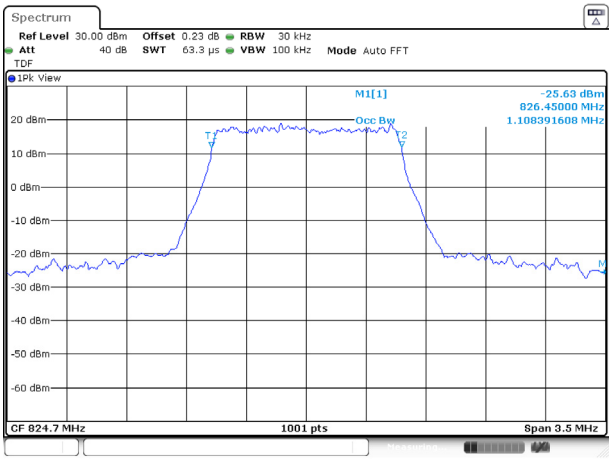
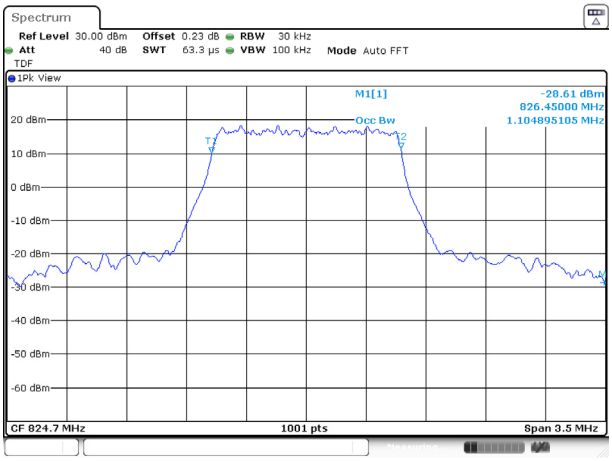
99% Occupied Bandwidth

Test mode: LTE Band 5/26

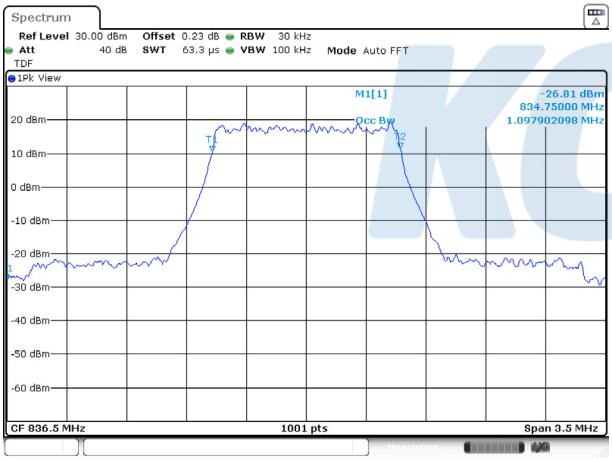
1.4M BW / QPSK / Low ch.



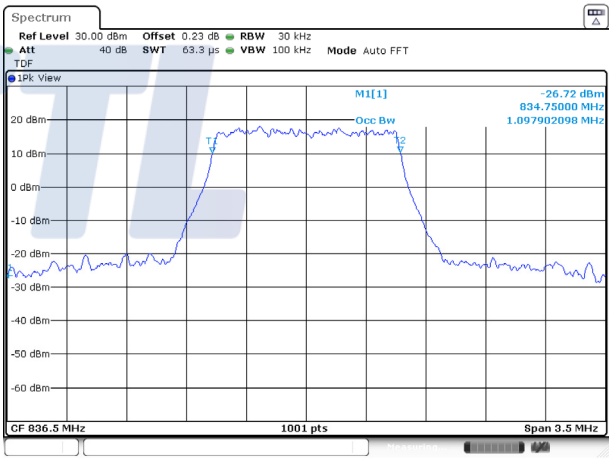
1.4M BW / 16QAM / Low ch.



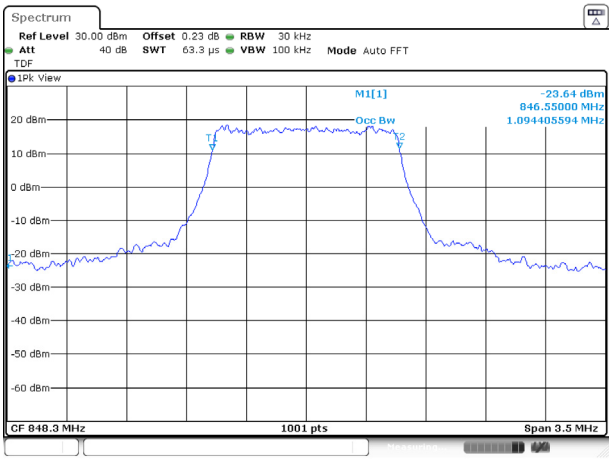
1.4M BW / QPSK / Mid ch.



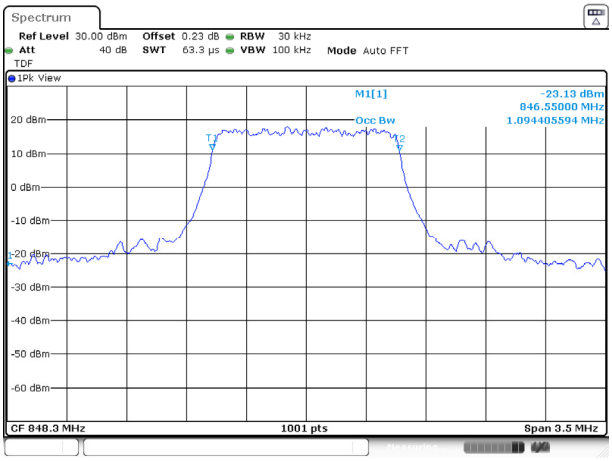
1.4M BW / 16QAM / Mid ch.



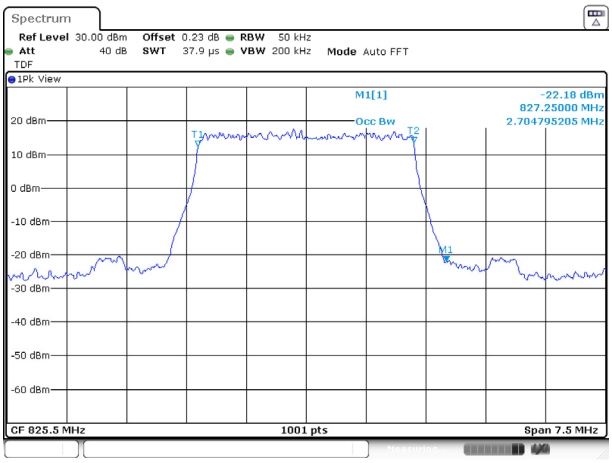
1.4M BW / QPSK / High ch.



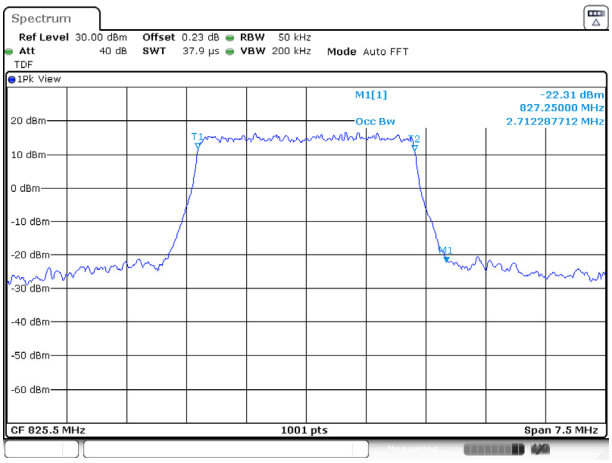
1.4M BW / 16QAM / High ch.



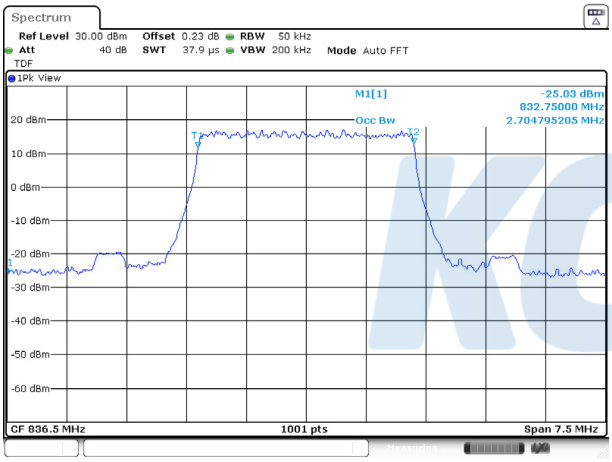
3M BW / QPSK / Low ch.



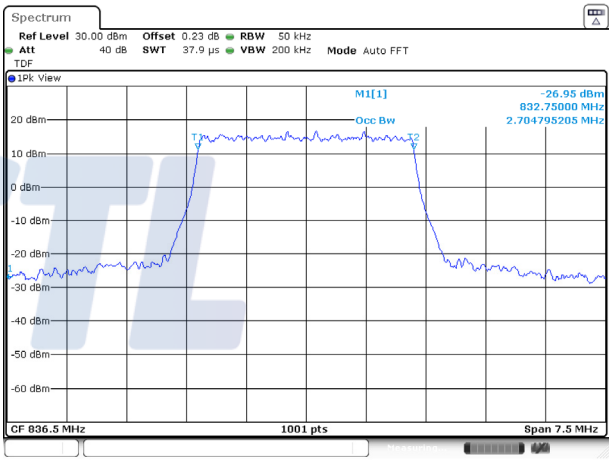
3M BW / 16QAM / Low ch.



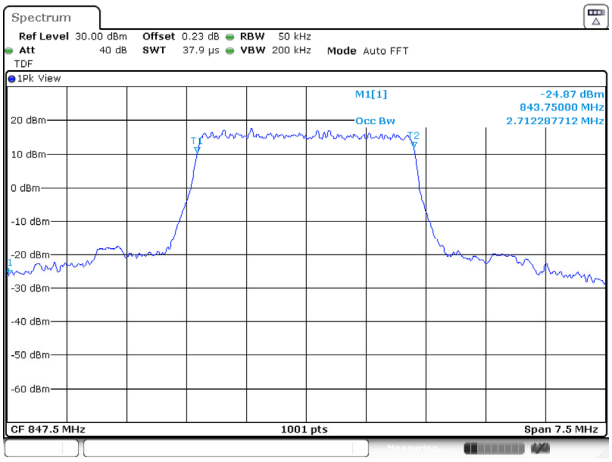
3M BW / QPSK / Mid ch.



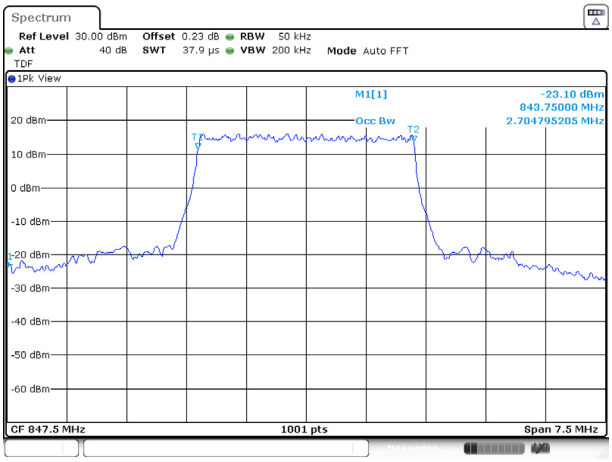
3M BW / 16QAM / Mid ch.



3M BW / QPSK / High ch.

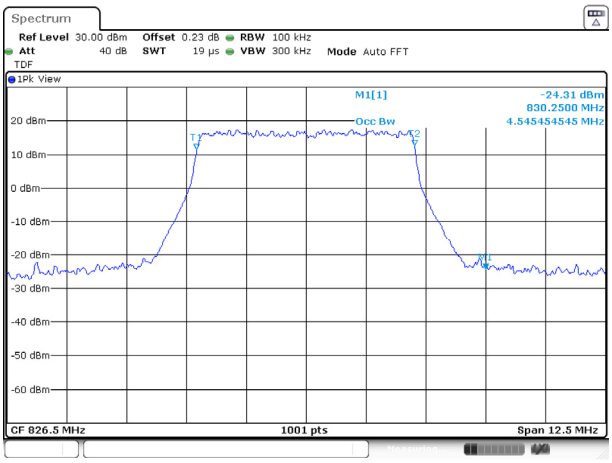


3M BW / 16QAM / High ch.

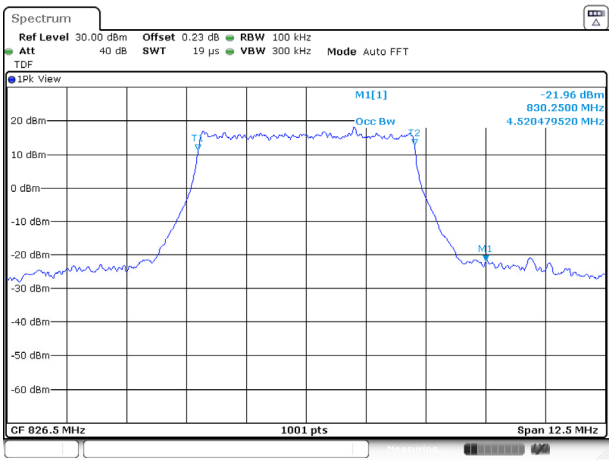


This test report shall not be reproduced, except in full, without the written approval

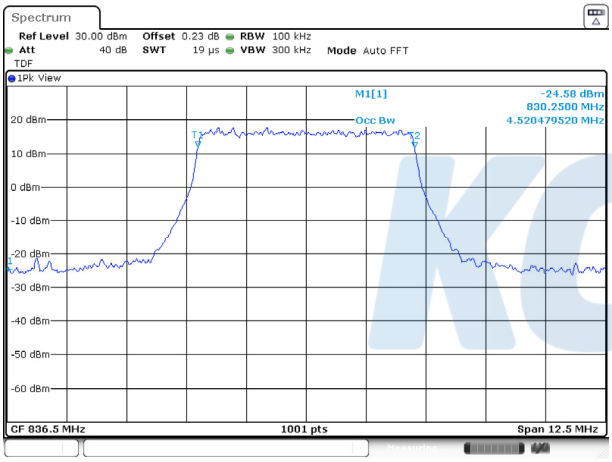
5M BW / QPSK / Low ch.



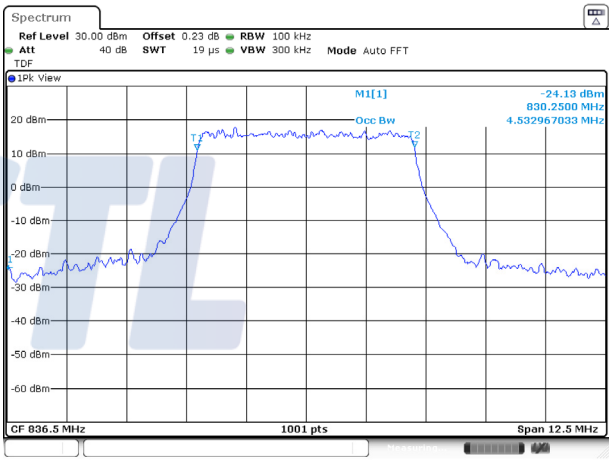
5M BW / 16QAM / Low ch.



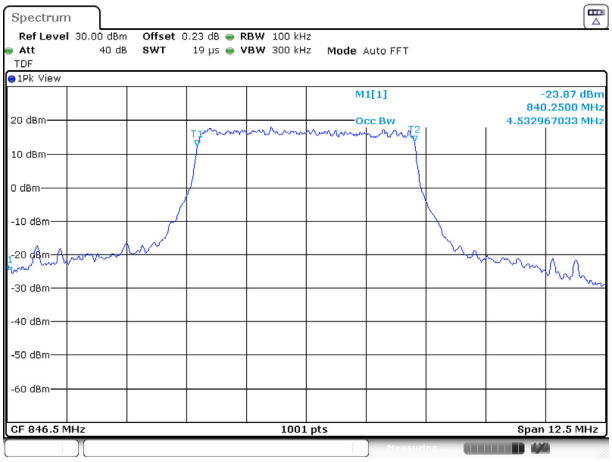
5M BW / QPSK / Mid ch.



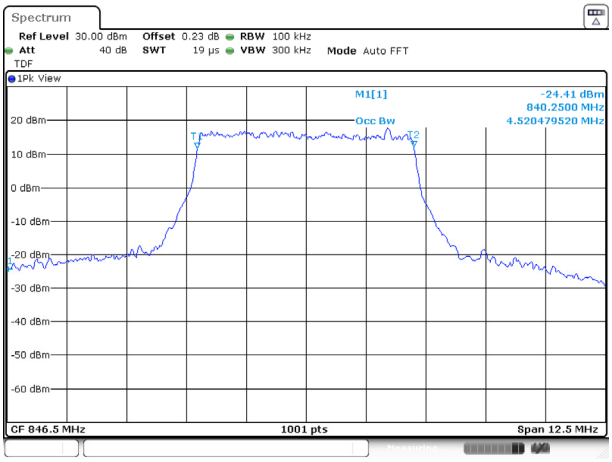
5M BW / 16QAM / Mid ch.



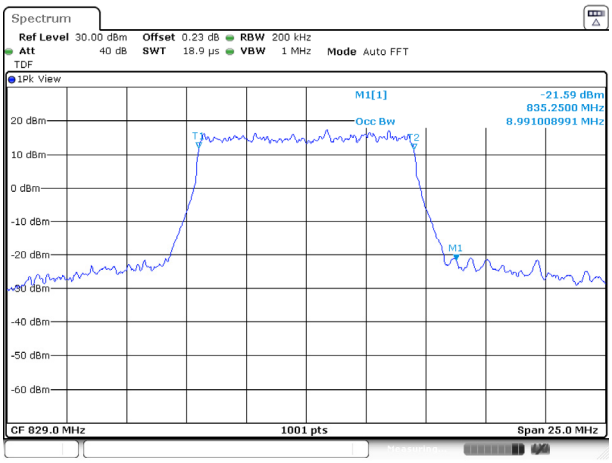
5M BW / QPSK / High ch.



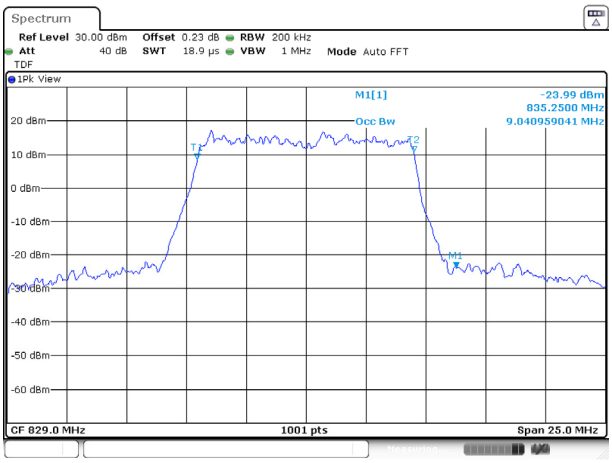
5M BW / 16QAM / High ch.



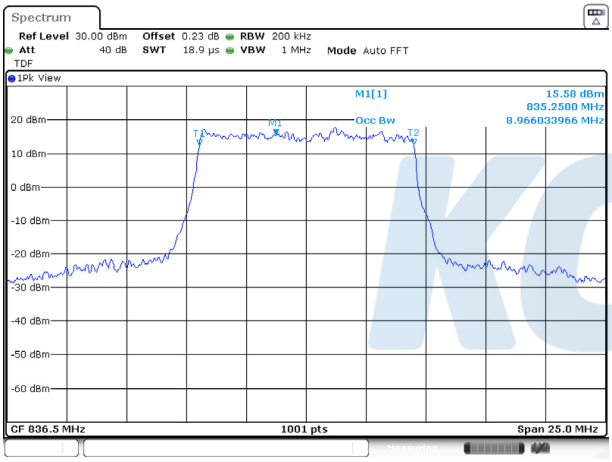
10M BW / QPSK / Low ch.



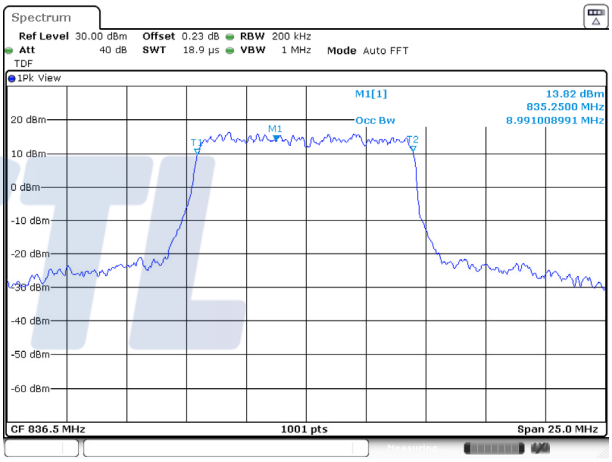
10M BW / 16QAM / Low ch.



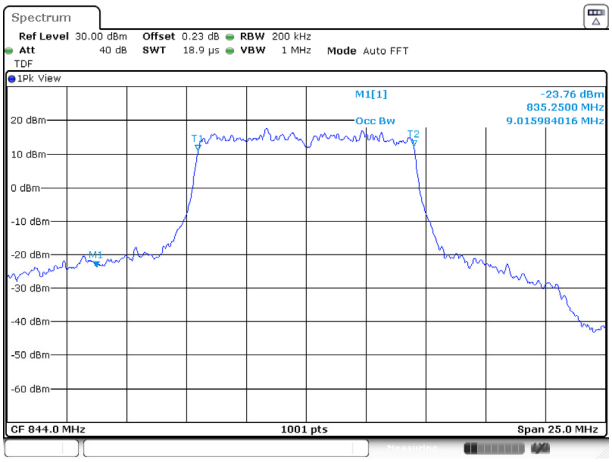
10M BW / QPSK / Mid ch.



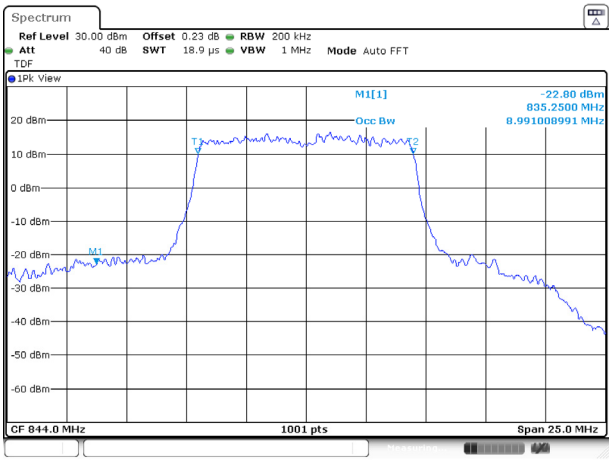
10M BW / 16QAM / Mid ch.



10M BW / QPSK / High ch.

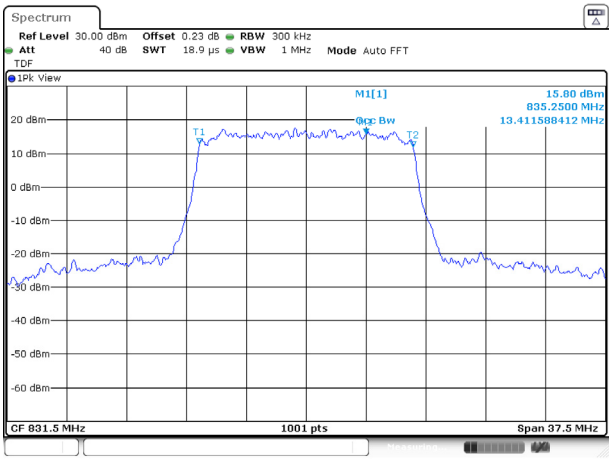


10M BW / 16QAM / High ch.

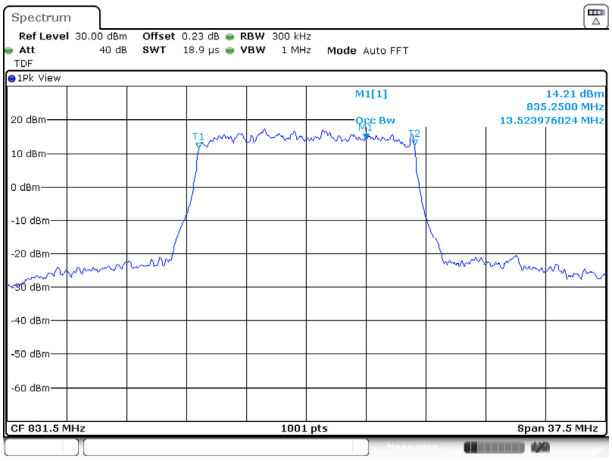


Test mode: LTE Band 26

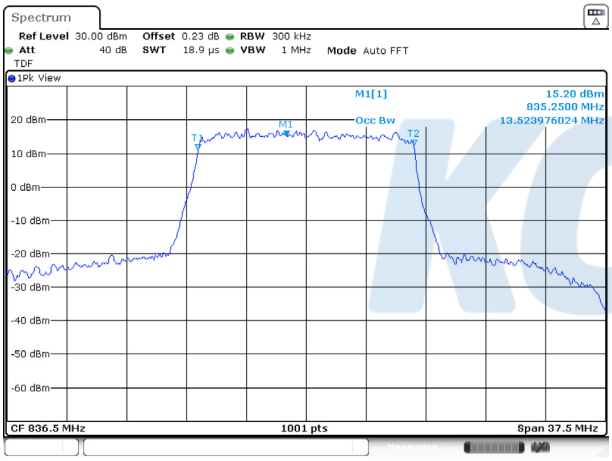
15M BW / QPSK / Low ch.



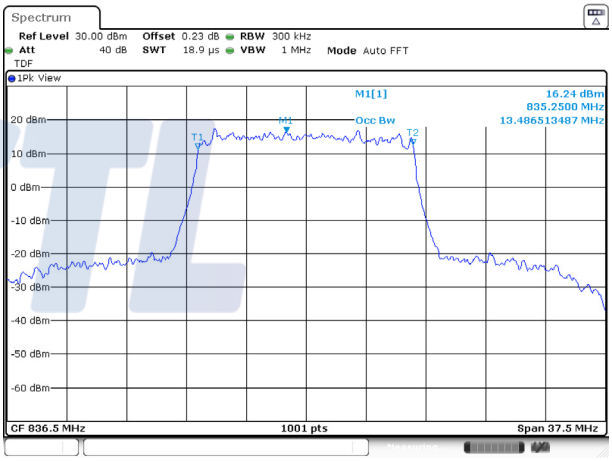
15M BW / 16QAM / Low ch.



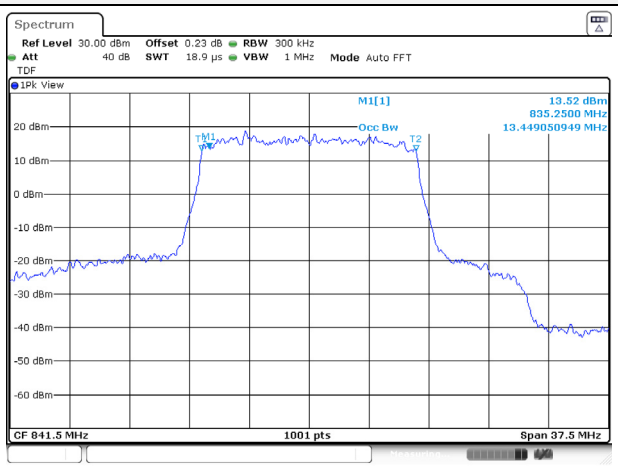
15M BW / QPSK / Mid ch.



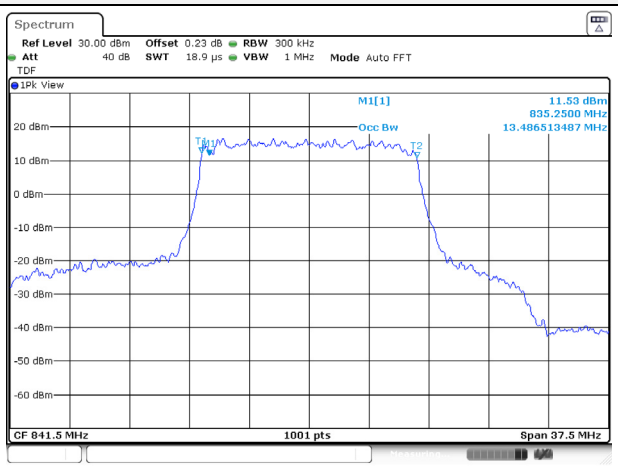
15M BW / 16QAM / Mid ch.



15M BW / QPSK / High ch.

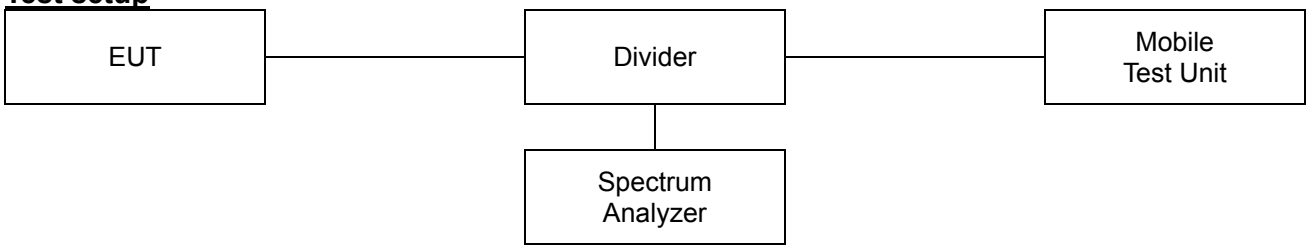


15M BW / 16QAM / High ch.



7.3. Spurious Emissions at Antenna Terminal

Test setup



Limit

According to §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 + 10log($P_{[Watts]}$) dB.

Test procedure

971168 D01 v03r01 - Section 6
ANSI 63.26-2015 – Section 5.7

Test settings

1) Start frequency was set to 30 MHz and stop frequency was set to at least 10th the fundamental frequency.
2) Detector = RMS
3) Sweep time = auto couple.
4) Trace mode = trace average
5) Allow trace to fully stabilize.
6) Please see test notes below RBW and VBW settings.

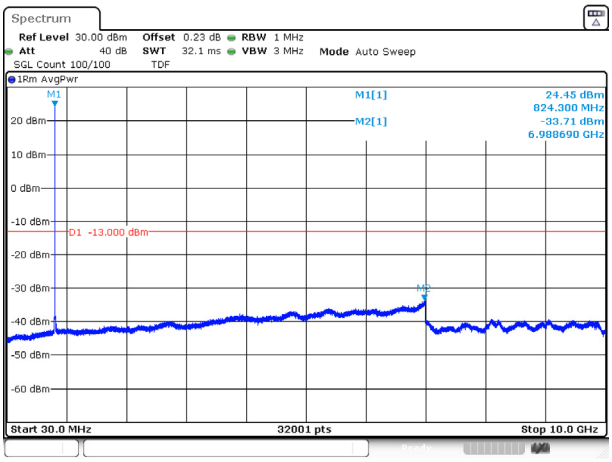
Notes:

1. Compliance with these provisions is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater for frequencies less than 1 GHz and 1 MHz or greater for frequencies greater than 1 GHz.
   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.

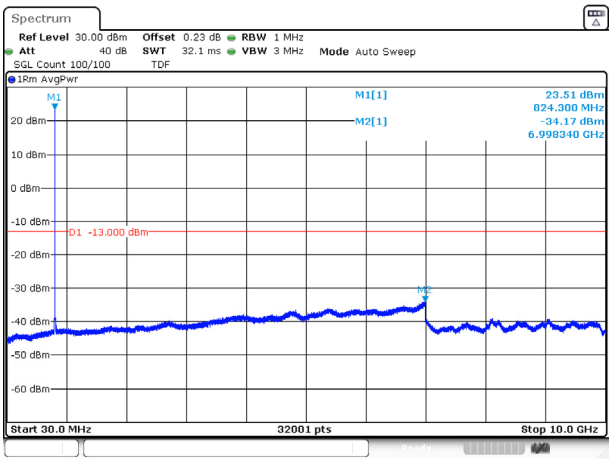
Test results

Test mode: LTE Band 5/26

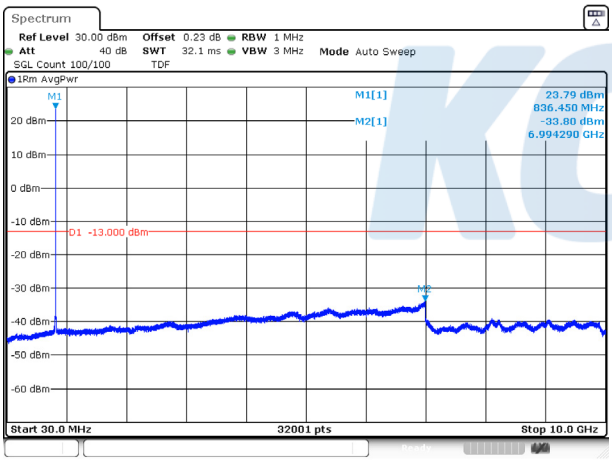
1.4M BW / QPSK / Low ch.



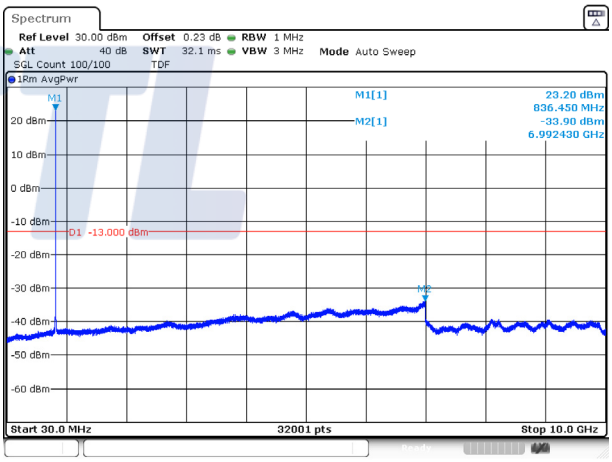
1.4M BW / 16QAM / Low ch.



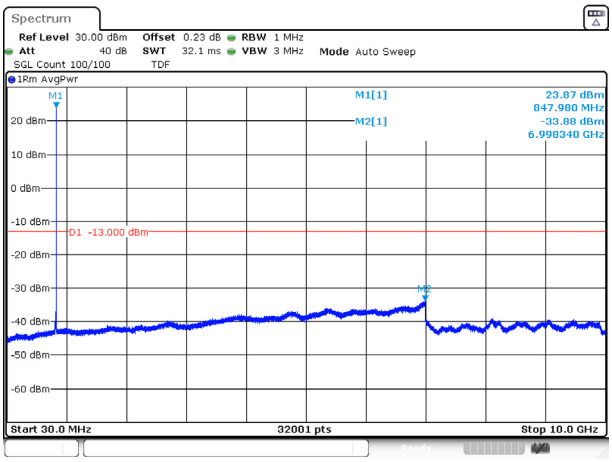
1.4M BW / QPSK / Mid ch.



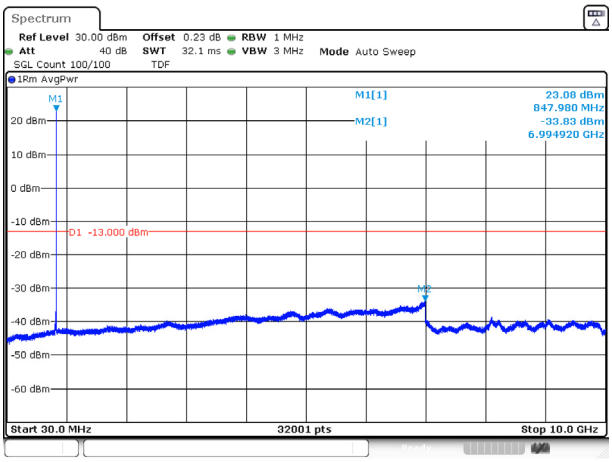
1.4M BW / 16QAM / Mid ch.



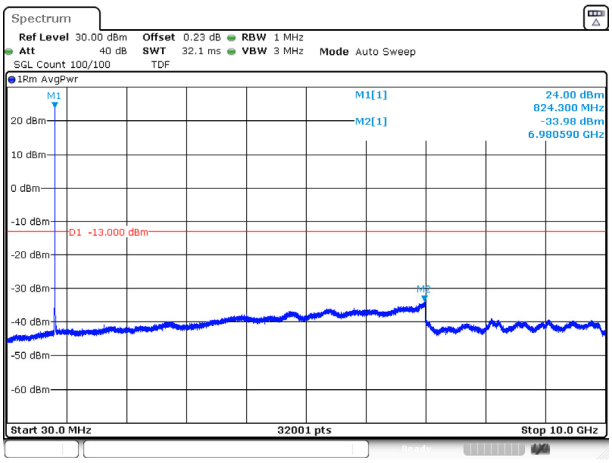
1.4M BW / QPSK / High ch.



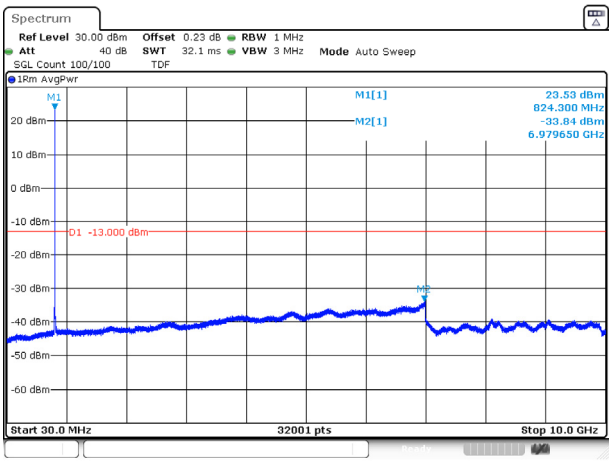
1.4M BW / 16QAM / High ch.



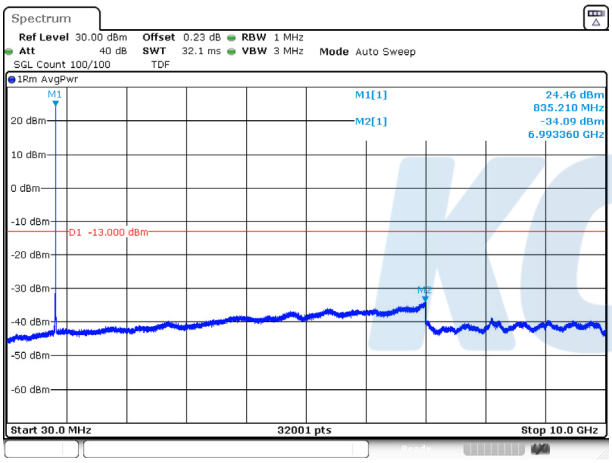
3M BW / QPSK / Low ch.



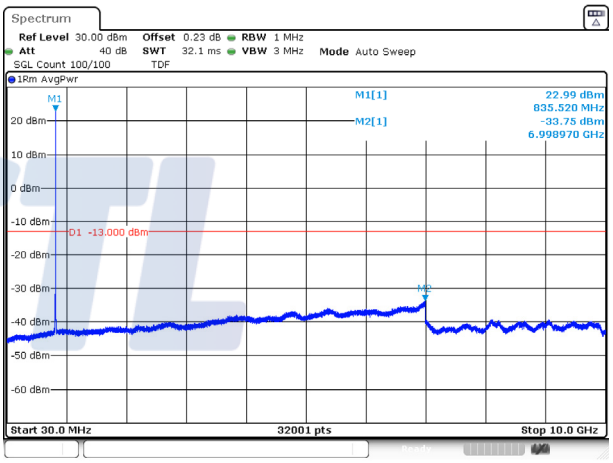
3M BW / 16QAM / Low ch.



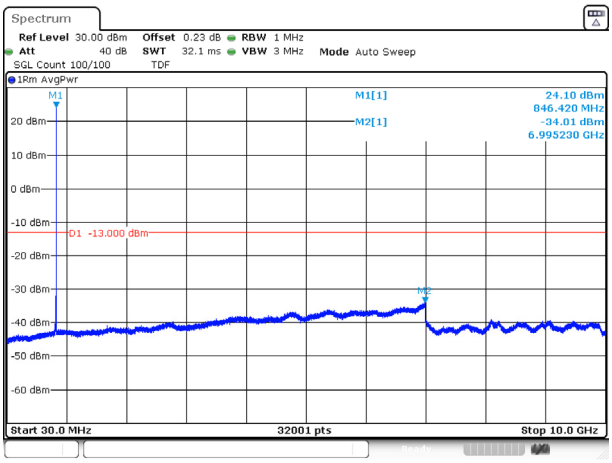
3M BW / QPSK / Mid ch.



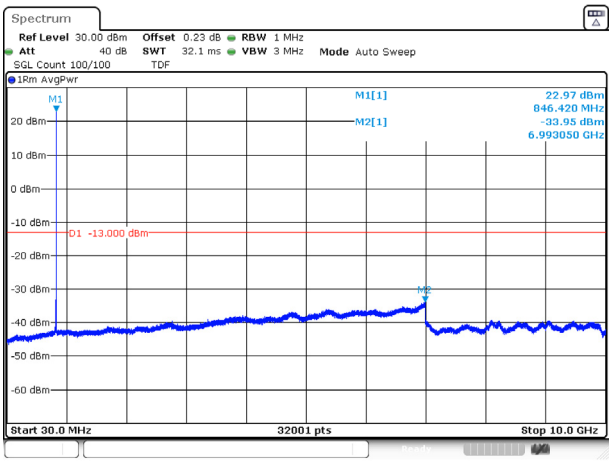
3M BW / 16QAM / Mid ch.



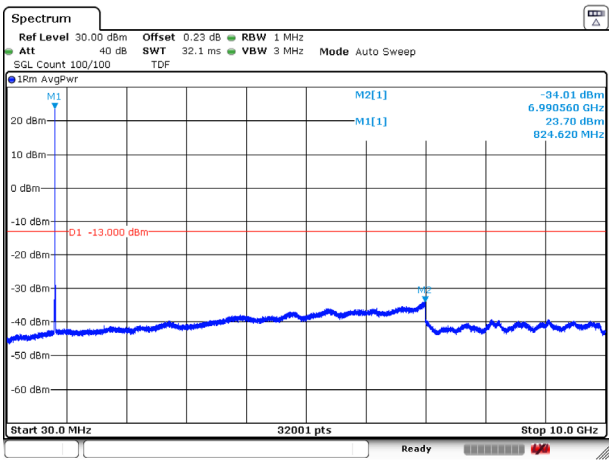
3M BW / QPSK / High ch.



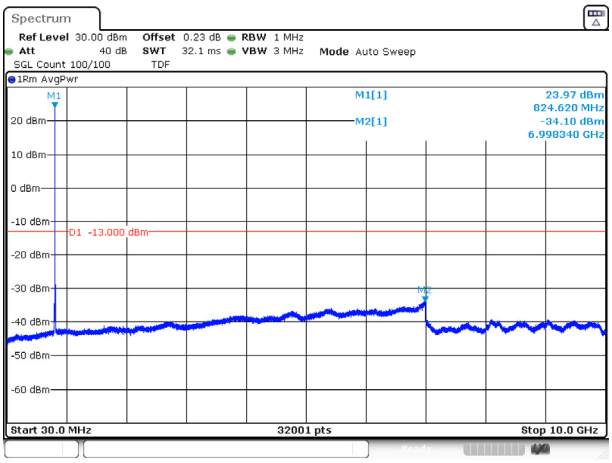
3M BW / 16QAM / High ch.



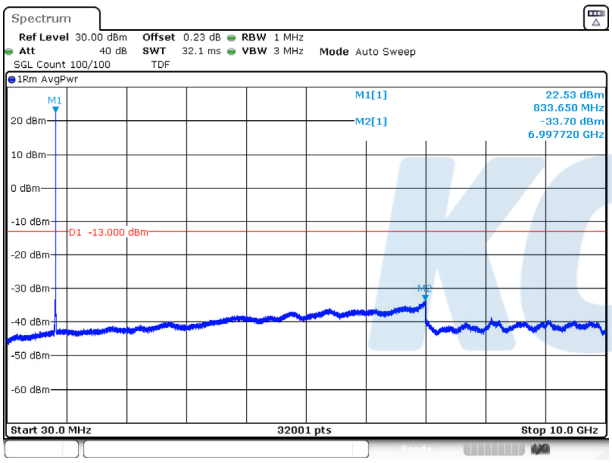
5M BW / QPSK / Low ch.



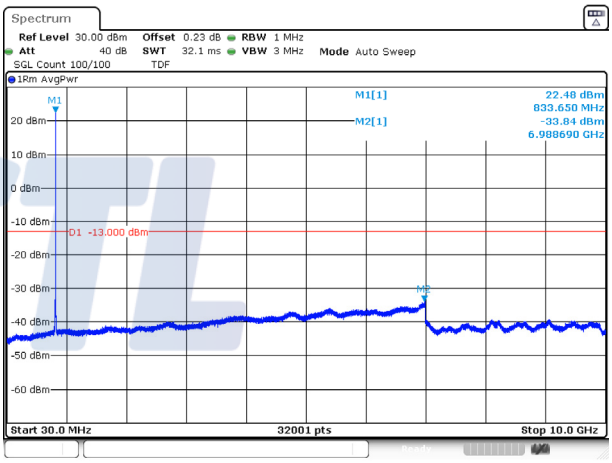
5M BW / 16QAM / Low ch.



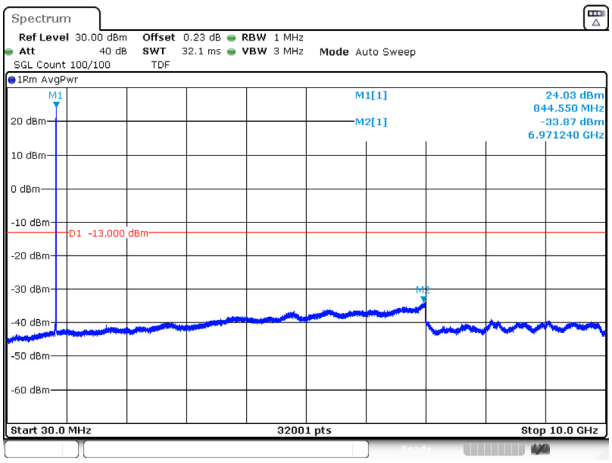
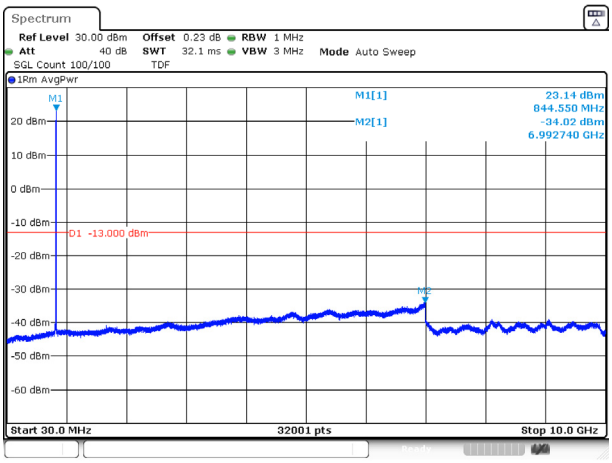
5M BW / QPSK / Mid ch.



5M BW / 16QAM / Mid ch.



5M BW / QPSK / High ch.



5M BW / 16QAM / High ch.