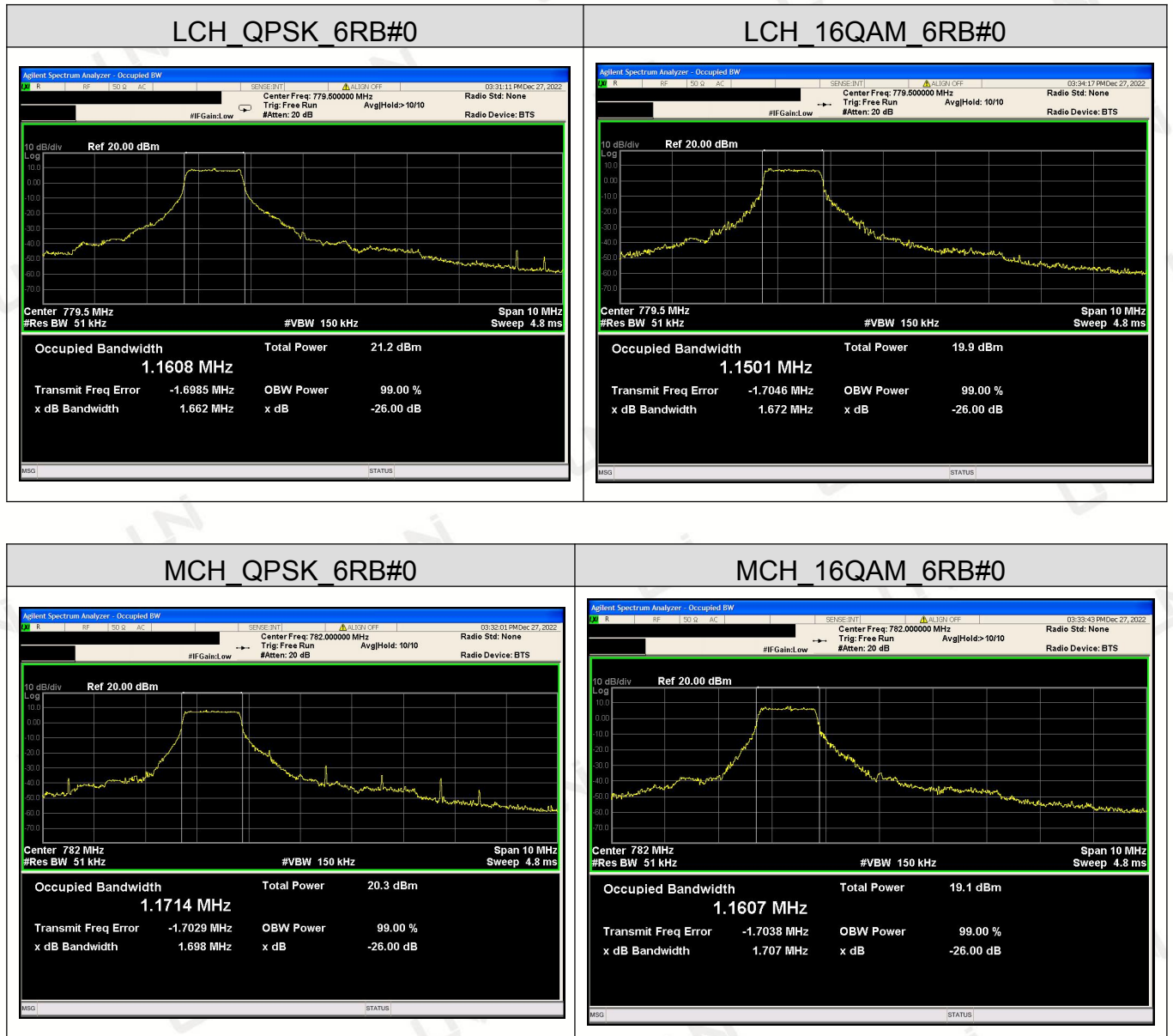
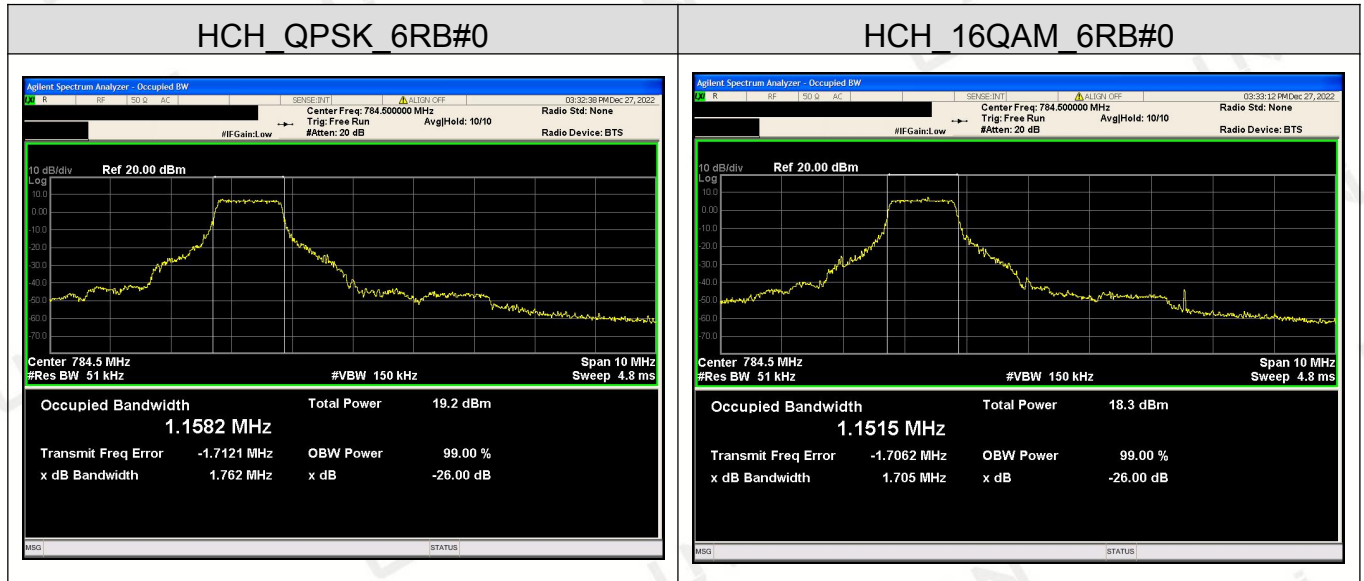


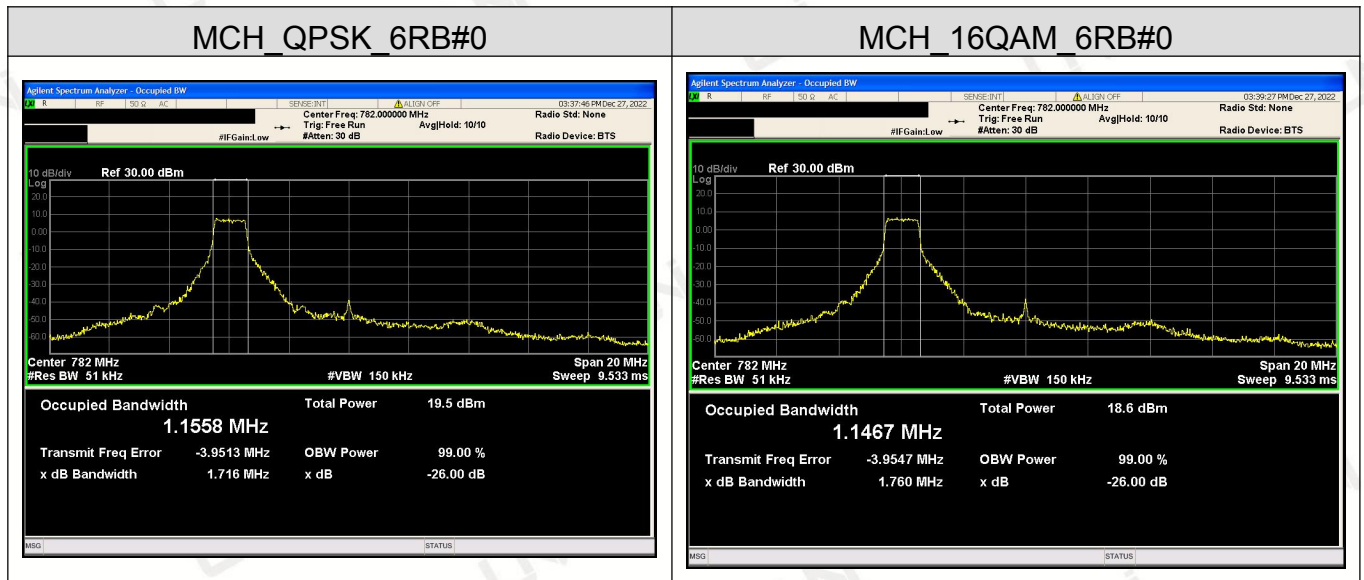
LTE Band 13

Channel Bandwidth: 5 MHz





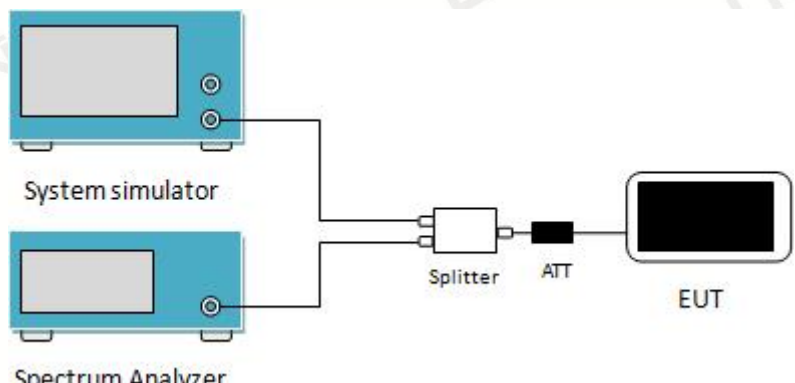
Channel Bandwidth: 10 MHz



6 MODULATION CHARACTERISTIC

According to FCC § 2.1047(d), Part 22H & 24E there is no specific requirement for digital modulation, therefore modulation characteristic is not presented.

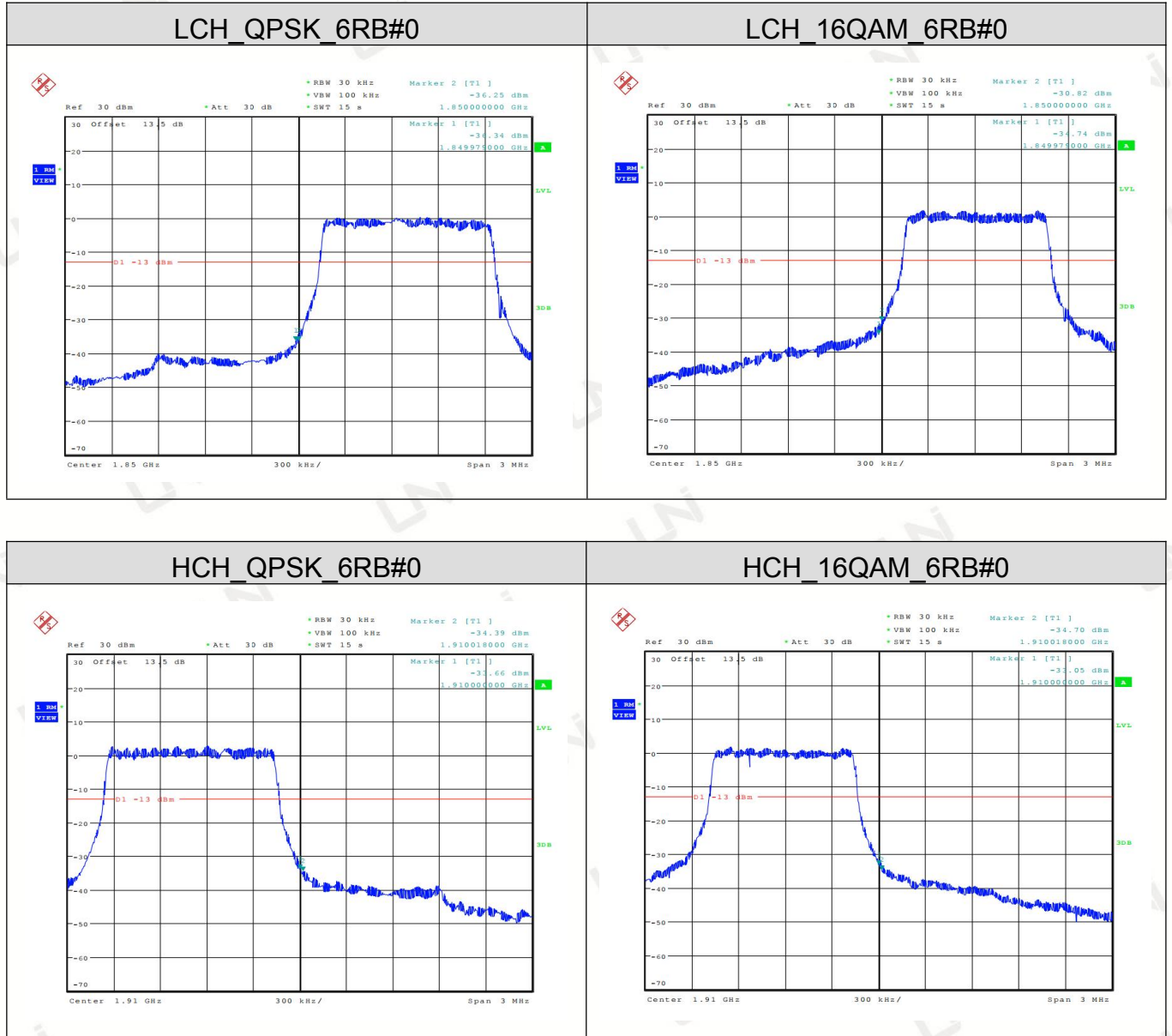
70UT OF BAND EMISSION AT ANTENNA TERMINALS

Test Requirement:	Part 22.917(a), Part 24.238 (a), part 27.53(g), part 27.53(h),
Limit:	§22.917, §24.238, §27.53 (c), (g), (h), §90.691, §90.543 (Band 14) The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log (P)$ dB where transmitting power (P) in Watts. §27.53 (a) (Band 30, 40) The minimum permissible attenuation level of any spurious emissions is $70 + 10 \log (P)$ dB where transmitting power (P) in Watts. §27.53 (m) (Band 7, 41) The minimum permissible attenuation level of any spurious emissions is $55 + 10 \log (P)$ dB where transmitting power (P) in Watts. §96.41 (e) 3.5 GHz Emissions and Interference Limits— (2) Additional protection levels. Notwithstanding paragraph (d)(1) of this section, the conducted power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz.
Test setup:	 The diagram illustrates the test setup. A System simulator and a Spectrum Analyzer are connected to a Splitter. The Splitter is connected to an ATT (Attenuator), which is then connected to the EUT (Equipment Under Test).
Test Procedure:	1 The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. 2 For the out of band: For Band 5 & 12 & 17 set the RBW=100 kHz, VBW=300 kHz and for Band 2 & 4 & 7 set the RBW=1 MHz, VBW=3 MHz when below 1 GHz, RBW =1 MHz, VBW=3 MHz when above 1 GHz, Start=30MHz, Stop= 10thharmonic. 3 Band Edge Requirements: In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to measure the out of band Emissions.
Test Instruments:	Refer to section 2.5 for details
Test mode:	Refer to section 2.3 for details
Test results:	Passed
Remark:	Pre-scan all RB Size and offset, and found the RB Size and offset of worst case, so the report shows only the worst case test data.

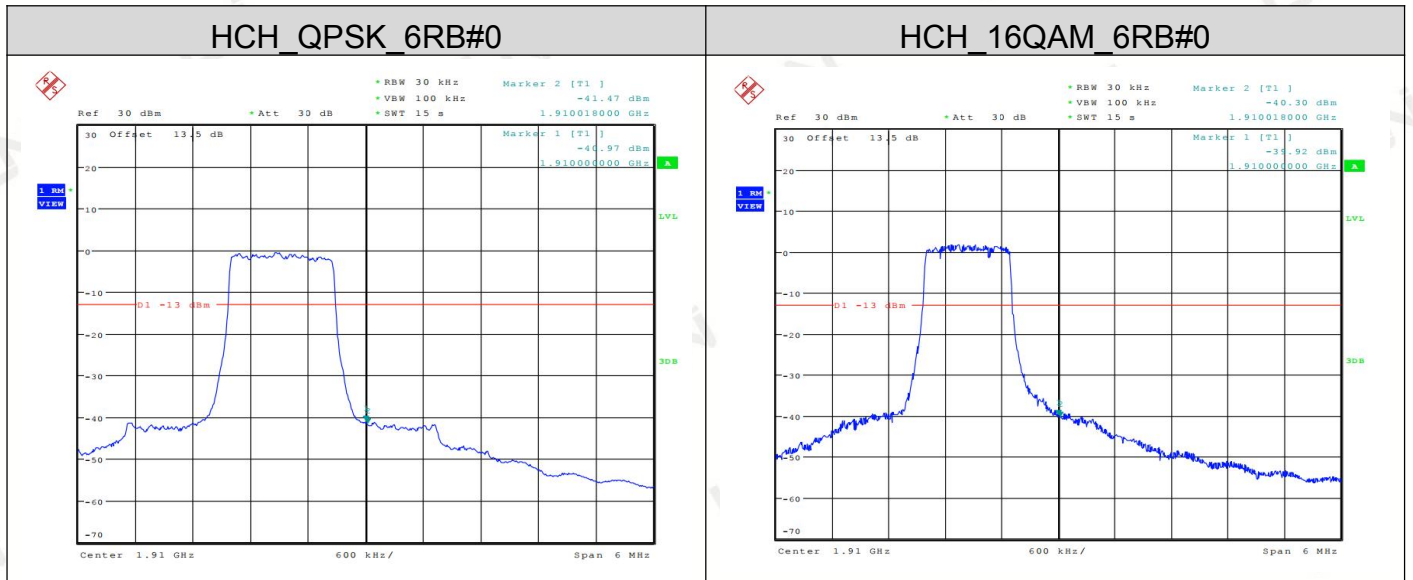
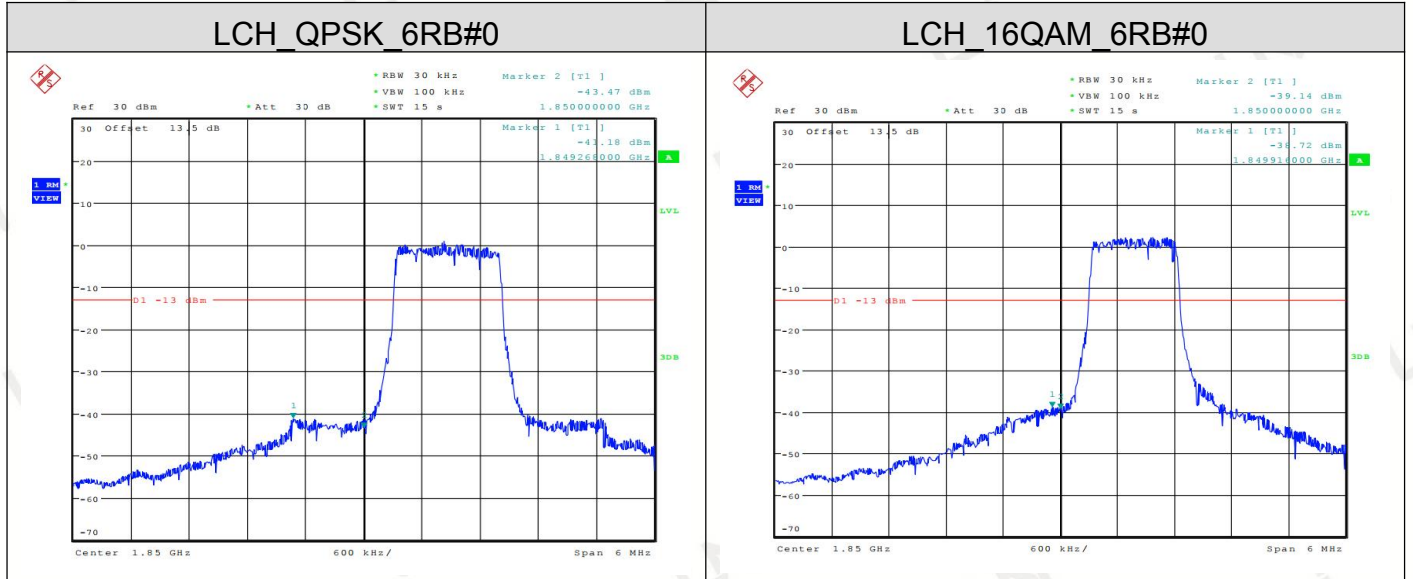
7.1 Test Result

LTE BAND 2

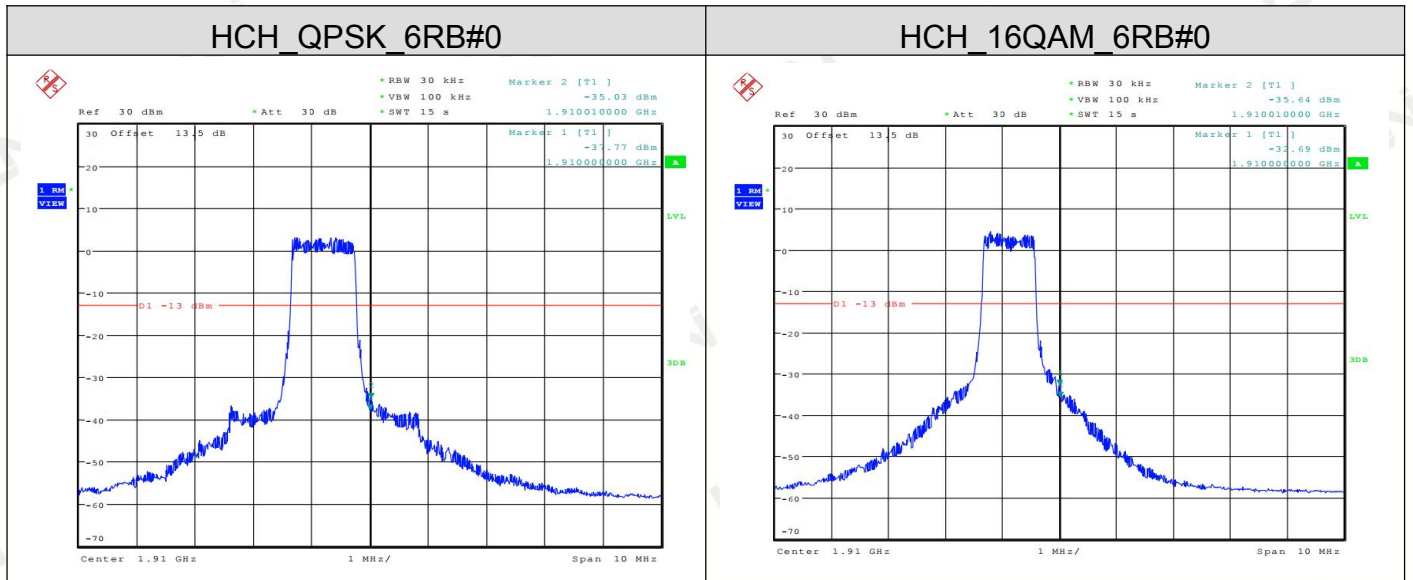
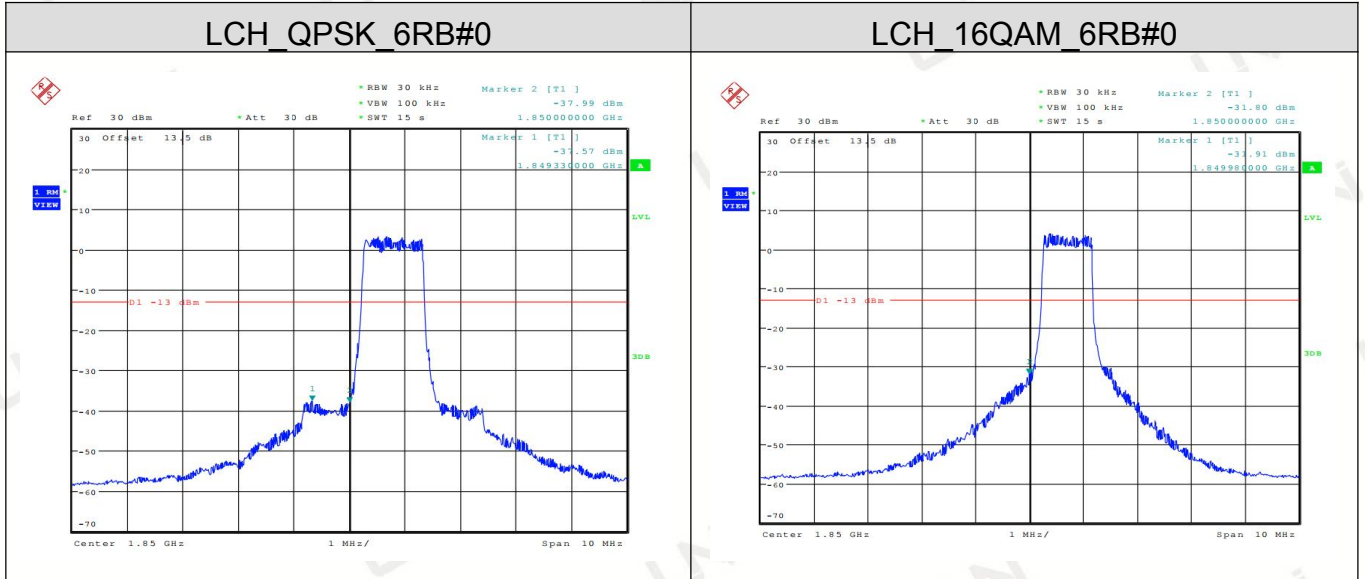
Channel Bandwidth: 1.4 MHz



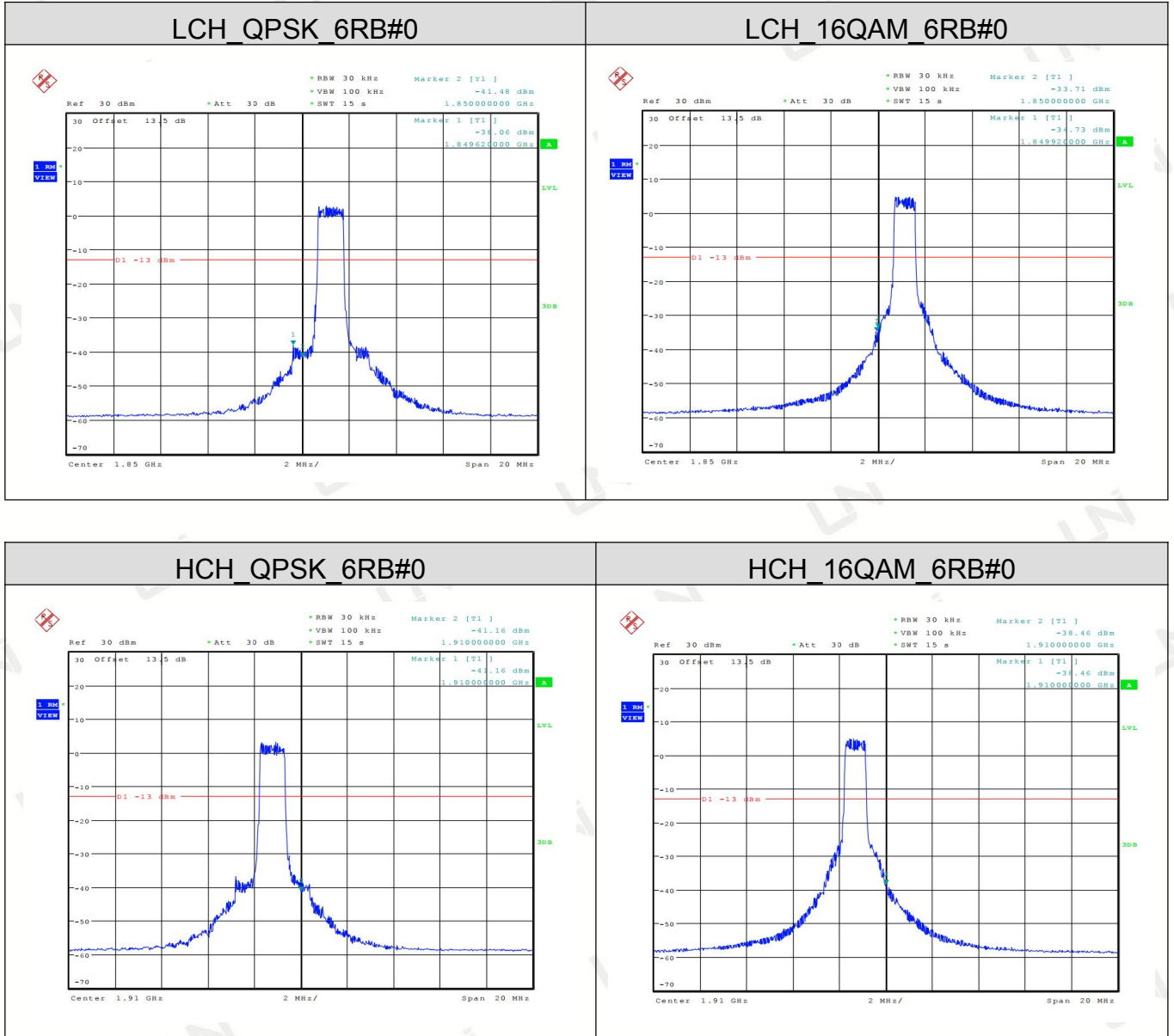
Channel Bandwidth: 3 MHz



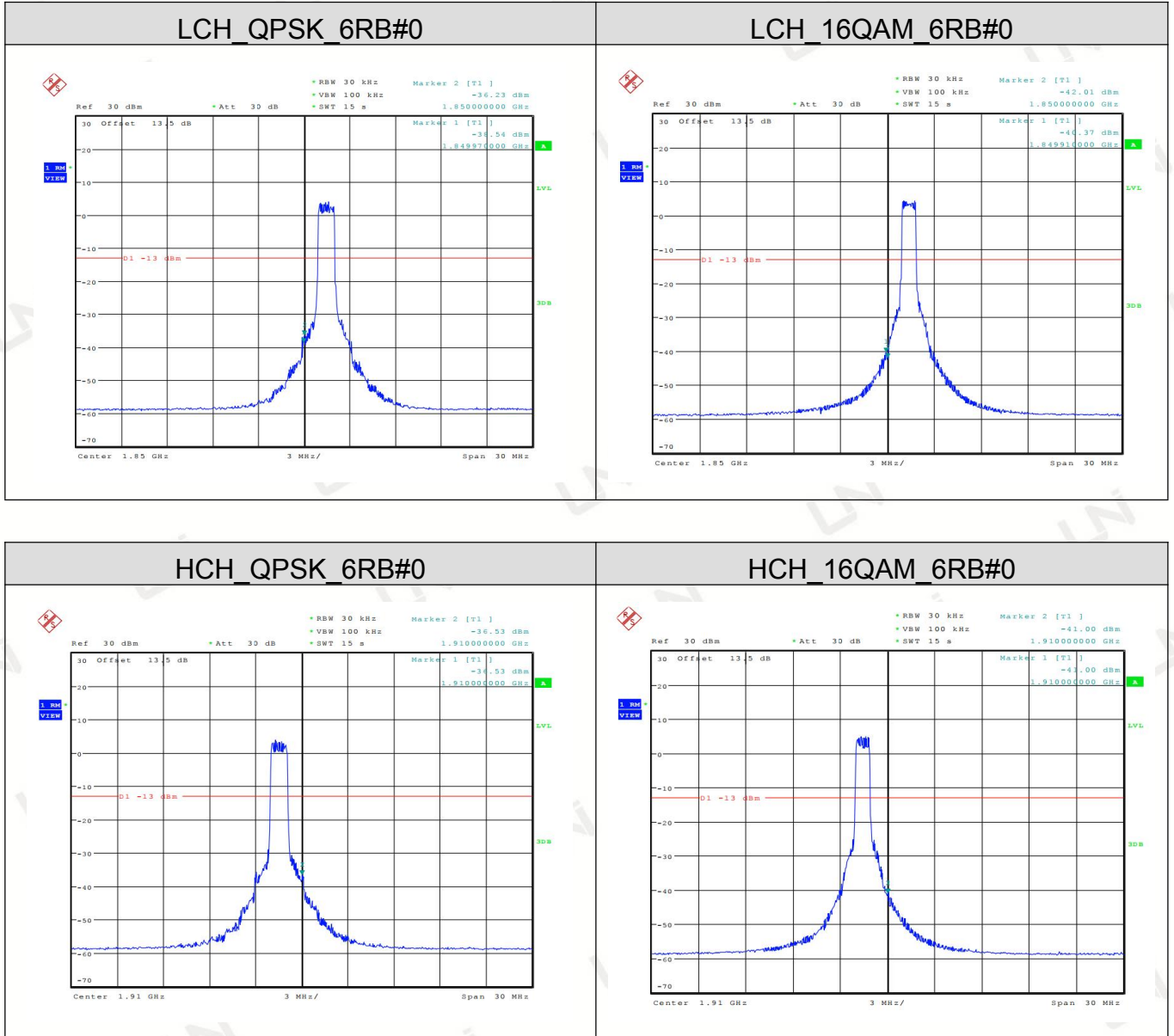
Channel Bandwidth: 5 MHz



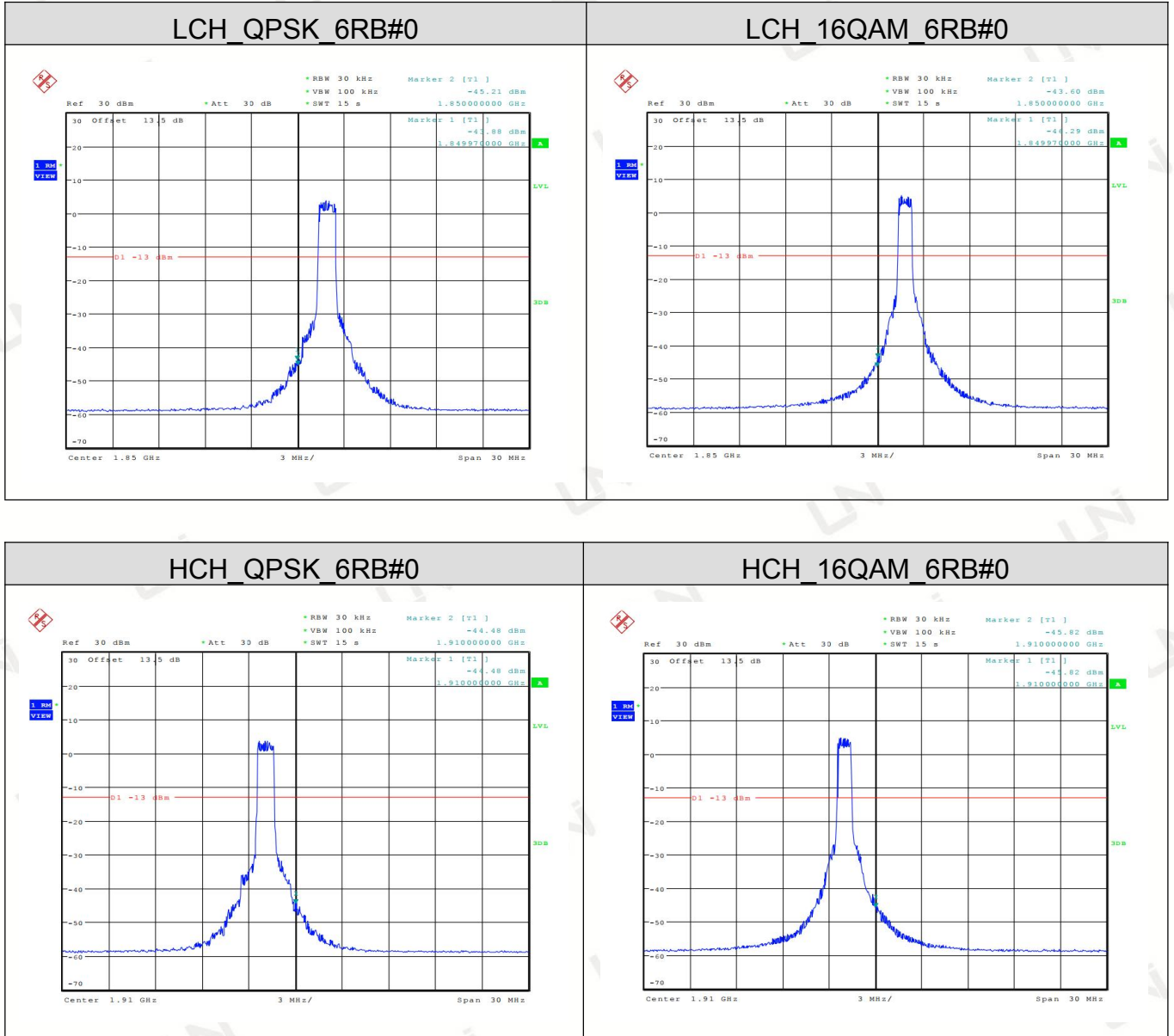
Channel Bandwidth: 10 MHz



Channel Bandwidth: 15 MHz

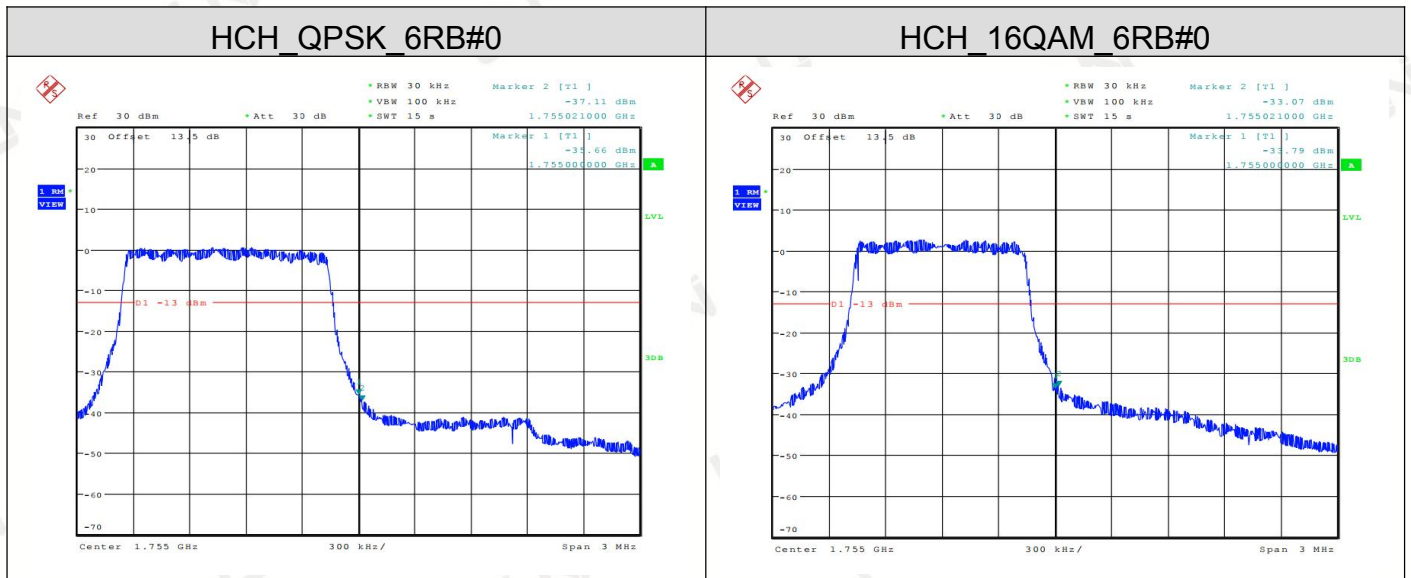
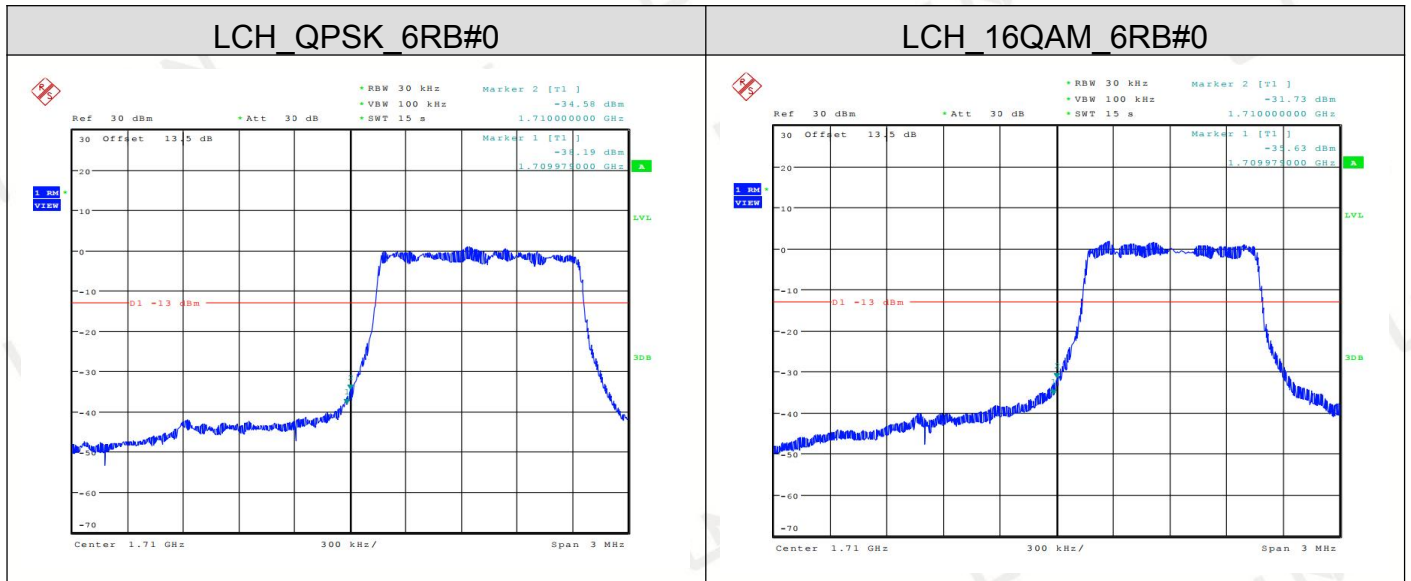


Channel Bandwidth: 20 MHz

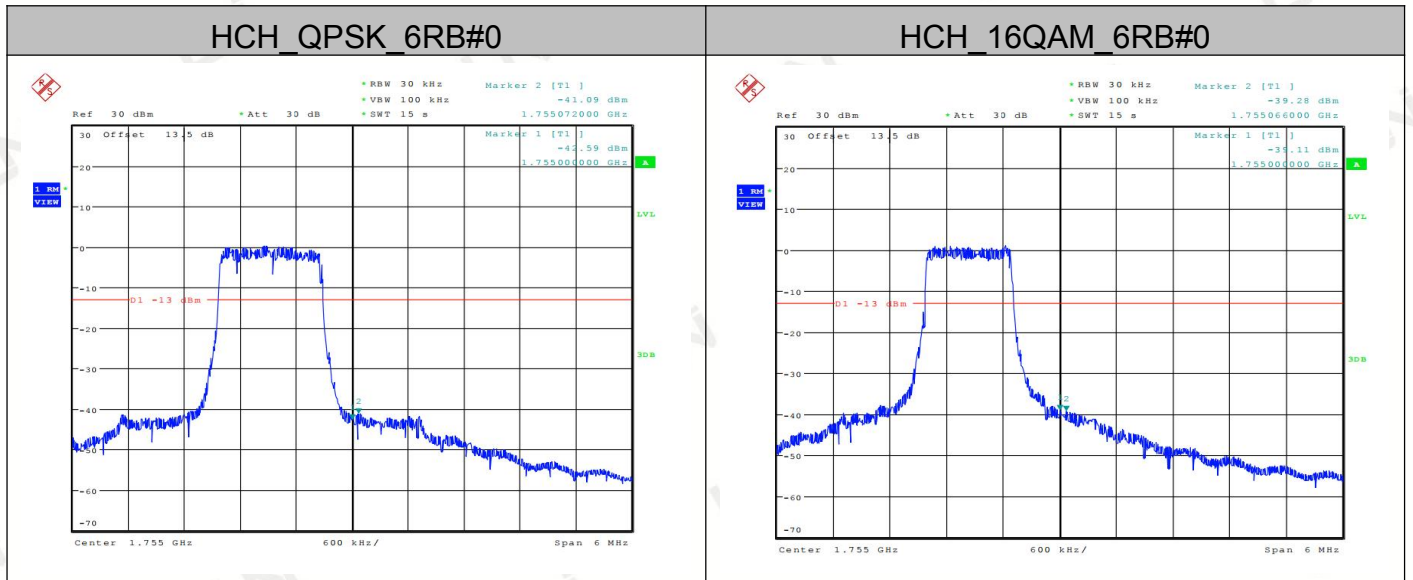
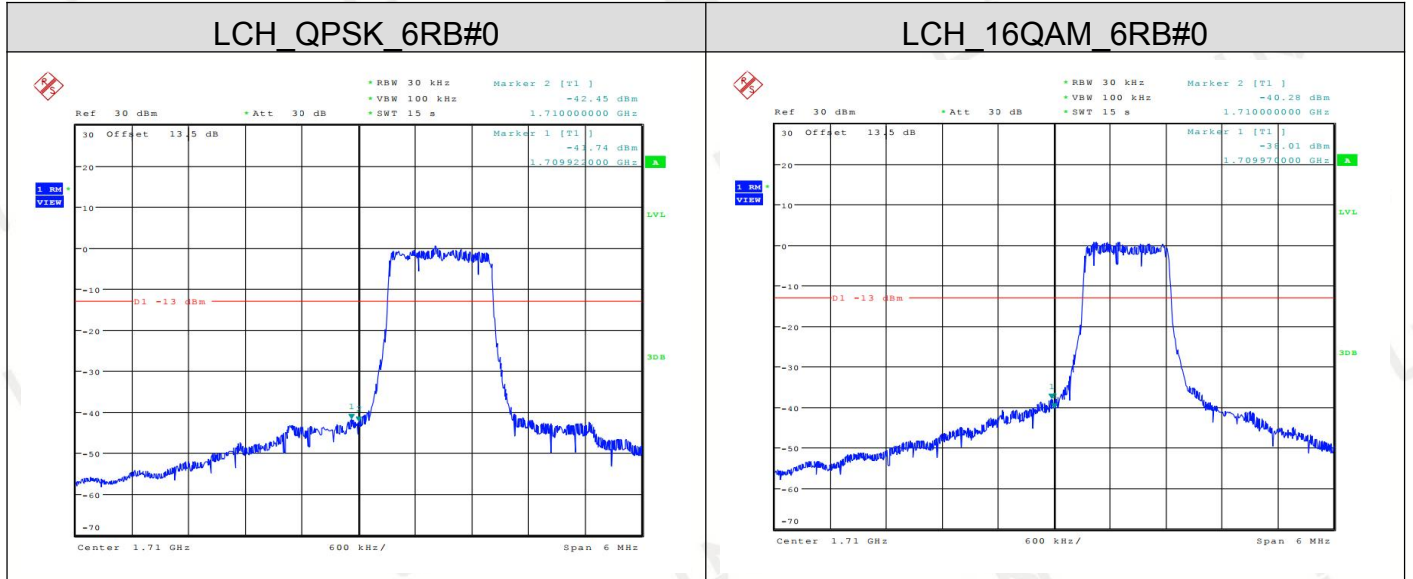


LTE BAND 4

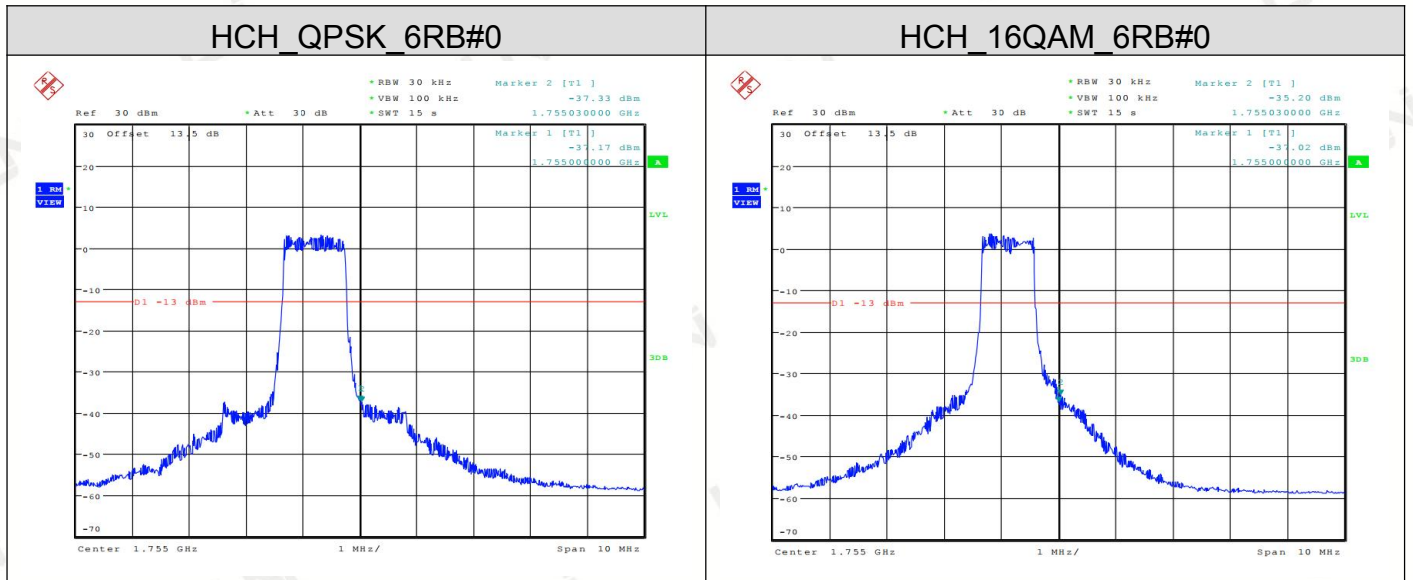
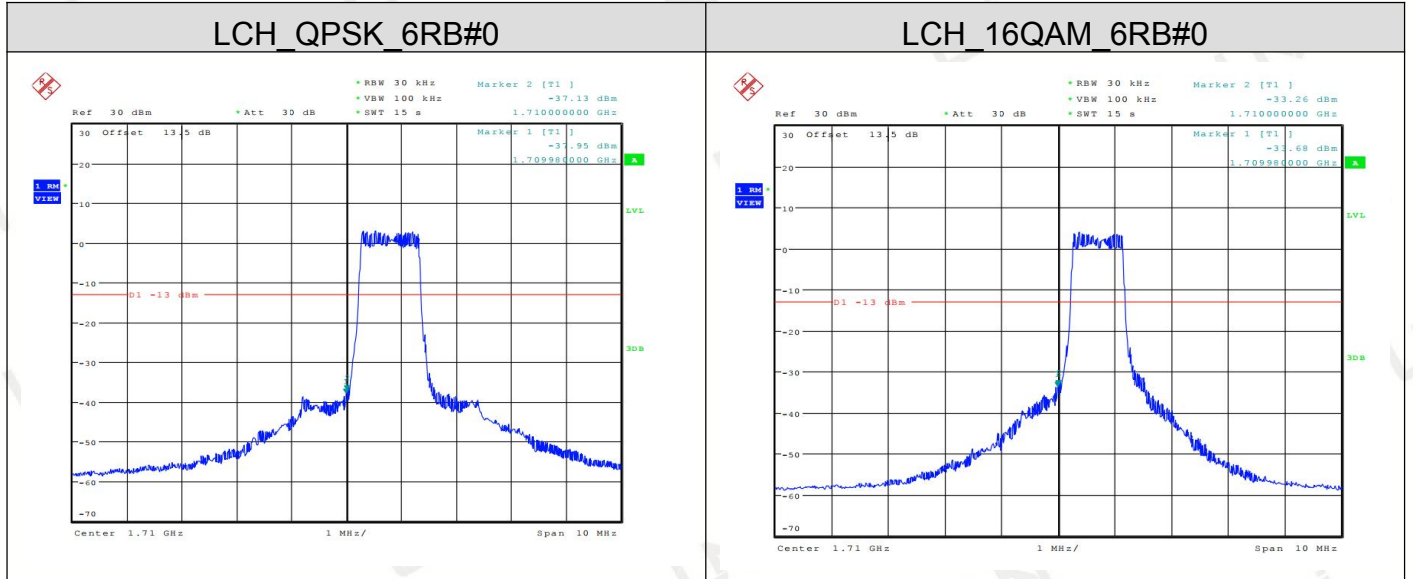
Channel Bandwidth: 1.4 MHz



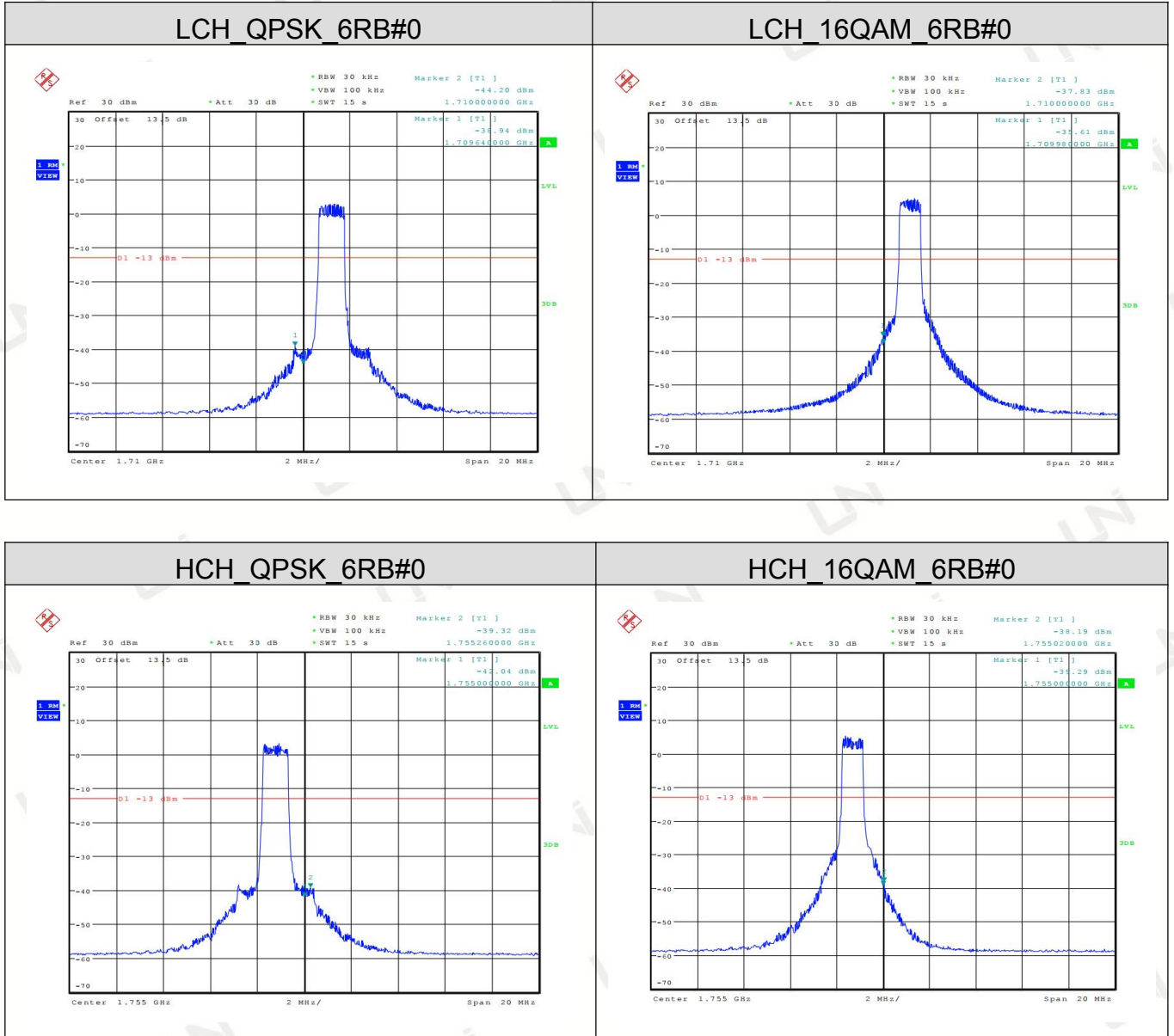
Channel Bandwidth: 3 MHz



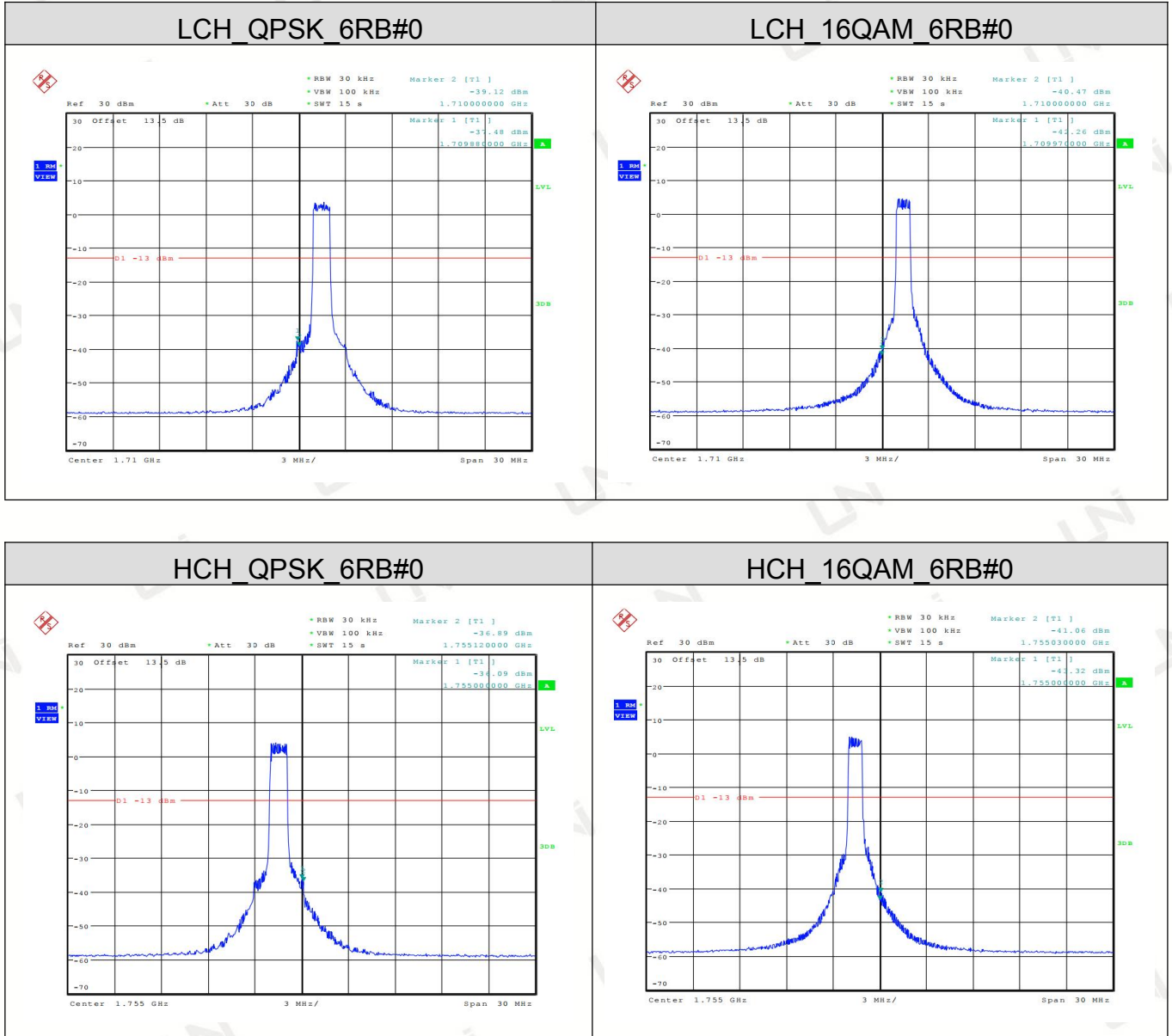
Channel Bandwidth: 5 MHz



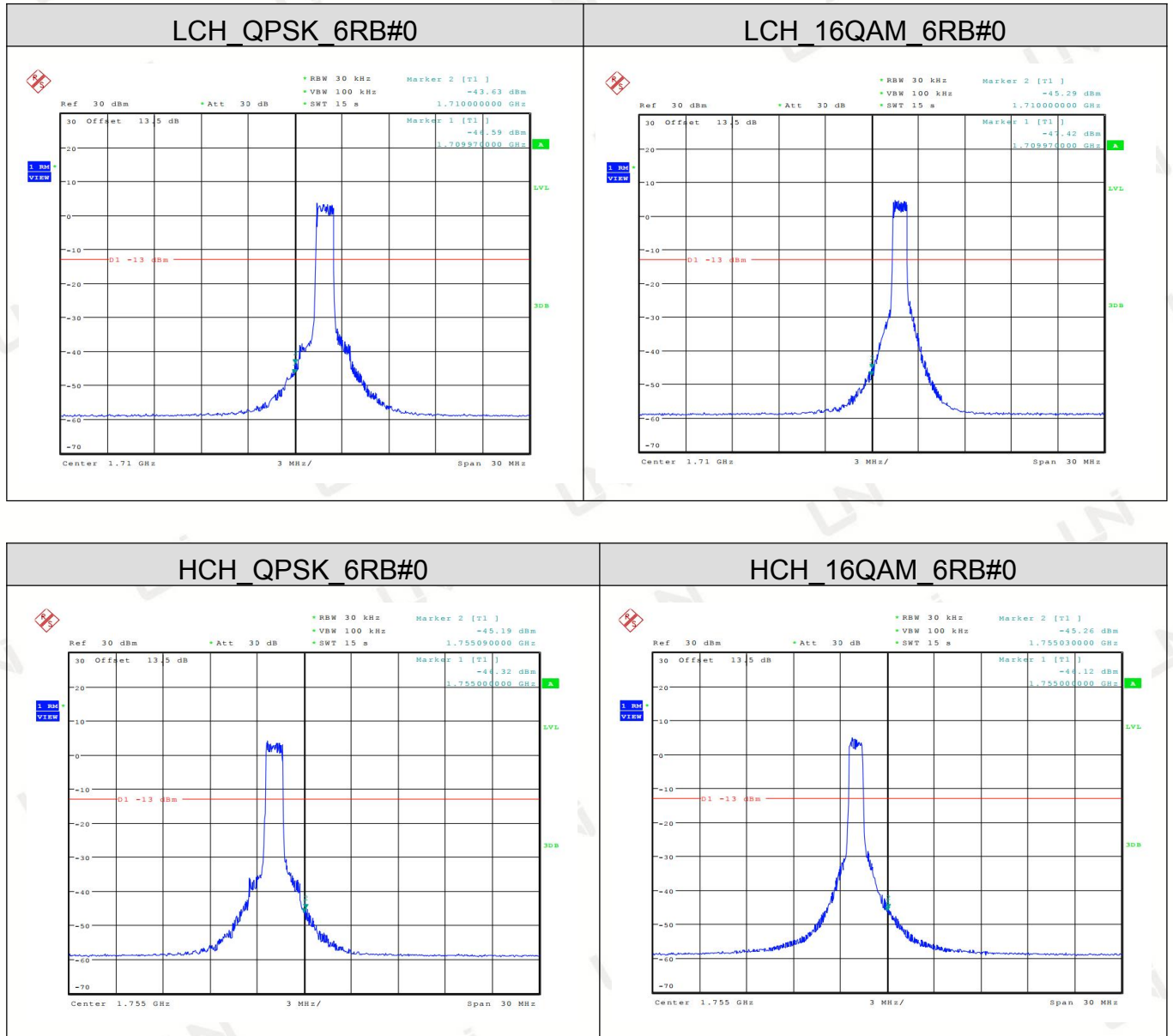
Channel Bandwidth: 10 MHz



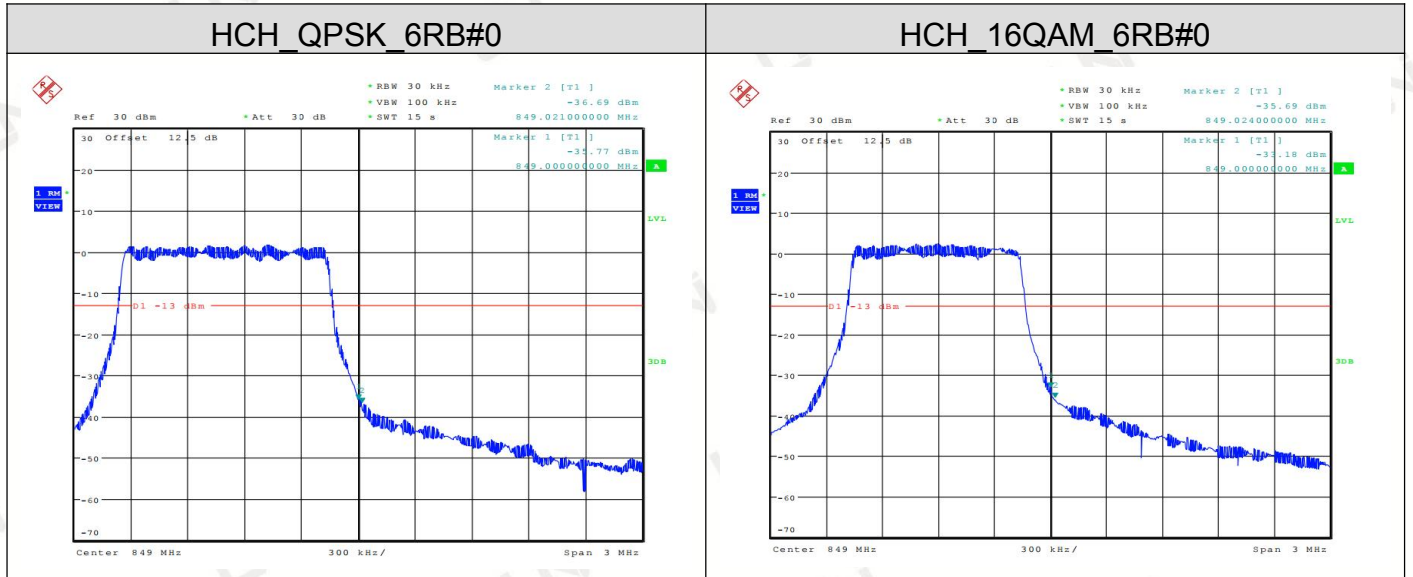
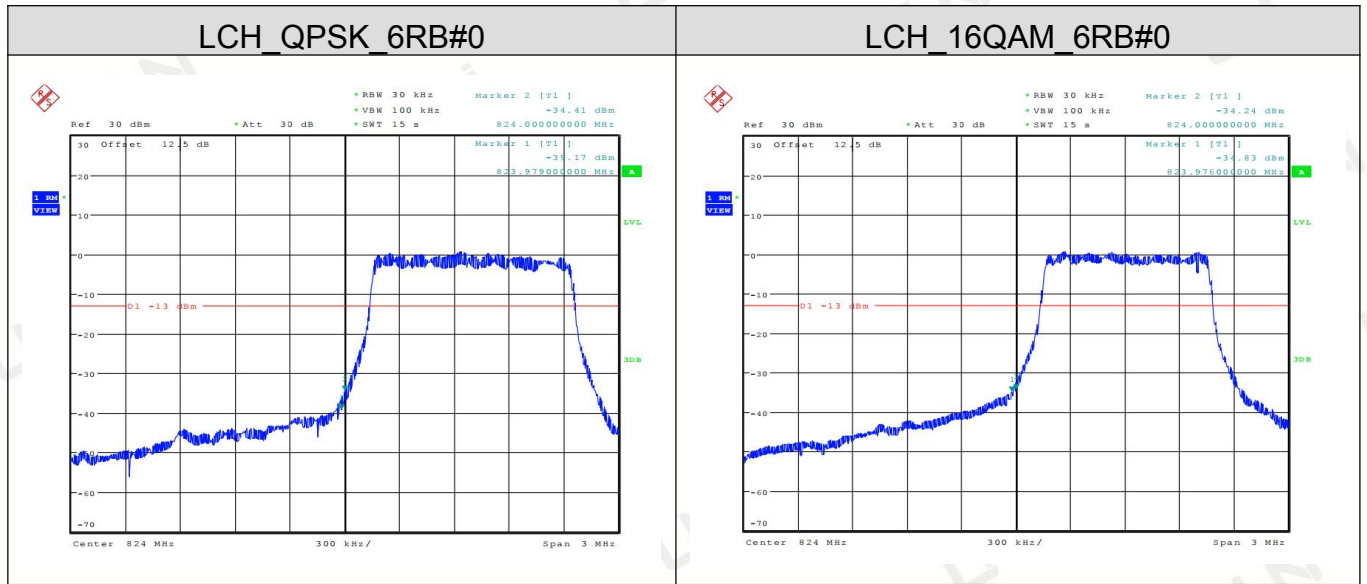
Channel Bandwidth: 15 MHz



Channel Bandwidth: 20 MHz



LTE BAND 5 **Channel Bandwidth: 1.4 MHz**



Channel Bandwidth: 3 MHz

