

APPENDIX G: POWER REDUCTION VERIFICATION

FCC ID: BCG-A3003	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Watch		APPENDIX G Page 1 of 2

1.1 Main Antenna Power Verification Summary

This device supports a power reduction mechanism in which a reduced power level is used when the speaker is active, such as when the device is being used near the mouth. The device uses two power tables for cellular radio and implements the appropriate power table based on the speaker state. Near the mouth mode operation was verified by turning the speaker on for each cellular band that implements a separate power level in next to mouth conditions.

Table G-1
Main Antenna Power Verification

Mode/Band	Antenna	Maximum Scenario Maximum Allowed Target Power [dBm]	Reduced Scenario Maximum Allowed Target Power [dBm]	Conducted Power [dBm]		
				Maximum	Test Case 1	Verdict
LTE Band 7	FCM	23.0 (± 1.0)	22.0 (± 1.0)	22.23	21.26	PASS

Test Case 1: Device Speaker on

1.2 Bluetooth Power Verification Power 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 G-2

Mode/Band	Antenna	Maximum Scenario Maximum Allowed	Reduced Scenario Maximum Allowed	Conducted Power [dBm]		
				Maximum	Test Case 1	Verdict
2.4 Bluetooth	FCM	17.5 (+0/-2)	13.0 (+0/-2)	15.96	11.46	PASS

Test Case 1: Cellular Antenna on

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