

**APPENDIX I: POWER REDUCTION VERIFICATION**

|                    |                    |                                   |
|--------------------|--------------------|-----------------------------------|
| FCC ID: BCG-A3281  | RF EXPOSURE REPORT | Approved by:<br>Technical Manager |
| DUT Type:<br>Watch |                    | APPENDIX I<br>Page 1 of 2         |

This device supports a different Exposure Condition Index (ECI) to configure different time-averaged power levels based on certain exposure conditions. When the speaker is active, ECI =1 represents the case where the device will be near the mouth of the user (in-front-of the face). ECI=0 represents the case when the speaker is inactive, and the device operates in close proximity to the user's body.

## 1.1 Main Antenna Power Verification Summary

**Table I-1**  
**Main Antenna Power Verification**

| Mode/Band   | Exposure Condition Index (ECI) |             |
|-------------|--------------------------------|-------------|
|             | Maximum                        | Test Case 1 |
| LTE B7      | 0                              | 1           |
| LTE B41     | 0                              | 1           |
| NR Band n7  | 0                              | 1           |
| NR Band n41 | 0                              | 1           |

Test Case 0: Device speak off

Test Case 1: Device speaker on

## 1.2 WLAN Power Reduction Verification Summary

**Table I-2**

| Mode/Band    | Antenna | Maximum Scenario<br>Maximum Duty Cycle<br>(%) | Reduced Scenario<br>Maximum Duty Cycle<br>(%) | Duty Cycle [%] |             |         |
|--------------|---------|-----------------------------------------------|-----------------------------------------------|----------------|-------------|---------|
|              |         |                                               |                                               | Maximum        | Test Case 1 | Verdict |
| 2.4 GHz WLAN | FCM     | 100.0%                                        | 30.0%                                         | 98.9%          | 29.1%       | PASS    |
| 5 GHz WLAN   | FCM     | 100.0%                                        | 30.0%                                         | 93.7%          | 29.7%       | PASS    |

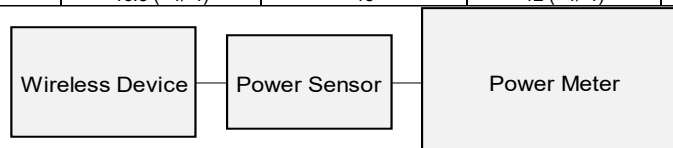
This device supports a power reduction mechanism in which a reduced power level is used when WLAN is operating simultaneously with the cellular antenna. Reduced power for WLAN is verified when transmitting simultaneously with the cellular antenna.

## 1.3 Bluetooth Power Reduction Verification Summary

This device supports a power reduction mechanism in which a reduced power level is used when Bluetooth is operating simultaneously with the cellular antenna. Reduced power for Bluetooth is verified when transmitting simultaneously with the cellular antenna.

**Table I-3**

| Mode/Band     | Maximum Scenario<br>Maximum Allowed Tune<br>Up Power [dBm] | Maximum Scenario<br>Minimum Allowed<br>Target Power [dBm] | Reduced Scenario<br>Maximum Allowed<br>Tune Up Power [dBm] | Reduced Scenario<br>Minimum Allowed<br>Target Power [dBm] | Conducted Power [dBm] |             |
|---------------|------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|-----------------------|-------------|
|               |                                                            |                                                           |                                                            |                                                           | Maximum               | Test Case 1 |
| 2.4 Bluetooth | 17.5                                                       | 16.5 (+1/-1)                                              | 13                                                         | 12 (+1/-1)                                                | 16.25                 | 11.87       |



**Figure I-1**  
**Power Measurement Setup**

|                    |                           |                                   |
|--------------------|---------------------------|-----------------------------------|
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