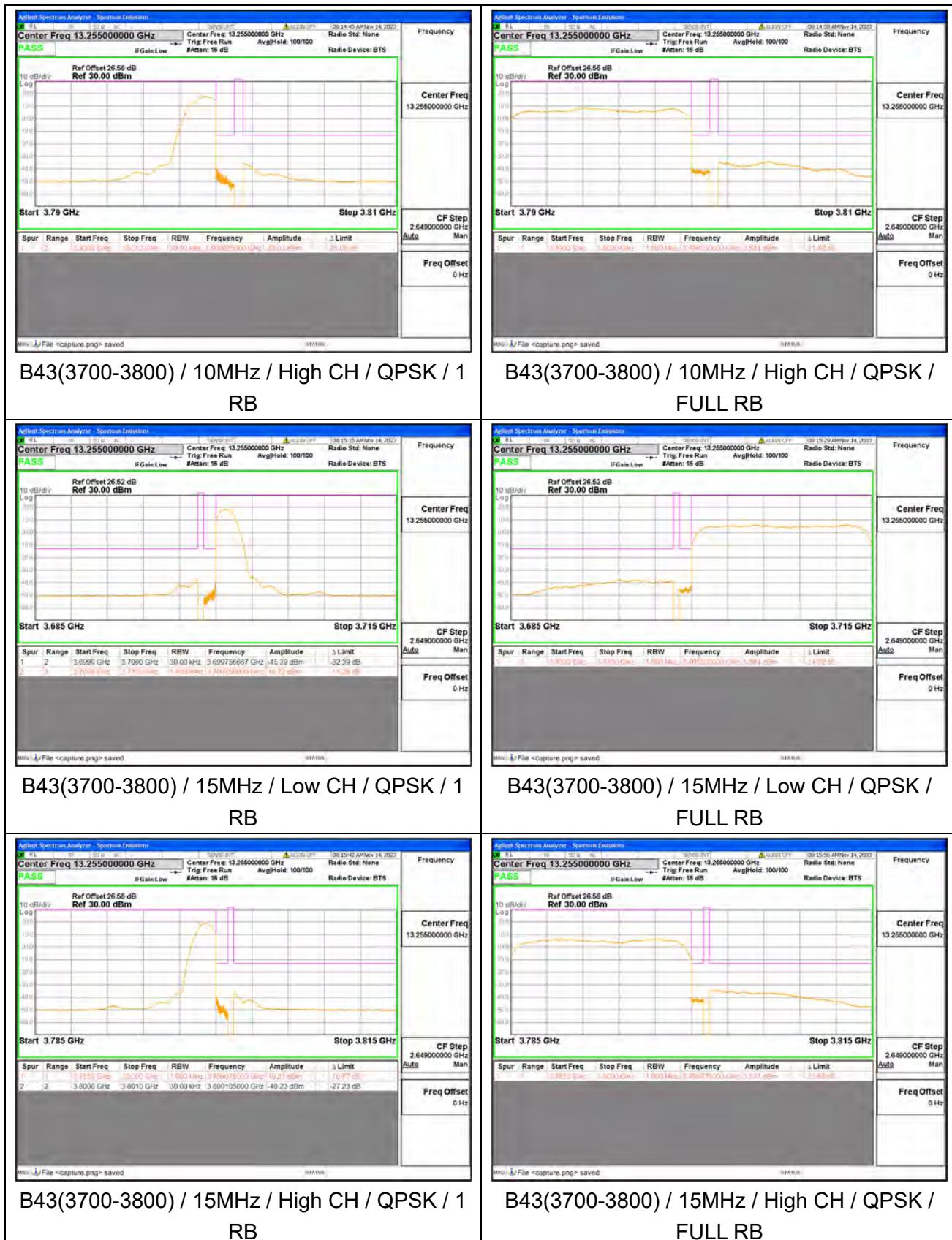
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



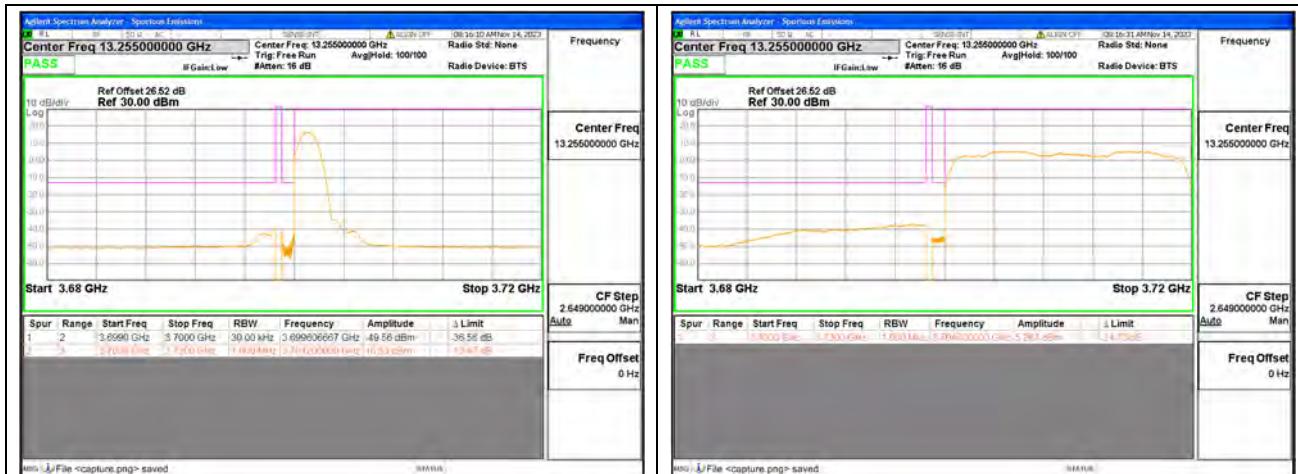
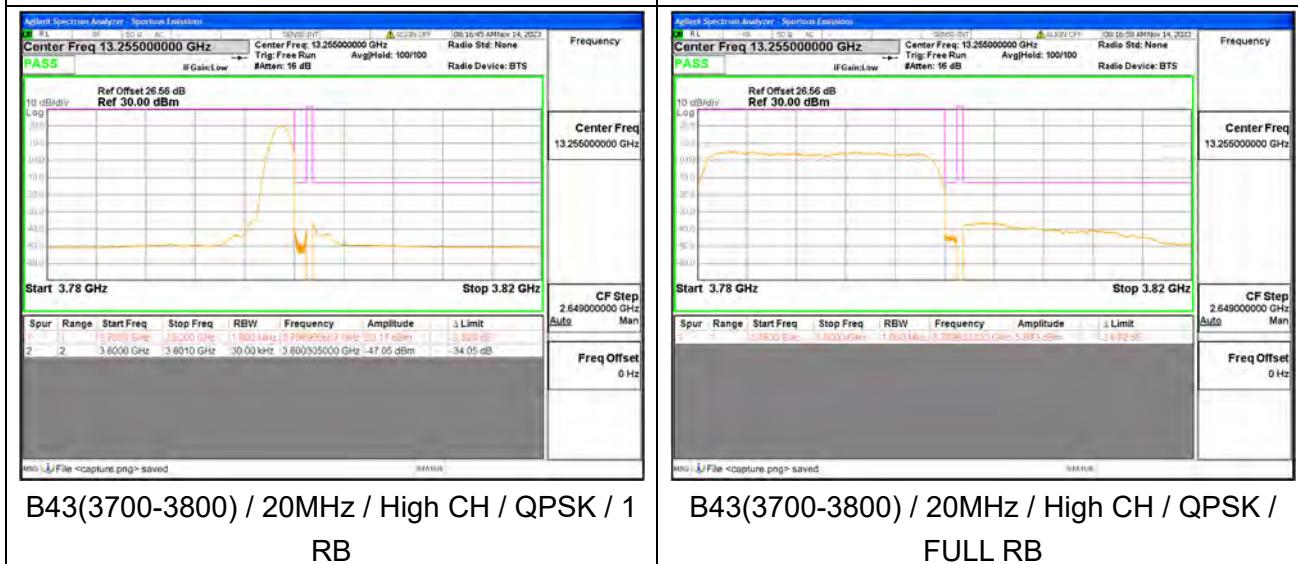
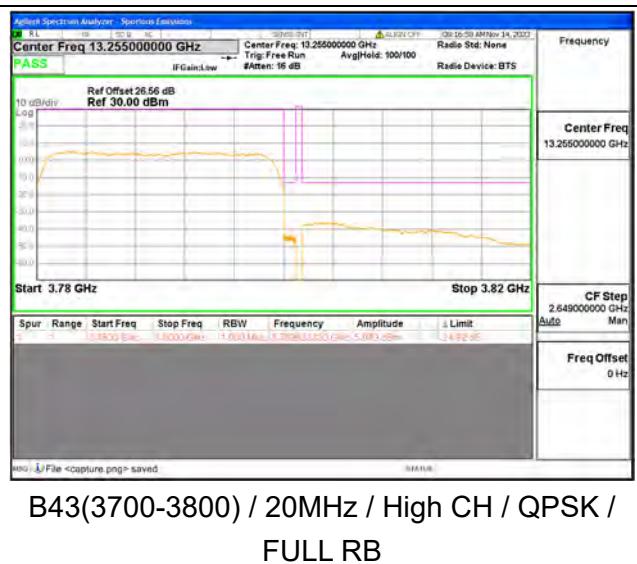
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04

B43(3700-3800) / 20MHz / Low CH / QPSK / 1
RBB43(3700-3800) / 20MHz / Low CH / QPSK /
FULL RBB43(3700-3800) / 20MHz / High CH / QPSK / 1
RBB43(3700-3800) / 20MHz / High CH / QPSK /
FULL RB

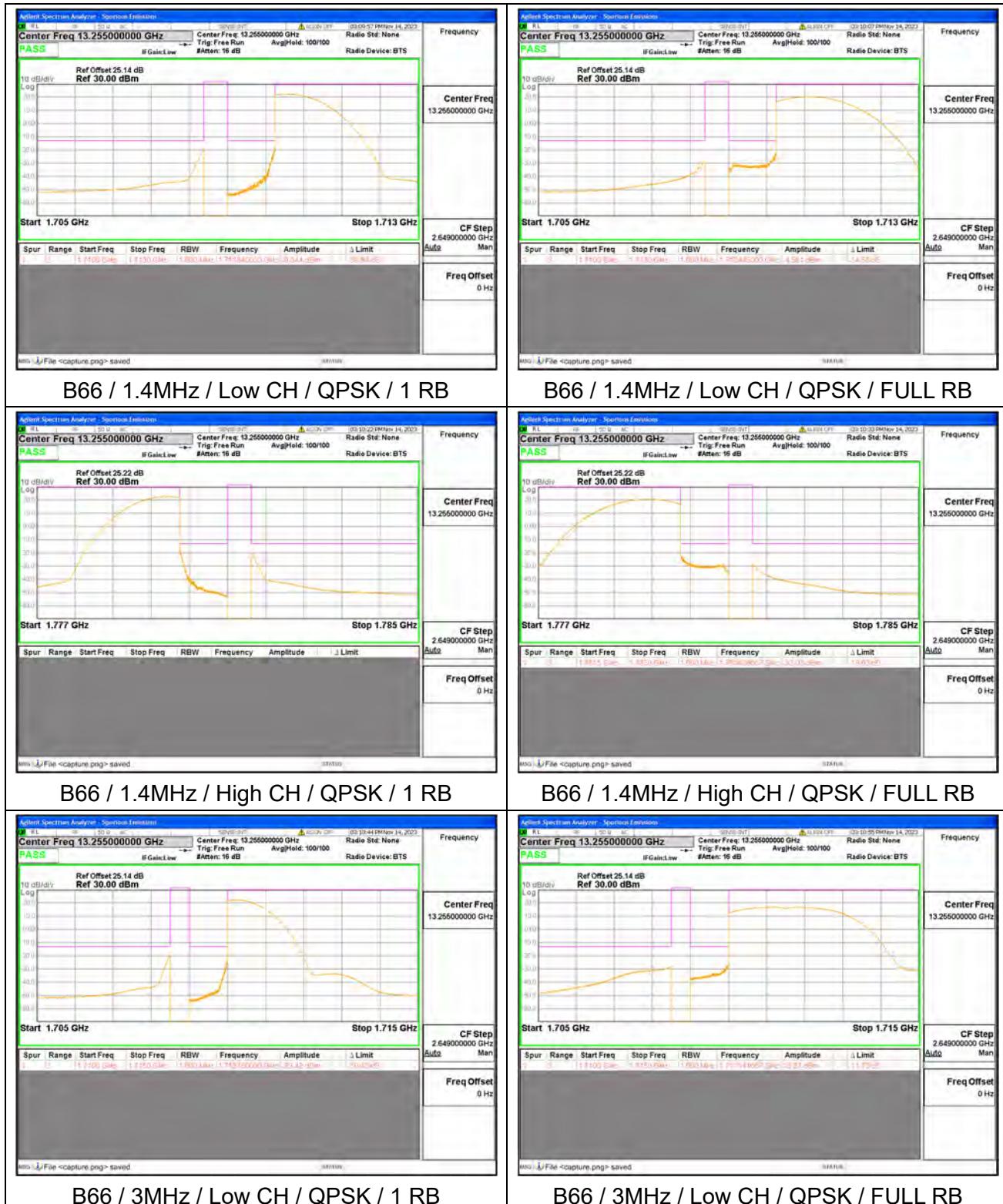
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



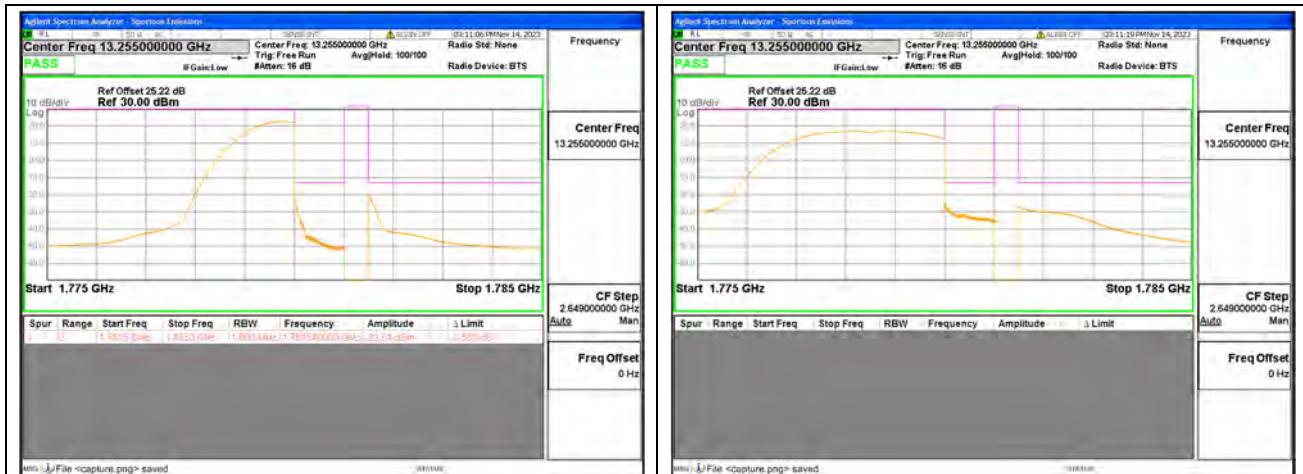
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



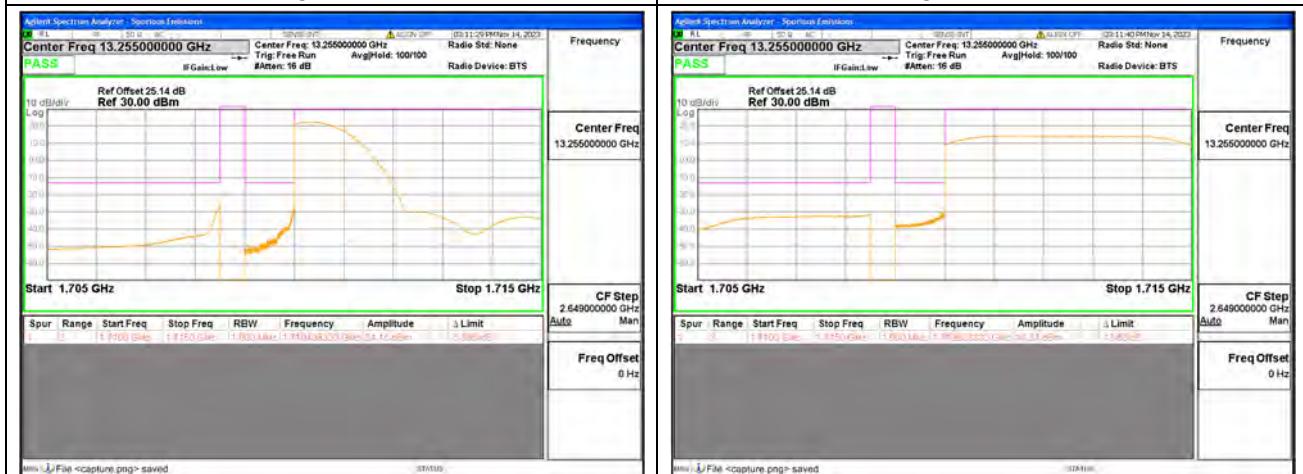
REPORT No.: SZ23100334W04



B66 / 3MHz / High CH / QPSK / 1 RB



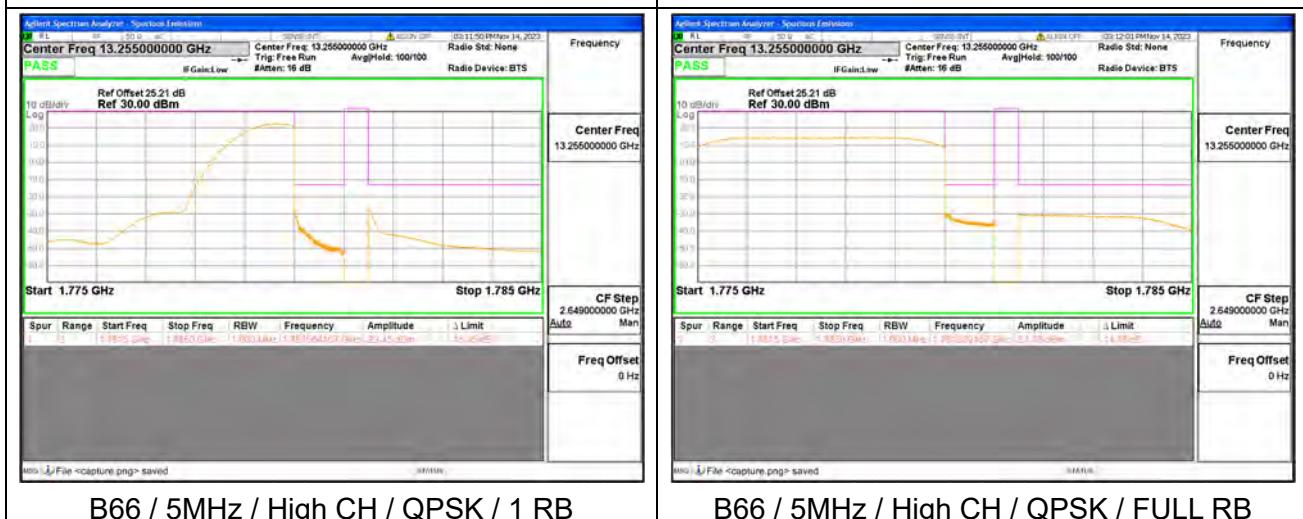
B66 / 3MHz / High CH / QPSK / FULL RB



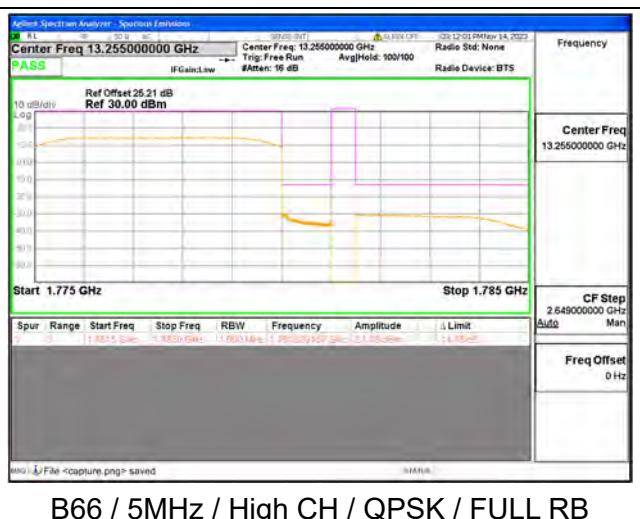
B66 / 5MHz / Low CH / QPSK / 1 RB



B66 / 5MHz / Low CH / QPSK / FULL RB



B66 / 5MHz / High CH / QPSK / 1 RB



B66 / 5MHz / High CH / QPSK / FULL RB

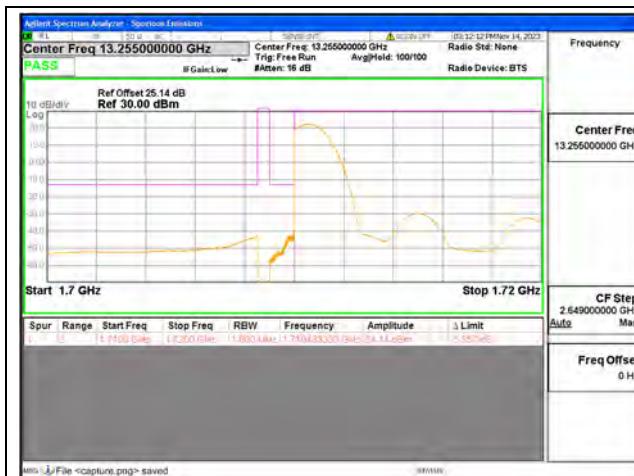
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



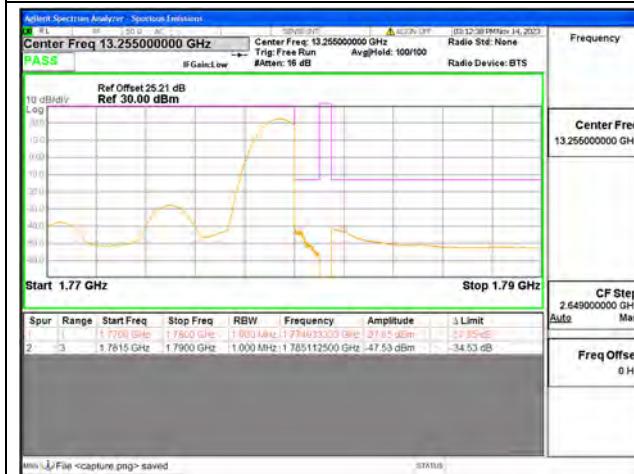
REPORT No.: SZ23100334W04



B66 / 10MHz / Low CH / QPSK / 1 RB



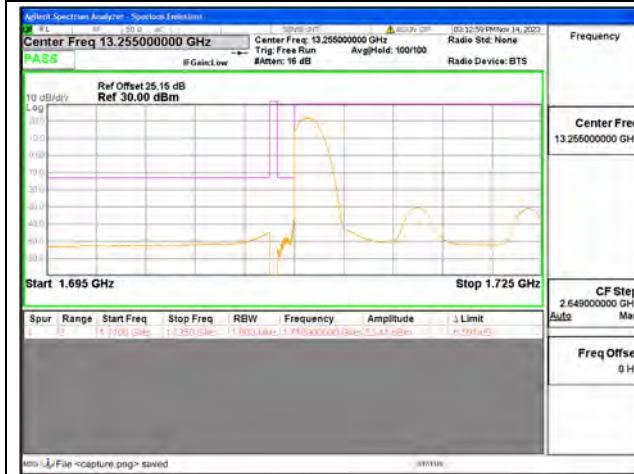
B66 / 10MHz / Low CH / QPSK / FULL RB



B66 / 10MHz / High CH / QPSK / 1 RB



B66 / 10MHz / High CH / QPSK / FULL RB



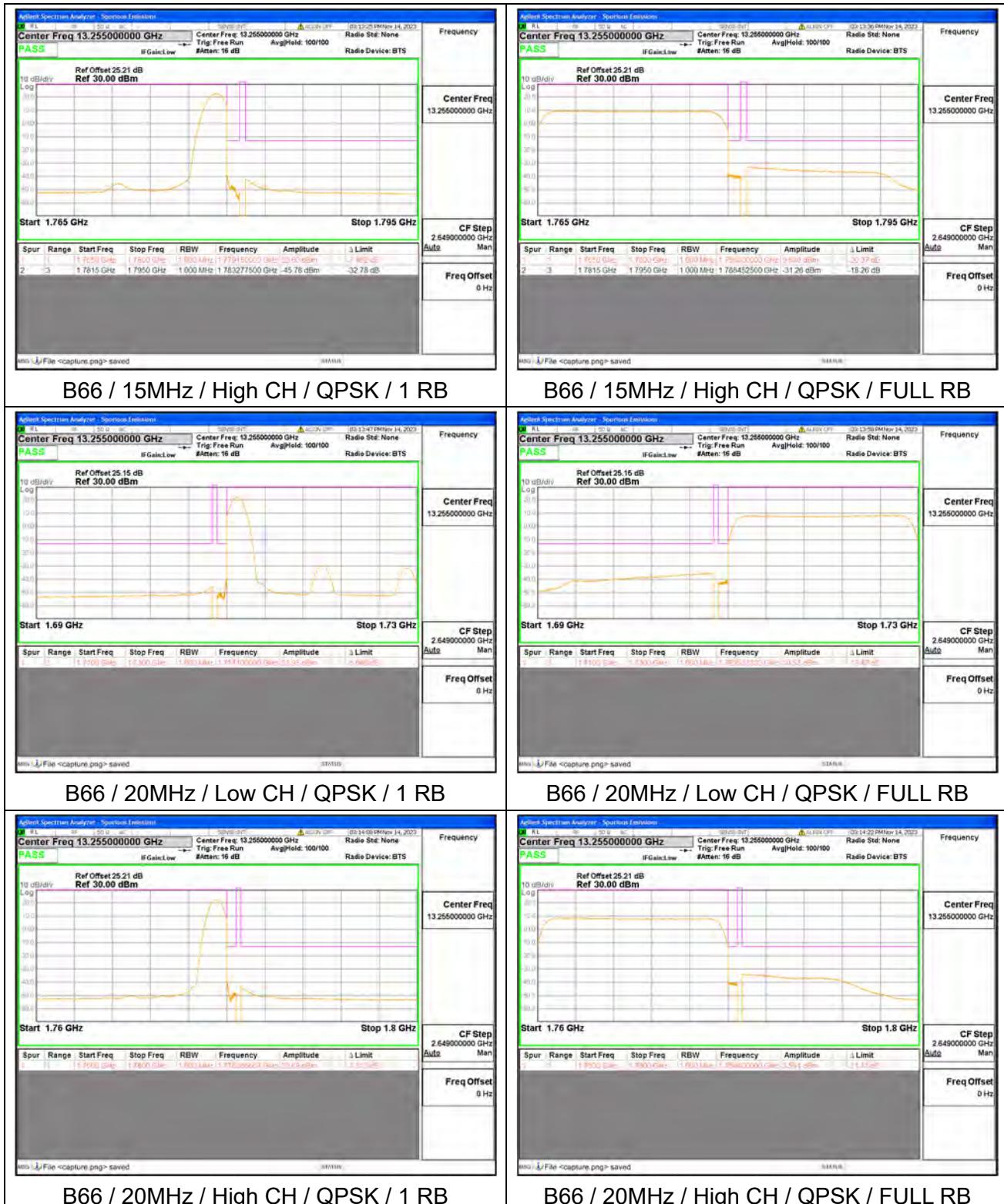
B66 / 15MHz / Low CH / QPSK / 1 RB



B66 / 15MHz / Low CH / QPSK / FULL RB



REPORT No.: SZ23100334W04



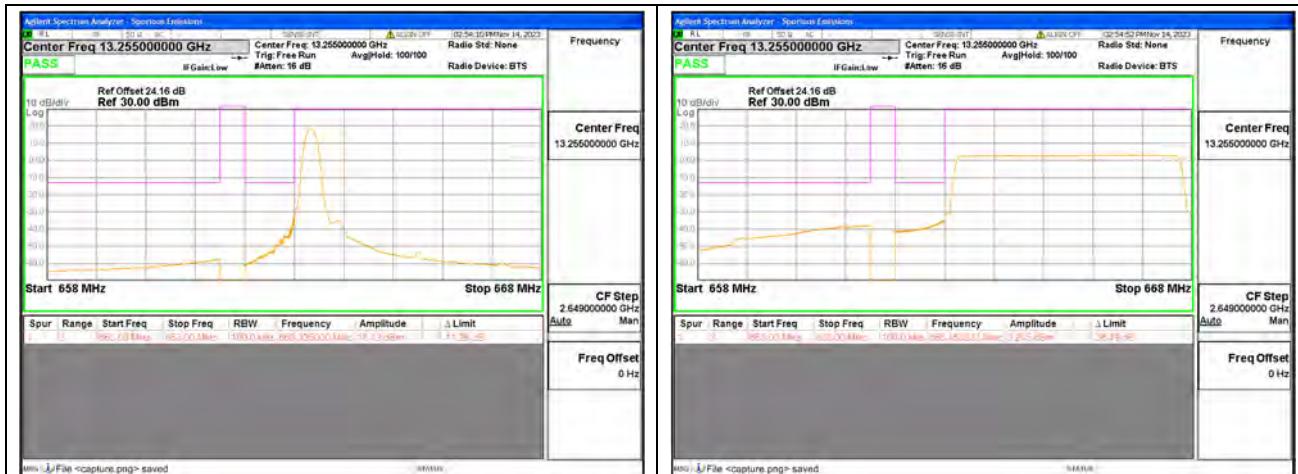
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



B71 / 5MHz / Low CH / QPSK / 1 RB



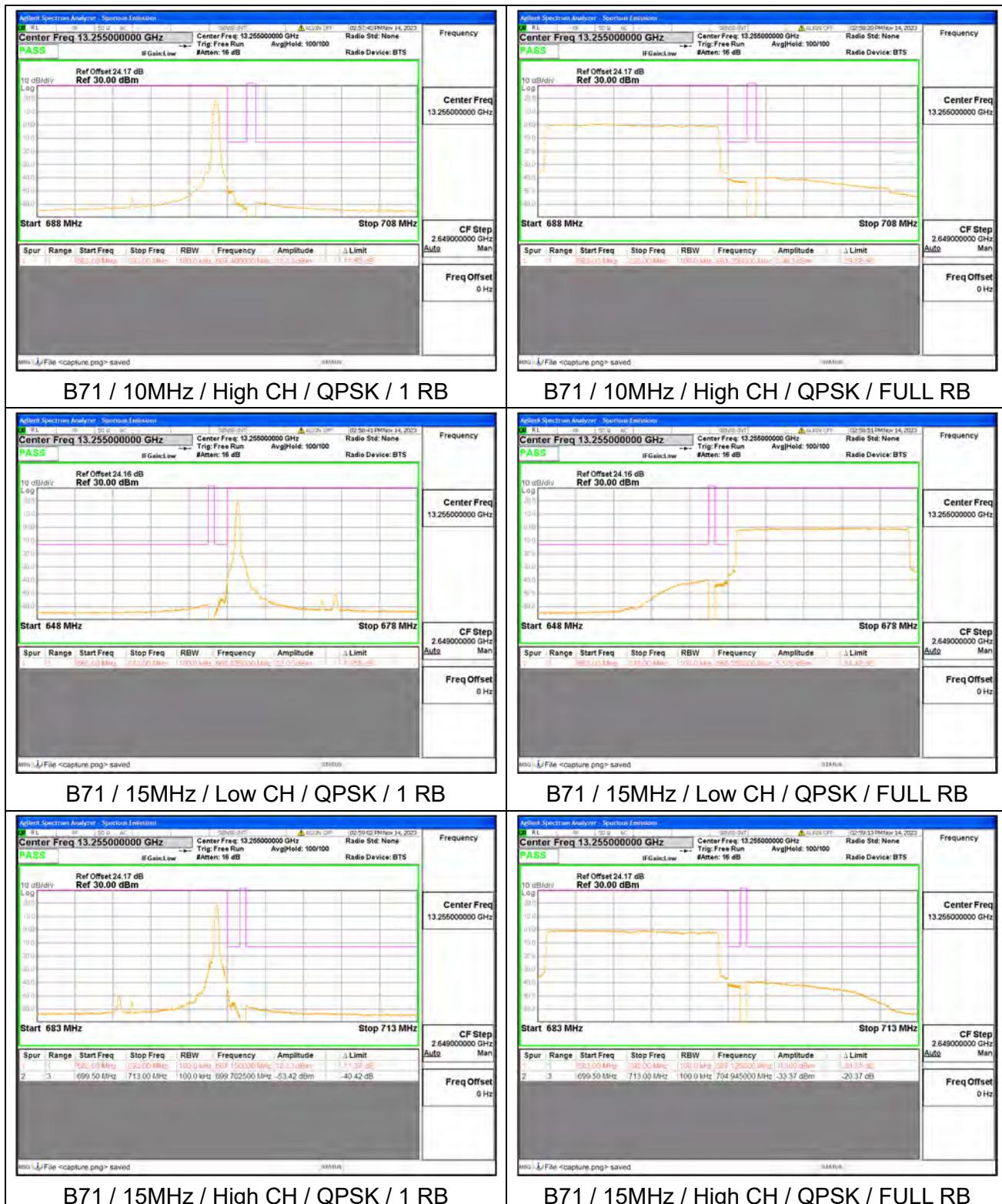
B71 / 5MHz / High CH / QPSK / 1 RB



B71 / 10MHz / Low CH / QPSK / FULL RB



REPORT No.: SZ23100334W04



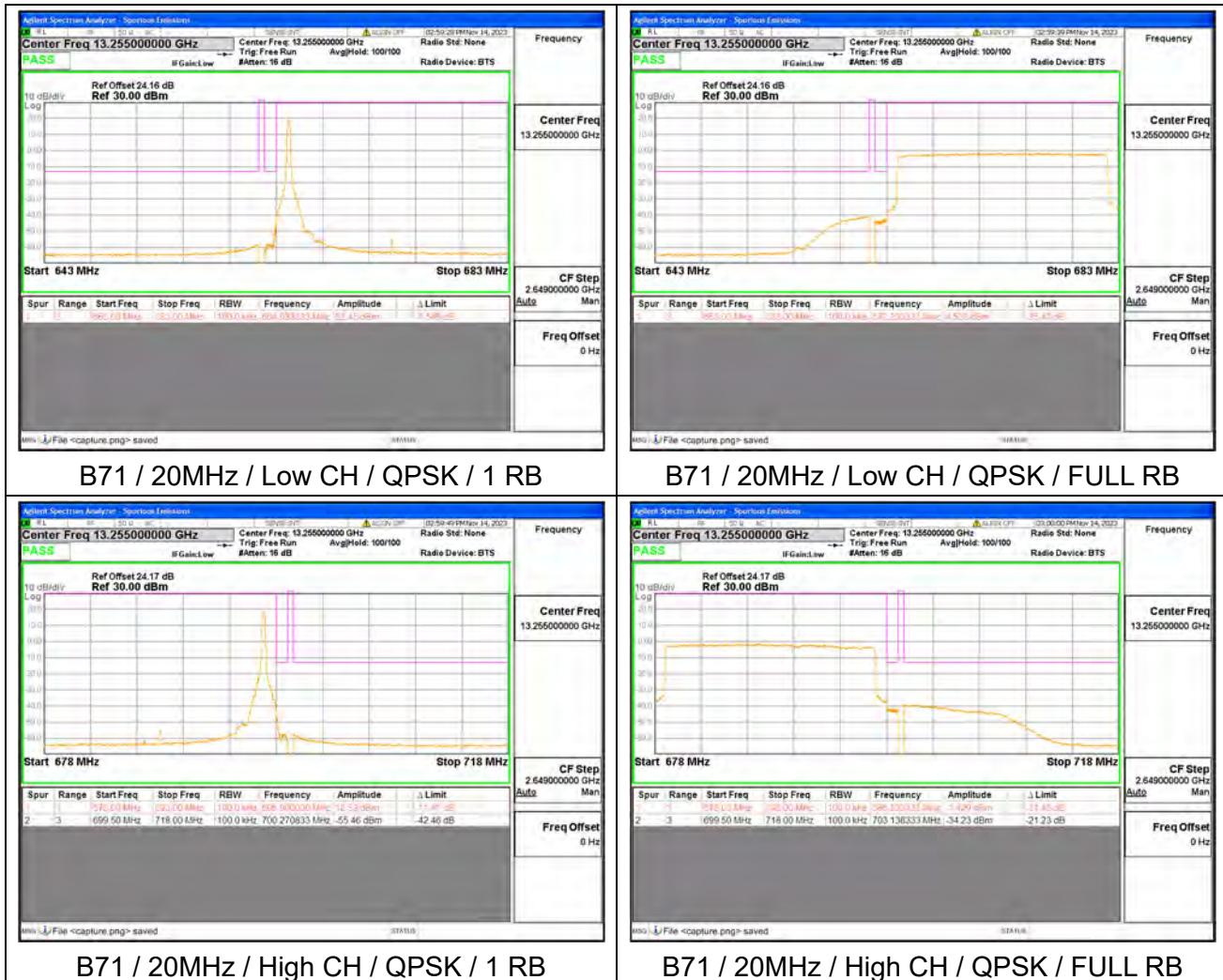
MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



REPORT No.: SZ23100334W04



MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn



2.7. Radiated Spurious Emissions

2.7.1. Requirement

According to FCC section 2.1051, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43+10\log(P)$ dB. This calculated to be -13dBm.

Additional requirement for LTE Band 7, 38, 41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $55 + 10 \log(P)$ dB. This calculated to be -25dBm.

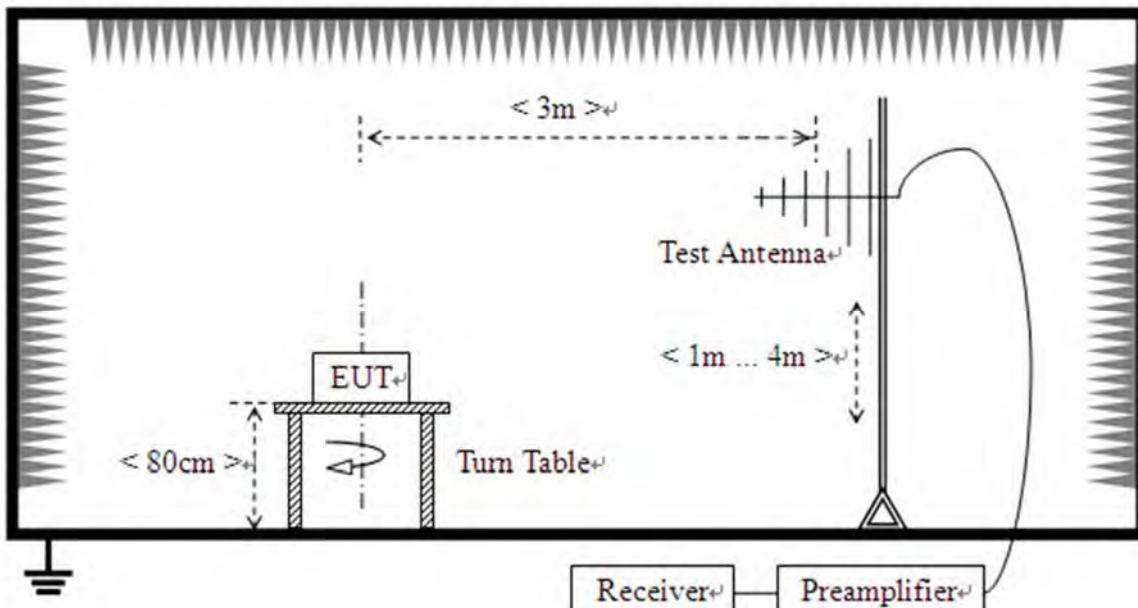
Additional requirement for Band 13

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 (E.I.R.P.) for wideband signals, and -80 dBW E.I.R.P. for discrete emissions of less than 700 Hz bandwidth. This calculated to be -40dBm.

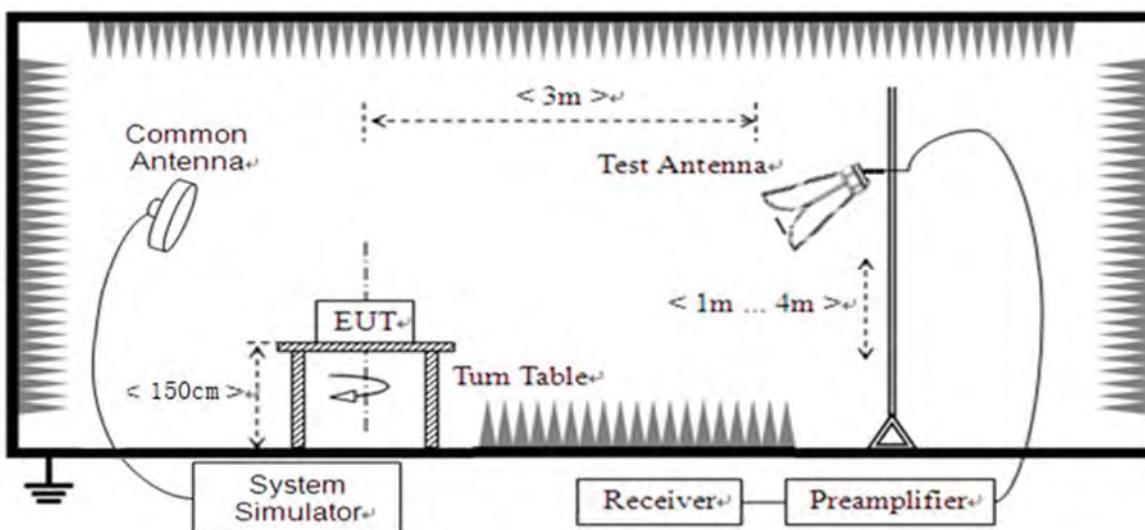
Additional requirement for LTE Band 30

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $70 + 10 \log (P)$ dB. This calculated to be -40dBm.

2.7.2. Test Description



(For the test frequency from 30MHz to 1GHz)



(For the test frequency above 1GHz)

The EUT is located in a 3m Full-Anechoic Chamber, the cable loss, air loss and so on of the site as factors are pre-calibrated using the "Substitution" method, and calculated to correct the reading. A call is established between the EUT and the SS via a Common Antenna. The EUT is commanded by the SS to operate at the maximum and minimum output power, and only the test result of the maximum output power was recorded.

In the frequency range above 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test



REPORT No.: SZ23100334W04

Antenna (above 1GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground and the Turn Table is actuated to turn from 0° to 360°to determine the maximum value of the radiated power. The emission levels at both horizontal and vertical polarizations should be tested. The Filters consists of Notch Filters and High Pass Filter.

Note: When doing measurements above 1GHz, the EUT has been within the 3dB cone width of the horn antenna during horizontal antenna.

2.7.3. Test Procedure

KDB 971168 D01v03 Section 5.8 and ANSI/TIA-603-E-2016.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements.

For measurements above 1GHz (exclude 1559-1610 MHz) the resolution bandwidth is set to 1MHz, the video band width is set to 3MHz for peak measurements.

MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
[Http://www.morlab.cn](http://www.morlab.cn) E-mail: service@morlab.cn



2.7.4. Test Result

The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. The lowest, middle and highest channels are tested to verify the out of band emissions.

The substitution corrections are obtained as described below:

$$A_{SUBST} = P_{SUBST_TX} - P_{SUBST_RX} - L_{SUBST_CABLES} + G_{SUBST_TX_ANT}$$

$$A_{TOT} = L_{CABLES} + A_{SUBST}$$

Where A_{SUBST} is the final substitution correction including receive antenna gain.

P_{SUBST_TX} is signal generator level,

P_{SUBST_RX} is receiver level,

L_{SUBST_CABLES} is cable losses including TX cable,

$G_{SUBST_TX_ANT}$ is substitution antenna gain.

A_{TOT} is total correction factor including cable loss and substitution correction

During the test, the data of A_{TOT} was added in the test spectrum analyze, so spectrum analyze reading is the final values which contain the data of A_{TOT} .

Note1: The power of the EUT transmitting frequency should be ignored.

Note2: All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Note3: All bandwidth and modulation were considered and evaluated respectively by performing full test for each band, only the worst cases (Max Bandwidth and QPSK mode) were recorded in this test report.

Note4: N/A means the frequency is the basic frequency or the base station frequency, they are no need to verdict.



REPORT No.: SZ23100334W04

ANT 0:

LTE Band 2, 20MHz BW, Low Channel, QPSK					
No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	80.440	-68.10	-13.00	Horizontal	PASS
2	1832.333	-30.46	-13.00	Horizontal	N/A
3	1948.219	-32.65	-13.00	Horizontal	N/A
4	4305.510	-49.60	-13.00	Horizontal	PASS
5	8780.724	-39.86	-13.00	Horizontal	PASS
6	16538.134	-28.90	-13.00	Horizontal	PASS

LTE Band 2, 20MHz BW, Low Channel, QPSK					
No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	105.660	-70.34	-13.00	Vertical	PASS
2	1833.613	-41.64	-13.00	Vertical	N/A
3	1937.975	-40.83	-13.00	Vertical	N/A
4	3762.211	-50.27	-13.00	Vertical	PASS
5	7178.833	-40.98	-13.00	Vertical	PASS
6	16465.321	-29.85	-13.00	Vertical	PASS

MORLAB

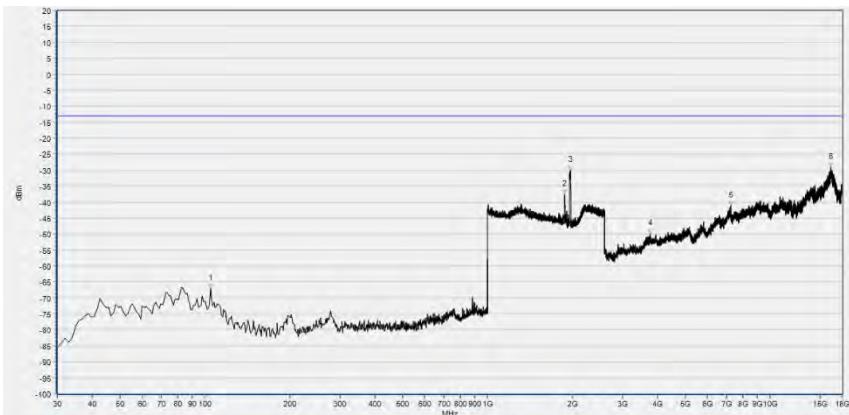
Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn

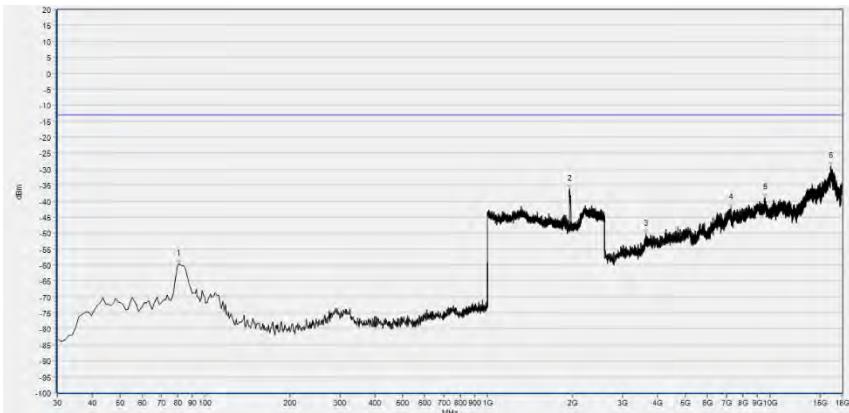


REPORT No.: SZ23100334W04

LTE Band 2, 20MHz BW, Mid Channel, QPSK



No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	104.690	-67.23	-13.00	Horizontal	PASS
2	1877.151	-37.68	-13.00	Horizontal	N/A
3	1957.823	-29.96	-13.00	Horizontal	N/A
4	3756.610	-50.02	-13.00	Horizontal	PASS
5	7254.446	-41.30	-13.00	Horizontal	PASS
6	16445.717	-29.20	-13.00	Horizontal	PASS



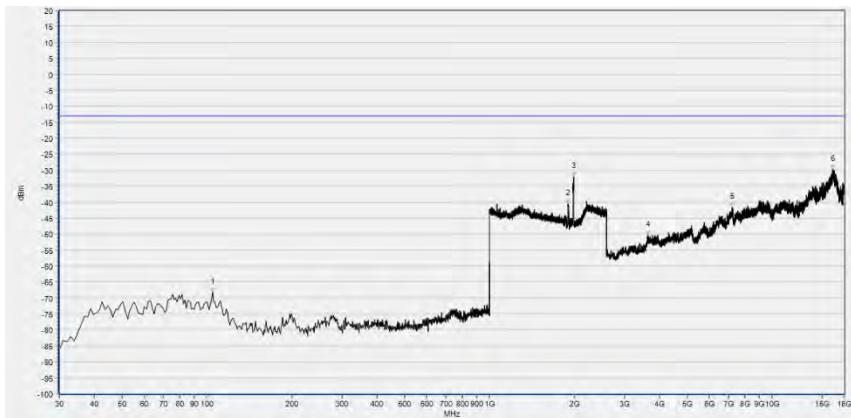
No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	80.440	-59.82	-13.00	Vertical	PASS
2	1951.421	-36.30	-13.00	Vertical	N/A
3	3641.789	-50.46	-13.00	Vertical	PASS
4	7254.446	-42.05	-13.00	Vertical	PASS
5	9587.270	-39.00	-13.00	Vertical	PASS
6	16386.907	-29.21	-13.00	Vertical	PASS

MORLAB

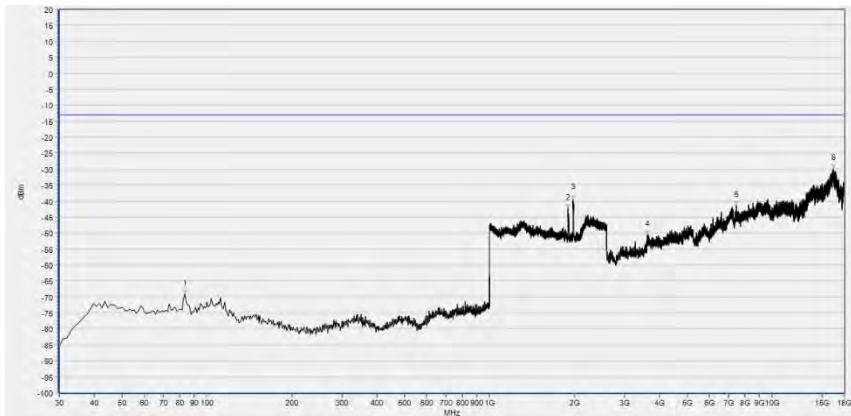
Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
[Http://www.morlab.cn](http://www.morlab.cn) E-mail: service@morlab.cn

LTE Band 2, 20MHz BW, High Channel, QPSK

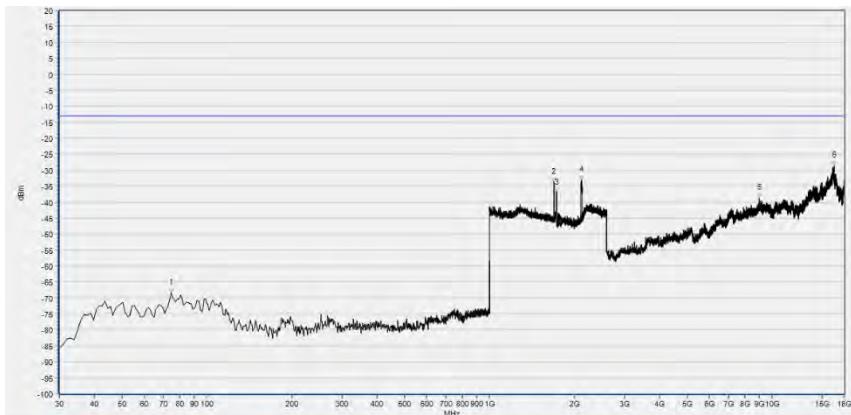


No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	104.690	-68.37	-13.00	Horizontal	PASS
2	1896.359	-40.61	-13.00	Horizontal	N/A
3	1988.555	-32.01	-13.00	Horizontal	N/A
4	3638.989	-50.35	-13.00	Horizontal	PASS
5	7232.042	-41.67	-13.00	Horizontal	PASS
6	16395.308	-29.89	-13.00	Horizontal	PASS

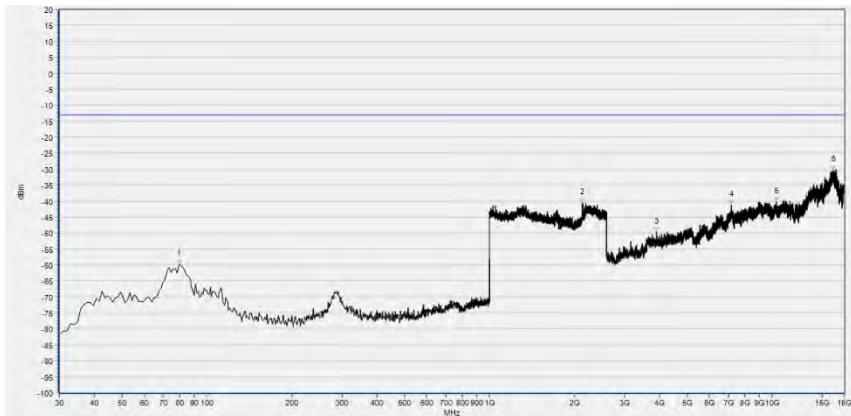


No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	83.350	-69.13	-13.00	Vertical	PASS
2	1898.279	-42.28	-13.00	Vertical	N/A
3	1978.311	-39.72	-13.00	Vertical	N/A
4	3608.183	-50.54	-13.00	Vertical	PASS
5	7461.684	-41.44	-13.00	Vertical	PASS
6	16465.321	-29.79	-13.00	Vertical	PASS

LTE Band 4, 20MHz BW, Low Channel, QPSK

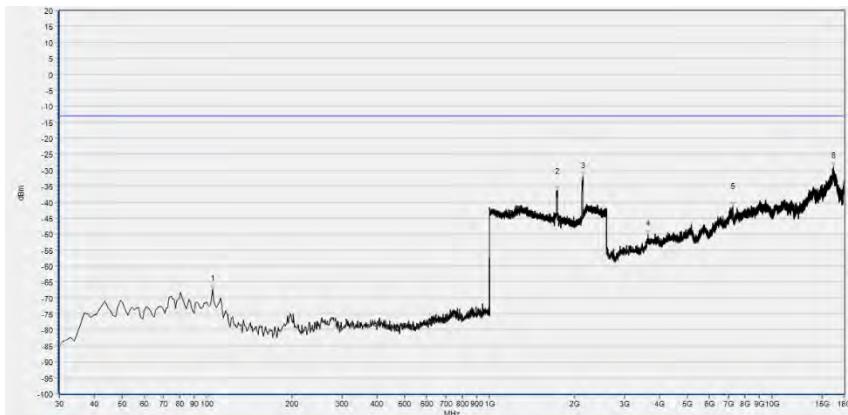


No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	74.620	-68.45	-13.00	Horizontal	PASS
2	1692.117	-33.85	-13.00	Horizontal	N/A
3	1727.331	-37.25	-13.00	Horizontal	N/A
4	2112.125	-33.30	-13.00	Horizontal	N/A
5	9027.169	-38.74	-13.00	Horizontal	PASS
6	16552.137	-28.69	-13.00	Horizontal	PASS

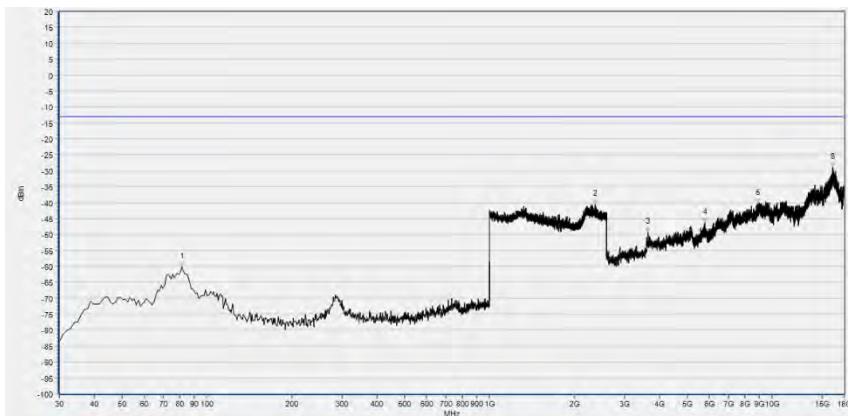


No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	79.470	-59.83	-13.00	Vertical	PASS
2	2120.174	-40.65	-13.00	Vertical	N/A
3	3896.636	-49.81	-13.00	Vertical	PASS
4	7178.833	-41.14	-13.00	Vertical	PASS
5	10346.208	-40.43	-13.00	Vertical	PASS
6	16459.720	-30.25	-13.00	Vertical	PASS

LTE Band 4, 20MHz BW, Mid Channel, QPSK

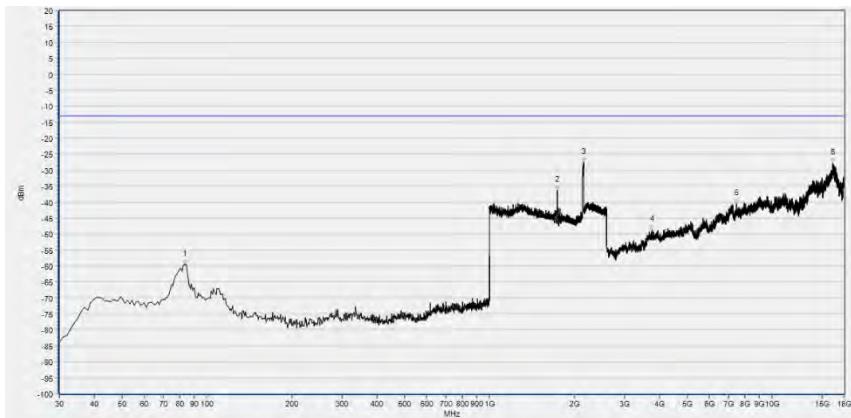


No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	104.690	-67.39	-13.00	Horizontal	PASS
2	1734.374	-36.22	-13.00	Horizontal	N/A
3	2139.656	-32.16	-13.00	Horizontal	N/A
4	3641.789	-50.23	-13.00	Horizontal	PASS
5	7248.845	-41.54	-13.00	Horizontal	PASS
6	16535.334	-28.85	-13.00	Horizontal	PASS

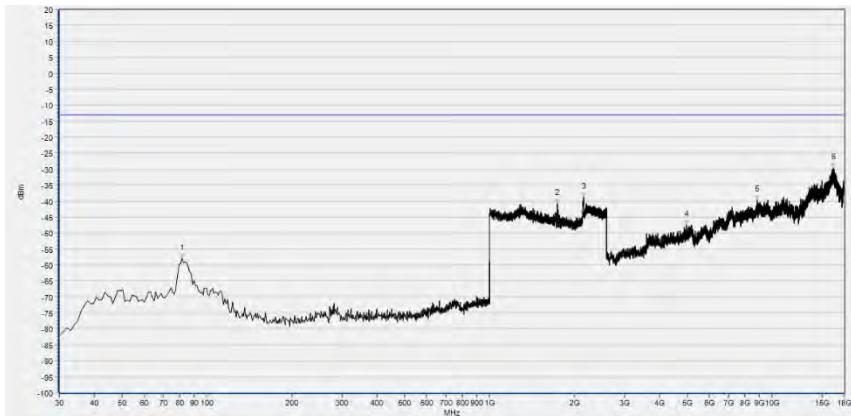


No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	81.410	-60.19	-13.00	Vertical	PASS
2	2370.148	-40.57	-13.00	Vertical	PASS
3	3641.789	-49.26	-13.00	Vertical	PASS
4	5775.777	-46.47	-13.00	Vertical	PASS
5	8915.148	-40.26	-13.00	Vertical	PASS
6	16389.707	-29.01	-13.00	Vertical	PASS

LTE Band 4, 20MHz BW, High Channel, QPSK

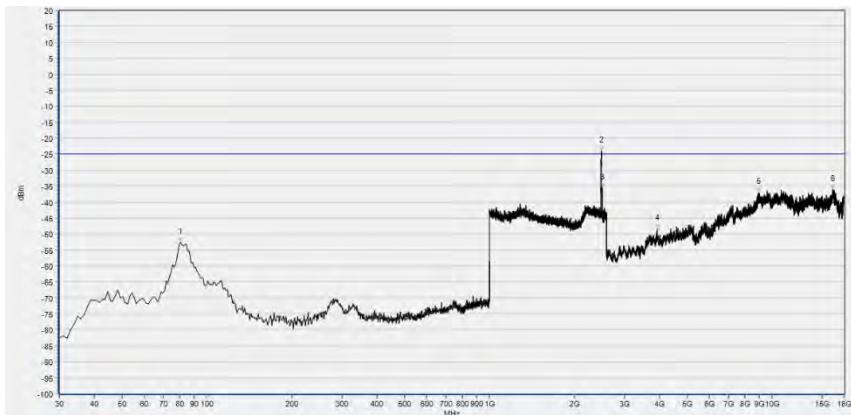


No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	83.350	-59.44	-13.00	Horizontal	PASS
2	1736.935	-36.40	-13.00	Horizontal	N/A
3	2153.101	-27.62	-13.00	Horizontal	N/A
4	3770.613	-48.53	-13.00	Horizontal	PASS
5	7472.886	-40.54	-13.00	Horizontal	PASS
6	16412.111	-27.89	-13.00	Horizontal	PASS

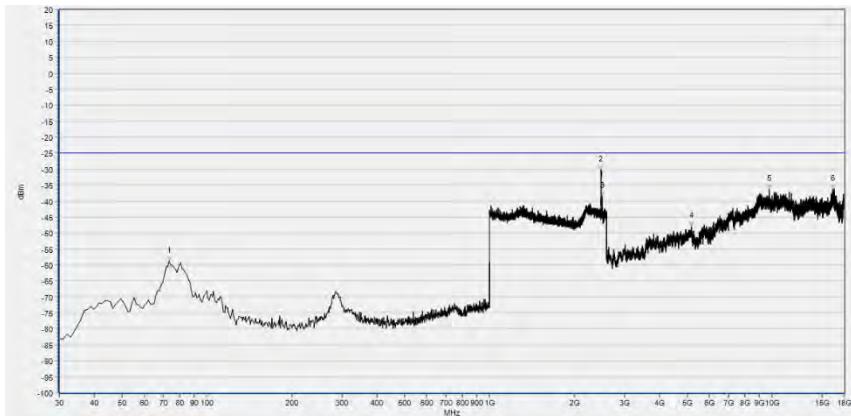


No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	81.410	-58.05	-13.00	Vertical	PASS
2	1736.935	-40.83	-13.00	Vertical	N/A
3	2151.180	-38.80	-13.00	Vertical	N/A
4	4969.231	-47.40	-13.00	Vertical	PASS
5	8836.734	-39.67	-13.00	Vertical	PASS
6	16538.134	-29.71	-13.00	Vertical	PASS

LTE Band 7, 20MHz BW, Low Channel, QPSK

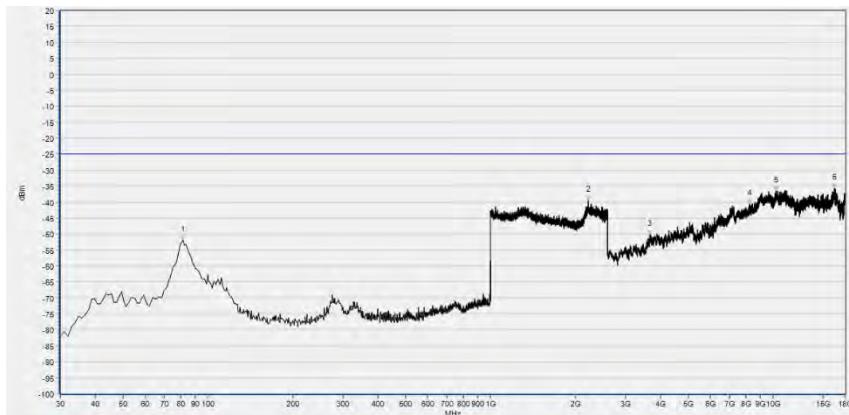


No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	80.440	-52.62	-25.00	Horizontal	PASS
2	2488.595	-23.94	-25.00	Horizontal	N/A
3	2502.041	-35.65	-25.00	Horizontal	N/A
4	3913.439	-48.46	-25.00	Horizontal	PASS
5	8954.355	-37.04	-25.00	Horizontal	PASS
6	16428.914	-36.04	-25.00	Horizontal	PASS

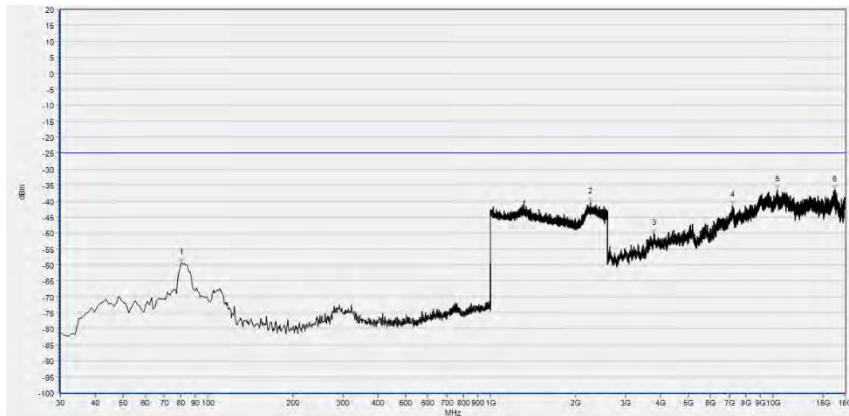


No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	73.650	-58.99	-25.00	Vertical	PASS
2	2484.754	-30.38	-25.00	Vertical	N/A
3	2502.681	-38.63	-25.00	Vertical	N/A
4	5179.269	-48.01	-25.00	Vertical	PASS
5	9774.905	-36.26	-25.00	Vertical	PASS
6	16420.513	-36.26	-25.00	Vertical	PASS

LTE Band 7, 20MHz BW, Mid Channel, QPSK

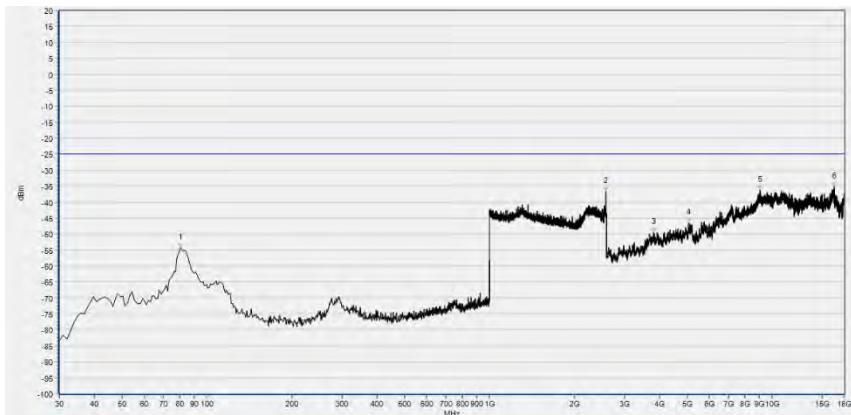


No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	81.410	-52.01	-25.00	Horizontal	PASS
2	2215.206	-39.46	-25.00	Horizontal	PASS
3	3666.994	-50.19	-25.00	Horizontal	PASS
4	8259.829	-40.47	-25.00	Horizontal	PASS
5	10222.986	-36.45	-25.00	Horizontal	PASS
6	16540.935	-35.58	-25.00	Horizontal	PASS

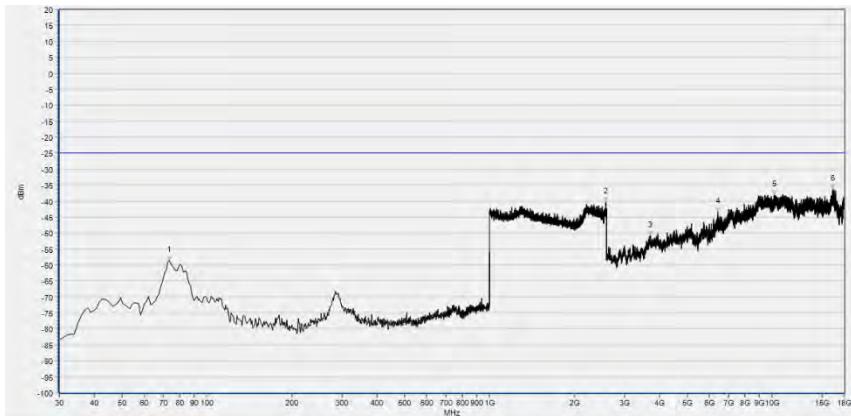


No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	80.440	-59.26	-25.00	Vertical	PASS
2	2254.902	-40.45	-25.00	Vertical	PASS
3	3793.017	-50.06	-25.00	Vertical	PASS
4	7201.237	-41.37	-25.00	Vertical	PASS
5	10351.809	-36.58	-25.00	Vertical	PASS
6	16540.935	-36.61	-25.00	Vertical	PASS

LTE Band 7, 20MHz BW, High Channel, QPSK



No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	80.440	-54.33	-25.00	Horizontal	PASS
2	2583.994	-36.82	-25.00	Horizontal	N/A
3	3809.820	-49.46	-25.00	Horizontal	PASS
4	5053.246	-46.53	-25.00	Horizontal	PASS
5	9088.780	-36.38	-25.00	Horizontal	PASS
6	16554.937	-35.20	-25.00	Horizontal	PASS

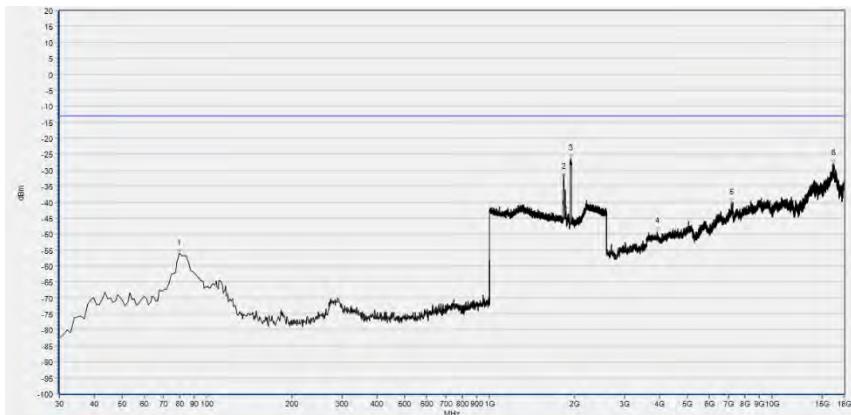


No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	73.650	-58.61	-25.00	Vertical	PASS
2	2584.634	-40.31	-25.00	Vertical	N/A
3	3692.199	-50.81	-25.00	Vertical	PASS
4	6433.897	-43.44	-25.00	Vertical	PASS
5	10192.180	-38.11	-25.00	Vertical	PASS
6	16434.515	-36.30	-25.00	Vertical	PASS

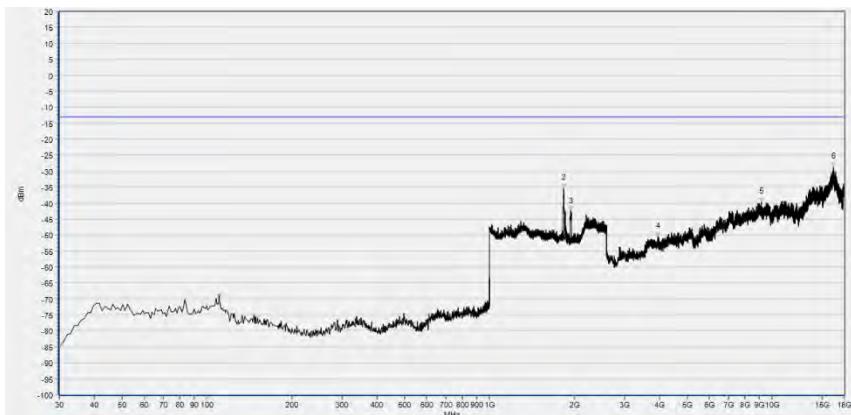


REPORT No.: SZ23100334W04

LTE Band 25, 20MHz BW, Low Channel, QPSK



No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	79.470	-56.21	-13.00	Horizontal	PASS
2	1833.613	-32.31	-13.00	Horizontal	N/A
3	1943.097	-26.45	-13.00	Horizontal	N/A
4	3916.239	-49.29	-13.00	Horizontal	PASS
5	7164.830	-40.34	-13.00	Horizontal	PASS
6	16524.132	-28.12	-13.00	Horizontal	PASS



No.	Fre.(MHz)	PK (dBm)	Limit (dBm)	Antenna	Verdict
1	110.510	-69.87	-13.00	Vertical	PASS
2	1833.613	-35.37	-13.00	Vertical	N/A
3	1945.018	-42.46	-13.00	Vertical	N/A
4	3947.045	-50.67	-13.00	Vertical	PASS
5	9178.396	-39.71	-13.00	Vertical	PASS
6	16451.318	-28.67	-13.00	Vertical	PASS

MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698555
[Http://www.morlab.cn](http://www.morlab.cn) E-mail: service@morlab.cn