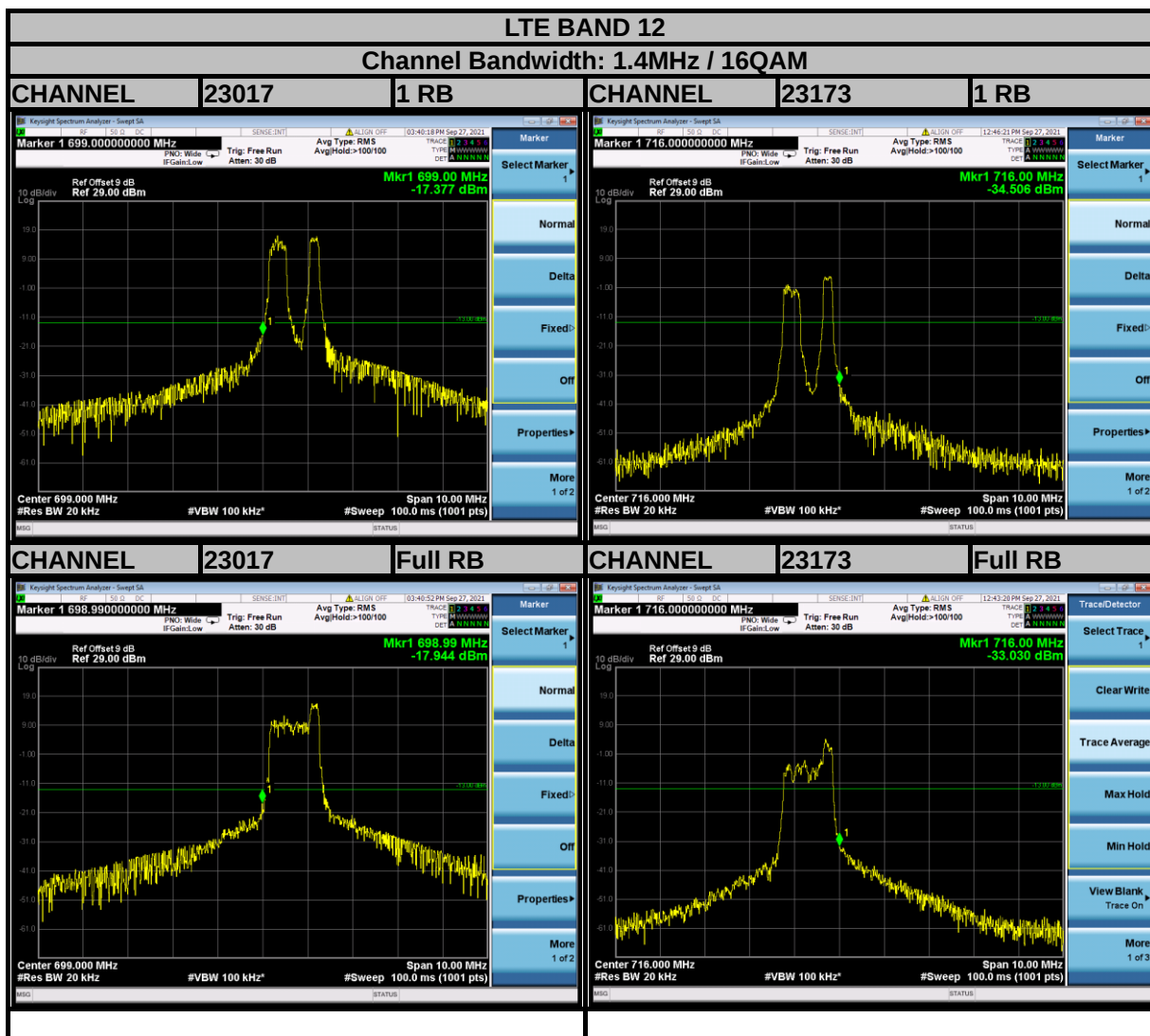
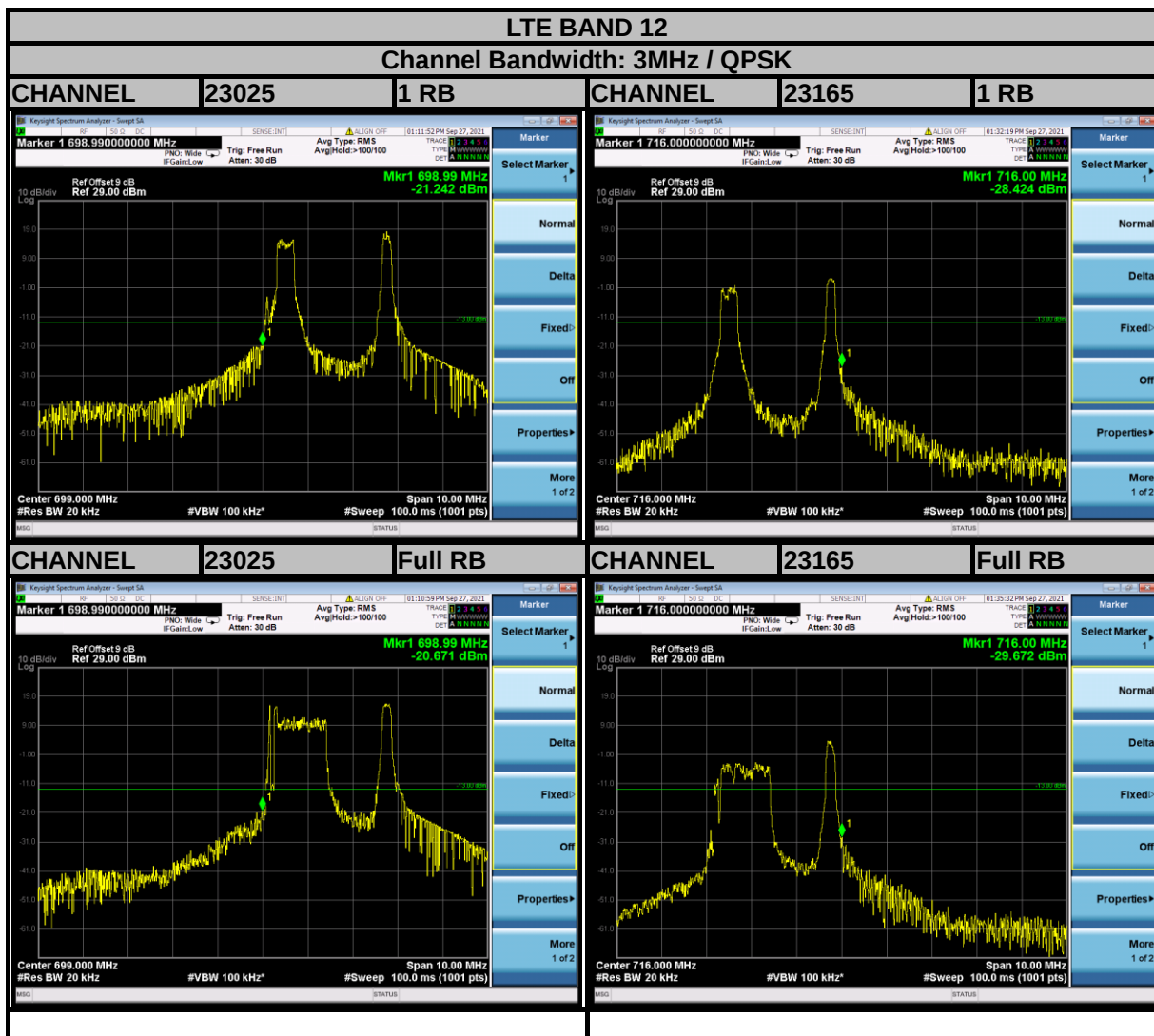
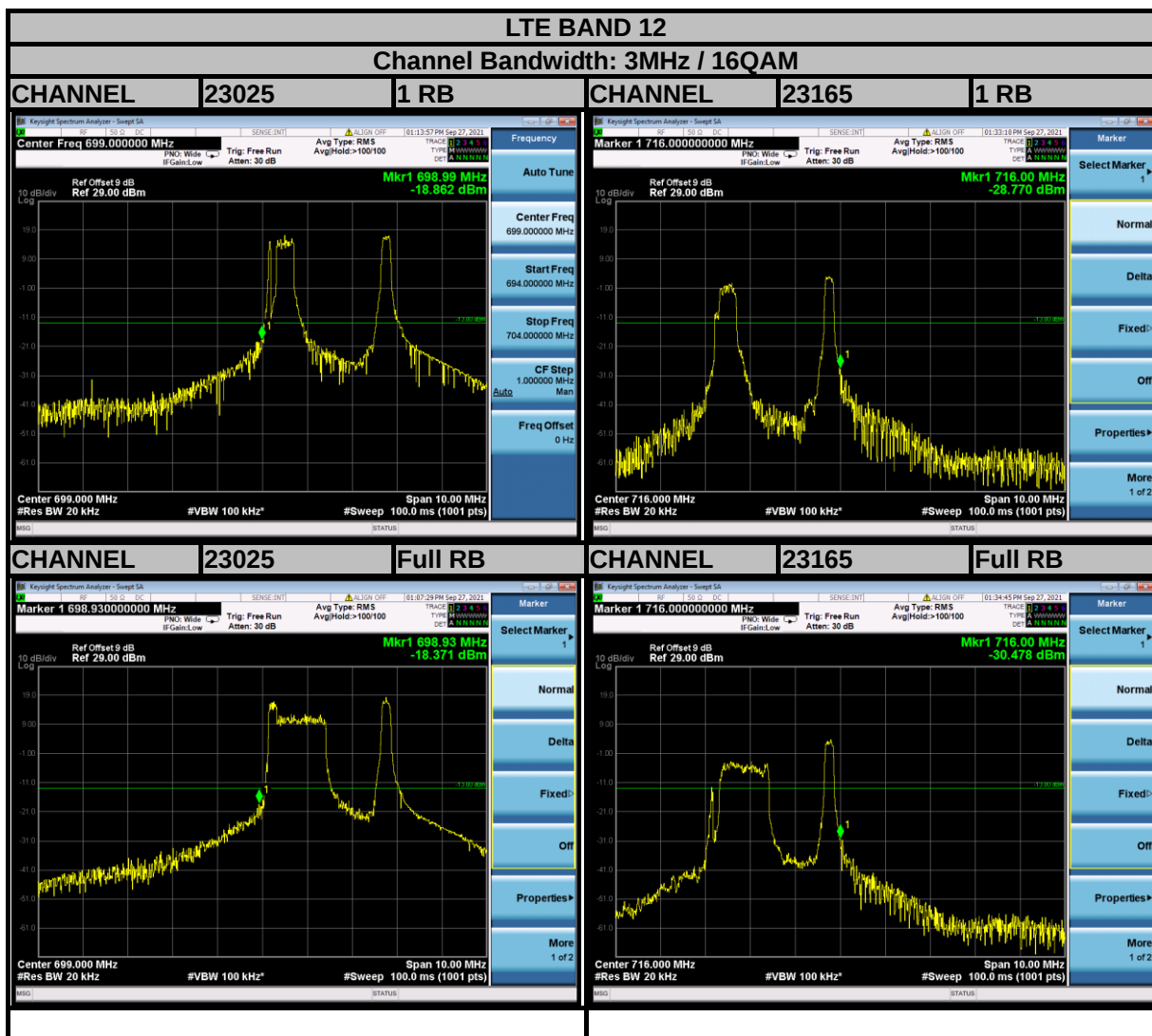
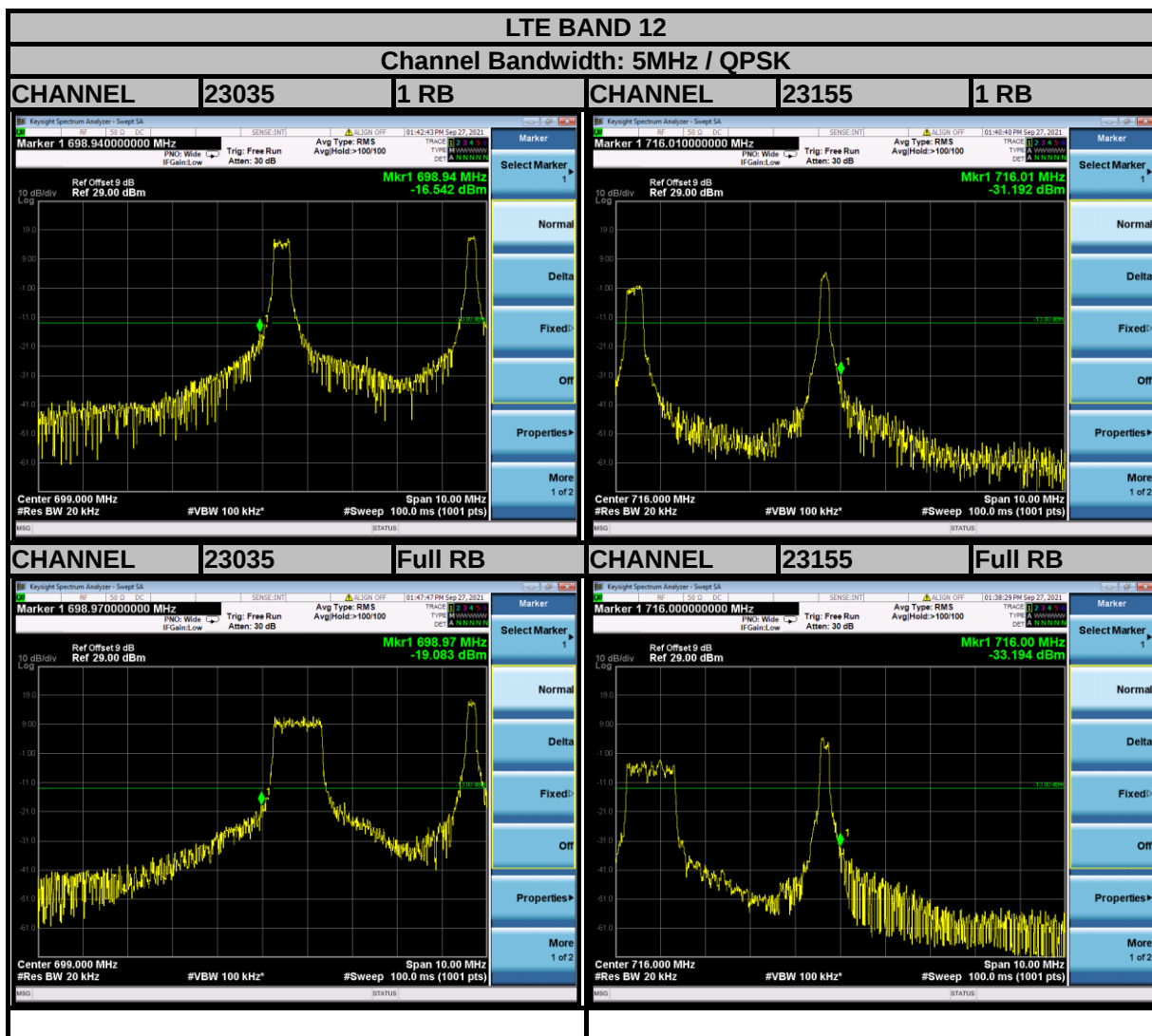
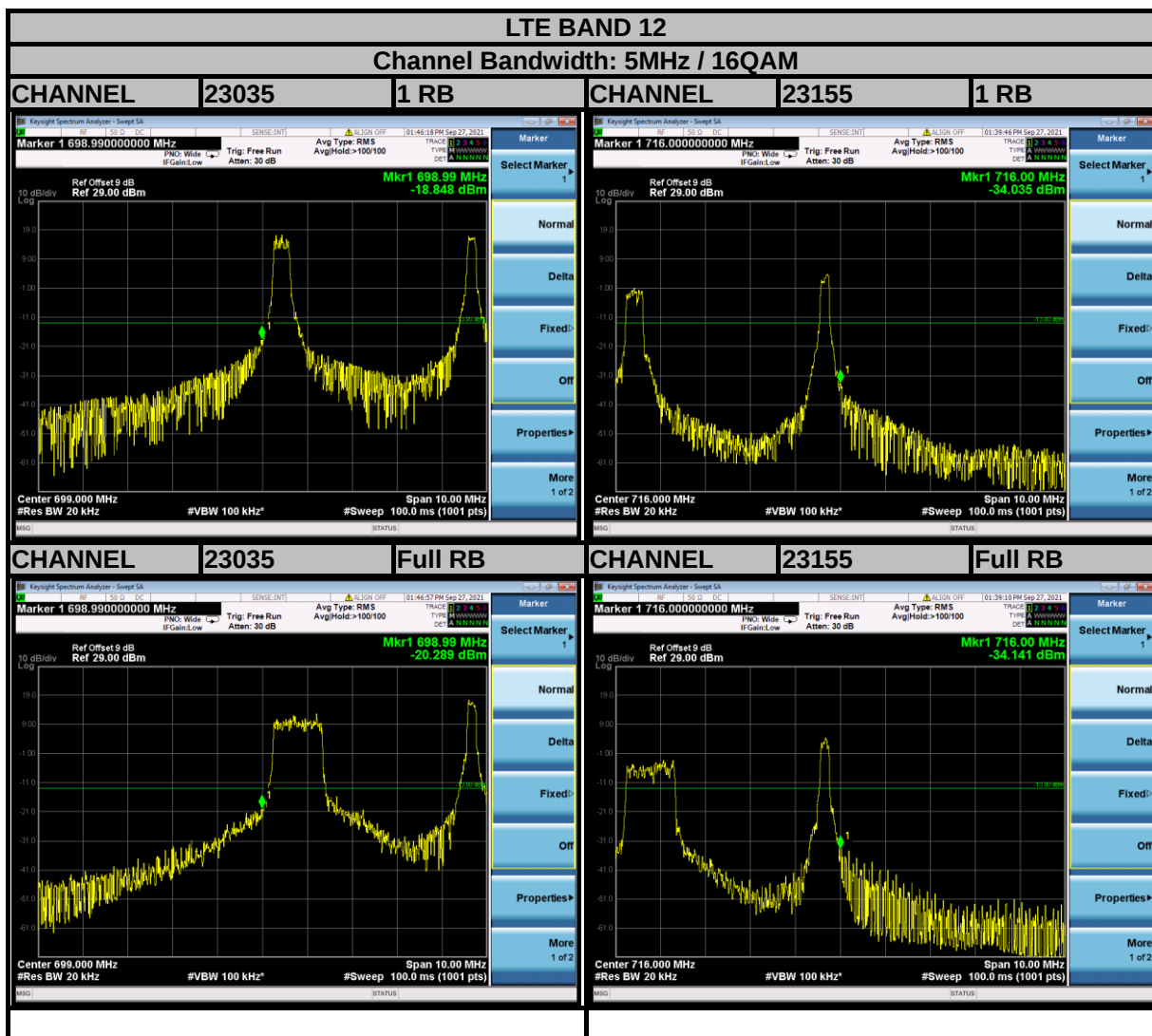


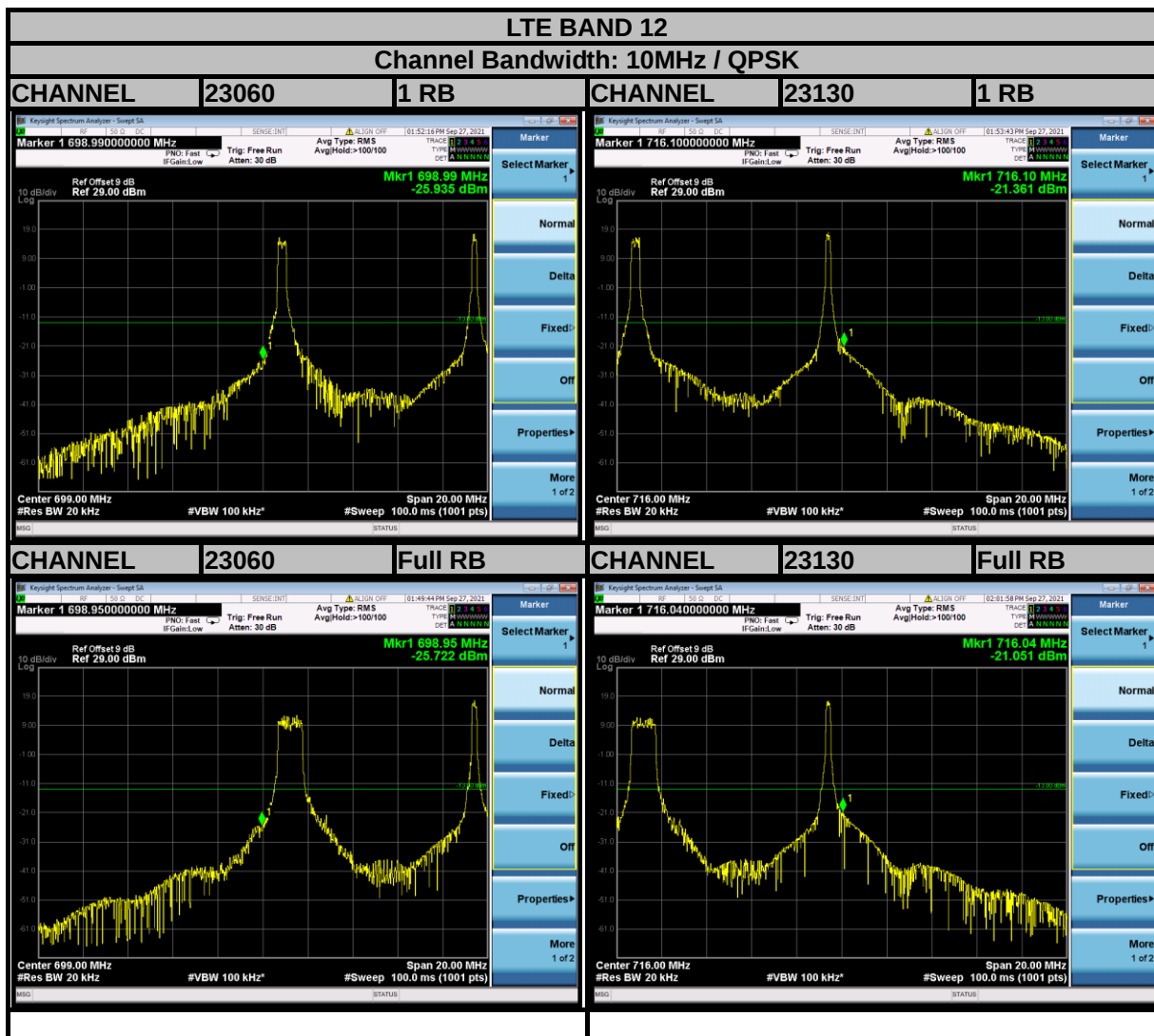


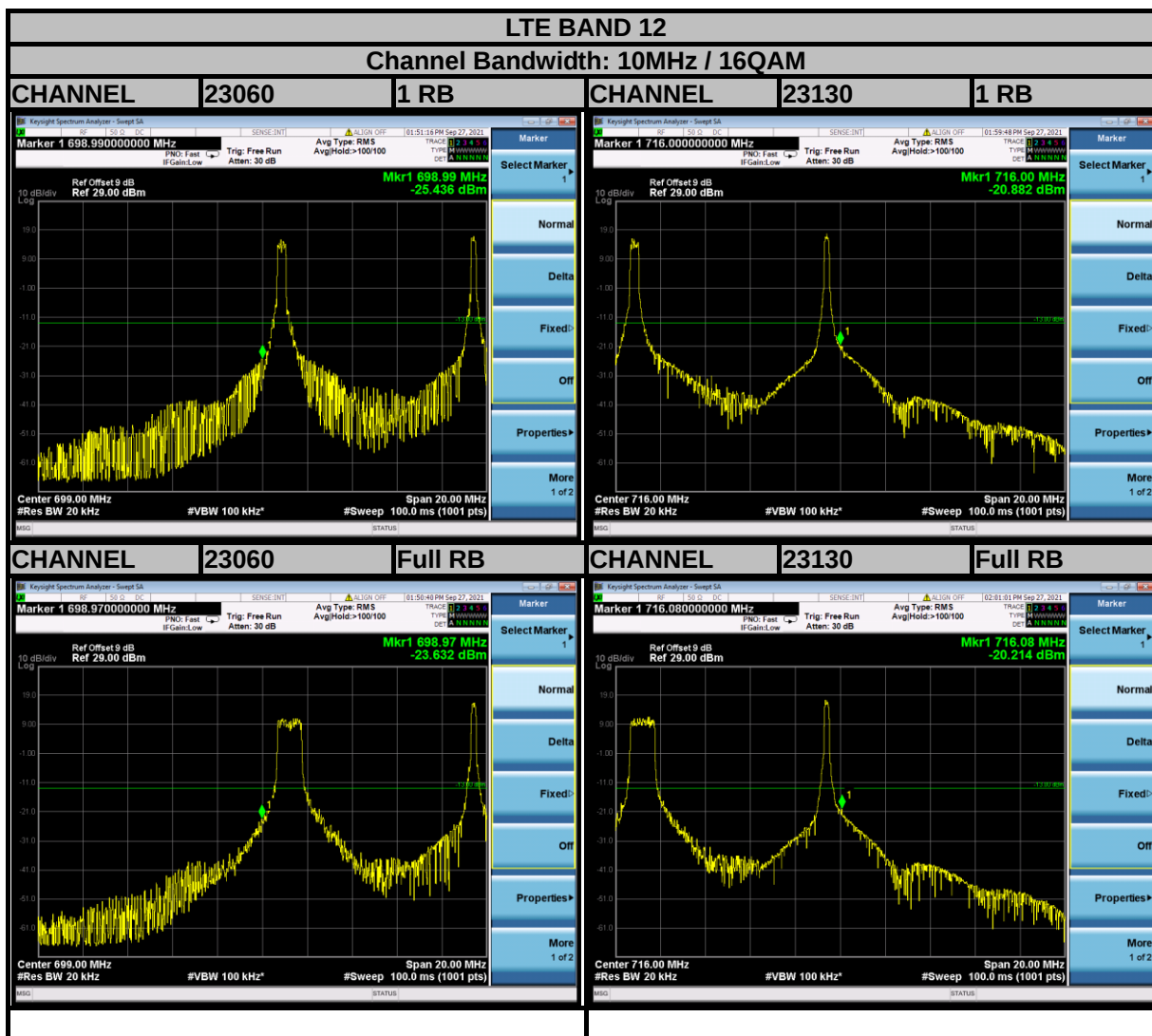












3.5 CONDUCTED SPURIOUS EMISSIONS

3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

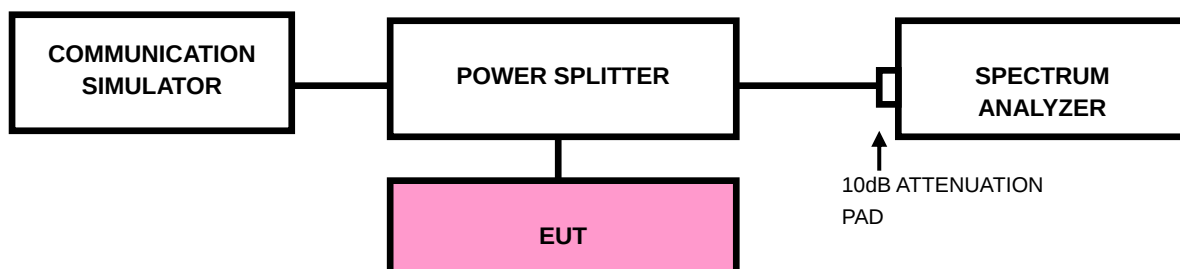
27.53(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance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

27.53(h) For operations in the 1710-1755MHz band, the FCC limit is $43 + 10 \log(P)$ dB. Below the transmitter power (P) in a 1MHz bandwidth. However, in the 1MHz kilohertz bands immediately outside and adjacent to a 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.

3.5.2 TEST PROCEDURE

- a. The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range.
- b. Measuring frequency range is from 30MHz~18GHz for LTE Band 4 & 30MHz~7.16GHz for LTE Band 12. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz are used for conducted emission measurement.

3.5.3 TEST SETUP





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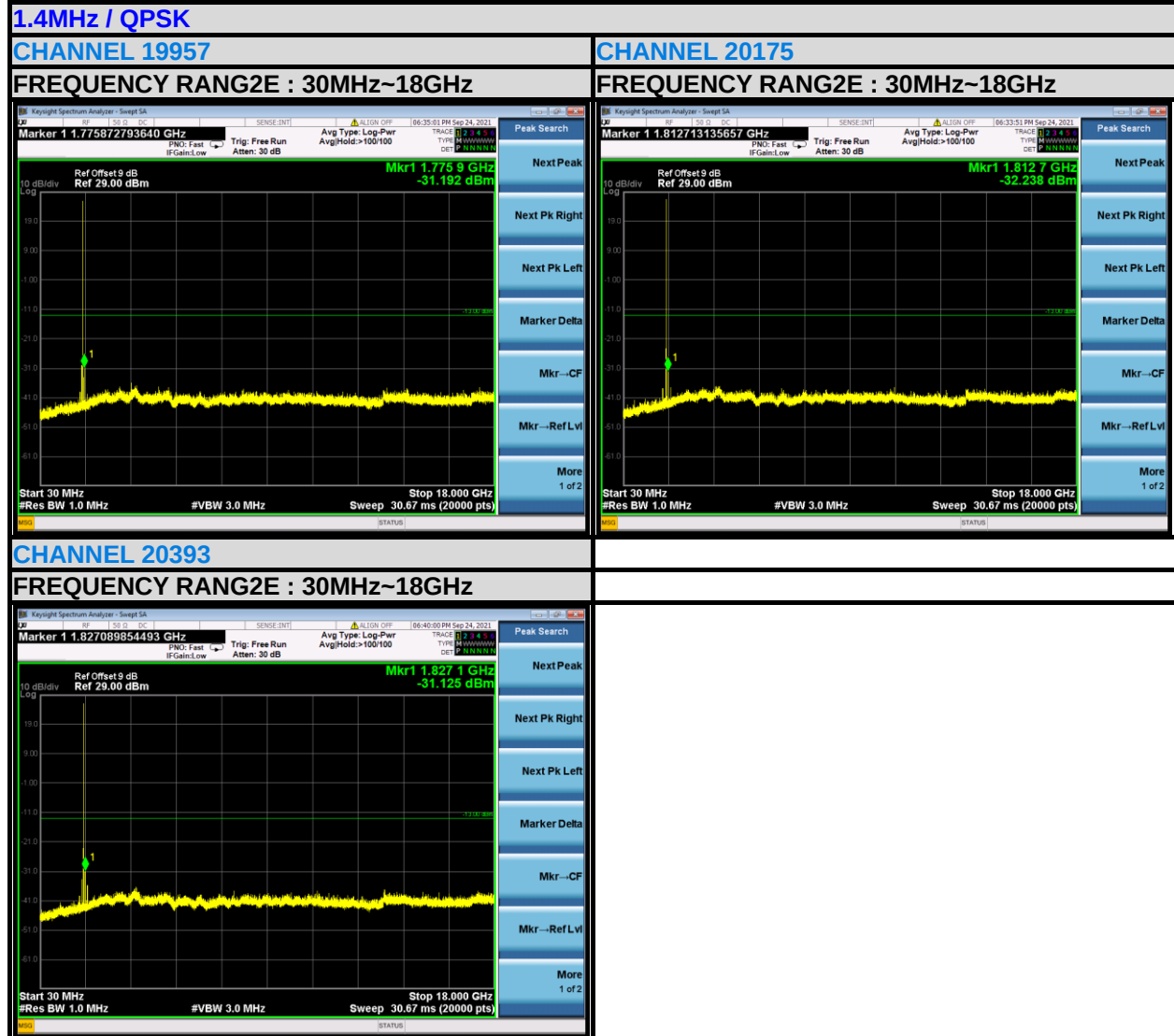
Test Report No.: W7L-P21090017RF02

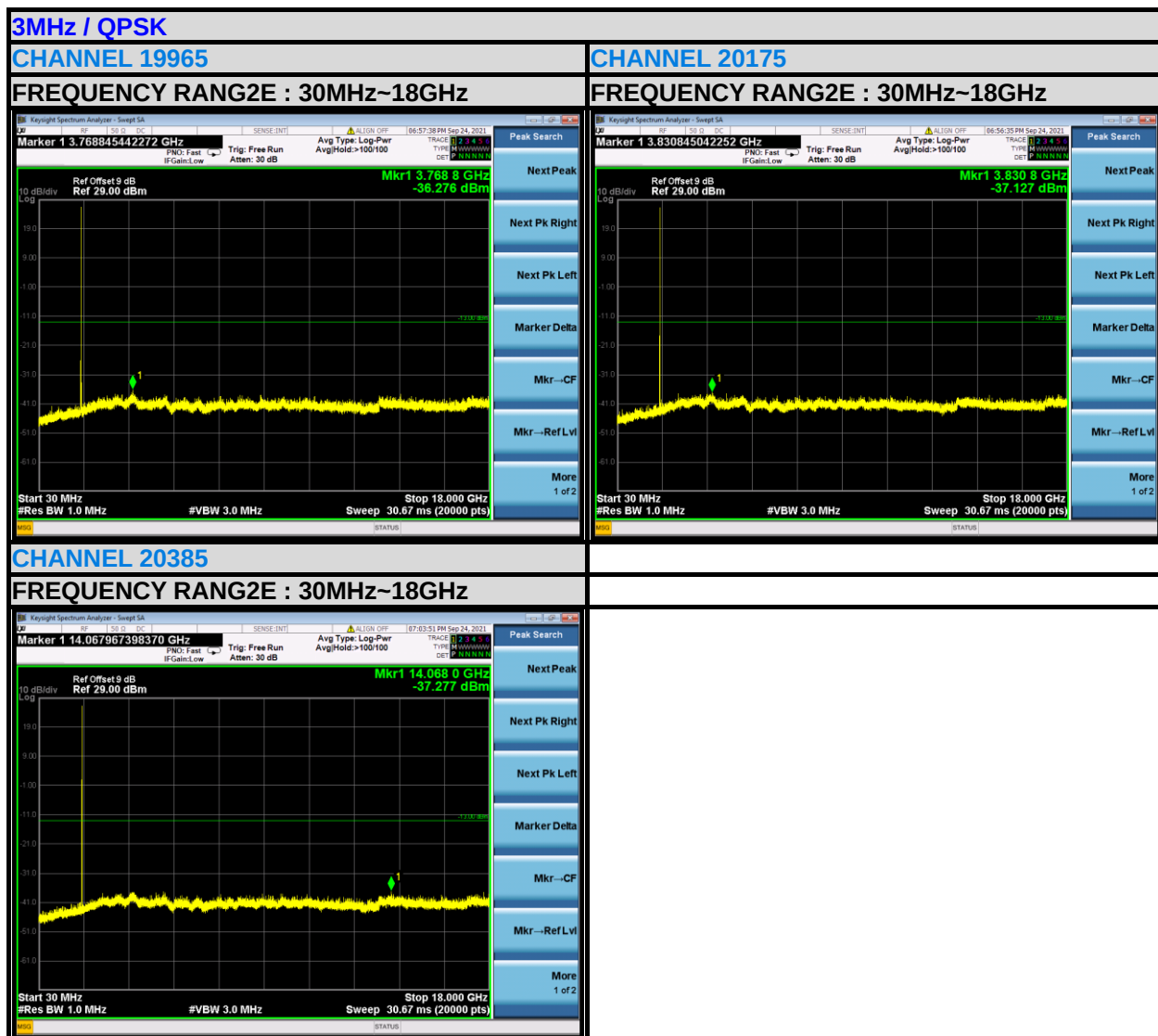
3.5.4 TEST RESULTS

Note: For 9KHz-30MHz, all emission lower than the limit 20dB, not recording data

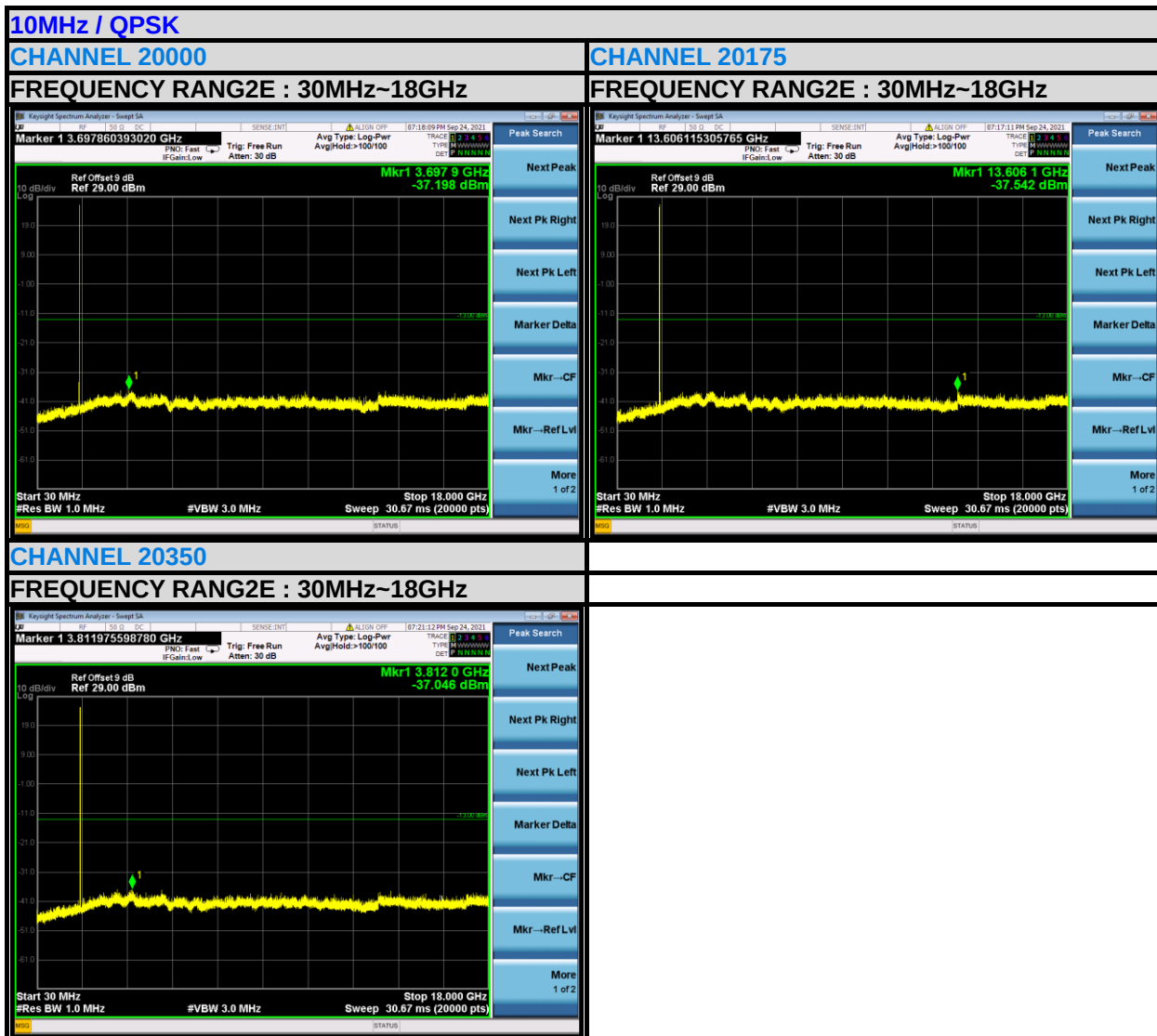
Worst case as below

LTE BAND 4















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Test Report No.: W7L-P21090017RF02

LTE BAND 12

