3GPP2 Industry Notification re AUTH_DATA in SMS, January 2005
3GPP2 experts have become aware of a potential problem in generating AUTH_DATA in C.S0015-A (Short Message Service (SMS) for Wideband Spread Spectrum Systems – Revision A) and C.S0015-B (Short Message Service (SMS) for Wideband Spread Spectrum Systems – Revision B) mobile stations. The potential problem occurs in certain cases when DIGIT_MODE = ‘1’ for the destination address of mobile originated messages. In particular, the problem occurs when the mobile station encodes the digits 0-9, *, or #.

3GPP2 has identified a solution to this encoding problem and will incorporate it into the next revision of the aforementioned specifications.