Band 66/ 15MHz/ Low CH/ QPSK

Band 66/ 15MHz/ Low CH/ 16QAM

Band 66/ 15MHz/Mid CH/ QPSK

Band 66/ 15MHz/Mid CH/ 16QAM

Band 66/ 15MHz/High CH/ QPSK

Band 66/ 15MHz/High CH/ 16QAM

Band 66/ 20MHz/ Low CH/ QPSK

Band 66/ 20MHz/ Low CH/ 16QAM

Band 66/ 20MHz/Mid CH/ QPSK

Band 66/ 20MHz/Mid CH/ 16QAM

Band 66/ 20MHz/High CH/ QPSK

Band 66/ 20MHz/High CH/ 16QAM

2.5. Conducted Spurious Emissions

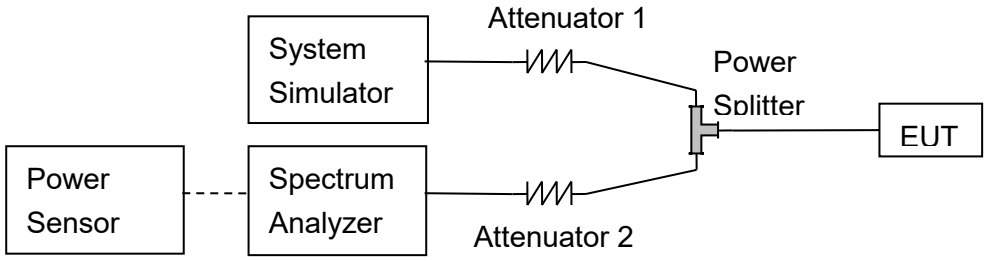
2.5.1. Requirement

According to FCC section 2.1051, 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. This calculated to be -13dBm.

Additional requirement for LTE Band 7/38/41:
The power of any emission outside of the authorized operating frequency ranges must beattenuated below the transmitting power (P) by a factor of at least 55 + 10 log(P) dB. This calculated to be -25dBm.

Additional requirement for LTE Band 30/40:
The power of any emission outside of the authorized operating frequency ranges must be attenuatedbelow the transmitter power (P) by a factor of at least 70 + 10 log (P) dB.This calculated to be -40dBm.

2.5.2. Test Description



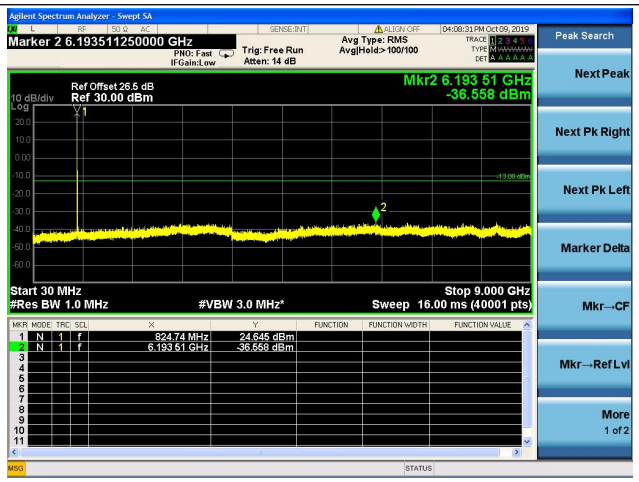
The EUTis coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.5.3. Test procedure

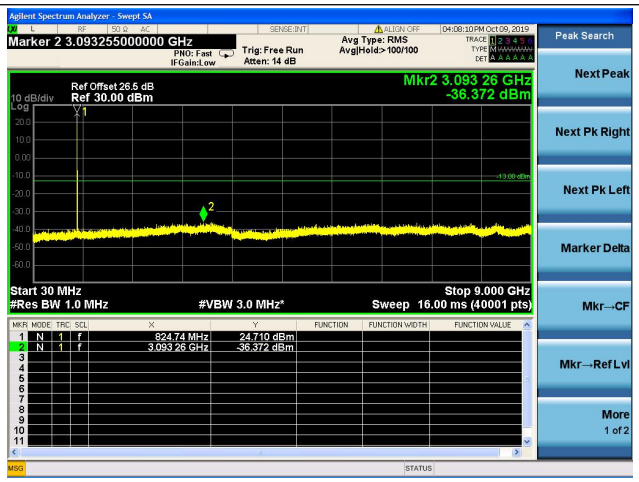
KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

2.5.4. Test Result

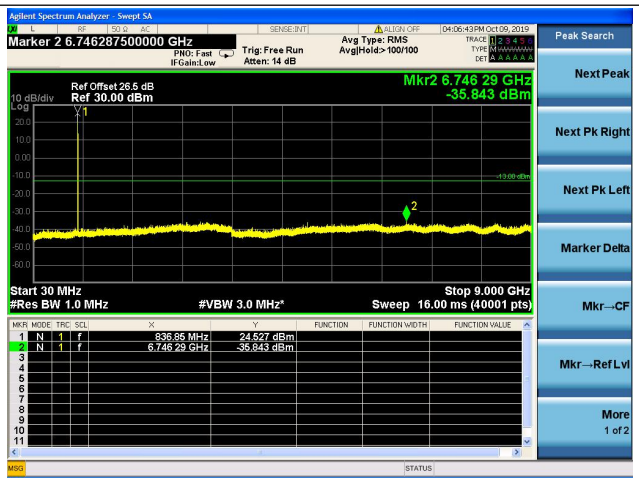
Band 26/ 1.4MHz/ Low CH/ QPSK



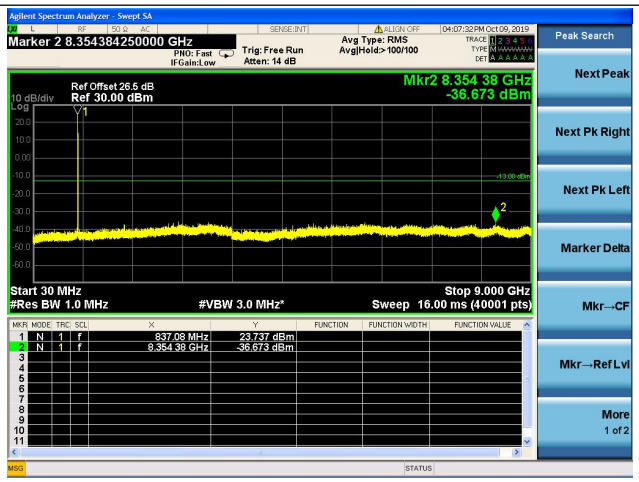
Band 26/ 1.4MHz/ Low CH/ 16QAM



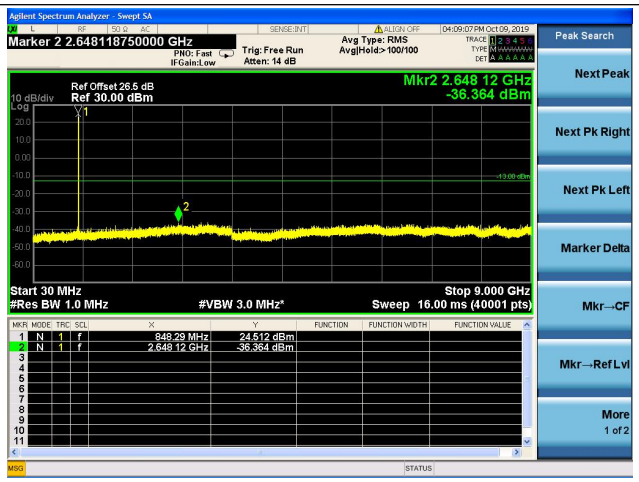
Band 26/ 1.4MHz/Mid CH/ QPSK



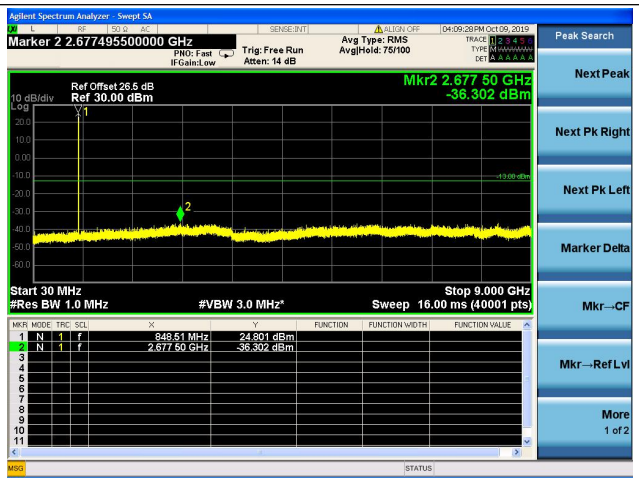
Band 26/ 1.4MHz/Mid CH/ 16QAM



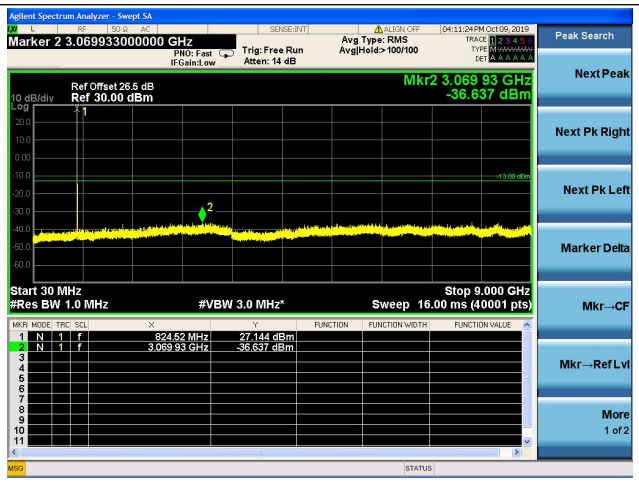
Band 26/ 1.4MHz/High CH/ QPSK



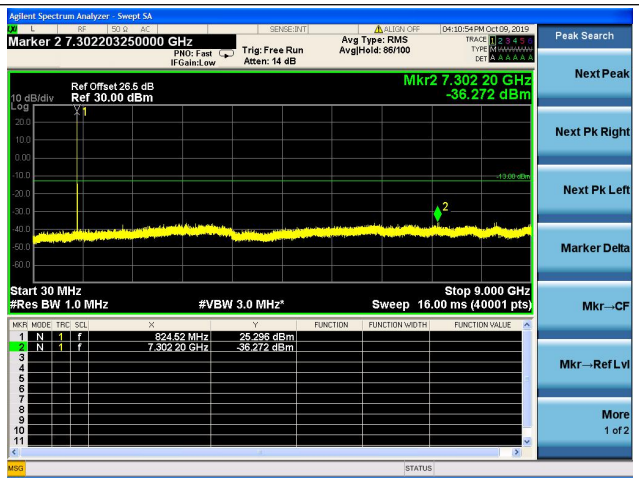
Band 26/ 1.4MHz/High CH/ 16QAM



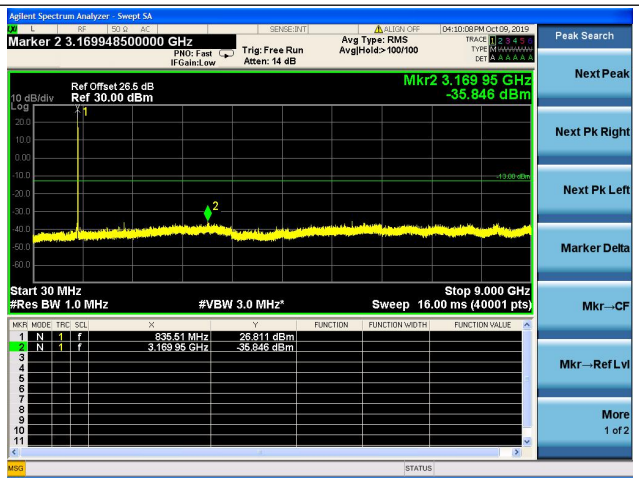
Band 26/ 3MHz/ Low CH/ QPSK



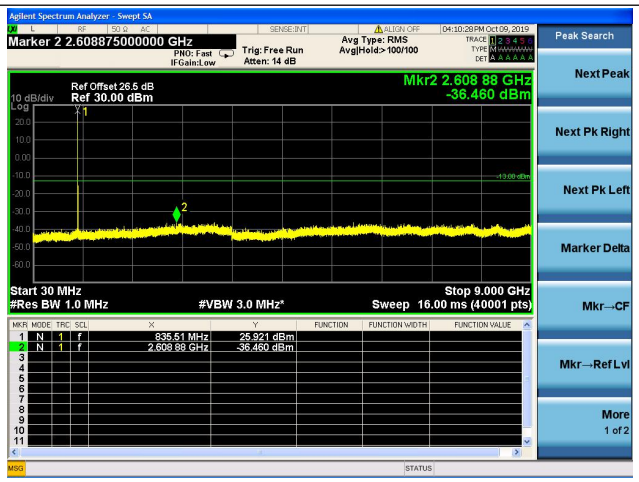
Band 26/ 3MHz/ Low CH/ 16QAM



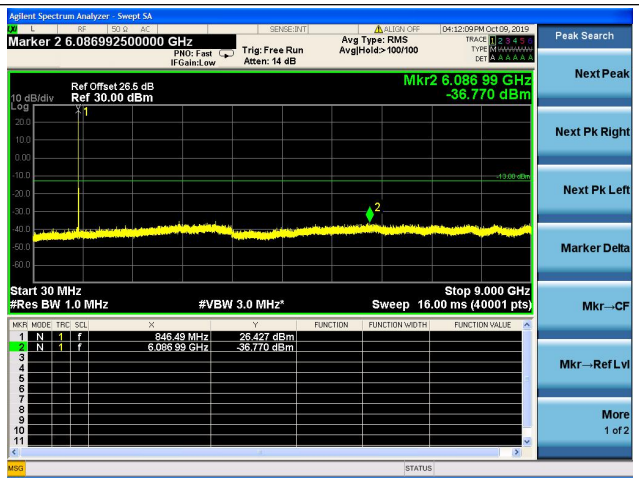
Band 26/ 3MHz/Mid CH/ QPSK



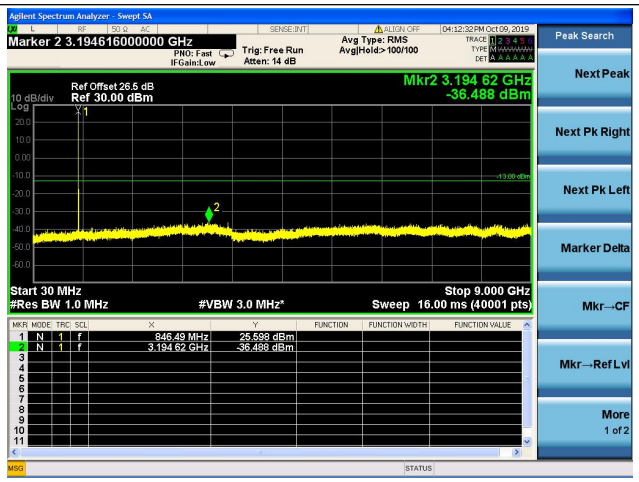
Band 26/ 3MHz/Mid CH/ 16QAM



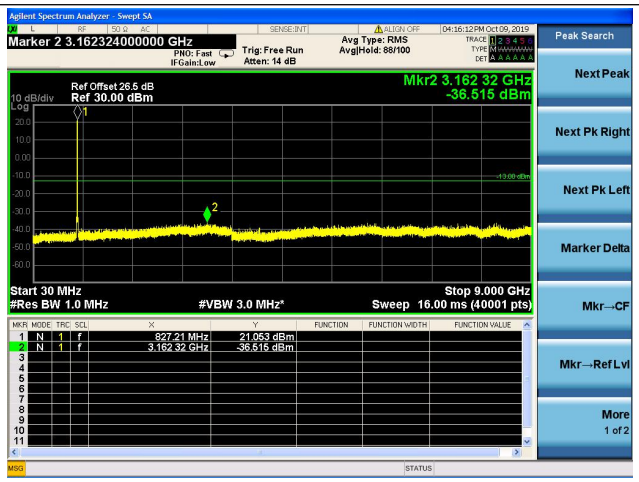
Band 26/ 3MHz/High CH/ QPSK



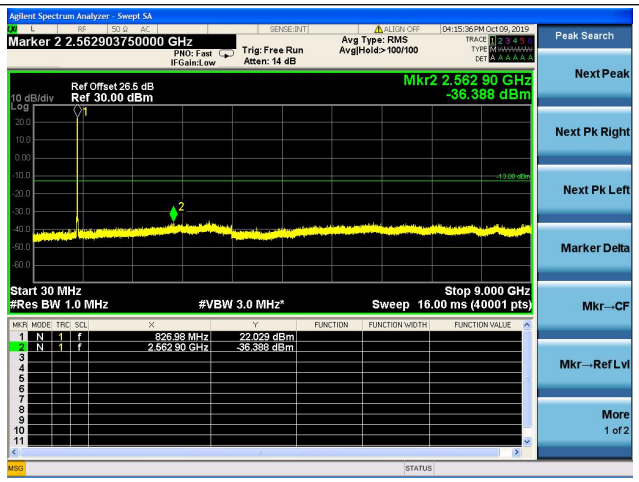
Band 26/ 3MHz/High CH/ 16QAM



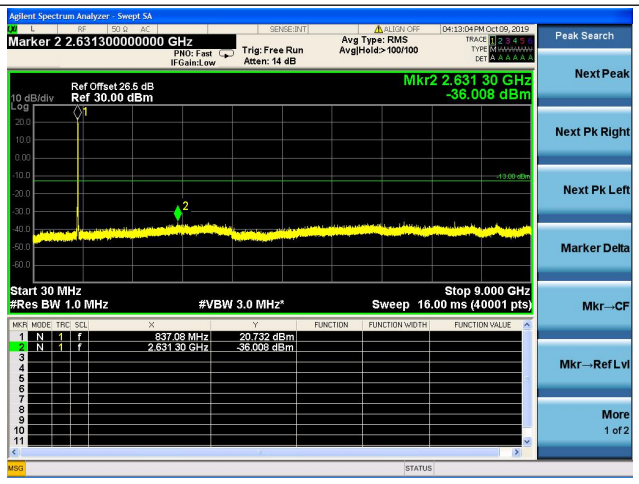
Band 26/ 5MHz/ Low CH/ QPSK



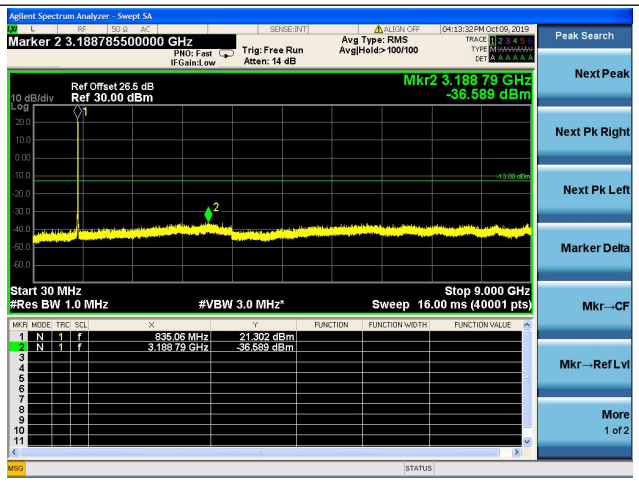
Band 26/ 5MHz/ Low CH/ 16QAM



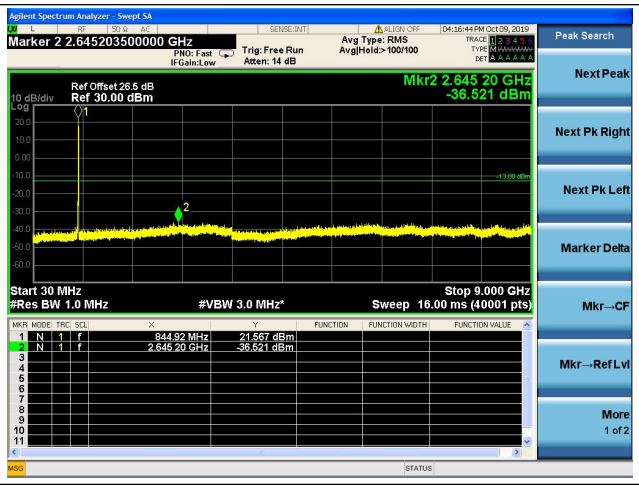
Band 26/ 5MHz/Mid CH/ QPSK



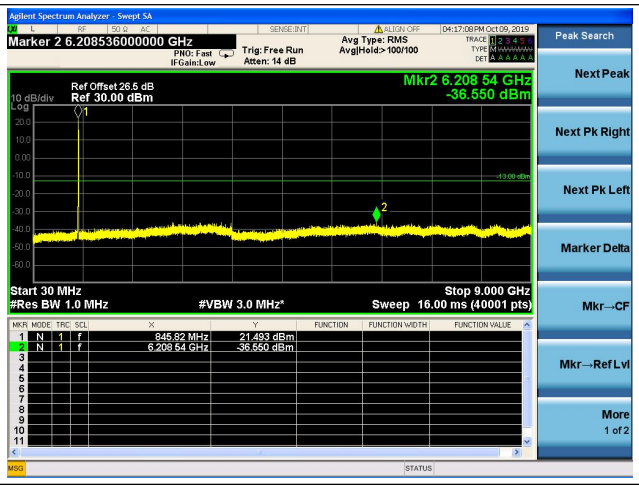
Band 26/ 5MHz/Mid CH/ 16QAM



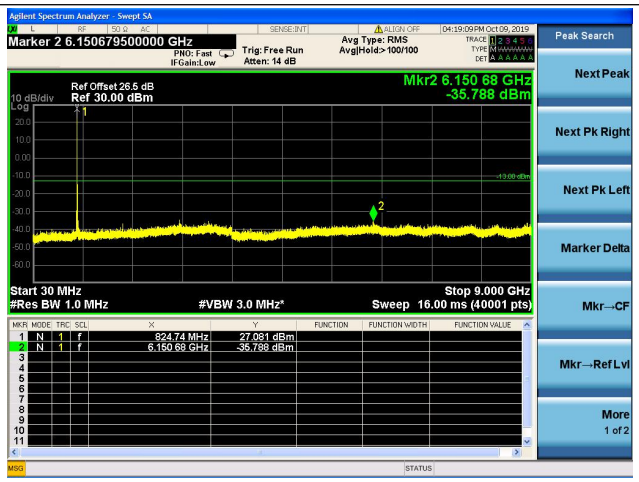
Band 26/ 5MHz/High CH/ QPSK



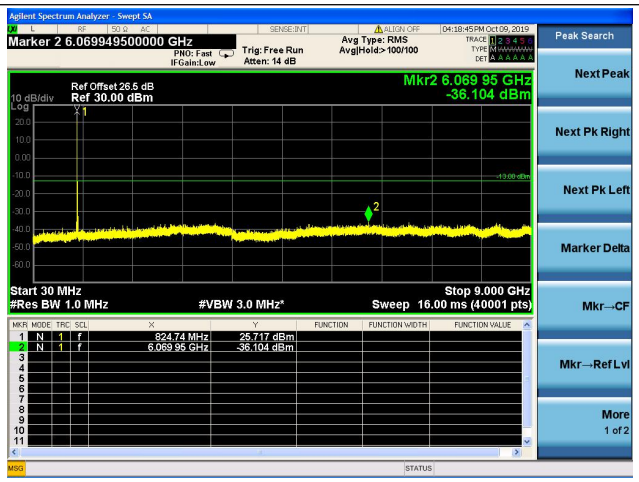
Band 26/ 5MHz/High CH/ 16QAM



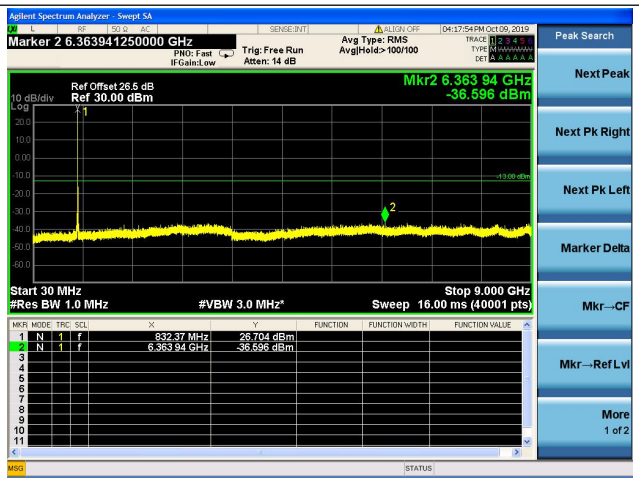
Band 26/ 10MHz/ Low CH/ QPSK



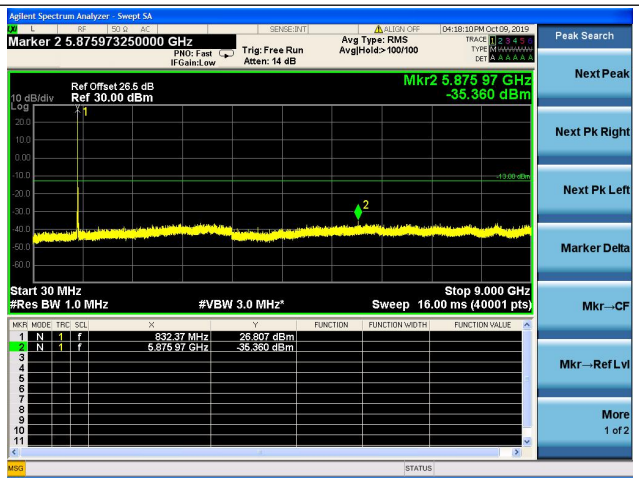
Band 26/ 10MHz/ Low CH/ 16QAM



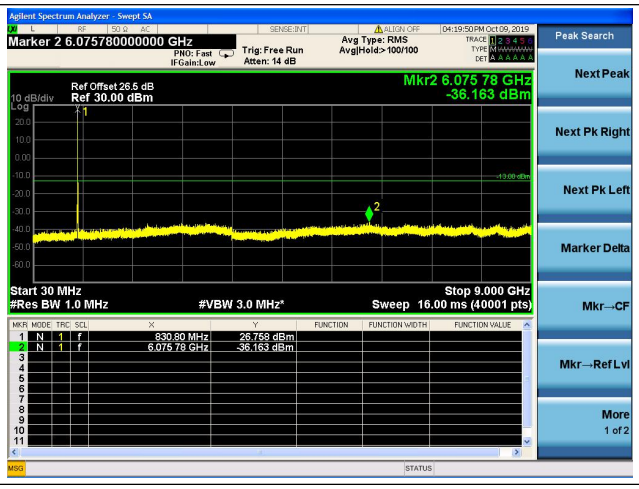
Band 26/ 10MHz/Mid CH/ QPSK



Band 26/ 10MHz/Mid CH/ 16QAM



Band 26/ 10MHz/High CH/ QPSK



Band 26/ 10MHz/High CH/ 16QAM