

TLEN 5830-AWL
HW-08
Due 03/21/2017

Purpose: Gain familiarity with the 3GPP set of data standards specifications:

- **General organization**
- **Specification groups and specification numbering**
- **Sidelink, ProSe, D2D**

Background: All the information will be found on the 3GPP website: www.3gpp.org

8-1: Define the below acronyms:

PCG:

RAN:

TSG:

CT:

WG:

8-2: Concisely (outline bullets) list the focus areas of:

TSG RAN:

TSG SA:

TSG CT:

8-3: Where is 3GPP addressing mission critical communications? What application is the initial focus of the work?

8-4: What work is currently going on in regards to LTE D2D in Release 14? (see: <http://www.3gpp.org/DynaReport/SpecReleaseMatrix.htm>)

8-5: What are the release dates of LTE Releases Rel-9 through Rel-15? Which LTE Releases are currently involve active work?

8-6: Create a table that shows the objectives for sidelink/ProSe/D2D for Release-12 through Release-15.

8-7: What anticipated evolution and/or additional capabilities relating to Sidelink, ProSe, and D2D can be expected as 3GPP progresses toward 5G? (See “Technologies/Presentations and White Papers”).