

```

158 @brief Check if the BG96 module is attached to the Network
159
160 @param None
161 @retval None
162
163 BG96_Attached() {
164     char sw=0,ap=0;
165     int cont=0;
166     while (sw==0){ //waiting device is attached and has a context.
167         cont++;
168         HAL_UART_Transmit(&huart1, (uint8_t *)&BG96_AT_COPS_ASK, sizeof(BG96_AT_COPS_ASK), 1500);
169         HAL_Delay(1000);
170         char *c = strstr(EVB_Buffer, "Telia");
171         BG96_Send_Clean();
172         if ((BG96_Attached_check())==1) {
173             if ((BG96_Context_Check())==1) {
174                 HAL_UART_Transmit(&huart1, (uint8_t *)&BG96_AT_QNWINF0, sizeof(BG96_AT_QNWINF0), 1500);
175                 HAL_Delay(1000);
176                 BG96_Send_Clean();
177                 sw=1;
178             }
179             else{
180                 HAL_UART_Transmit(&huart2, "Context activation in process.\r\n", sizeof("Context activation in process.\r\n"), 1000);
181                 while (BG96_Context_Check()==0) { //infinte loop until context is up
182                     BG96_Context_Activation();
183                 }
184                 HAL_UART_Transmit(&huart2, "Context activated.\r\n", sizeof("Context activated.\r\n"), 1000);
185                 BG96_PING();
186             }
187         }
188         else{
189             HAL_UART_Transmit(&huart2, "No Service\r\n", sizeof("No Service\r\n"), 1000);
190             HAL_UART_Transmit(&huart2, "Please, Check if the eNB is in Service or if you have coverage\r\n", sizeof("Please, Check if the eNB is in Service or if you have coverage\r\n"), 1000);
191
192             if (cont==9) {
193                 //BG96_Power_Off_EVB();
194                 HAL_UART_Transmit(&huart2, "Rebooting.\r\n", sizeof("Rebooting.\r\n"), 1000);
195                 BG96_Power_On_EVB();
196                 BG96_Airplane_Mode();
197
198             }
199
200     }
201 }

```