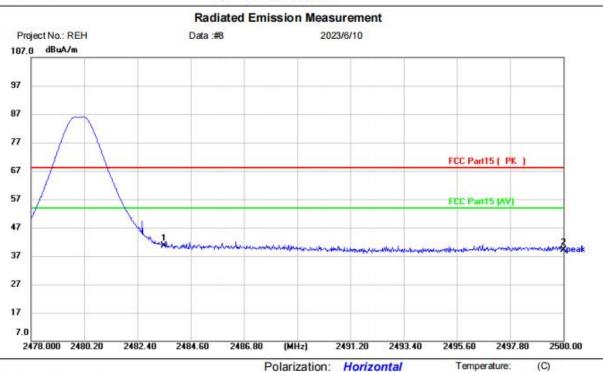
Humidity:

%RH



[TestMode: TX highest channel]; [Polarity: Horizontal]



Site Limit: FCC Part15 (PK)

EUT: Tabletop Speaker M/N: The One Plus

Mode: TX-H

Note:

No.	M	c. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuA/m	dBuA/m	dB	Detector	Comment	
1	*	2483.500	44.23	-3.51	40.72	68.20	-27.48	peak		
2		2500.000	42.78	-3.60	39.18	68.20	-29.02	peak		

Power:

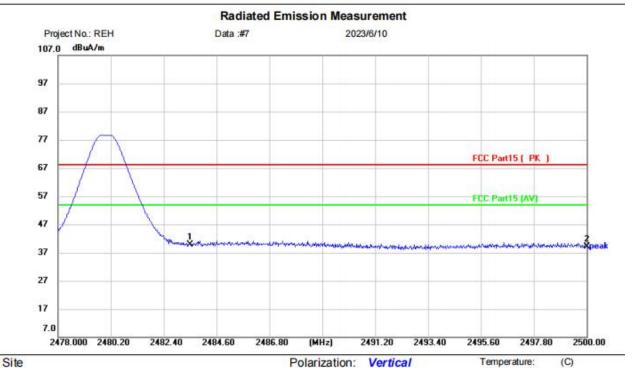
Test Result: Pass

Humidity:

%RH



[TestMode: TX highest channel]; [Polarity: Vertical]



Limit: FCC Part15 (PK)

EUT: Tabletop Speaker M/N: The One Plus

Mode: TX-H

Note:

No.	Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuA/m	dBuA/m	dB	Detector	Comment	
1	*	2483.500	43.50	-3.51	39.99	68.20	-28.21	peak		
2		2500.000	42.64	-3.60	39.04	68.20	-29.16	peak		

Power:

Test Result: Pass



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19 ANTENNA REQUIREMENT

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	N/A

19.1 CONCLUSION

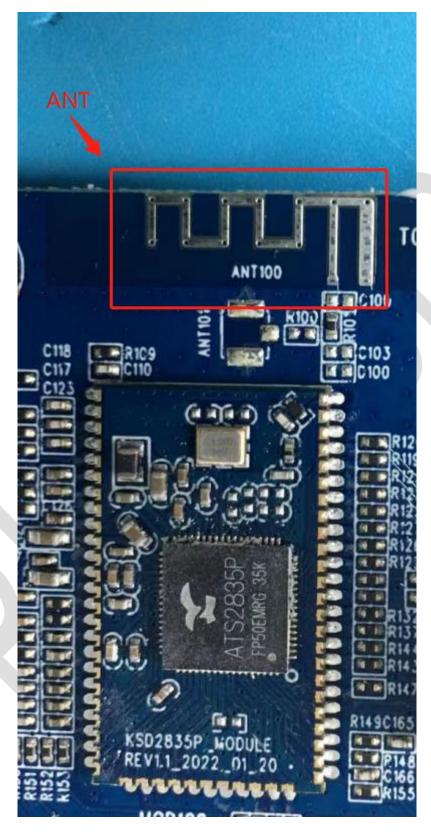
Standard Requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of an so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT Antenna:

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is 1.84dBi.







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20 CONDUCTED SPURIOUS EMISSIONS

Test Standard	47 CFR Part 15, Subpart C 15.247			
Test Method	ANSI C63.10 (2013) Section 7.8.6 & Section 11.11			
Test Mode (Pre-Scan)	TX			
Test Mode (Final Test)	TX			
Tester	Charlie			
Temperature	25℃			
Humidity	60%			

20.1 LIMITS

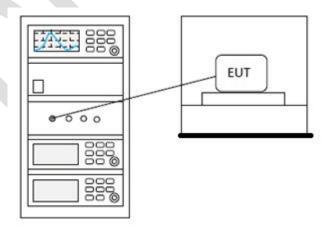
Limit:

spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated

In any 100 kHz bandwidth outside the frequency band in which the spread

20.2 BLOCK DIAGRAM OF TEST SETUP

emission limits specified in §15.209(a) (see §15.205(c)).





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20.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details





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21 CONDUCTED BAND EDGES MEASUREMENT

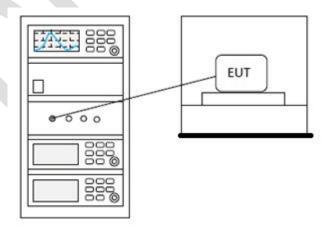
Test Standard	47 CFR Part 15, Subpart C 15.247			
Test Method	ANSI C63.10 (2013) Section 7.8.8 & Section 11.13.3.2			
Test Mode (Pre-Scan)	TX			
Test Mode (Final Test)	TX			
Tester	Charlie			
Temperature	25℃			
Humidity	60%			

21.1 LIMITS

Limit:

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

21.2 BLOCK DIAGRAM OF TEST SETUP





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21.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details





22 APPENDIX

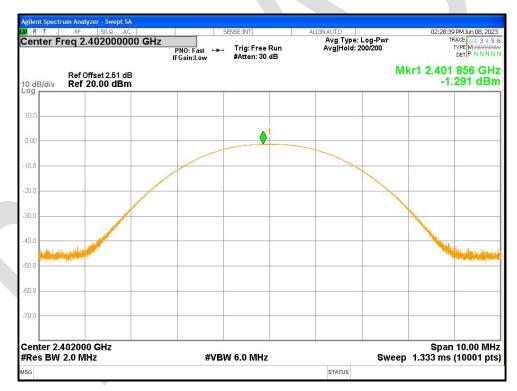
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Appendix1

22.1 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency	Antenna	Conducted Power	Limit	Verdict
		(MHz)		(dBm)	(dBm)	
NVNT	1-DH1	2402	Ant1	-1.291	21	Pass
NVNT	1-DH1	2441	Ant1	-3.214	21	Pass
NVNT	1-DH1	2480	Ant1	-3.12	21	Pass
NVNT	2-DH1	2402	Ant1	-1.304	21	Pass
NVNT	2-DH1	2441	Ant1	-3.232	21	Pass
NVNT	2-DH1	2480	Ant1	-3.129	21	Pass
NVNT	3-DH1	2402	Ant1	-1.133	21	Pass
NVNT	3-DH1	2441	Ant1	-3.024	21	Pass
NVNT	3-DH1	2480	Ant1	-2.975	21	Pass

Power NVNT 1-DH1 2402MHz Ant1



Power NVNT 1-DH1 2441MHz Ant1

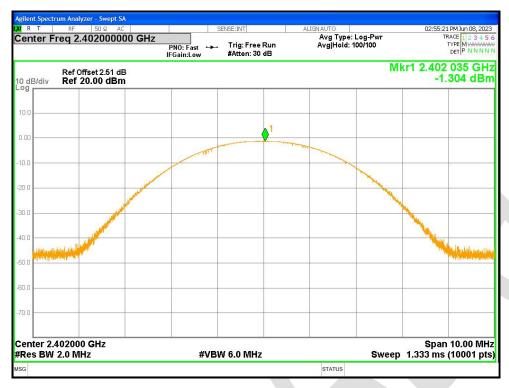


Power NVNT 1-DH1 2480MHz Ant1



Power NVNT 2-DH1 2402MHz Ant1





Power NVNT 2-DH1 2441MHz Ant1



Power NVNT 2-DH1 2480MHz Ant1





Power NVNT 3-DH1 2402MHz Ant1



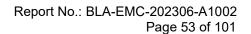
Power NVNT 3-DH1 2441MHz Ant1





Power NVNT 3-DH1 2480MHz Ant1







22.2 -20DB BANDWIDTH

Condition	Mode	Frequency	Antenna	-20 dB Bandwidth	Limit -20 dB	Verdict
		(MHz)		(MHz)	Bandwidth (MHz)	
NVNT	1-DH1	2402	Ant1	0.865	0	Pass
NVNT	1-DH1	2441	Antl	0.87	0	Pass
NVNT	1-DH1	2480	Ant1	0.867	0	Pass
NVNT	2-DH1	2402	Ant1	1.205	0	Pass
NVNT	2-DH1	2441	Ant1	1.205	0	Pass
NVNT	2-DH1	2480	Ant1	1.205	0	Pass
NVNT	3-DH1	2402	Ant1	1.21	0	Pass
NVNT	3-DH1	2441	Ant1	1.208	0	Pass
NVNT	3-DH1	2480	Ant1	1.202	0	Pass

-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



02:30:40 PM Jun 08, 2023 Center Freq: 2.441000000 GHz Trig: Free Run Avg #Atten: 30 dB Center Freq 2.441000000 GHz Radio Std: None Avg|Hold: 300/300 Radio Device: BTS #IFGain:Low Ref Offset 2.53 dB Ref 22.53 dBm Mkr3 2.44144 GHz -27.326 dBm 10 dB/div Span 2 MHz Sweep 2.667 ms Center 2.441 GHz #Res BW 30 kHz **#VBW 100 kHz Total Power** 2.89 dBm Occupied Bandwidth 823.53 kHz **Transmit Freq Error** 5.217 kHz **OBW Power** 99.00 % x dB Bandwidth 870.0 kHz -20.00 dB x dB

-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



02:55:37 PM Jun 08, 2023 Center Freq: 2.402000000 GHz Trig: Free Run Avg #Atten: 30 dB Center Freq 2.402000000 GHz Radio Std: None Avg|Hold: 300/300 Radio Device: BTS #IFGain:Low Mkr3 2.402607 GHz Ref Offset 2.51 dB Ref 22.51 dBm -23.337 dBm 10 dB/div $\langle \rangle^{1}$ Span 2 MHz Sweep 2.667 ms Center 2.402 GHz #Res BW 30 kHz **#VBW 100 kHz Total Power** 4.18 dBm Occupied Bandwidth 1.1278 MHz **Transmit Freq Error** 5.036 kHz **OBW Power** 99.00 % x dB Bandwidth 1.205 MHz x dB -20.00 dB

-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1



03:03:41 PM Jun 08, 2023 Center Freq: 2.480000000 GHz Trig: Free Run Avg #Atten: 30 dB Center Freq 2.480000000 GHz Radio Std: None Avg|Hold: 300/300 Radio Device: BTS #IFGain:Low Mkr3 2.480608 GHz Ref Offset 2.58 dB Ref 22.58 dBm -25.086 dBm 10 dB/div Span 2 MHz Sweep 2.667 ms Center 2.48 GHz #Res BW 30 kHz **#VBW 100 kHz Total Power** 2.25 dBm Occupied Bandwidth 1.1312 MHz **Transmit Freq Error** 5.783 kHz **OBW Power** 99.00 % x dB Bandwidth 1.205 MHz x dB -20.00 dB

-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



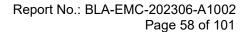
-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



03:23:08 PM Jun 08, 2023 Center Freq: 2.441000000 GHz Trig: Free Run Avg #Atten: 30 dB Center Freq 2.441000000 GHz Radio Std: None Avg|Hold: 300/300 Radio Device: BTS #IFGain:Low Ref Offset 2.53 dB Ref 22.53 dBm Mkr3 2.441615 GHz -24.420 dBm 10 dB/div Span 2 MHz Sweep 2.667 ms Center 2.441 GHz #Res BW 30 kHz **#VBW 100 kHz Total Power** 2.80 dBm Occupied Bandwidth 1.1175 MHz **Transmit Freq Error** 10.445 kHz **OBW Power** 99.00 % x dB Bandwidth 1.208 MHz -20.00 dB x dB

-20dB Bandwidth NVNT 3-DH1 2480MHz Ant1







22.3 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.8242
NVNT	1-DH1	2441	Ant1	0.8270
NVNT	1-DH1	2480	Ant1	0.8312
NVNT	2-DH1	2402	Ant1	1.1284
NVNT	2-DH1	2441	Ant1	1.1298
NVNT	2-DH1	2480	Ant1	1.1263
NVNT	3-DH1	2402	Ant1	1.1184
NVNT	3-DH1	2441	Ant1	1.1182
NVNT	3-DH1	2480	Ant1	1.1143

OBW NVNT 1-DH1 2402MHz Ant1



OBW NVNT 1-DH1 2441MHz Ant1



02:30:31 PM Jun 08, 2023 Center Freq: 2.441000000 GHz Trig: Free Run Avg #Atten: 30 dB Center Freq 2.441000000 GHz Radio Std: None Avg|Hold: 300/300 Radio Device: BTS #IFGain:Low Ref Offset 2.53 dB Ref 22.53 dBm 10 dB/div Span 3 MHz Sweep 3.333 ms Center 2.441 GHz #Res BW 30 kHz **#VBW 100 kHz Total Power** 2.78 dBm Occupied Bandwidth 826.95 kHz **Transmit Freq Error** 569 Hz **OBW Power** 99.00 % x dB Bandwidth 866.3 kHz x dB -20.00 dB

OBW NVNT 1-DH1 2480MHz Ant1



OBW NVNT 2-DH1 2402MHz Ant1





OBW NVNT 2-DH1 2441MHz Ant1



OBW NVNT 2-DH1 2480MHz Ant1