

```

130  /**
131  * @brief Send AT command to get RF parameters such as rssi, snr, rsrp, rsrq, tech.
132  *
133  * @param None
134  * @retval None
135  */
136 void BG96_Signal() {
137     volatile int snr3=0;
138     volatile char *tech, *model;
139     BG96_clean_EVB_Buffer(); // think about filling only a dedicated buffer for the signal.
140     HAL_UART_Transmit(&huart1, (uint8_t *) &BG96_SIGNAL_STRENGTH, sizeof(BG96_SIGNAL_STRENGTH), 1500);
141     HAL_Delay(1000);
142     // memset(rssi2, 0, strlen(rssi2)); // or memset(buffer, 0, sizeof(buffer));
143     // rssi2[0]='-';
144     // rssi2 = (int*) malloc(strlen(rssi2)* sizeof(int));
145     tech = strtok(EVB_Buffer, "\\r\\"); // first call returns pointer
146     model = strtok(NULL, "\\r\\");
147     strcpy(mode2, strtok(NULL, "\\r\\")); // model = strtok(NULL, "\\r\\");
148     strcpy(rssi2, strtok(NULL, "\\r\\"));
149     strcpy(rsrp2, strtok(NULL, "\\r\\")); // rsrp = strtok(NULL, "\\r\\");
150     strcpy(snr2, strtok(NULL, "\\r\\")); // snr = strtok(NULL, "\\r\\");
151     strcpy(rsrq2, strtok(NULL, "\\r\\")); // rsrq = strtok(NULL, "\\r\\");
152     snr3 = (((snr2[0] - '0') * 100) + ((snr2[1] - '0') * 10) + (snr2[2] - '0'));
153     snr3 = (snr3 * 30) / 250; // convert to dB.
154     sprintf(snr2, "%d", snr3); // convert back to string.
155     BG96_Send_Clean();
156 }
157 /**
158 * @brief Check if the BG96 module is attached to the Network
159 *
160 * @param None
161 * @retval None
162 */

```