

APPENDIX I: POWER REDUCTION VERIFICATION

FCC ID: BCG-A3579	RF EXPOSURE REPORT	Approved by: Technical Manager
DUT Type: Watch		APPENDIX I 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 Maximum Duty Cycle (%)	Reduced Scenario Maximum Duty Cycle (%)	Duty Cycle [%]		
				Maximum	Test Case 1	Verdict
2.4 GHz WLAN	FCM	100.0%	30.0%	98.4%	29.1%	PASS
5 GHz WLAN	FCM	100.0%	30.0%	94.9%	29.3%	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 Maximum Allowed Tune Up Power [dBm]	Maximum Scenario Minimum Allowed Target Power [dBm]	Reduced Scenario Maximum Allowed Tune Up Power [dBm]	Reduced Scenario Minimum Allowed Target Power [dBm]	Conducted Power [dBm]	
					Maximum	Test Case 1
2.4 Bluetooth	16.5	15.5 (+1/-1)	13	12 (+1/-1)	16.28	12.49

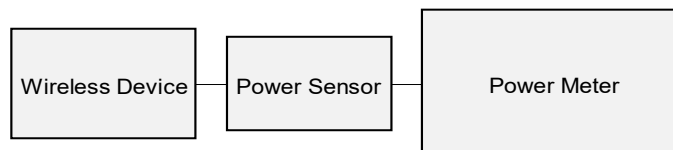


Figure I-1
Power Measurement Setup

FCC ID: BCG-A3579	RF EXPOSURE REPORT	Approved by: Technical Manager
DUT Type: Watch		APPENDIX I Page 2 of 2