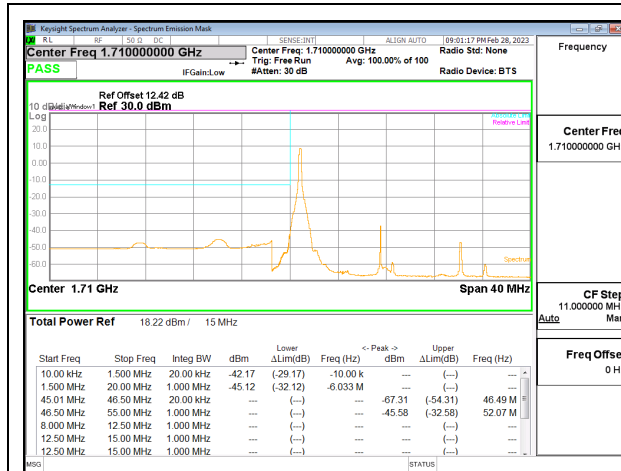
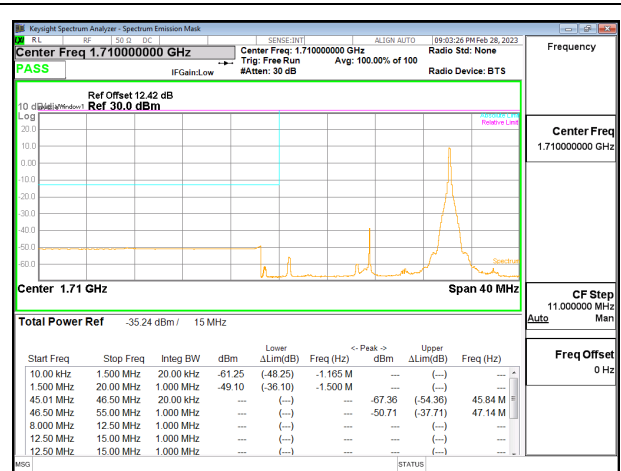
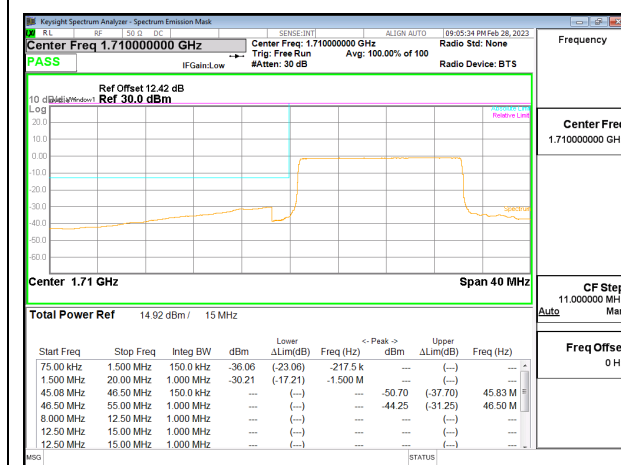




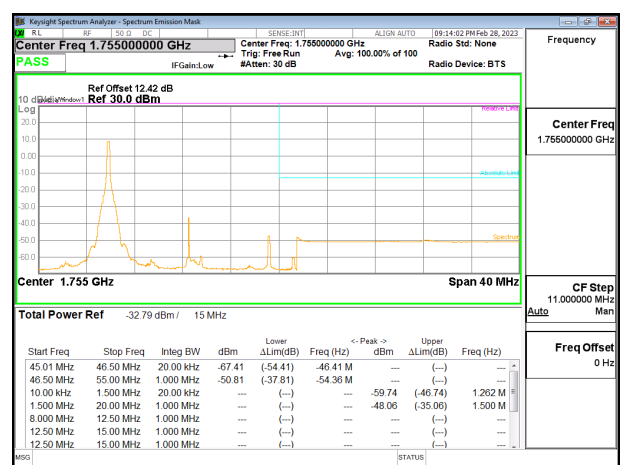
LTE4 15MHz 16QAM LOW Ch RB1-0



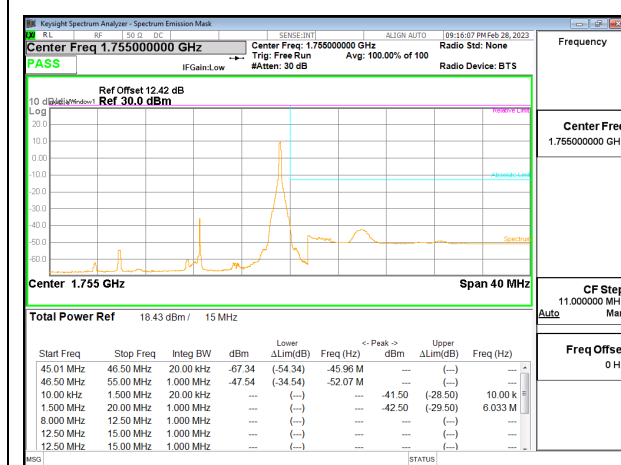
LTE4 15MHz 16QAM LOW Ch RB1-74



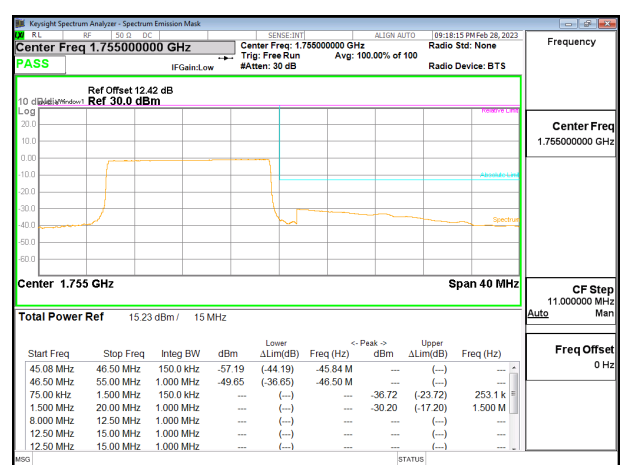
LTE4 15MHz 16QAM LOW Ch RB75-0



LTE4 15MHz 16QAM HIGH Ch RB1-0



LTE4 15MHz 16QAM HIGH Ch RB1-74



LTE4 15MHz 16QAM HIGH Ch RB75-0





9.2.7. LTE12

LIMITS

FCC: §27.53

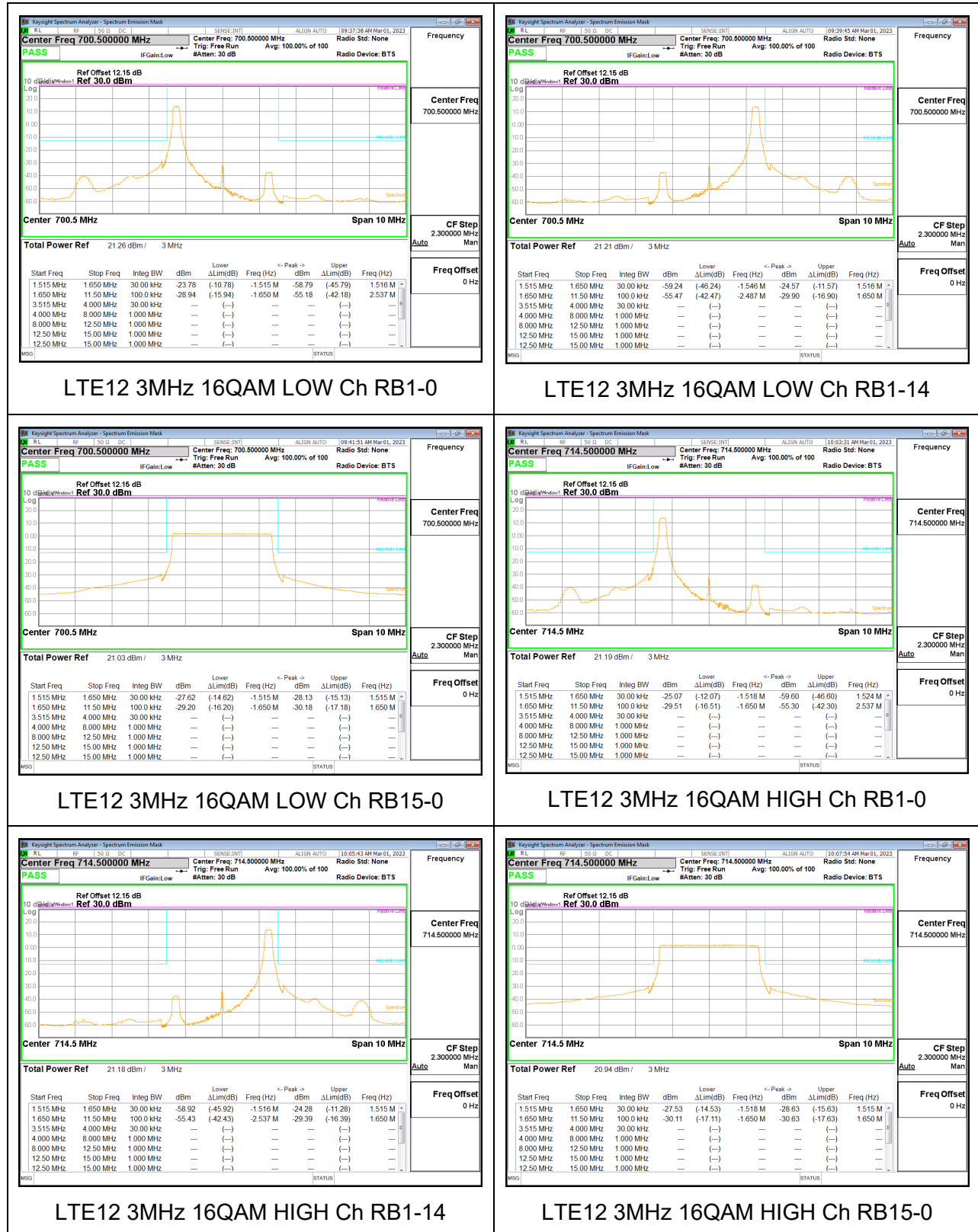
(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance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

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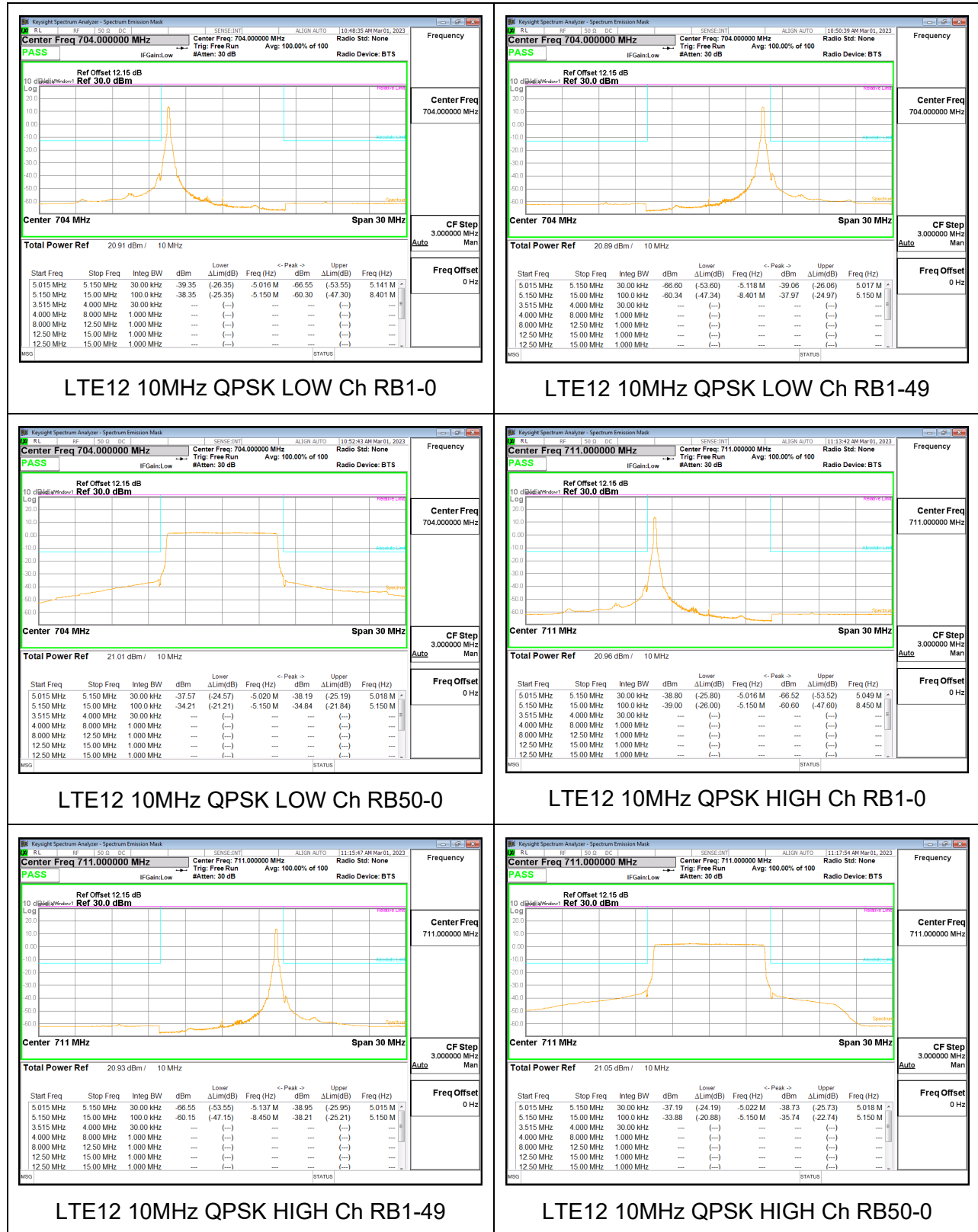


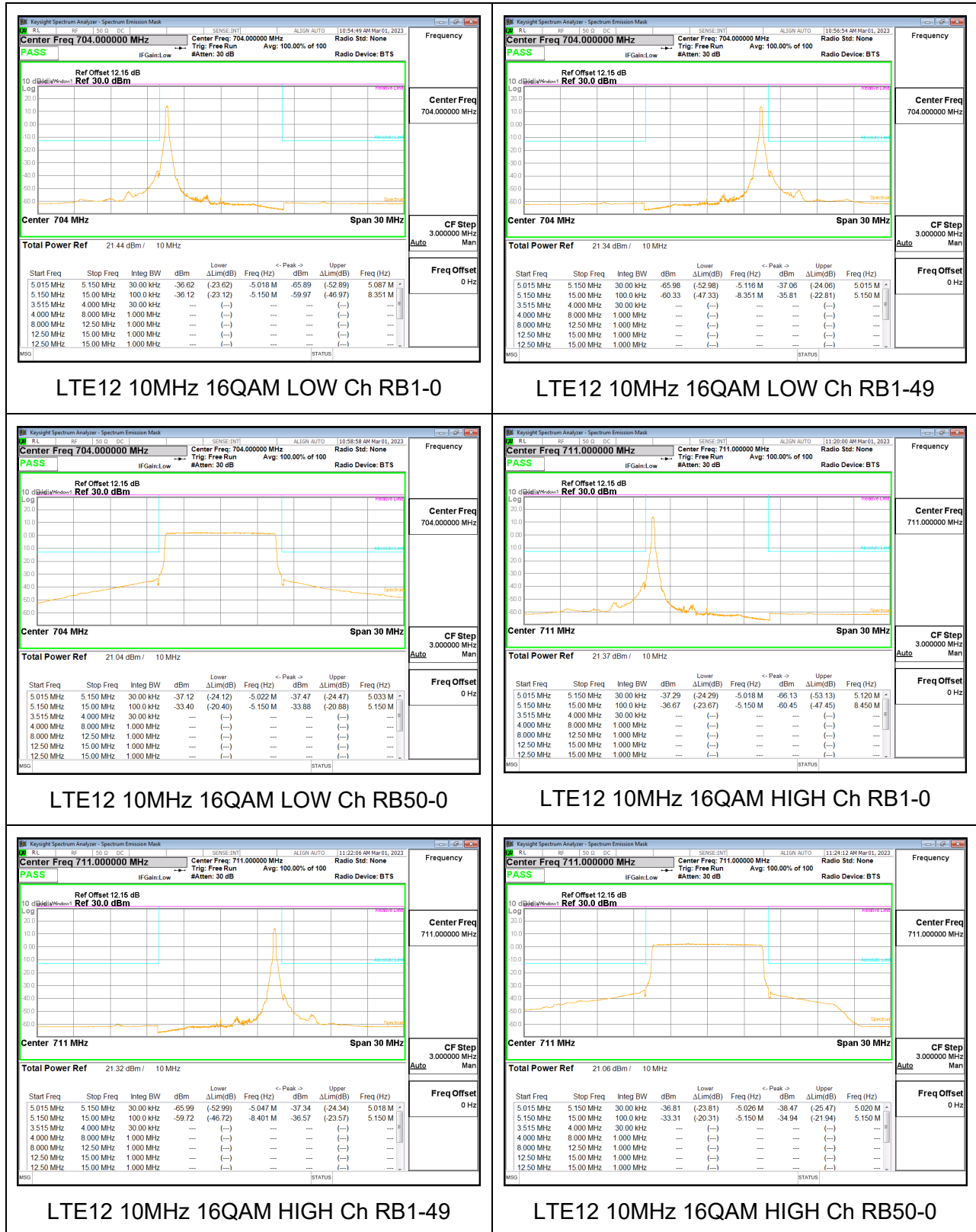












9.3. OUT OF BAND EMISSIONS

TEST PROCEDURE

The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold mode using a peak detector to ensure that the worst-case emissions were caught.

For each out of band emissions measurement:

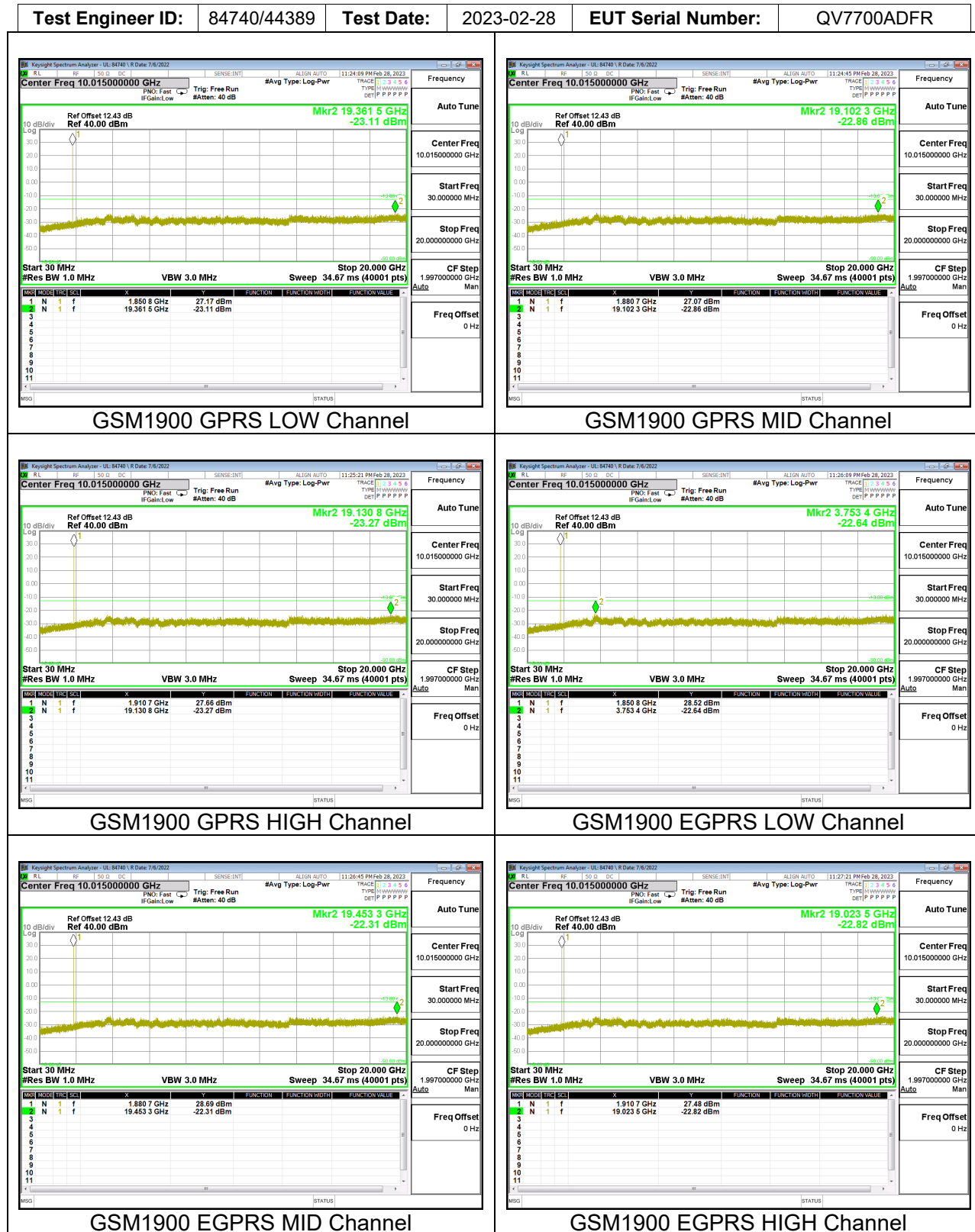
- (v) Set display line at -13 dBm, -25dBm and -40dBm according to the band Limit
- (vi) Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz. (NOTE: Worst case set RBW/VBW to 1MHz/3MHz)

RESULTS

9.3.1. GSM GSM850



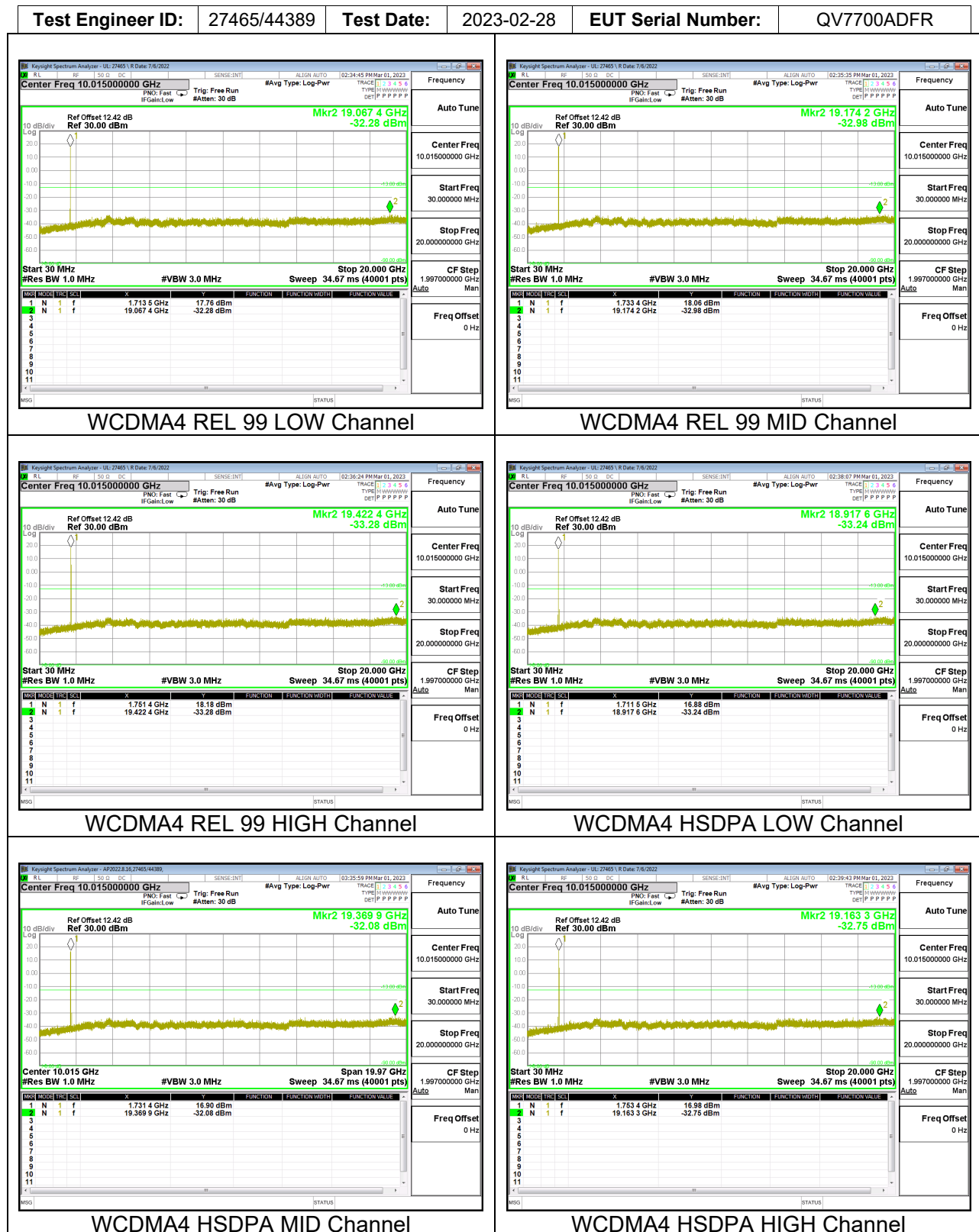
9.3.2. GSM GSM1900



9.3.3. WCDMA2



9.3.4. WCDMA4



9.3.5. LTE2**LIMITS**

FCC: §24.238

The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log (P)$ dB where transmitting power (P) in Watts.

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