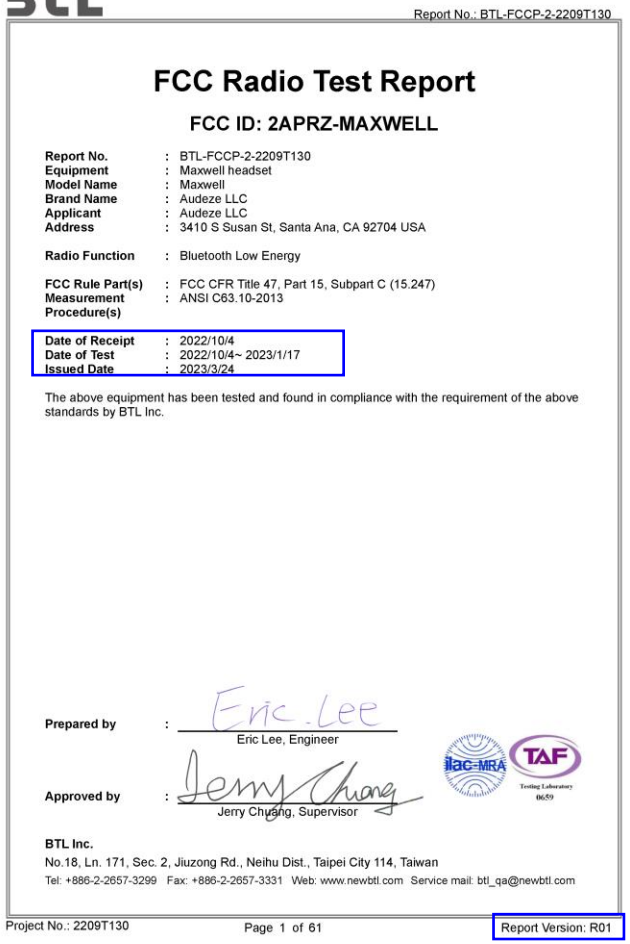
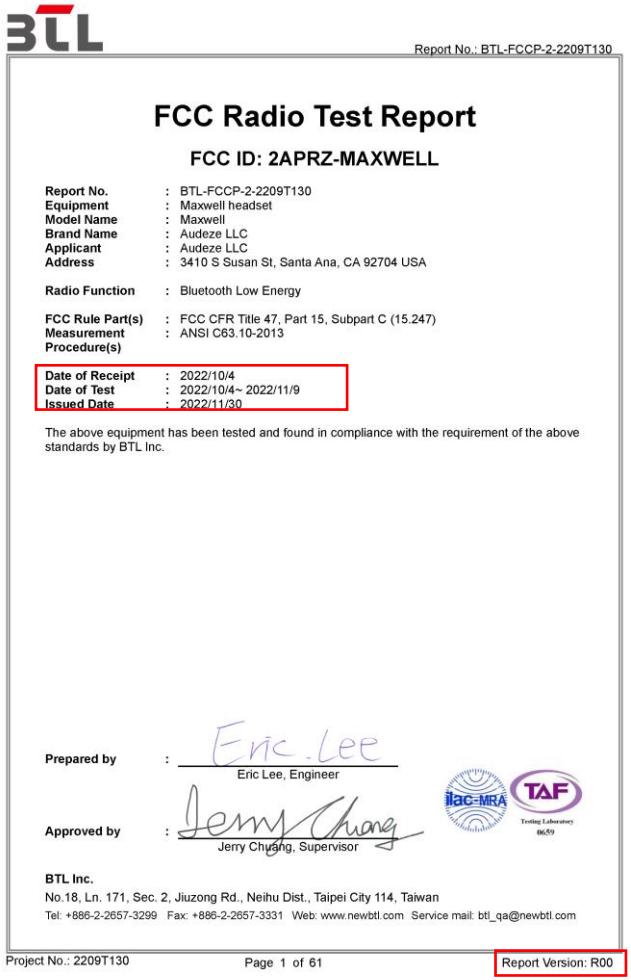
FCC ID: 2APRZ-MAXWELL DTS test report modification cross comparison chart

FCC ID	2APRZ-MAXWELL
Equipment Class	DTS
Radio Function	BLE
Report No.	BTL-FCCP-2-2209T130
Modified Page Number	1, 5, 32, 33; Total 4 pages.

Modified	Original	Note
		On page 1, the **Date of Test** and **Issued Date** are updated, and the **Report Version** is updated to **R01** on every page due this modification.

Report No.: BTL-FCCP-2-2209T130

FCC Radio Test Report

FCC ID: 2APRZ-MAXWELL

Report No.	:	BTL-FCCP-2-2209T130
Equipment	:	Maxwell headset
Model Name	:	Maxwell
Brand Name	:	Audeze LLC
Applicant	:	Audeze LLC
Address	:	3410 S Susan St, Santa Ana, CA 92704 USA
Radio Function	:	Bluetooth Low Energy
FCC Rule Part(s)	:	FCC CFR Title 47, Part 15, Subpart C (15.247)
Measurement Procedure(s)	:	ANSI C63.10-2013
Date of Receipt	:	2022/10/4
Date of Test	:	2022/10/4~ 2023/1/17
Issued Date	:	2023/3/24

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

Prepared by : Eric Lee, Engineer

Approved by : Jerry Chuang, Supervisor

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Report No.: BTL-FCCP-2-2209T130

FCC Radio Test Report

FCC ID: 2APRZ-MAXWELL

Report No.	:	BTL-FCCP-2-2209T130
Equipment	:	Maxwell headset
Model Name	:	Maxwell
Brand Name	:	Audeze LLC
Applicant	:	Audeze LLC
Address	:	3410 S Susan St, Santa Ana, CA 92704 USA
Radio Function	:	Bluetooth Low Energy
FCC Rule Part(s)	:	FCC CFR Title 47, Part 15, Subpart C (15.247)
Measurement Procedure(s)	:	ANSI C63.10-2013
Date of Receipt	:	2022/10/4
Date of Test	:	2022/10/4~ 2022/11/9
Issued Date	:	2022/11/30

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

Prepared by : Eric Lee, Engineer

Approved by : Jerry Chuang, Supervisor

BTL Inc.
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Project No.: 2209T130 Page 1 of 61 Report Version: R00

FCC ID: 2APRZ-MAXWELL DTS test report modification cross comparison chart

FCC ID	2APRZ-MAXWELL
Equipment Class	DTS
Radio Function	BLE
Report No.	BTL-FCCP-2-2209T130
Modified Page Number	1, 5, 32, 33; Total 4 pages.

Modified	Original	Note
Report No.: BTL-FCCP-2-2209T130 **REVISION HISTORY** Report No. | Version | Description | Issued Date | Note BTL-FCCP-2-2209T130 | R00 | Original Report. | 2022/11/30 | Invalid BTL-FCCP-2-2209T130 | R01 | Revised report to address TAF Audit's comments. | 2023/3/24 | Valid Project No.: 2209T130 Page 5 of 61 Report Version: R01	Report No.: BTL-FCCP-2-2209T130 **REVISION HISTORY** Report No. | Version | Description | Issued Date | Note BTL-FCCP-2-2209T130 | R00 | Original Report. | 2022/11/30 | Valid Project No.: 2209T130 Page 5 of 61 Report Version: R00	On page 5, in the **Report REVISION HISTORY**, a Version **R01** description is added due this modification.

FCC ID: 2APRZ-MAXWELL DTS test report modification cross comparison chart

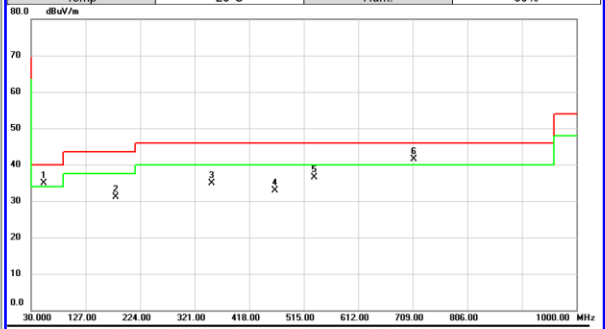
FCC ID	2APRZ-MAXWELL
Equipment Class	DTS
Radio Function	BLE
Report No.	BTL-FCCP-2-2209T130
Modified Page Number	1, 5, 32, 33; Total 4 pages.

Modified	Original	Note

Modified

Report No.: BTL-FCCP-2-2209T130

Test Mode	BLE 5.0 (1 Mbps)	Test Date	2023/1/17
Test Frequency	2480MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	!	52.7303	46.28	-11.37	34.91	40.00	-5.09	peak	
2		180.9643	44.69	-13.51	31.18	43.50	-12.32	peak	
3		351.3933	45.28	-10.32	34.96	46.00	-11.04	peak	
4		463.4607	40.01	-7.16	32.85	46.00	-13.15	peak	
5		533.2037	42.48	-5.91	36.57	46.00	-9.43	peak	
6	*	711.4897	44.14	-2.57	41.57	46.00	-4.43	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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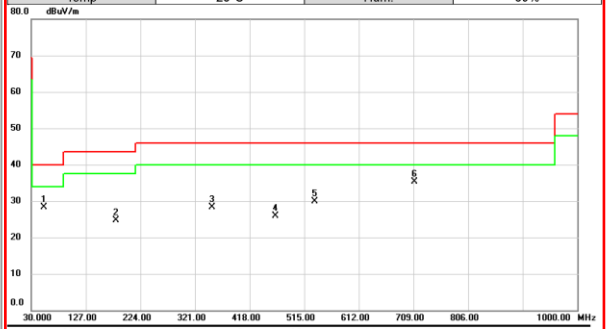
Original

Report No.: BTL-FCCP-2-2209T130

Test Mode	BLE 5.0 (1 Mbps)	Test Date	2022/10/25
Test Frequency	2480MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		52.7303	46.28	-18.04	28.24	40.00	-11.76	peak	
2		180.9643	44.69	-20.07	24.62	43.50	-18.88	peak	
3		351.3933	45.28	-16.98	28.30	46.00	-17.70	peak	
4		463.4607	40.01	-14.08	25.93	46.00	-20.07	peak	
5		533.2037	42.48	-12.57	29.91	46.00	-16.09	peak	
6	*	711.4897	44.14	-8.86	35.28	46.00	-10.72	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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Note

On page 32, the test result is replaced with new test result which is applied with amended correct factors.

FCC ID: 2APRZ-MAXWELL DTS test report modification cross comparison chart

FCC ID	2APRZ-MAXWELL
Equipment Class	DTS
Radio Function	BLE
Report No.	BTL-FCCP-2-2209T130
Modified Page Number	1, 5, 32, 33; Total 4 pages.

Modified

BTL

Report No.: BTL-FCCP-2-2209T130

Test Mode	BLE 5.0 (1 Mbps)	Test Date	2023/1/17
Test Frequency	2480MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	!	45.0673	46.36	-11.29	35.07	40.00	-4.93	peak	
2		180.8350	48.90	-13.49	35.41	43.50	-8.09	peak	
3		283.7843	43.55	-11.79	31.76	46.00	-14.24	peak	
4		351.6197	48.11	-10.31	37.80	46.00	-8.20	peak	
5		530.9727	39.72	-5.94	33.78	46.00	-12.22	peak	
6	*	711.7483	47.41	-2.57	44.84	46.00	-1.16	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

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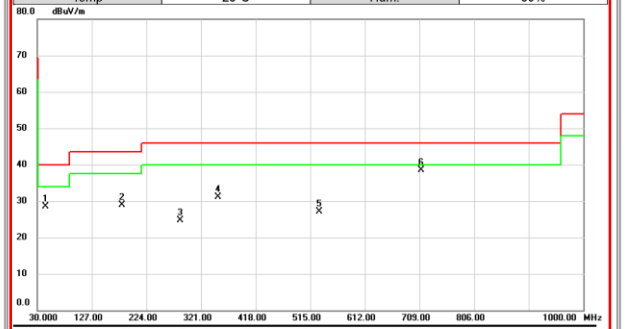
Original

BTL

Report No.: BTL-FCCP-2-2209T130

Test Mode	BLE 5.0 (1 Mbps)	Test Date	2022/10/25
Test Frequency	2480MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		45.0673	46.36	-17.87	28.49	40.00	-11.51	peak	
2		180.8350	48.90	-20.06	28.84	43.50	-14.66	peak	
3		283.7843	43.55	-18.80	24.75	46.00	-21.25	peak	
4		351.6197	48.11	-16.97	31.14	46.00	-14.86	peak	
5		530.9727	39.72	-12.63	27.09	46.00	-18.91	peak	
6	*	711.7483	47.41	-8.86	38.55	46.00	-7.45	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Project No.: 2209T130 Page 33 of 61 Report Version: R00

Note

On page 33, the test result is replaced with new test result which is applied with amended correct factors.