(1) Frame Header

```
87 typedef struct MmwDemo_output_message_header_t
      /*! @brief Output buffer magic word (sync word). It is initialized to {0x0102,0x0304,0x0506,0x0708} */
89
     uint16_t magicWord[4];
      /*! brief Version: : MajorNum * 2^24 + MinorNum * 2^16 + BugfixNum * 2^8 + BuildNum */
92
     uint32_t
94
      /*! @brief Total packet length including header in Bytes */
95
     uint32_t totalPacketLen;
97
      /*! @brief platform type */
98
     uint32_t
99
100
     /*! @brief Frame numbe
uint32_t frameNumber;
                Frame number */
101
102
103
     104
105
106
      /*! @brief Number of detected objects */
107
108
     uint32_t numDetectedObj;
109
      /*! @brief Number of TLVs */
110
111
     uint32_t numTLVs;
112
113 #if (defined(SOC_XWR16XX)||defined(SOC_XWR18XX) || defined(ENABLE_ADVANCED_FRAME))
     /* SOC_XWR18XX has 2 demo modes. In mmw demo mode which is similar to xwr16xx 
* ENABLE_ADVANCED_FRAME is enabled while in mmwhwa mode which is similar to xwr14xx
114
115
      * it is disabled. Due to these 2 demo modes the SOC_XWR18XX is not used directly
     /*! @brief For Advanced Frame config, this is the sub-frame number in the range

* 0 to (number of subframes - 1). For frame config (not advanced), this is always

* set to 0. */
      * in the above #if.*/
117
     /*! @brief
118
120
121
     uint32_t subFrameNumber;
122 #endif
123 } MmwDemo_output_message_header;
                                                               Writable Smart Insert 100:5
        (2) TLV header
 180 typedef struct MmwDemo output message tl_t
 181 {
 182
            /*! @brief
                               TLV type */
 183
            uint32 t
                               type;
 184
 185
             /*! @brief Length in bytes */
 186
            uint32_t
                               length;
 187
 188 } MmwDemo_output_message_tl;
(3) QFormat
162 typedef struct MmwDemo_output_message_dataObjDescr_t
163 {
164
           /*! @brief
                                Number of detected objects */
165
           uint16 t
                                numDetetedObj;
166
           /*! @brief
                                Q format of detected objects x/y/z coordinates */
167
168
           uint16 t
                                xyzQFormat;
169
170 } MmwDemo_output_message_dataObjDescr;
```