

APPENDIX I: POWER REDUCTION VERIFICATION

FCC ID: BCG-A3582	RF EXPOSURE REPORT		Approved by: Technical Manager
DUT Type: Watch		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.	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.

I.1 Main Antenna Power Reduction Verification Table

Table I-1
Main Antenna Power Verification

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

Test Case 0: Device speak off

Test Case 1: Device speaker on

I.2 WLAN Verification Summary

This device supports a power reduction mechanism that reduces the WIFI duty cycle to a maximum of 30% when the cellular radio is turned on. The duty cycle reduction was verified by recording duty cycle with cellular radio on and off for both 2.4 GHz and 5 GHz WIFI.

Table I-2
Power Measurement Verification WIFI

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%	99.5%	29.1%	PASS
5 GHz WLAN	FCM	100.0%	30.0%	94.9%	29.9%	PASS

I.3 Bluetooth Verification Summary

Table I-3
Power Measurement Verification Bluetooth

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)	16.21	12.44

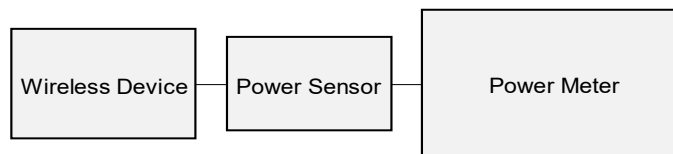


Figure I-1
Power Measurement Setup

FCC ID: BCG-A3582	RF EXPOSURE REPORT		Approved by: Technical Manager
DUT Type: Watch		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.	APPENDIX I: Page 2 of 2