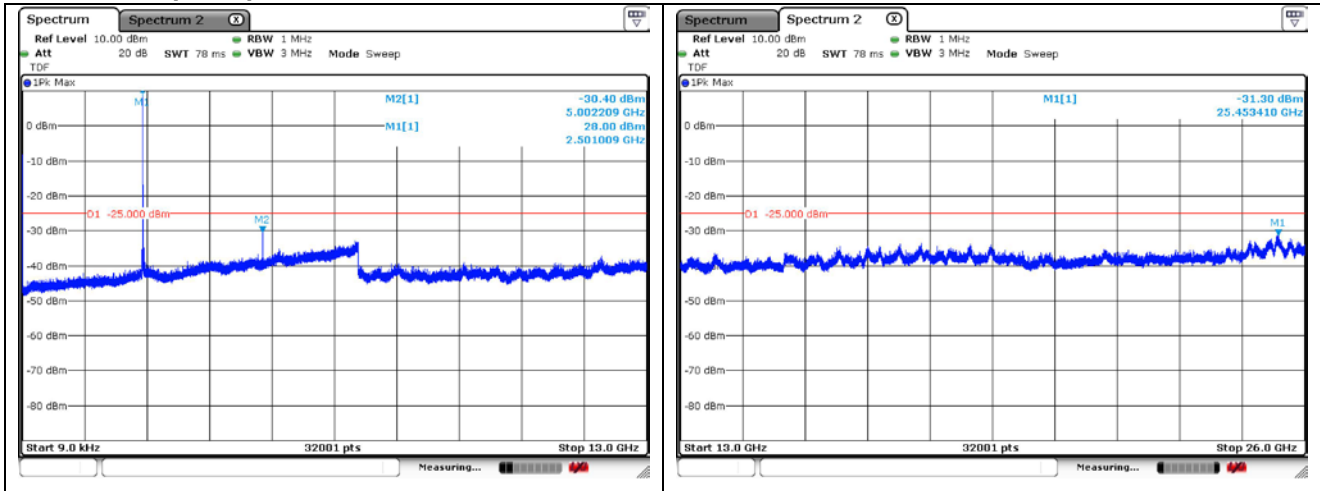
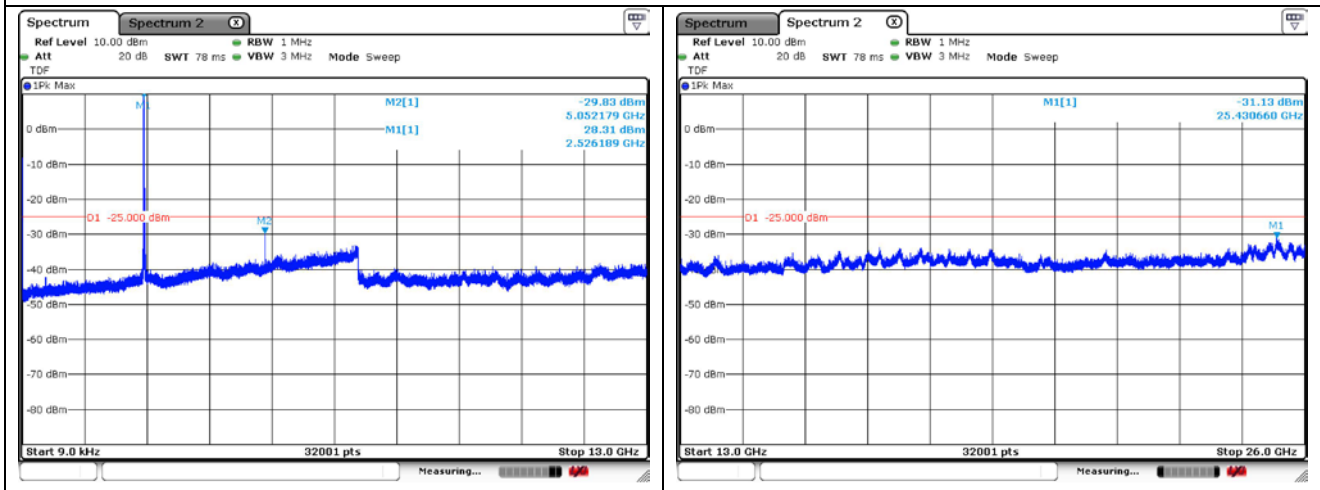


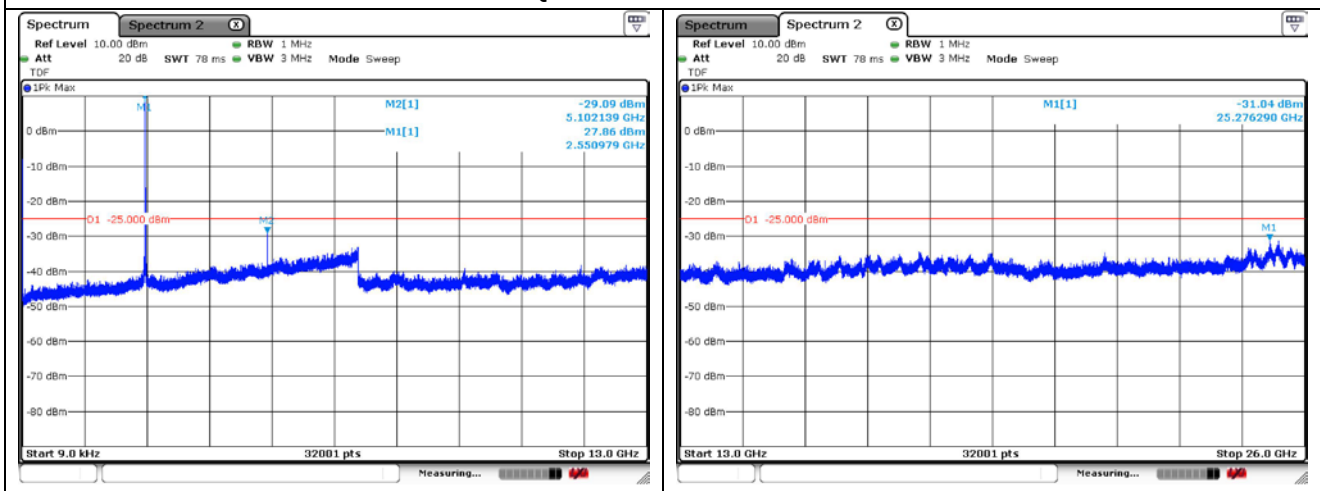
LTE band 7 (20 MHz)



QPSK Low Channel

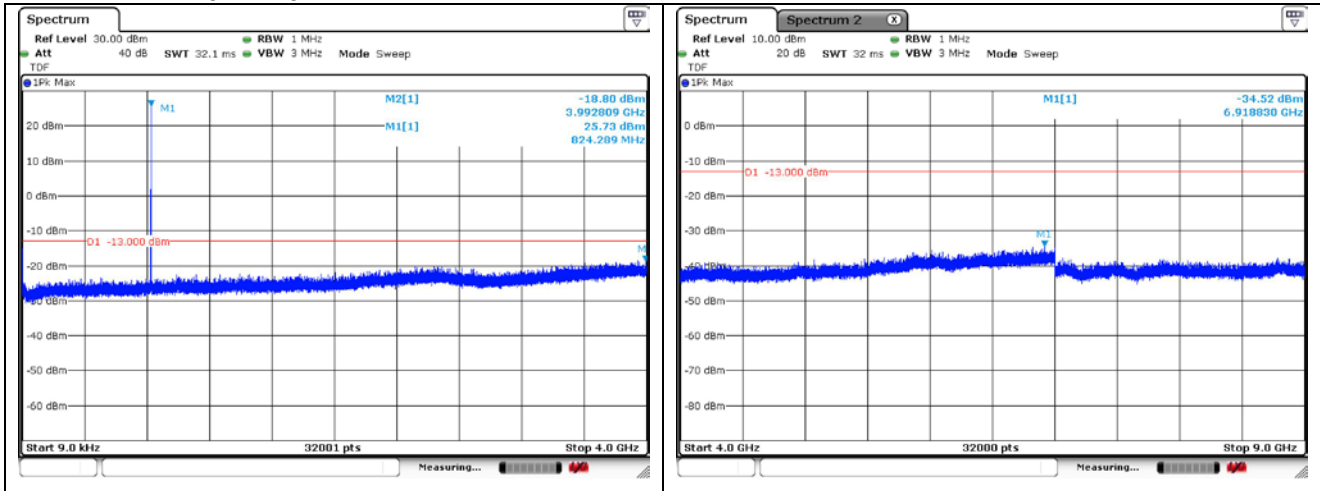


QPSK Middle Channel

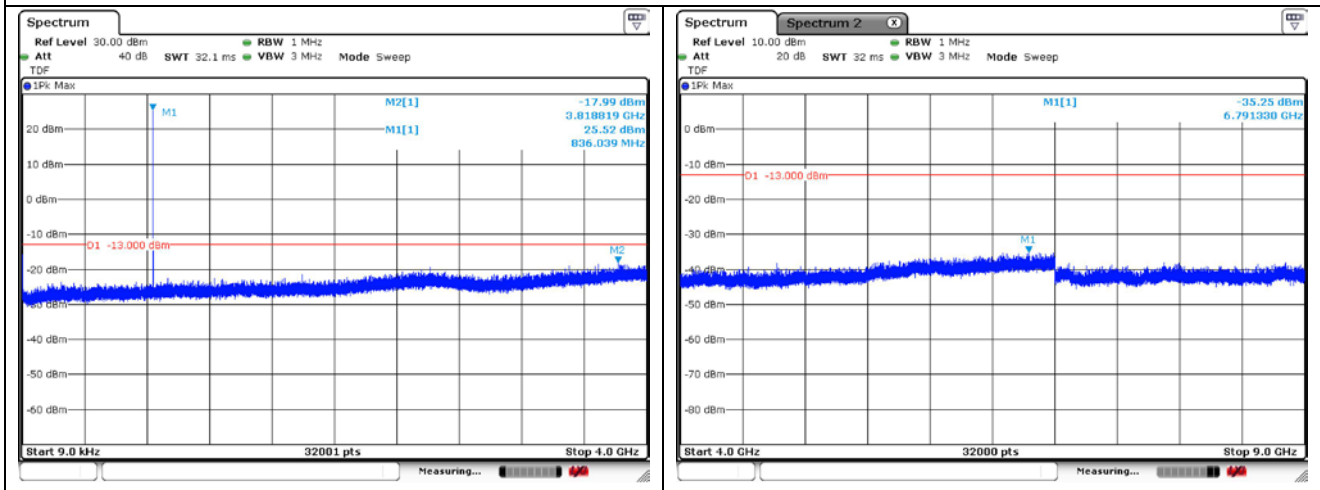


QPSK High Channel

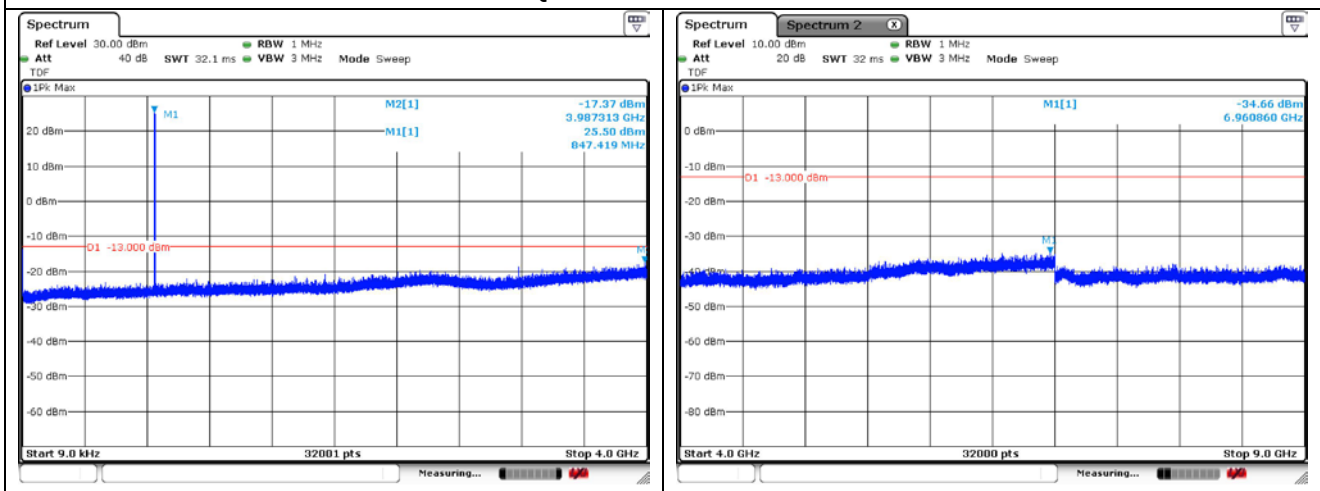
LTE band 26/5 (1.4 MHz)



QPSK Low Channel

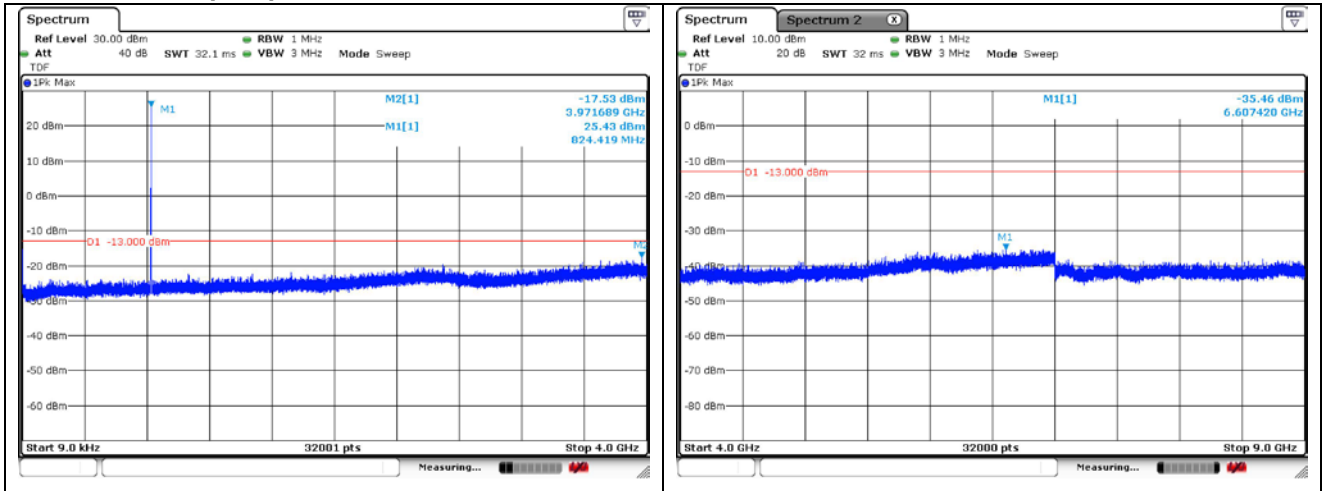


QPSK Middle Channel

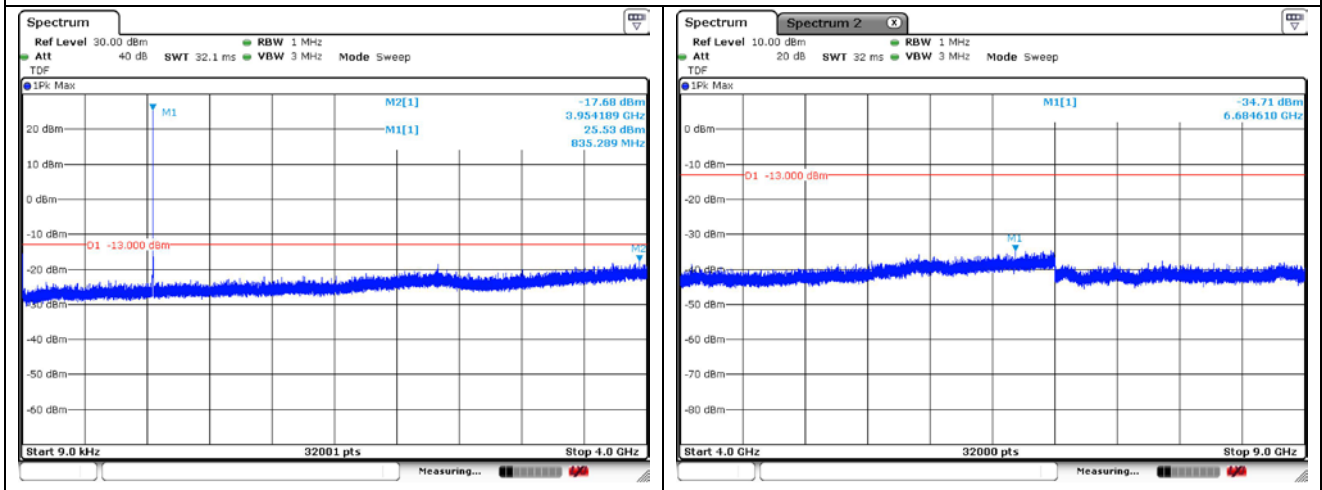


QPSK High Channel

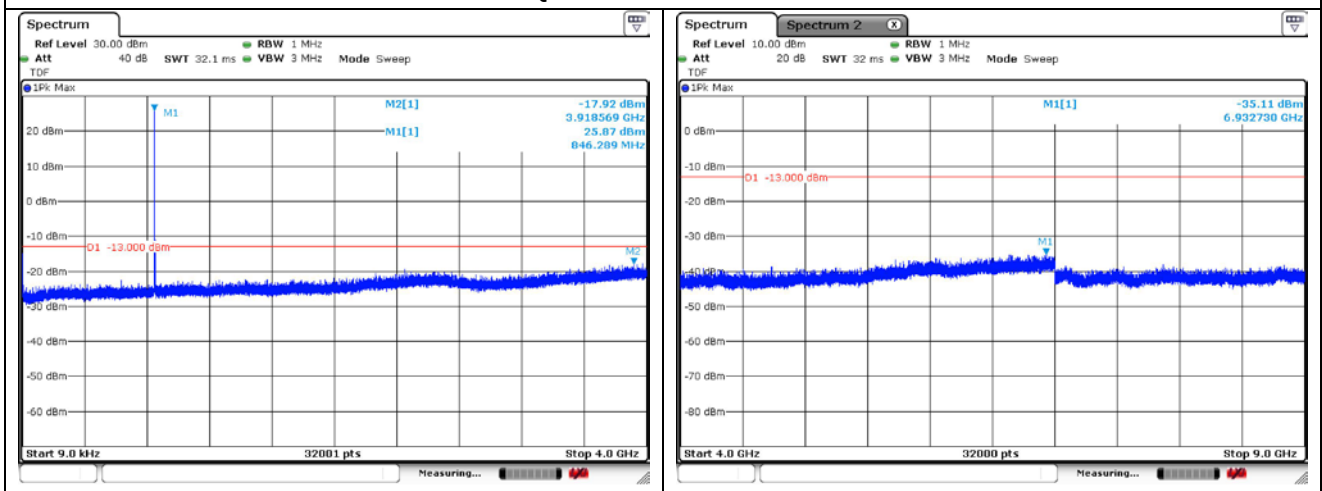
LTE band 26/5 (3 MHz)



QPSK Low Channel

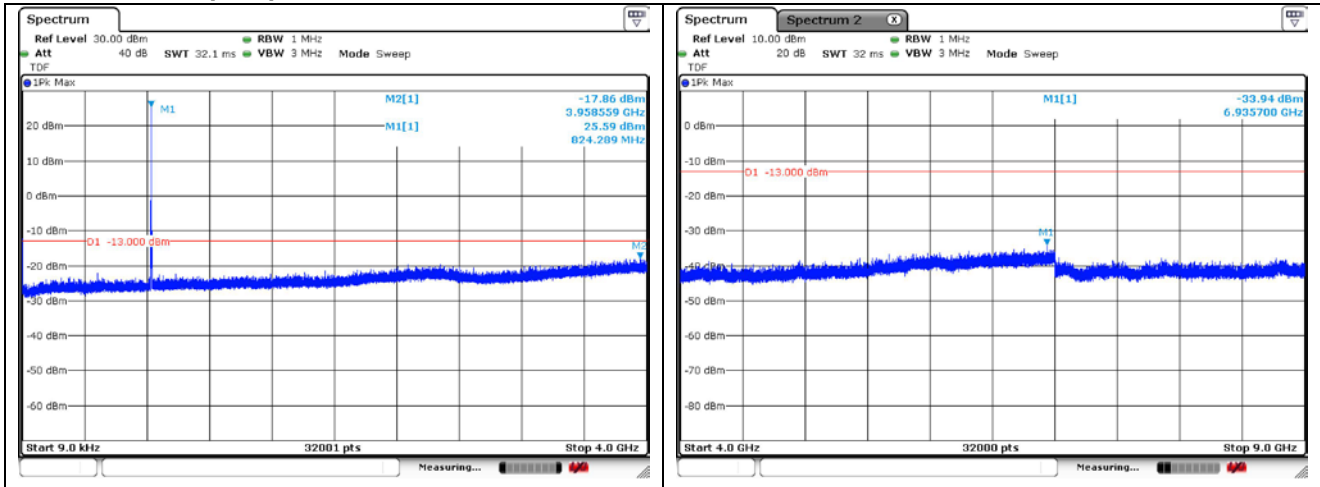


QPSK Middle Channel

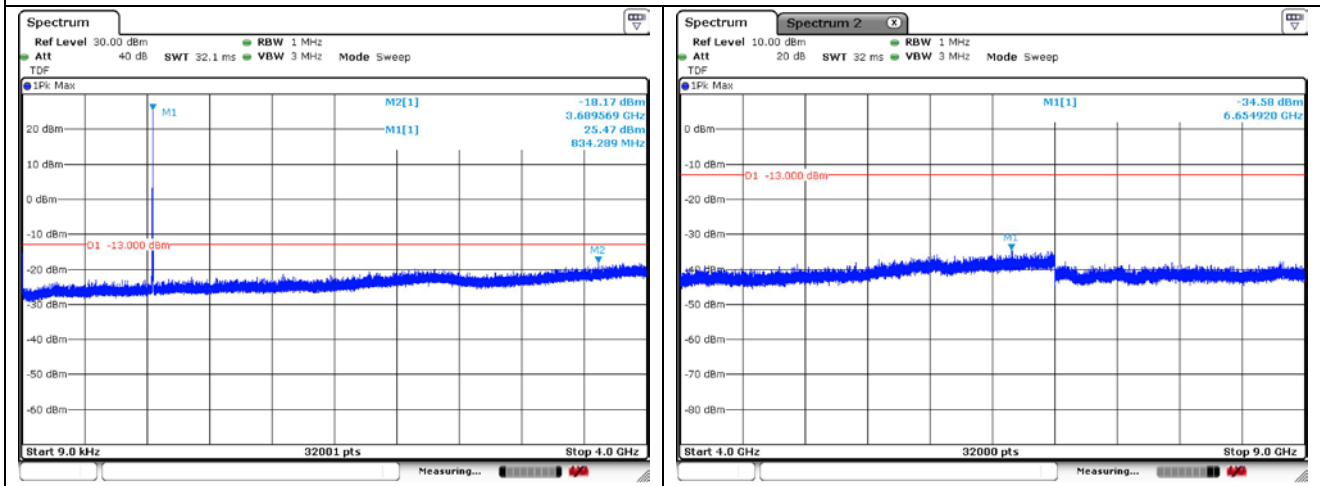


QPSK High Channel

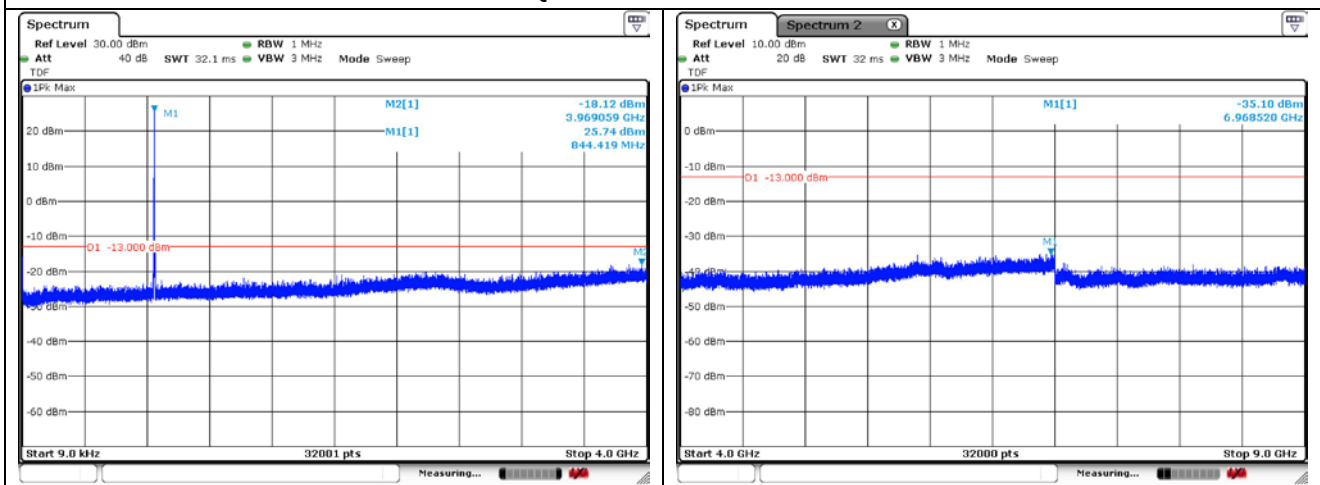
LTE band 26/5 (5 MHz)



QPSK Low Channel

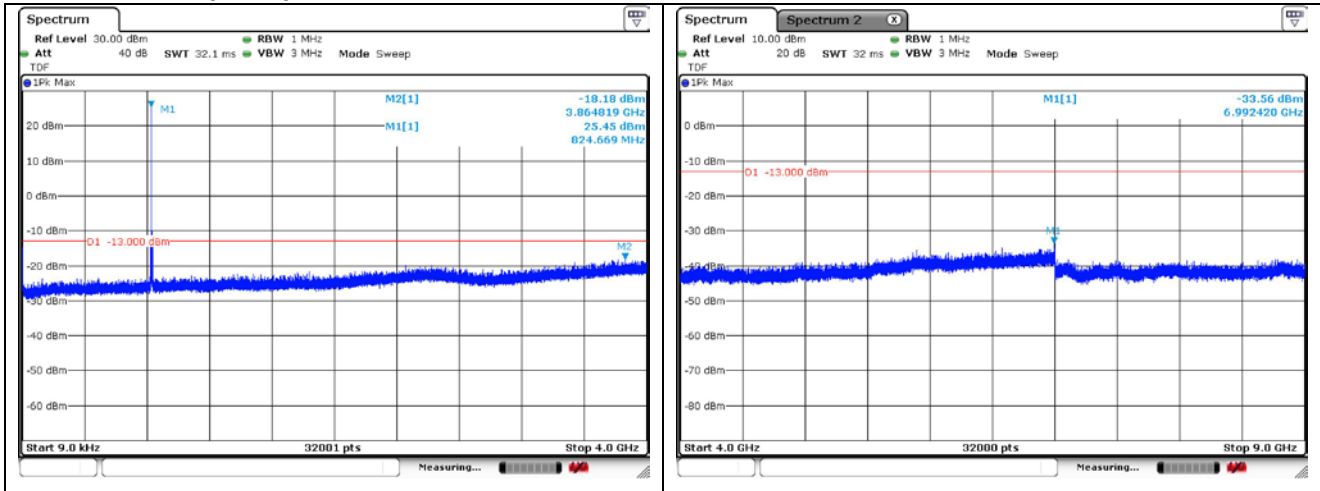


QPSK Middle Channel

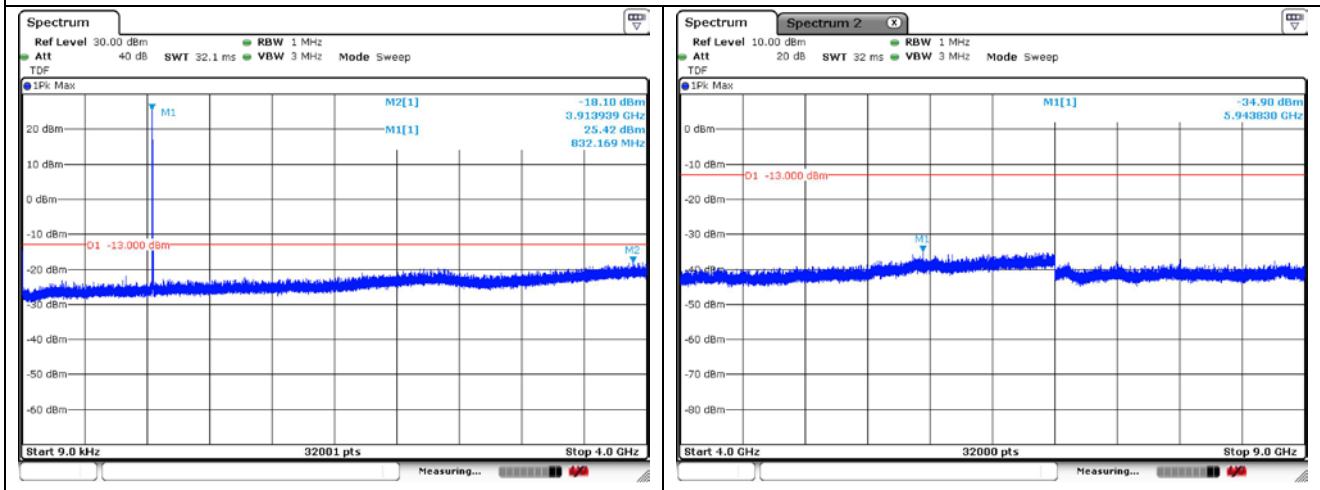


QPSK High Channel

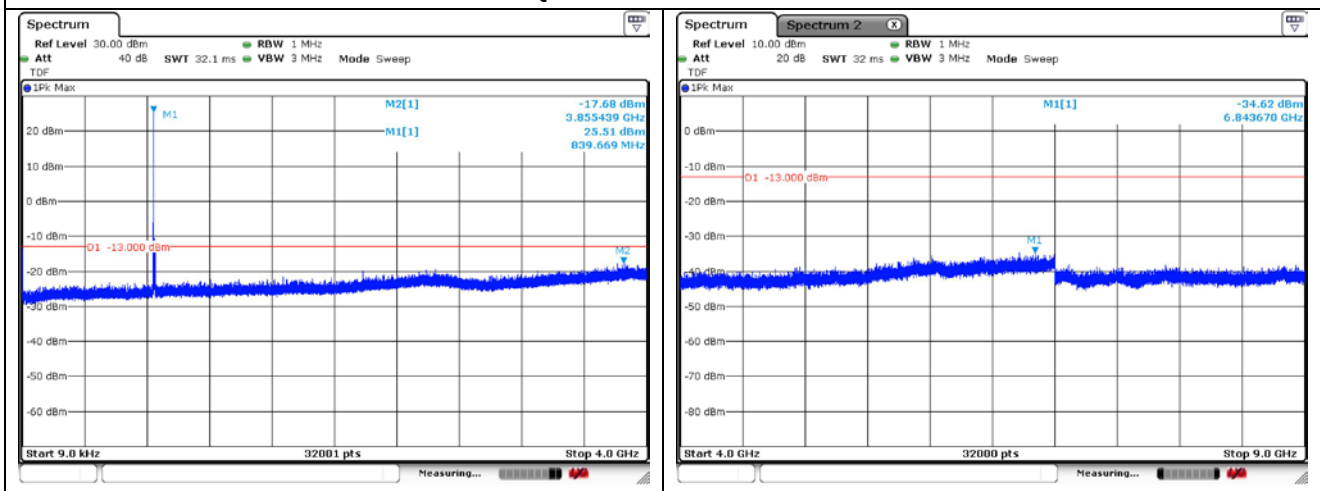
LTE band 26/5 (10 MHz)



QPSK Low Channel

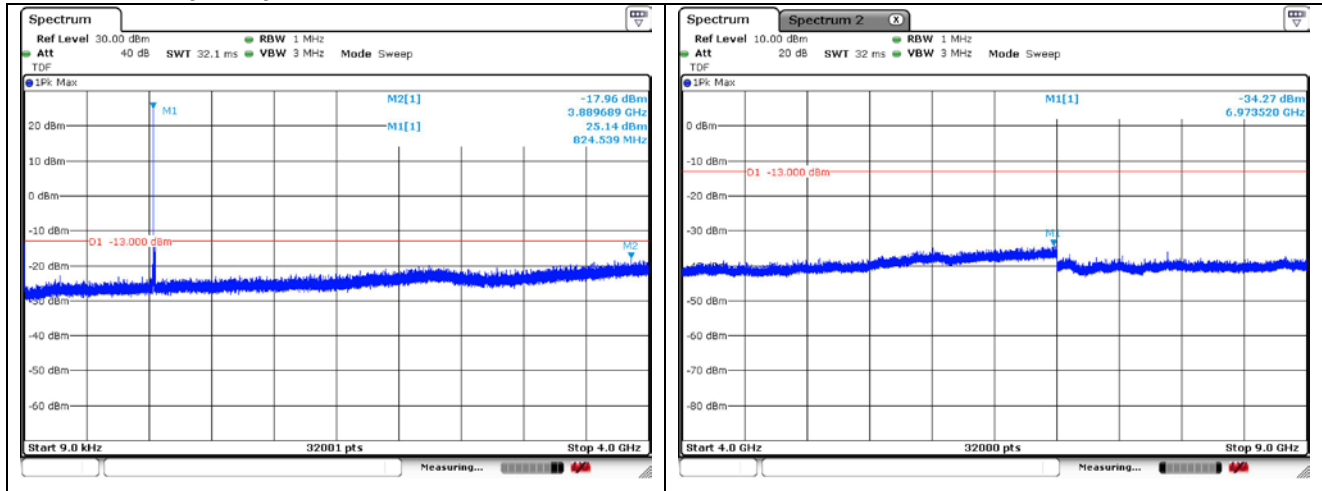


QPSK Middle Channel

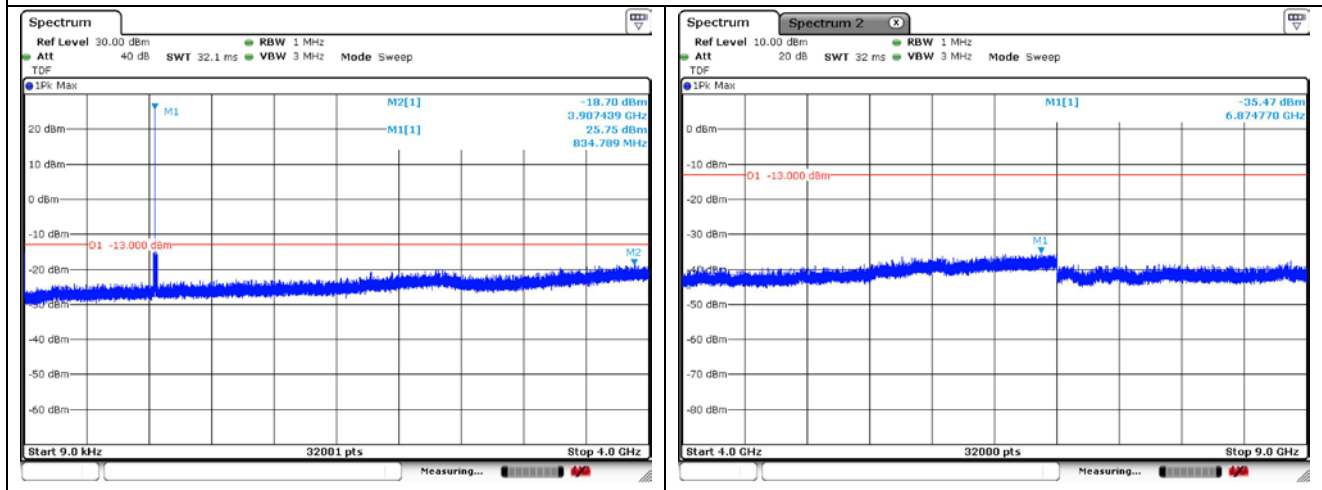


QPSK High Channel

LTE band 26 (15 MHz)



QPSK Low Channel



QPSK High Channel

7. Band Edge

7.1. Limit

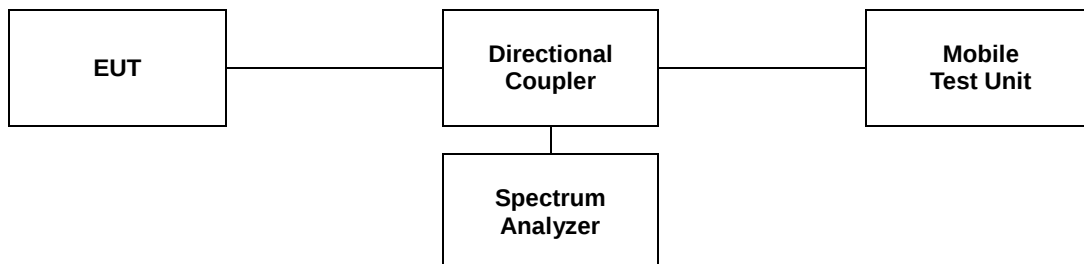
- §22.917(a), the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10\log(P)$ dB.

- §27.53(m)(4), For mobile digital stations, the attenuation factor shall be not less than $40 + 10\log_{10}(P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10\log_{10}(P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10\log_{10}(P)$ 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 $43 + 10\log_{10}(P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10\log_{10}(P)$ 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.

7.2. Test Procedure

The test follows section 5.7 of ANSI C63.26-2015.

- Span was set large enough so as to capture all out of band emissions near the band edge.
- RBW $\geq 1\%$ of OBW
- VBW $\geq 3 \times$ RBW.
- Detector = RMS.
- Trace mode = Average.
- Sweep time = Auto.
- The trace was allowed to stabilize.
- All path loss of frequency range was investigated and compensated to spectrum analyzer as TDF function.

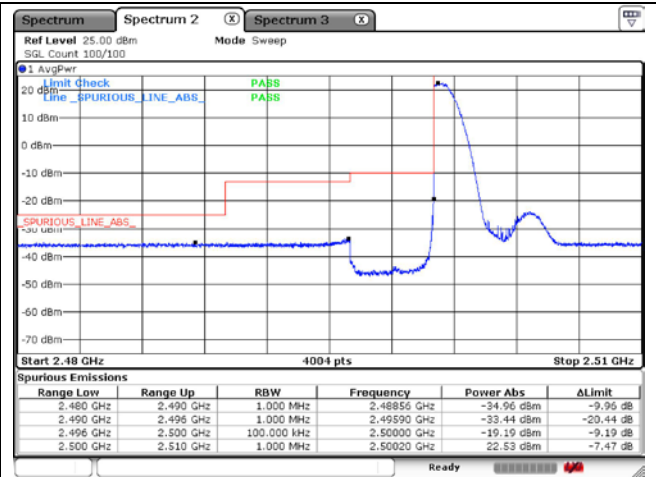
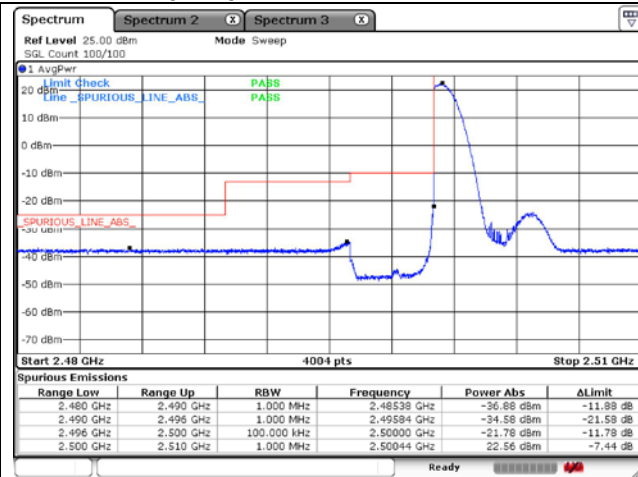


7.3. Test Results

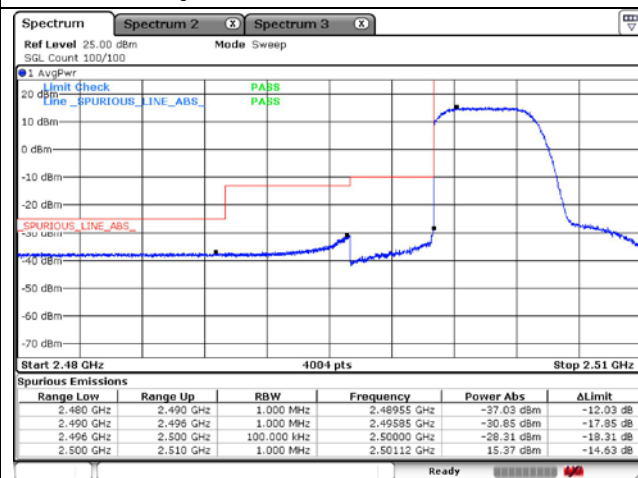
Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

- Test plots

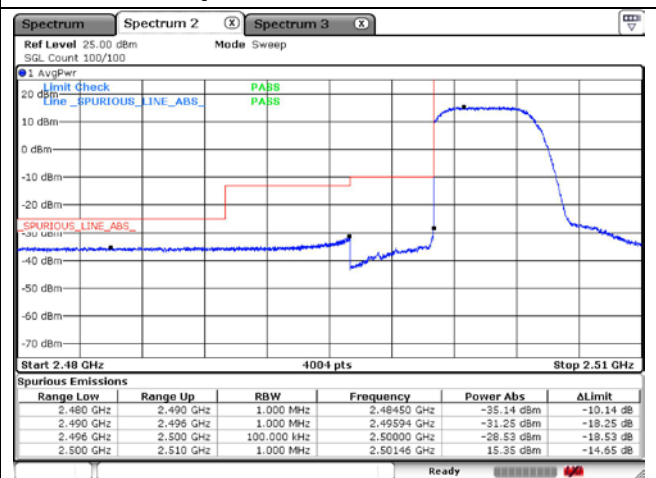
LTE band 7 (5 MHz)



QPSK Low Channel - 1 RB



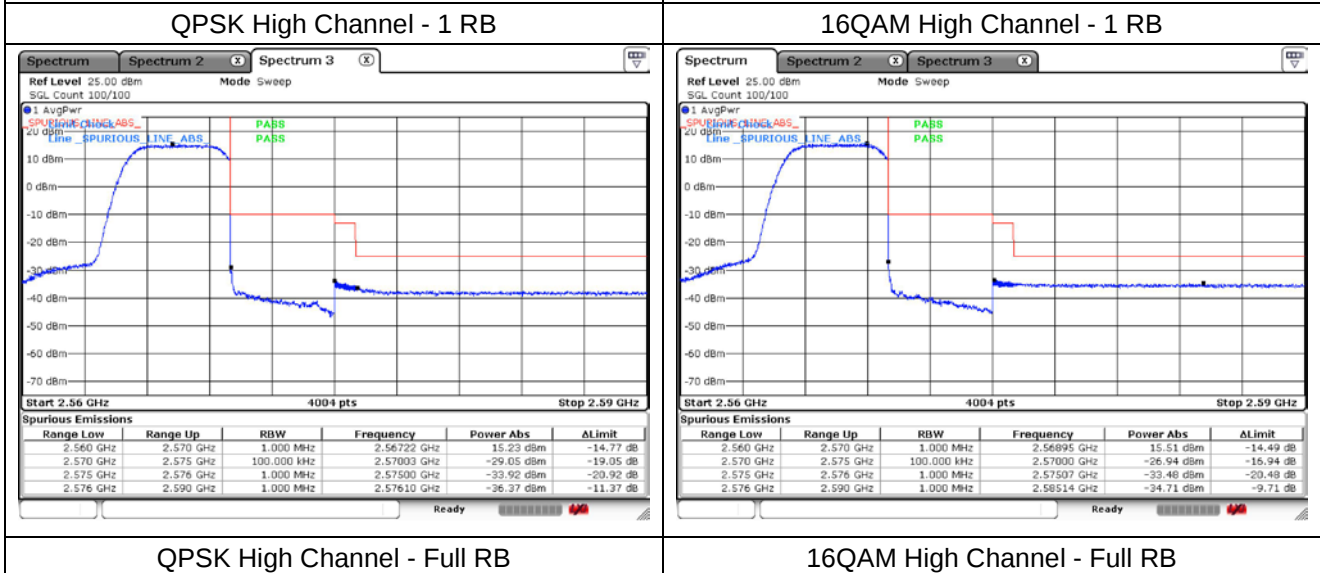
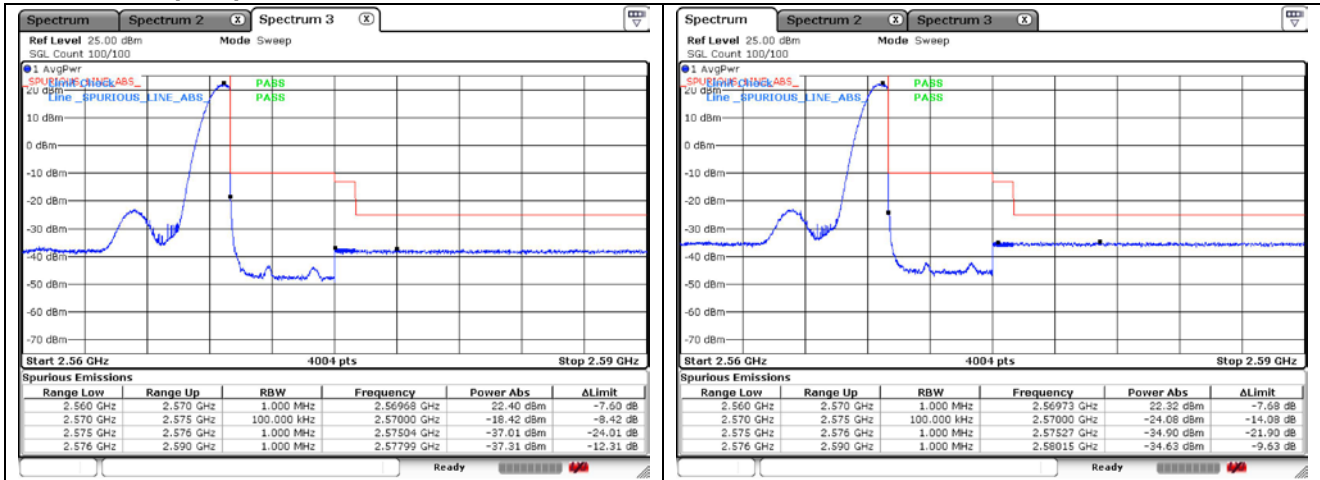
16QAM Low Channel - 1 RB



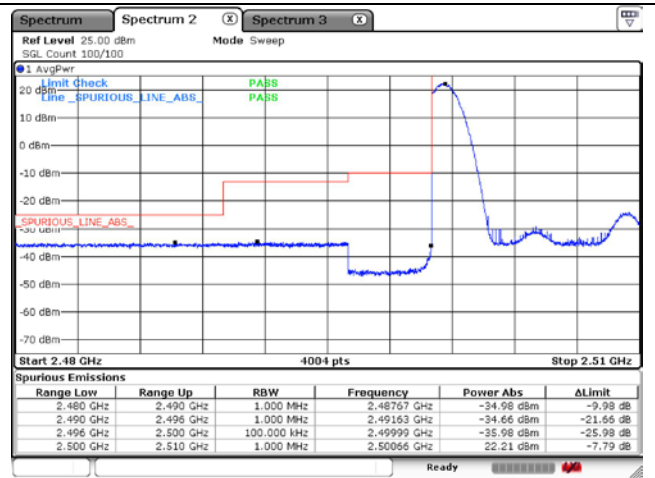
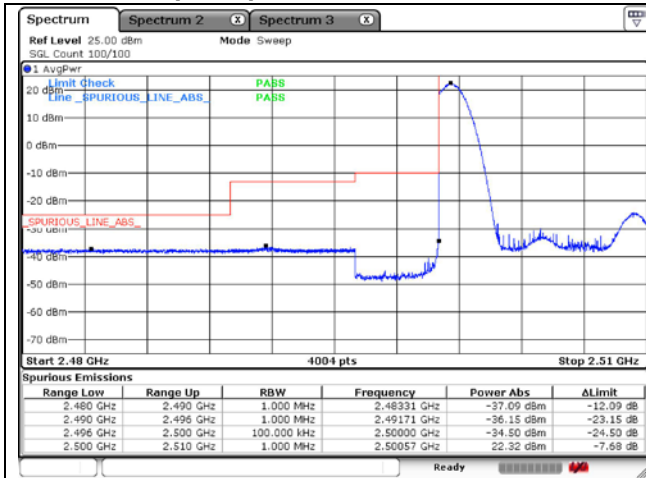
QPSK Low Channel - Full RB

16QAM Low Channel - Full RB

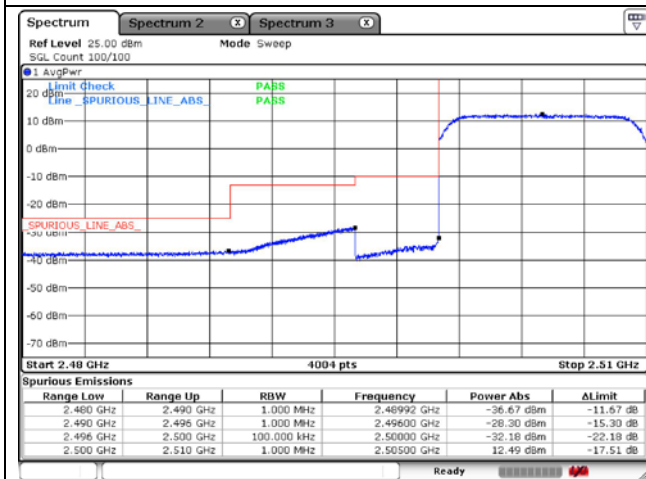
LTE band 7 (5 MHz)



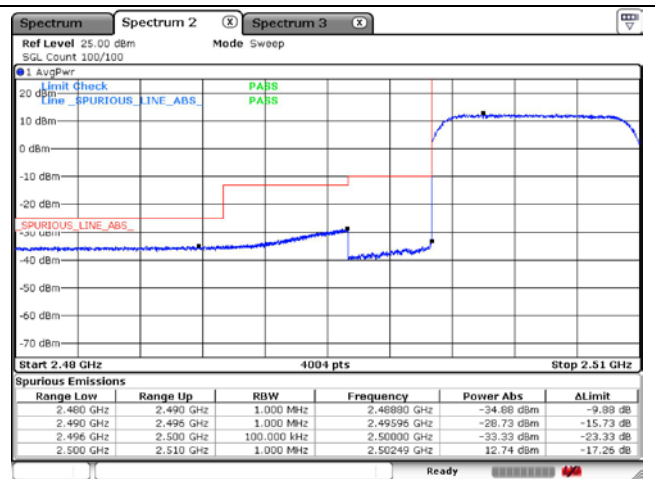
LTE band 7 (10 MHz)



QPSK Low Channel - 1 RB



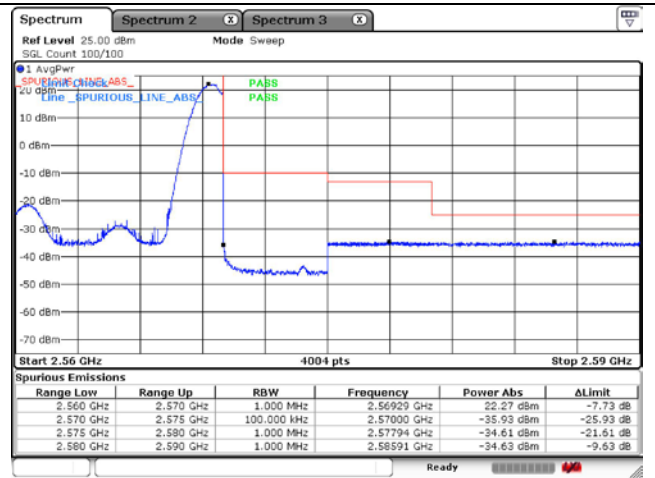
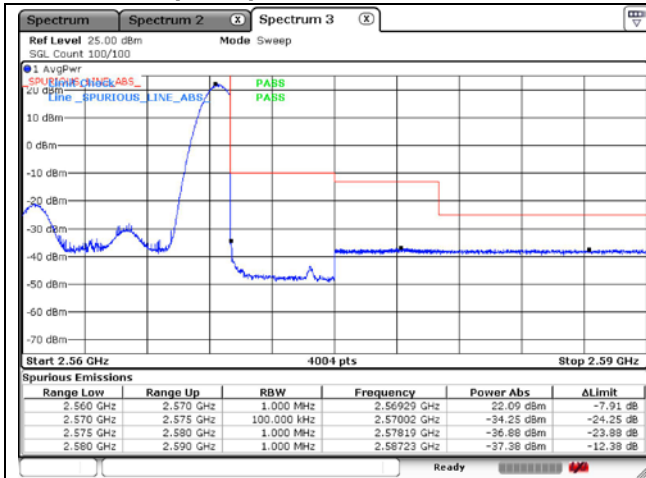
16QAM Low Channel - 1 RB



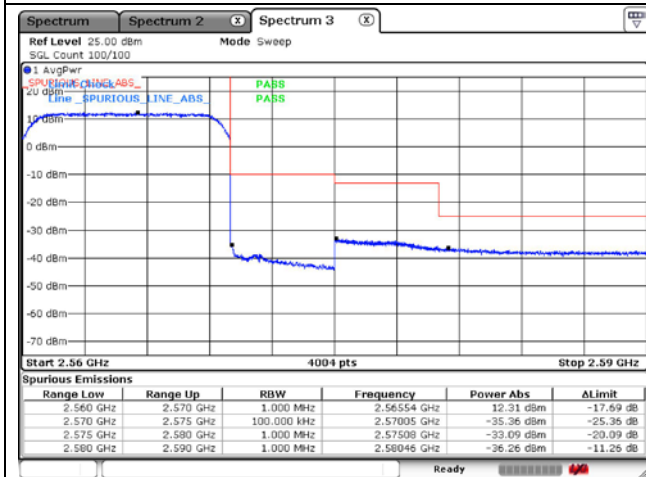
QPSK Low Channel - Full RB

16QAM Low Channel - Full RB

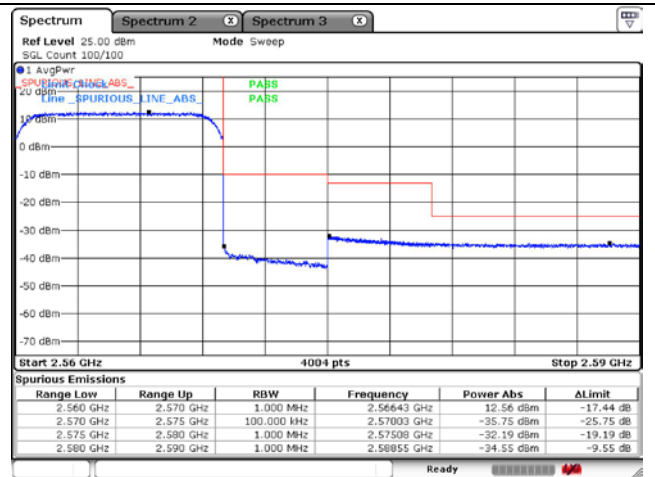
LTE band 7 (10 MHz)



QPSK High Channel - 1 RB



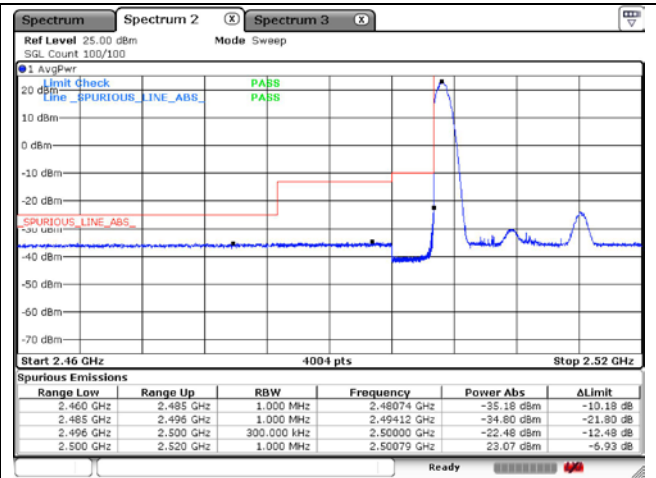
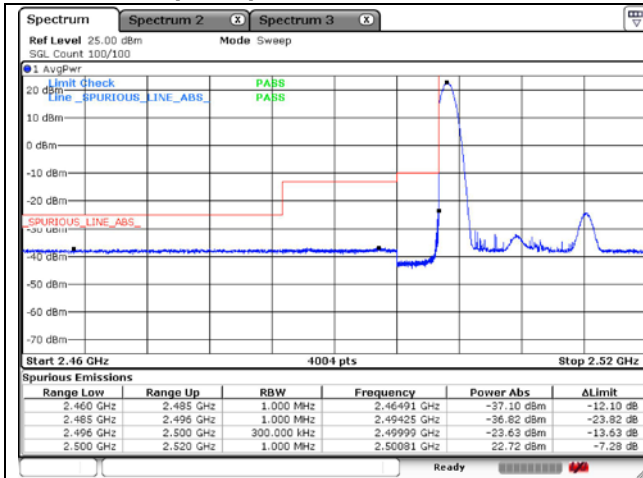
16QAM High Channel - 1 RB



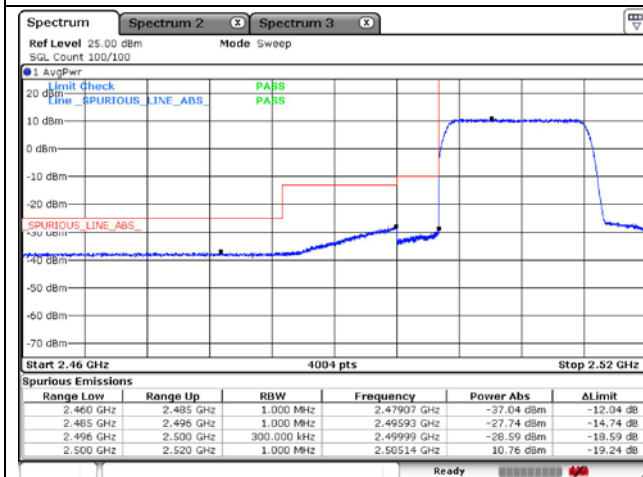
QPSK High Channel - Full RB

16QAM High Channel - Full RB

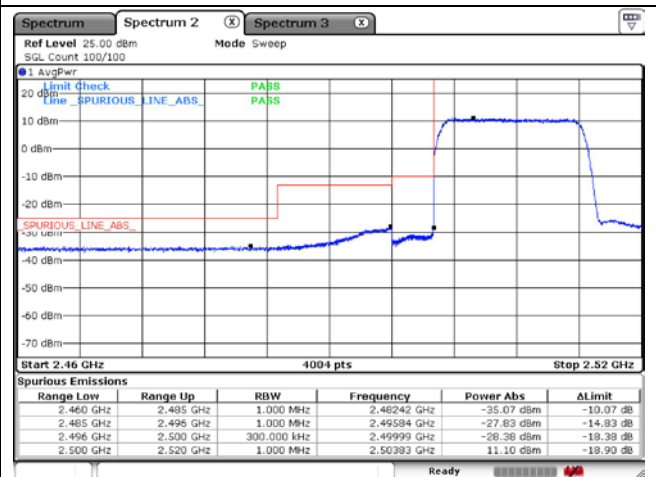
LTE band 7 (15 MHz)



QPSK Low Channel - 1 RB



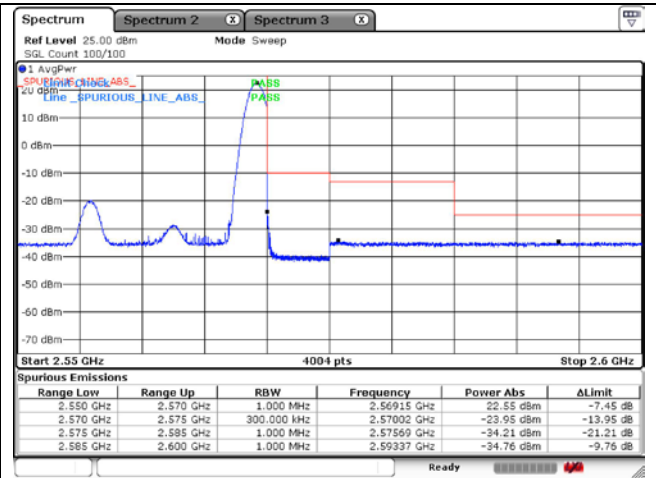
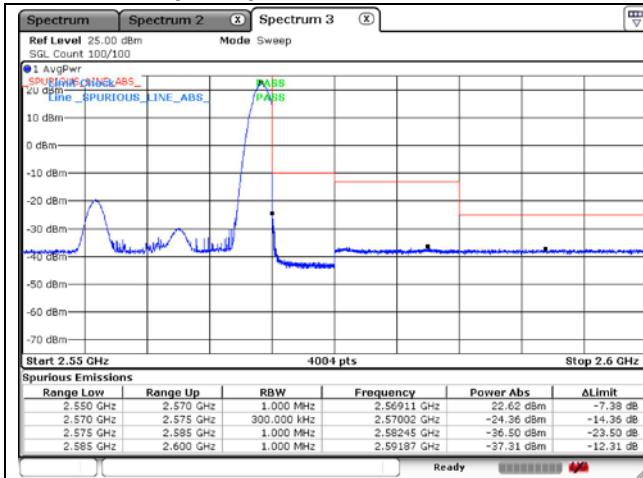
16QAM Low Channel - 1 RB



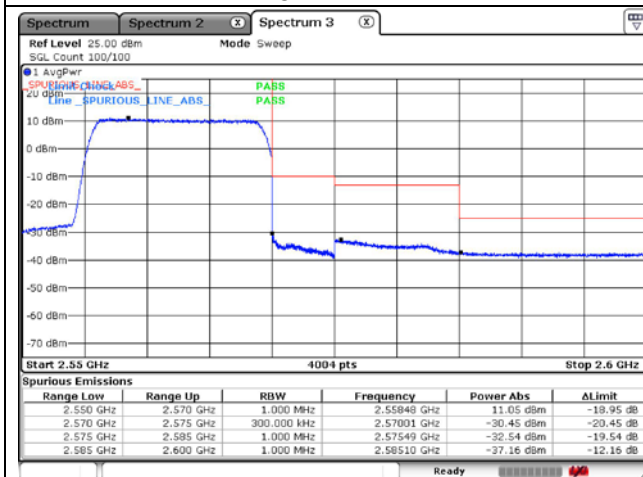
QPSK Low Channel - Full RB

16QAM Low Channel - Full RB

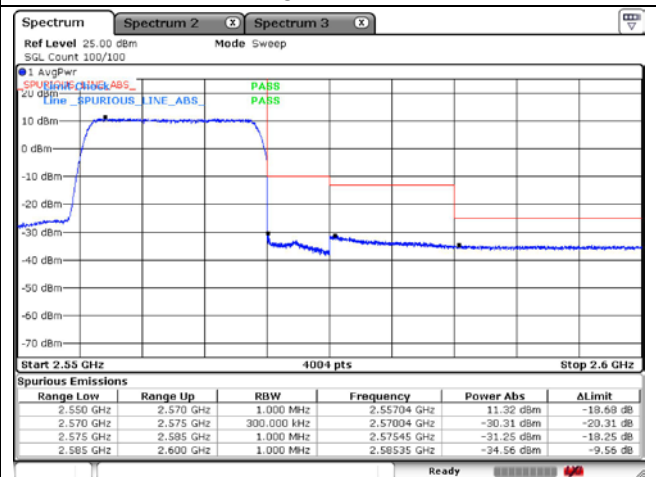
LTE band 7 (15 MHz)



QPSK High Channel - 1 RB



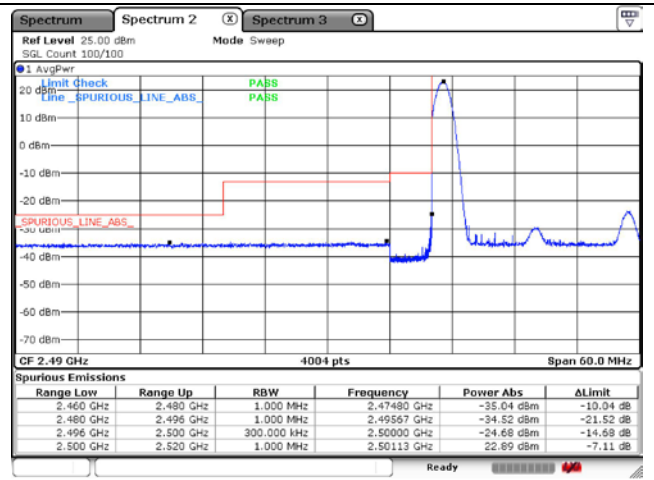
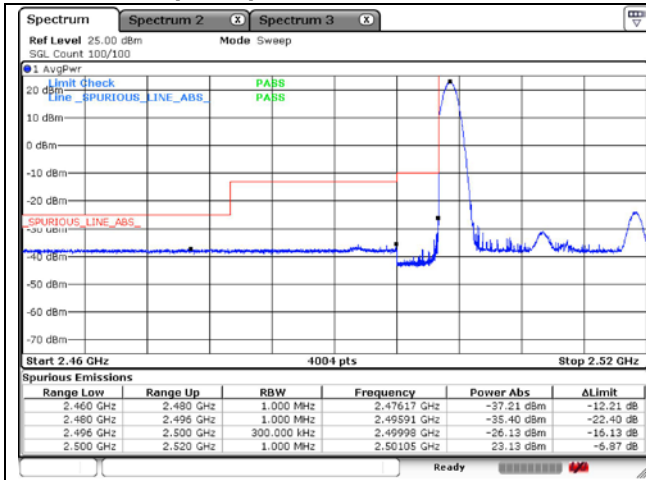
16QAM High Channel - 1 RB



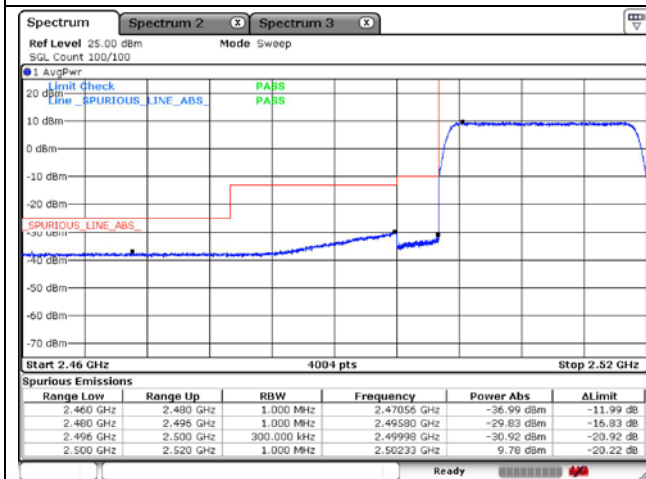
QPSK High Channel - Full RB

16QAM High Channel - Full RB

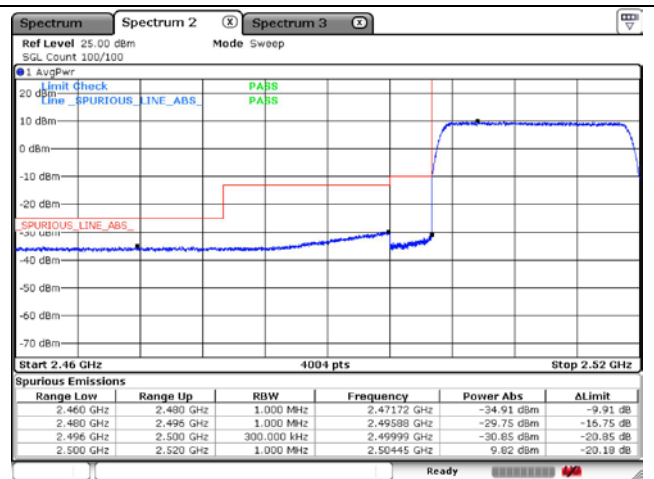
LTE band 7 (20 MHz)



QPSK Low Channel - 1 RB



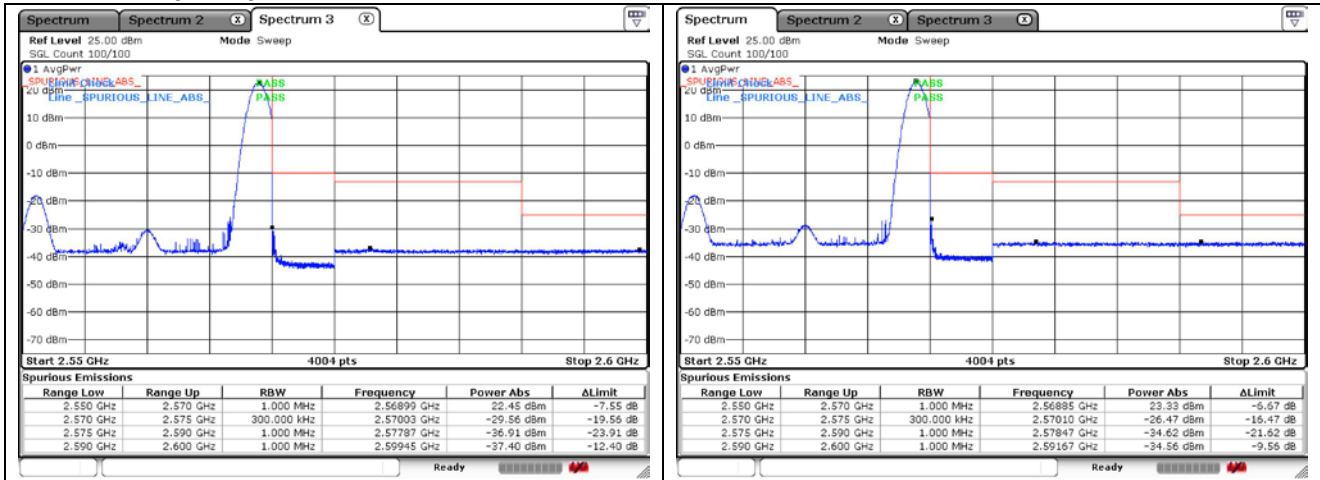
16QAM Low Channel - 1 RB



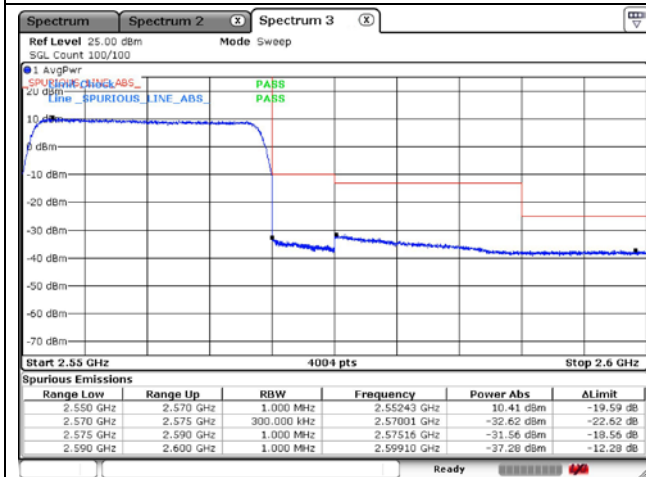
QPSK Low Channel - Full RB

16QAM Low Channel - Full RB

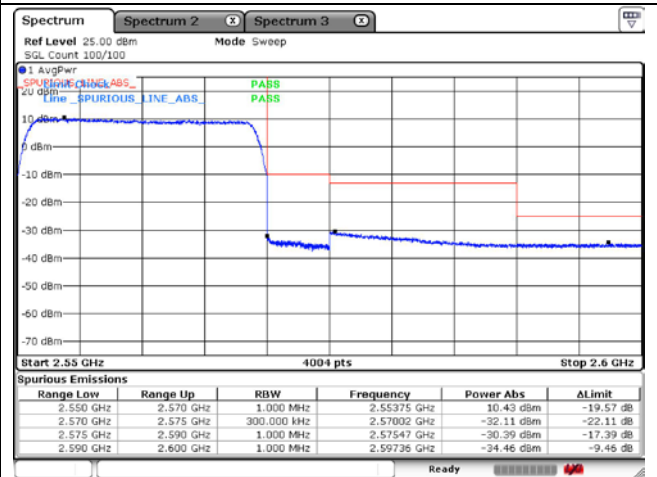
LTE band 7 (20 MHz)



QPSK High Channel - 1 RB



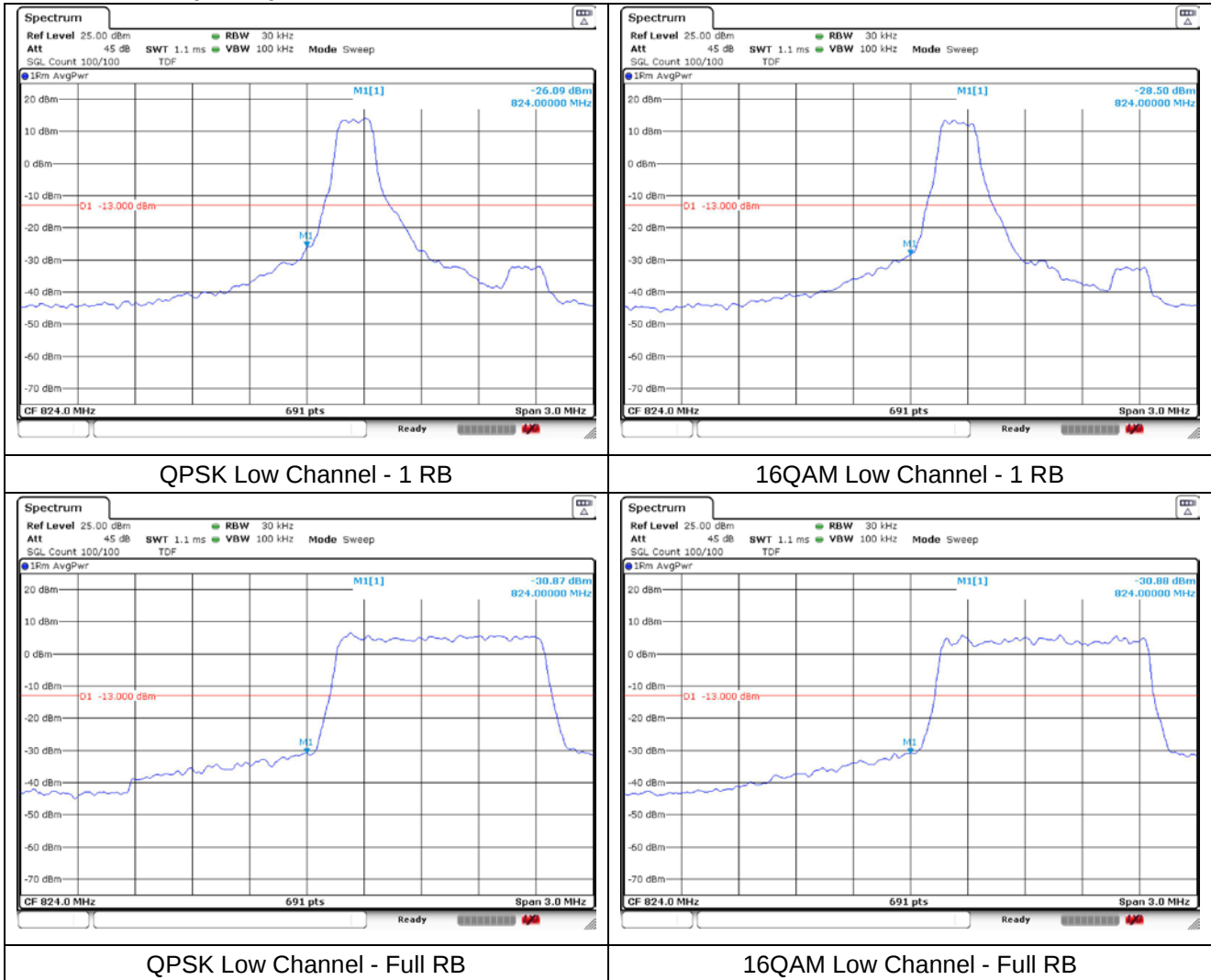
16QAM High Channel - 1 RB



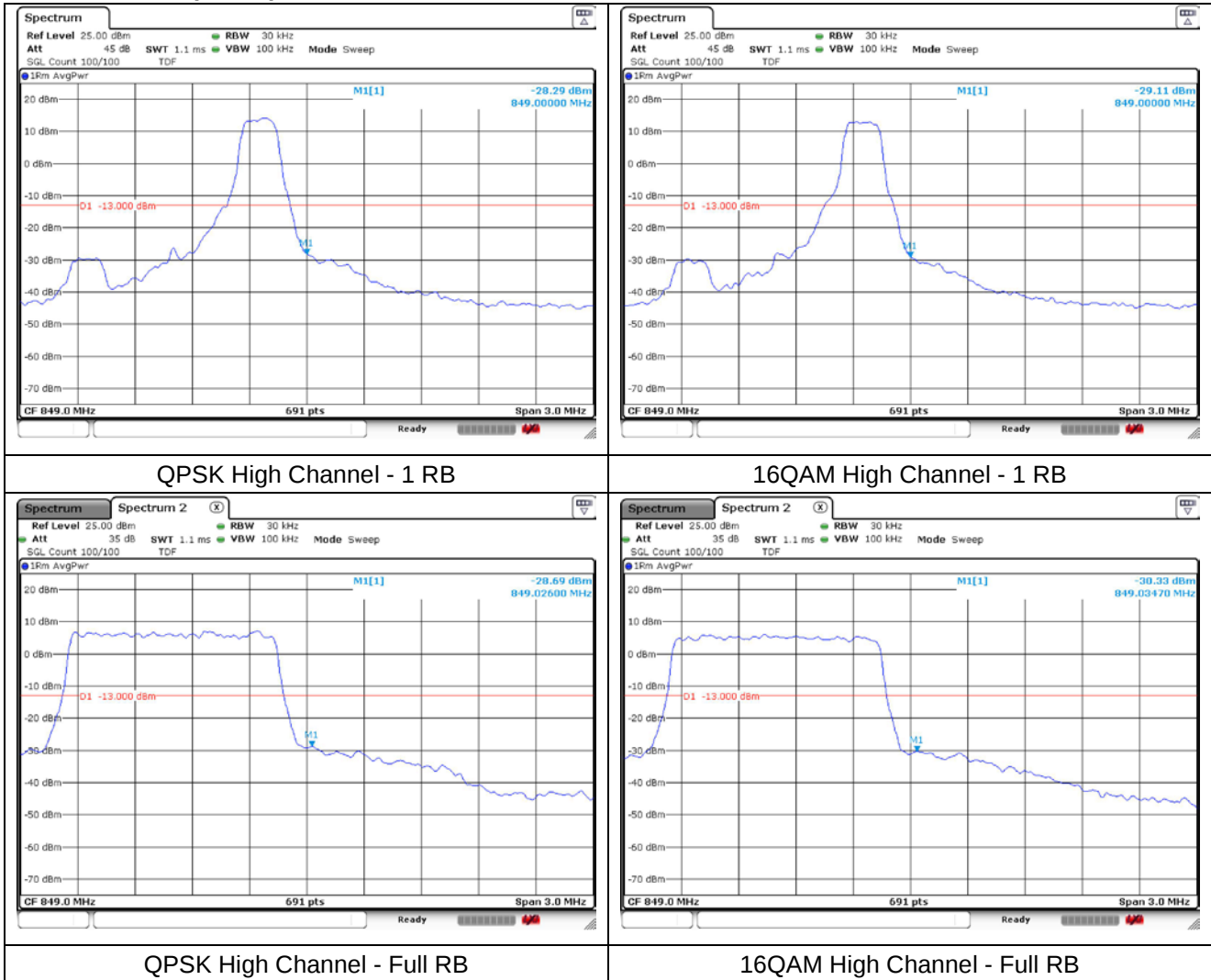
QPSK High Channel - Full RB

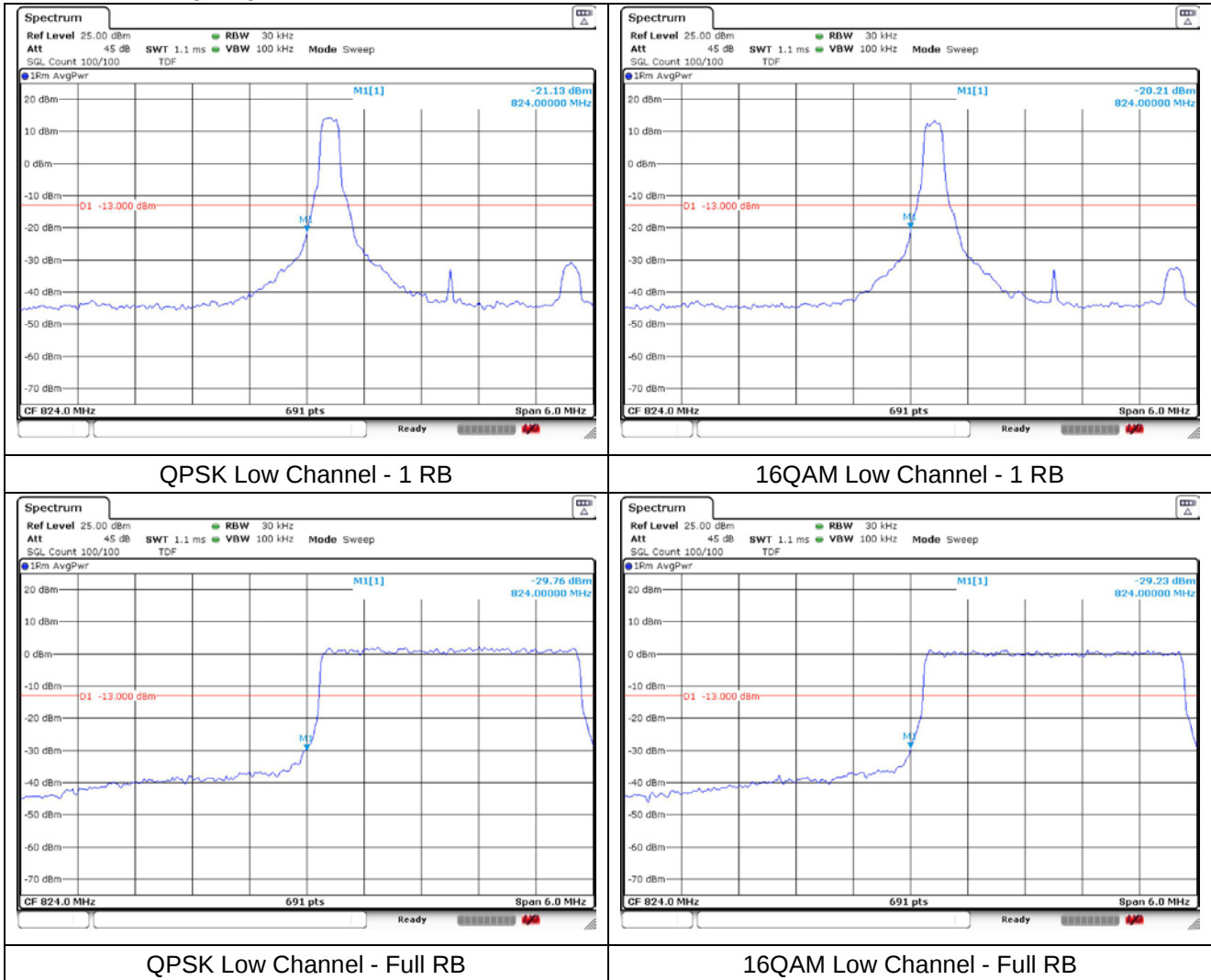
16QAM High Channel - Full RB

LTE band 26/5 (1.4 MHz)

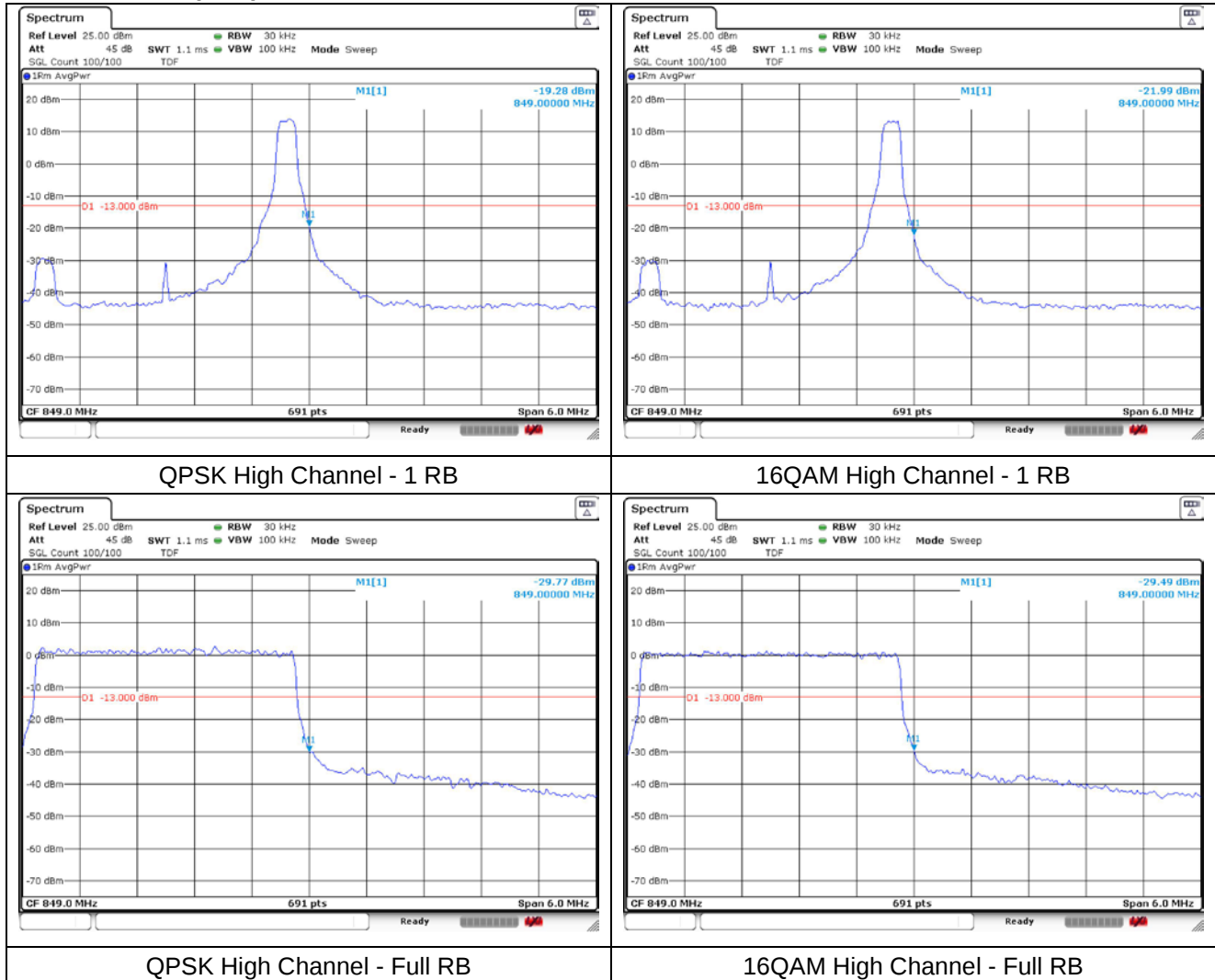


LTE band 26/5 (1.4 MHz)

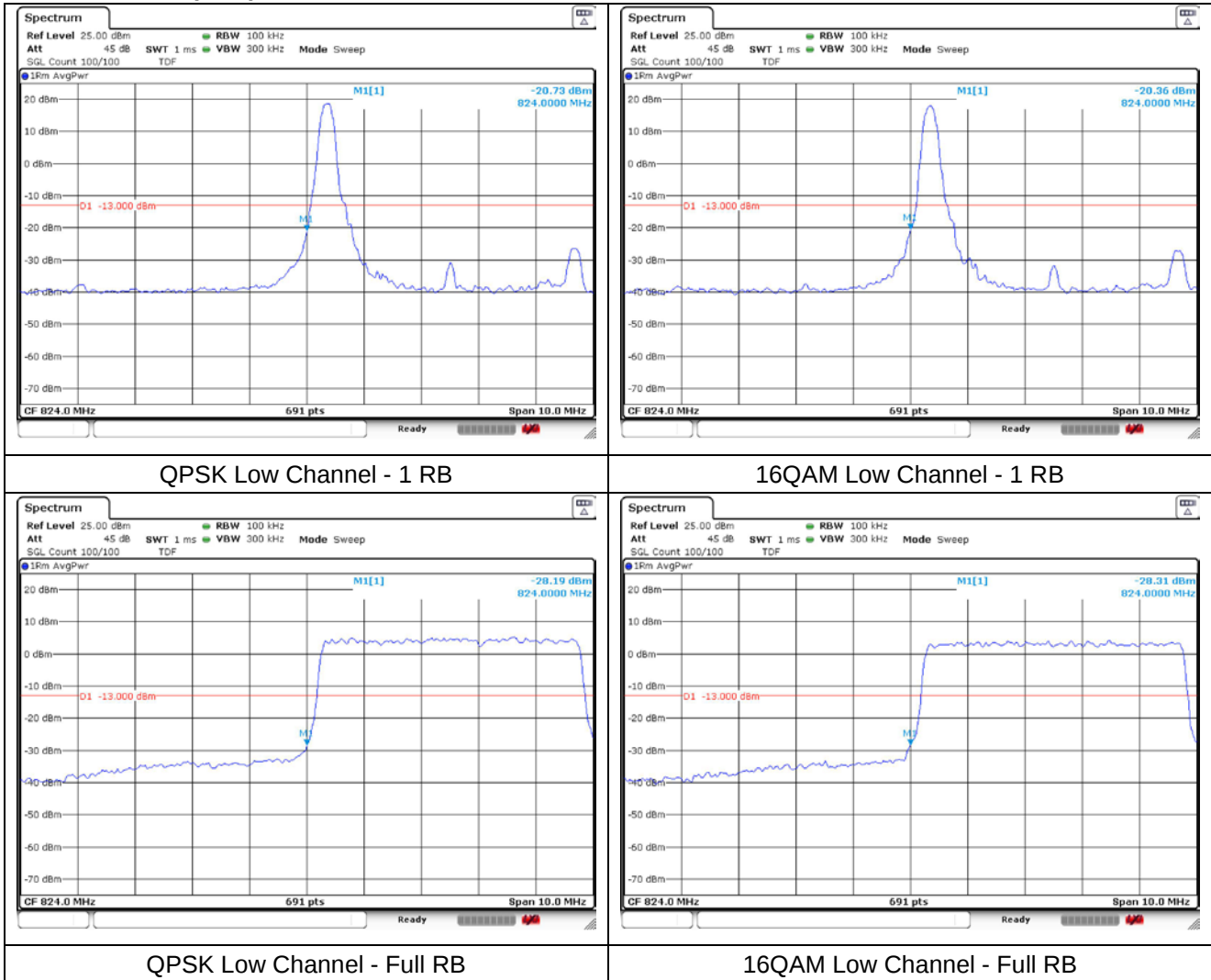


LTE band 26/5 (3 MHz)


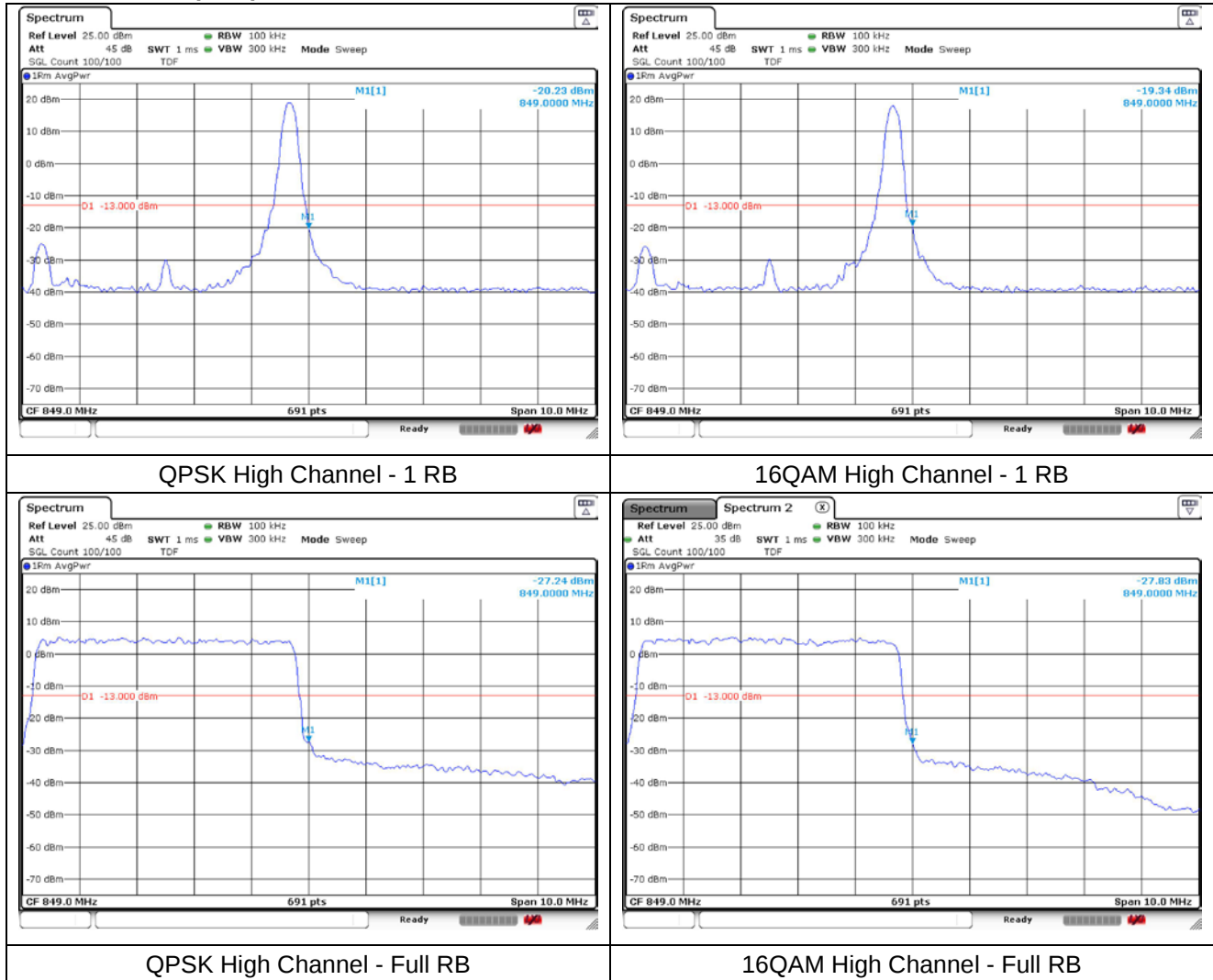
LTE band 26/5 (3 MHz)



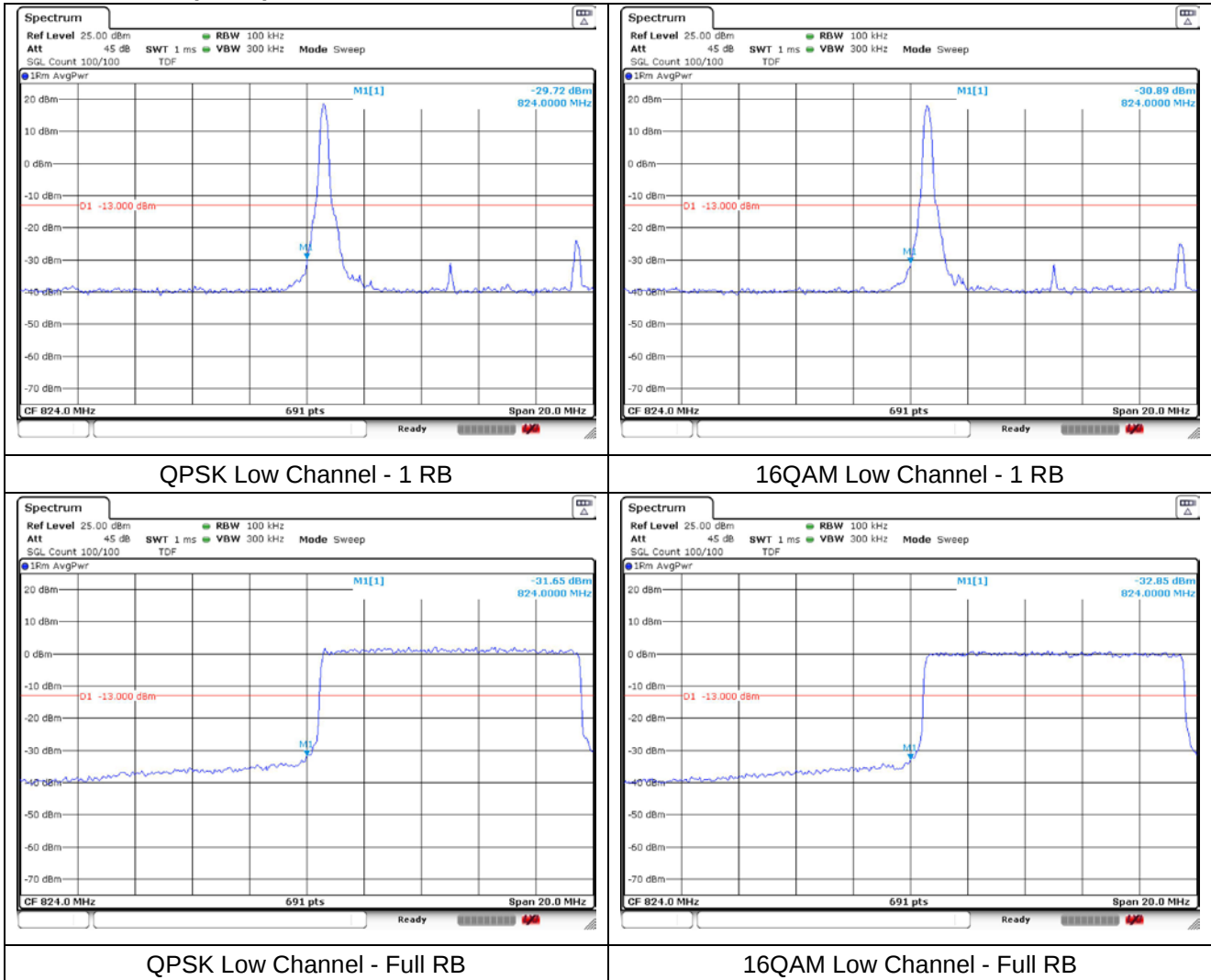
LTE band 26/5 (5 MHz)



LTE band 26/5 (5 MHz)



LTE band 26/5 (10 MHz)



LTE band 26/5 (10 MHz)

