

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-27

Tested By:

Junchang Du

EUT:

Wireless Hearing Aid

Model Number:

JLH1

Test Mode:

BLE1M TX 2480MHz

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:62.2%

Test Site:

DDT 3# Chamber

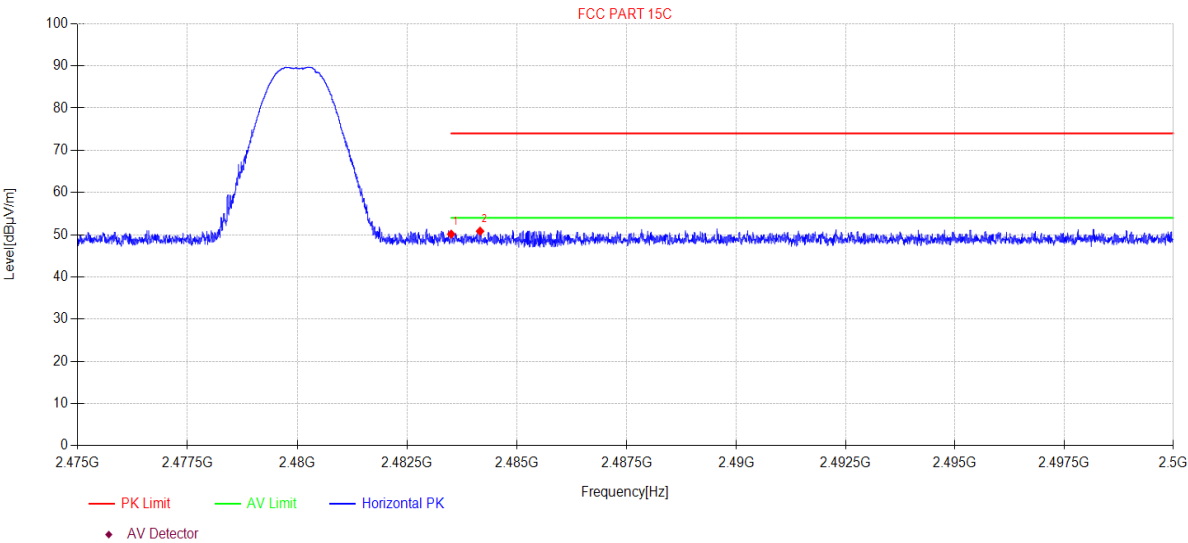
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Memo:

L Sample Number:S23122824-03 Power Setting:0X08

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	18.67	27.53	3.94	0.00	50.14	74.00	23.86	PK	Horizontal
2	2484.158	19.36	27.54	3.94	0.00	50.84	74.00	23.16	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-27

Tested By:

Junchang Du

EUT:

Wireless Hearing Aid

Model Number:

JLH1

Test Mode:

BLE1M TX 2480MHz

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:62.2%

Test Site:

DDT 3# Chamber

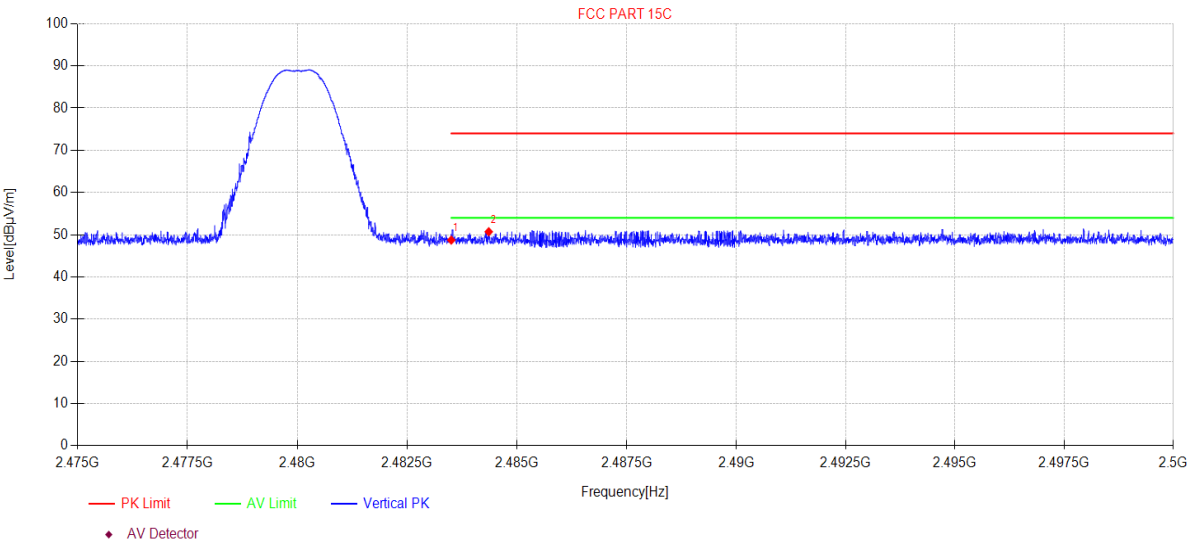
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Memo:

L Sample Number:S23122824-03 Power Setting:0X08

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	17.25	27.53	3.94	0.00	48.72	74.00	25.28	PK	Vertical
2	2484.355	19.22	27.54	3.94	0.00	50.70	74.00	23.30	PK	Vertical

Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-27

Tested By:

Junchang Du

EUT:

Wireless Hearing Aid

Model Number:

JLH1

Test Mode:

BLE2M TX 2404MHz

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:62.2%

Test Site:

DDT 3# Chamber

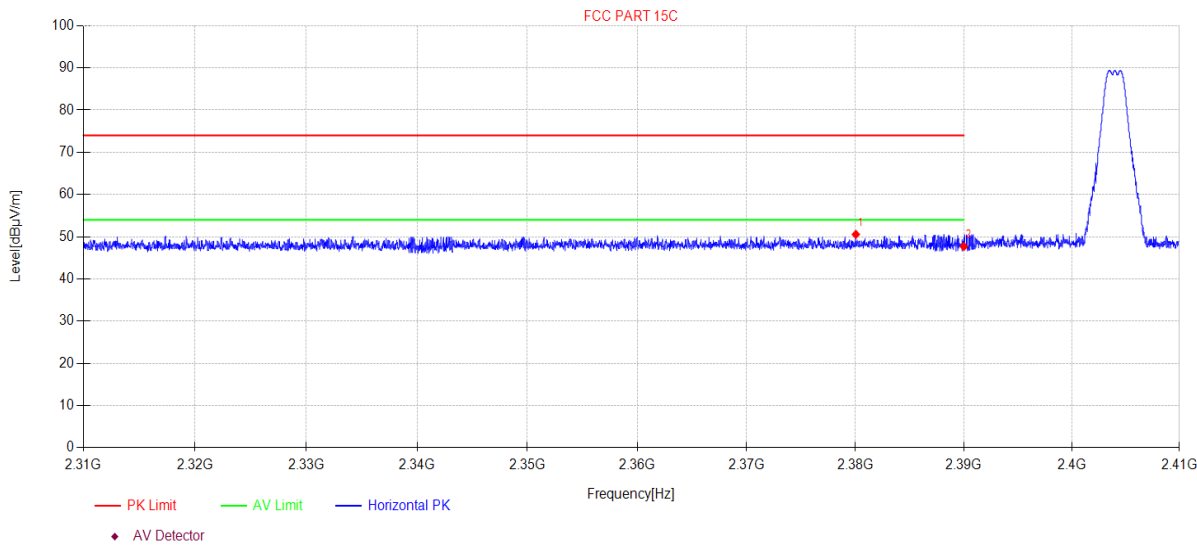
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Memo:

L Sample Number:S23122824-03 Power Setting:0X08

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2380.040	19.47	27.22	3.86	0.00	50.55	74.00	23.45	PK	Horizontal
2	2390.000	16.55	27.26	3.87	0.00	47.68	74.00	26.32	PK	Horizontal

Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-27

Tested By:

Junchang Du

EUT:

Wireless Hearing Aid

Model Number:

JLH1

Test Mode:

BLE2M TX 2404MHz

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:62.2%

Test Site:

DDT 3# Chamber

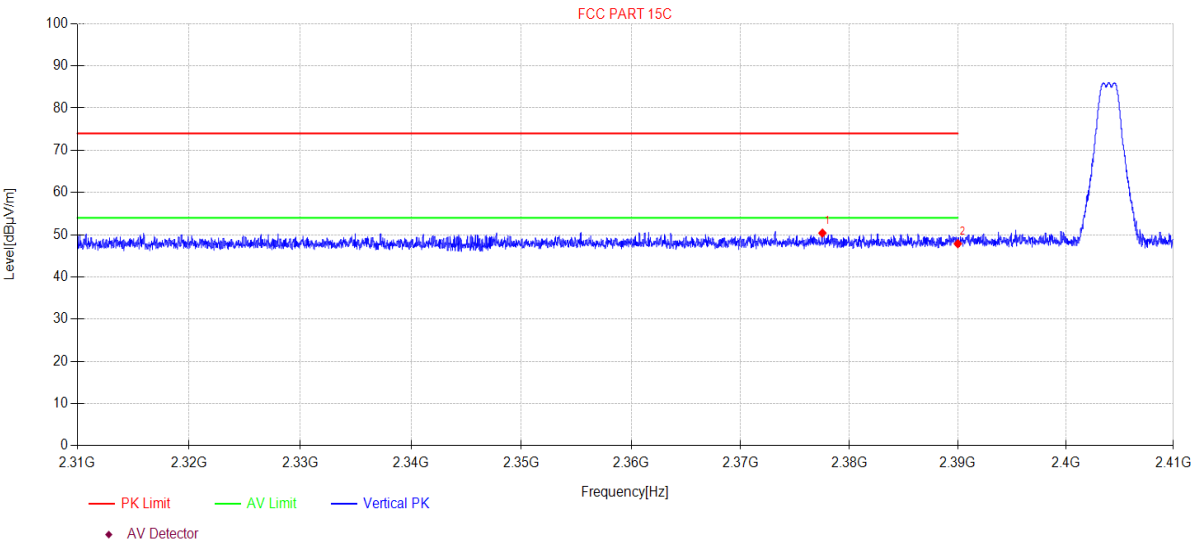
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Memo:

L Sample Number:S23122824-03 Power Setting:0X08

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2377.520	19.32	27.21	3.86	0.00	50.39	74.00	23.61	PK	Vertical
2	2390.000	16.74	27.26	3.87	0.00	47.87	74.00	26.13	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-27

Tested By:

Junchang Du

EUT:

Wireless Hearing Aid

Model Number:

JLH1

Test Mode:

BLE2M TX 2478MHz

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:62.2%

Test Site:

DDT 3# Chamber

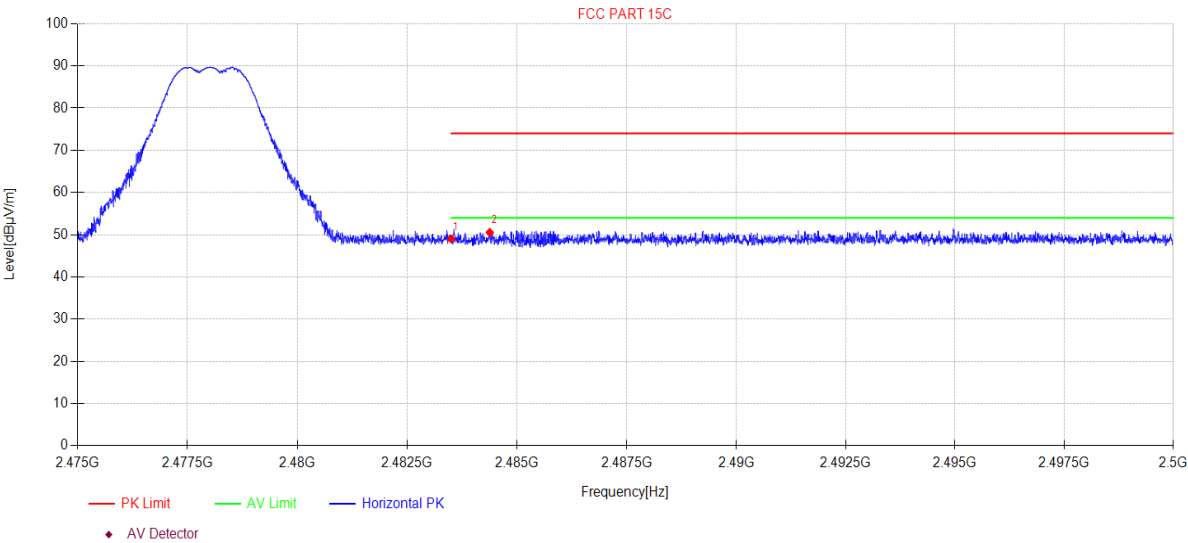
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d:\ts\2024 report data\Q23122824-2E JLH1\FCC ABOVE 1G\105

Memo:

L Sample Number:S23122824-03 Power Setting:0X08

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	17.51	27.53	3.94	0.00	48.98	74.00	25.02	PK	Horizontal
2	2484.378	19.08	27.54	3.94	0.00	50.56	74.00	23.44	PK	Horizontal

Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-27

Tested By:

Junchang Du

EUT:

Wireless Hearing Aid

Model Number:

JLH1

Test Mode:

BLE2M TX 2478MHz

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:62.2%

Test Site:

DDT 3# Chamber

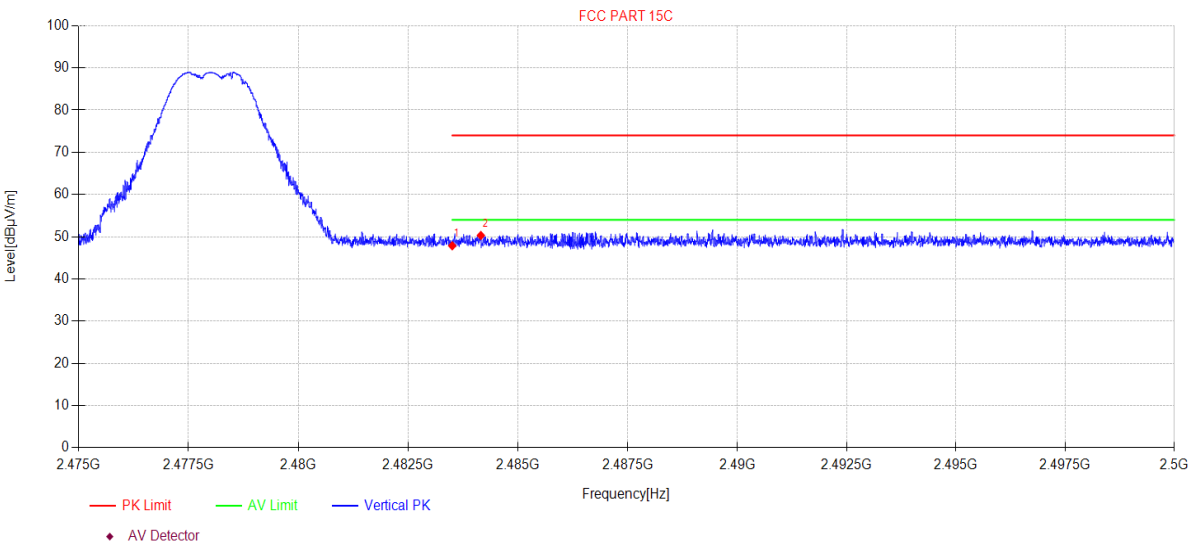
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Memo:

L Sample Number:S23122824-03 Power Setting:0X08

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	16.39	27.53	3.94	0.00	47.86	74.00	26.14	PK	Vertical
2	2484.153	18.82	27.54	3.94	0.00	50.30	74.00	23.70	PK	Vertical

Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-26

Tested By:

Junchang Du

EUT:

Wireless Hearing Aid

Model Number:

JLH1

Test Mode:

BLE1M TX 2402MHz

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:62.2%

Test Site:

DDT 3# Chamber

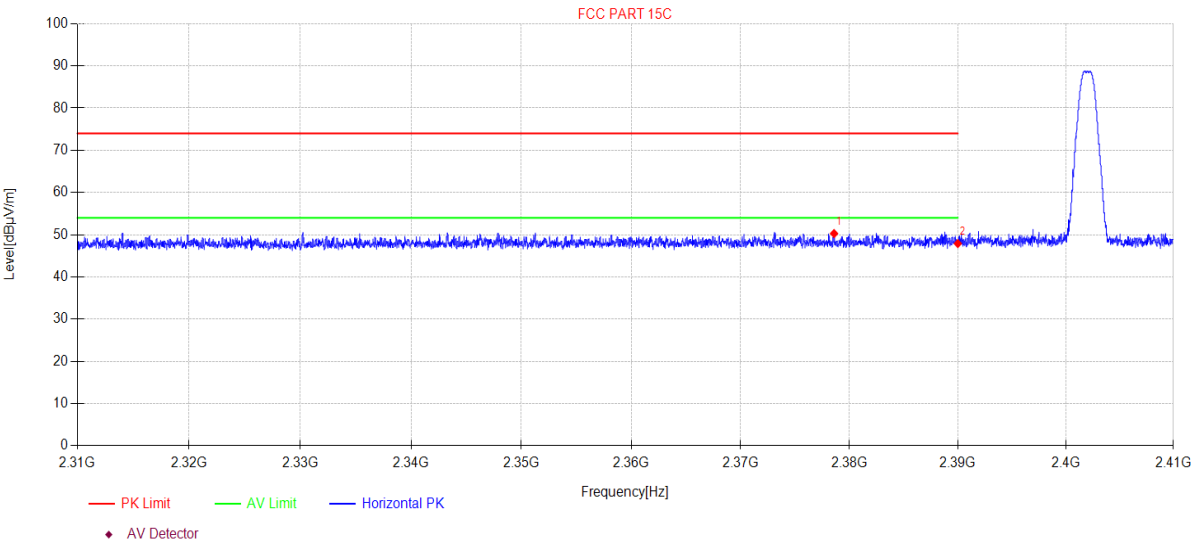
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Memo:

R Sample Number:S23122824-03 Power Setting:0X08

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2378.590	19.21	27.21	3.86	0.00	50.28	74.00	23.72	PK	Horizontal
2	2390.000	16.78	27.26	3.87	0.00	47.91	74.00	26.09	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-26

Tested By:

Junchang Du

EUT:

Wireless Hearing Aid

Model Number:

JLH1

Test Mode:

BLE1M TX 2402MHz

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:62.2%

Test Site:

DDT 3# Chamber

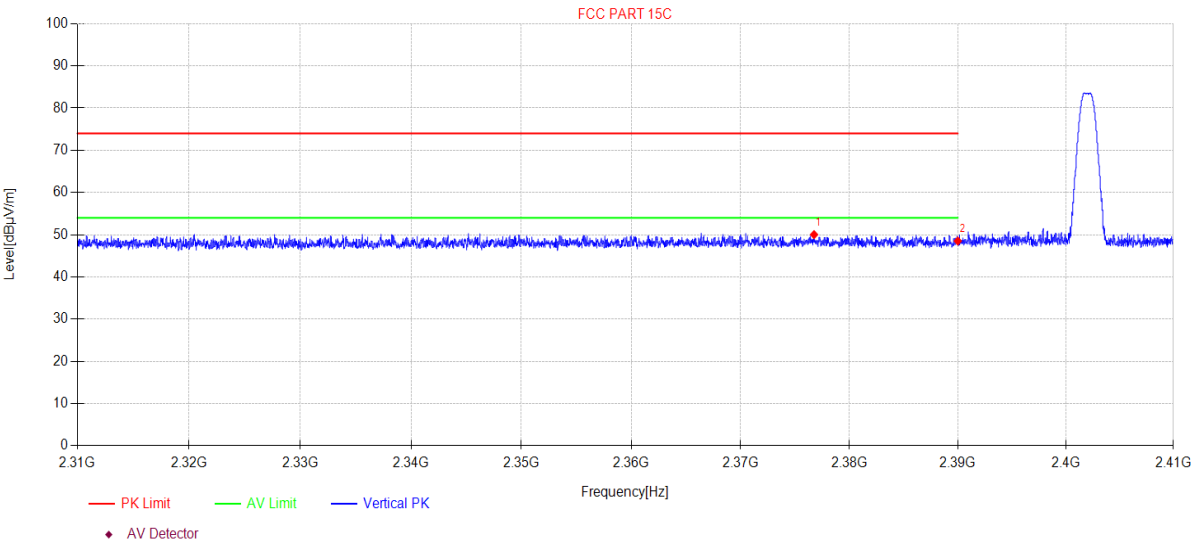
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Memo:

R Sample Number:S23122824-03 Power Setting:0X08

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2376.750	18.95	27.21	3.86	0.00	50.02	74.00	23.98	PK	Vertical
2	2390.000	17.38	27.26	3.87	0.00	48.51	74.00	25.49	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-26

Tested By:

Junchang Du

EUT:

Wireless Hearing Aid

Model Number:

JLH1

Test Mode:

BLE1M TX 2480MHz

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:62.2%

Test Site:

DDT 3# Chamber

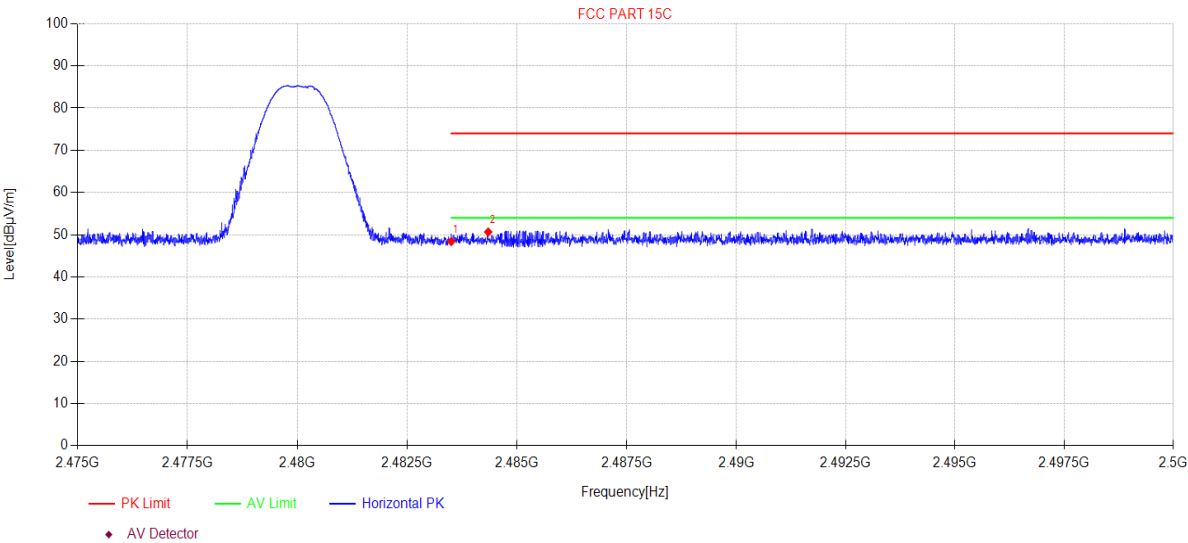
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Memo:

R Sample Number:S23122824-03 Power Setting:0X08

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	16.91	27.53	3.94	0.00	48.38	74.00	25.62	PK	Horizontal
2	2484.343	19.18	27.54	3.94	0.00	50.66	74.00	23.34	PK	Horizontal

Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-26

Tested By:

Junchang Du

EUT:

Wireless Hearing Aid

Model Number:

JLH1

Test Mode:

BLE1M TX 2480MHz

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:62.2%

Test Site:

DDT 3# Chamber

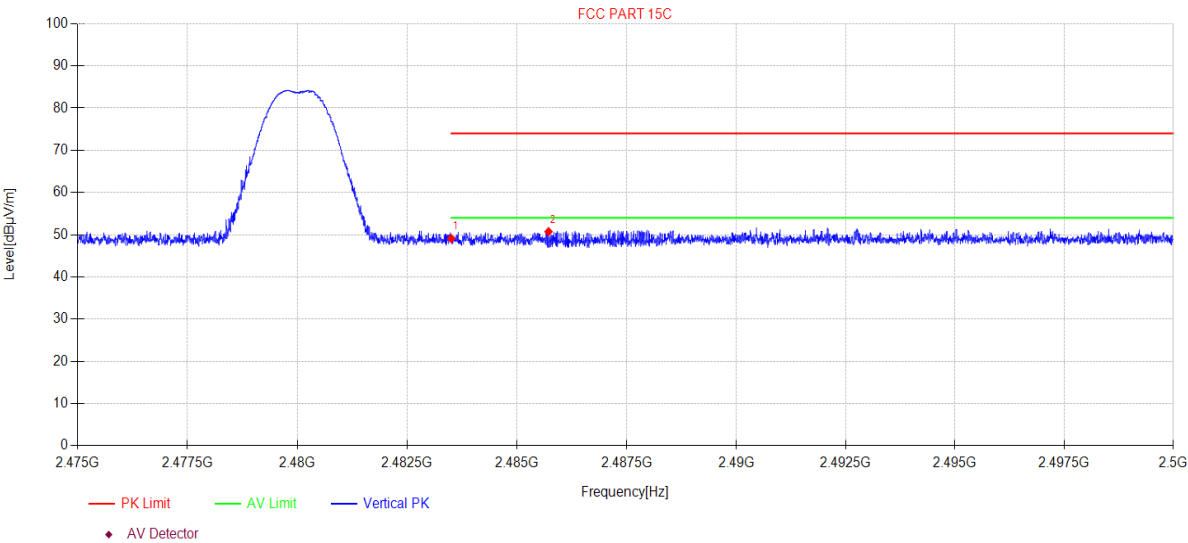
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Memo:

R Sample Number:S23122824-03 Power Setting:0X08

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	17.63	27.53	3.94	0.00	49.10	74.00	24.90	PK	Vertical
2	2485.718	19.25	27.54	3.94	0.00	50.73	74.00	23.27	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-26

Tested By:

Junchang Du

EUT:

Wireless Hearing Aid

Model Number:

JLH1

Test Mode:

BLE1M TX 2404MHz

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:62.2%

Test Site:

DDT 3# Chamber

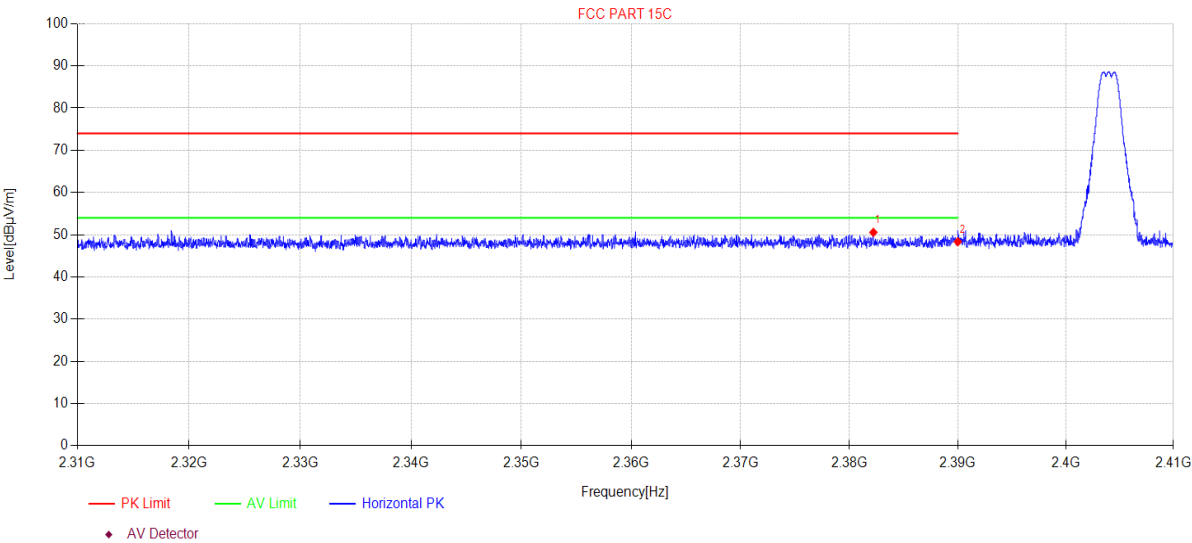
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Memo:

R Sample Number:S23122824-03 Power Setting:0X08

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2382.210	19.48	27.23	3.86	0.00	50.57	74.00	23.43	PK	Horizontal
2	2390.000	17.21	27.26	3.87	0.00	48.34	74.00	25.66	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-26

Tested By:

Junchang Du

EUT:

Wireless Hearing Aid

Model Number:

JLH1

Test Mode:

BLE2M TX 2404MHz

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:62.2%

Test Site:

DDT 3# Chamber

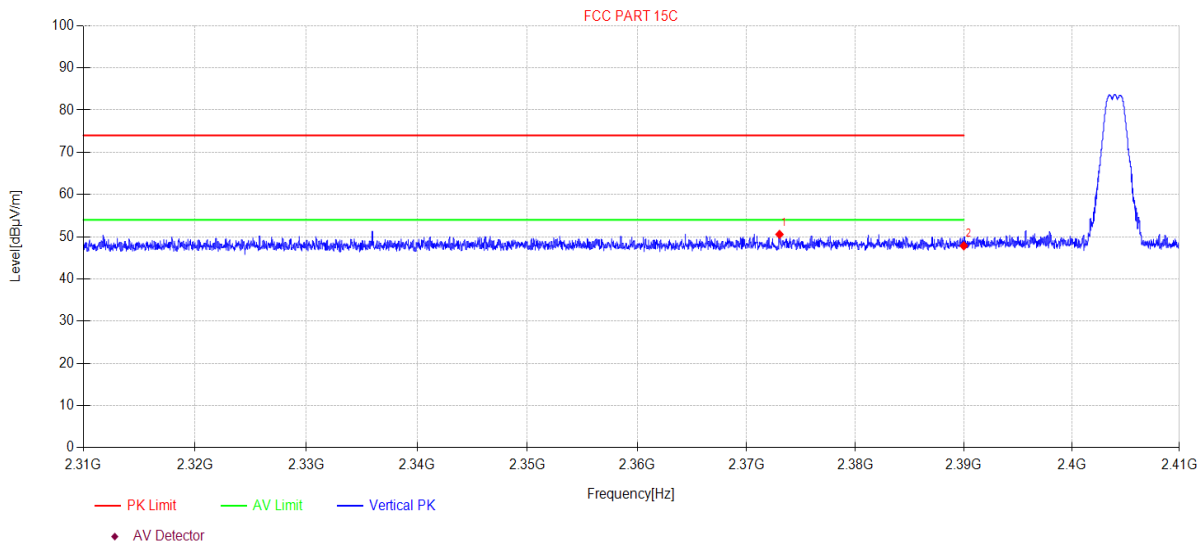
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Memo:

R Sample Number:S23122824-03 Power Setting:0X08

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2373.030	19.51	27.19	3.85	0.00	50.55	74.00	23.45	PK	Vertical
2	2390.000	16.71	27.26	3.87	0.00	47.84	74.00	26.16	PK	Vertical

Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-26

Tested By:

Junchang Du

EUT:

Wireless Hearing Aid

Model Number:

JLH1

Test Mode:

BLE2M TX 2478MHz

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:62.2%

Test Site:

DDT 3# Chamber

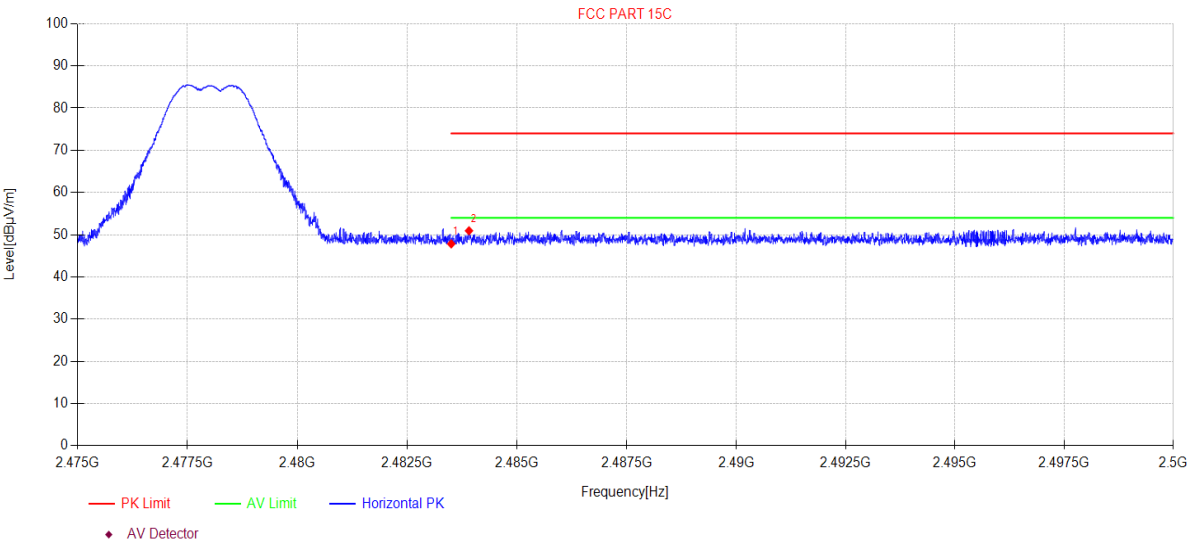
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Memo:

R Sample Number:S23122824-03 Power Setting:0X08

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	16.36	27.53	3.94	0.00	47.83	74.00	26.17	PK	Horizontal
2	2483.905	19.46	27.54	3.94	0.00	50.94	74.00	23.06	PK	Horizontal

Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-26

Tested By:

Junchang Du

EUT:

Wireless Hearing Aid

Model Number:

JLH1

Test Mode:

BLE2M TX 2478MHz

Power Supply:

Battery

Condition:

Temp:24.2°C;Humi:62.2%

Test Site:

DDT 3# Chamber

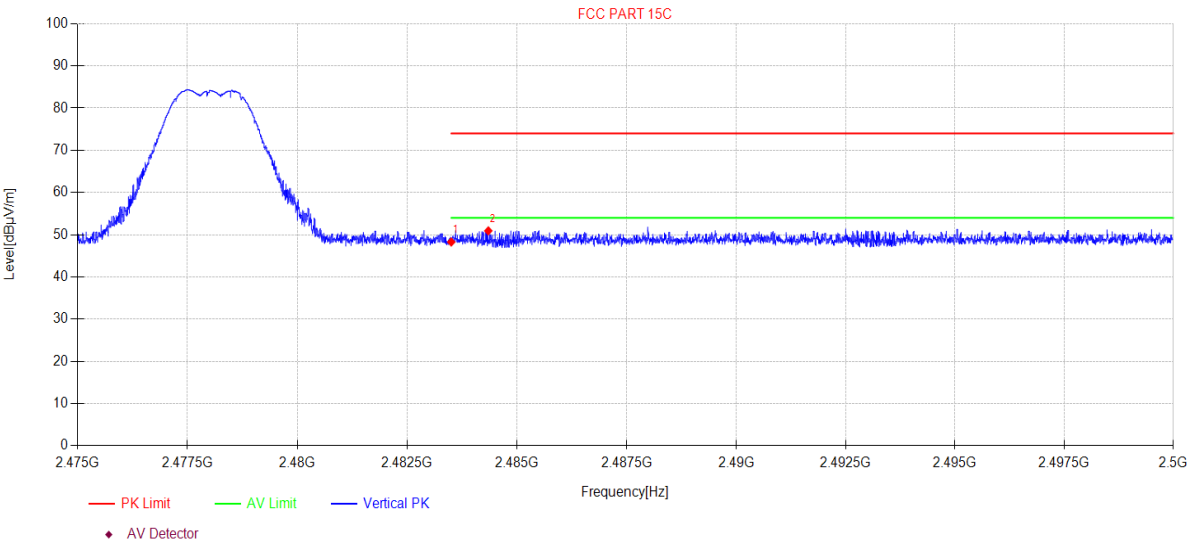
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Memo:

R Sample Number:S23122824-03 Power Setting:0X08

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	16.80	27.53	3.94	0.00	48.27	74.00	25.73	PK	Vertical
2	2484.345	19.44	27.54	3.94	0.00	50.92	74.00	23.08	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

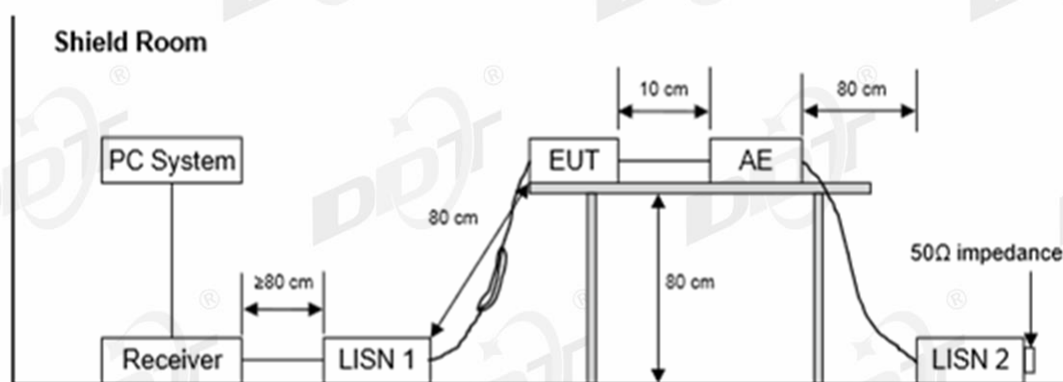
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Power Line Conducted Emissions

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
EMI Test Receiver	R&S	ESCI	DDT-ZC00235	2024/07/10
Artificial mains	R&S	ESH2-Z5	DDT-ZC00538	2024/07/11
Two Line V-Network	R&S	ENV216	DDT-ZC00535	2024/07/10
CE Cable 1	R&S	ESU8/RF2	DDT-ZC00566	2024/07/14
Pulse Limiter	SCHWARZBEC K	ESH3-Z2	DDT-ZC00539	2024/07/14
EMI Test Software	Audix/TW	e3	DDT-ZC01252	/

14.2. Block diagram of test setup



14.3. Limits

Frequency	Quasi-Peak Level dB(mV)	Average Level dB(mV)
150 kHz~500 kHz	66 ~ 56*	56 ~ 46*
500 kHz~5 MHz	56	46
5 MHz~30 MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

14.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
Adapter	SAMSUNG	EP-TA200	Samsung fast charging	Input: 100-240~, 50/60Hz, 0.5A; Output: 9V/1.67A or 5V/2A

14.5. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

14.6. Test result

PASS. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: “----” means Peak detection; “-----” means Average detection.

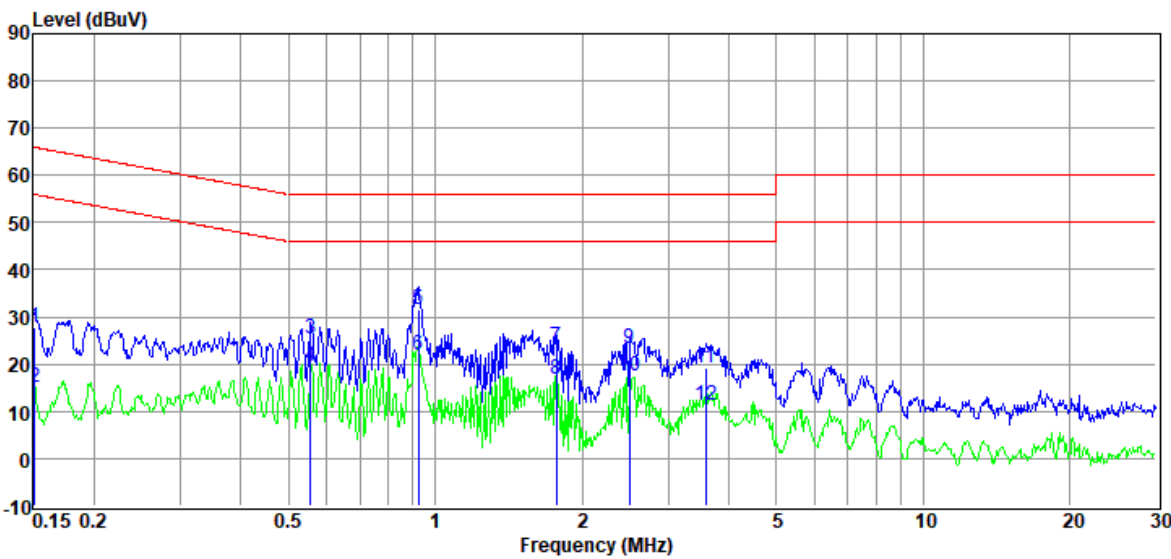
Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

14.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site	: DDT 1# Shield Room	D:\2024 CE report data\Q23122824-2E\FCC CE.EM6
Test Date	: 2024-03-30	Tested By : Junchang Du
EUT	: Wireless Hearing Aid	Model Number : JLH1
Power Supply	: AC 120V/60Hz	Test Mode : BLE1M mode
Condition	: TEMP:22.2°C, RH:57.5%	LISN : 2023 1# ENV216/NEUTRAL
Memo	: Sample Number:S23122824-03	

Data: 6



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	7.54	9.83	0.92	9.68	27.97	65.96	-37.99	QP	NEUTRAL
2	0.15	-5.27	9.83	0.92	9.68	15.16	55.96	-40.80	Average	NEUTRAL
3	0.56	4.94	9.81	0.84	9.71	25.30	56.00	-30.70	QP	NEUTRAL
4	0.56	-0.82	9.81	0.84	9.71	19.54	46.00	-26.46	Average	NEUTRAL
5	0.92	11.33	9.80	0.69	9.73	31.55	56.00	-24.45	QP	NEUTRAL
6	0.92	1.72	9.80	0.69	9.73	21.94	46.00	-24.06	Average	NEUTRAL
7	1.77	3.32	9.79	0.65	9.75	23.51	56.00	-32.49	QP	NEUTRAL
8	1.77	-3.32	9.79	0.65	9.75	16.87	46.00	-29.13	Average	NEUTRAL
9	2.50	3.25	9.72	0.61	9.77	23.35	56.00	-32.65	QP	NEUTRAL
10	2.50	-2.54	9.72	0.61	9.77	17.56	46.00	-28.44	Average	NEUTRAL
11	3.58	-0.76	9.73	0.57	9.78	19.32	56.00	-36.68	QP	NEUTRAL
12	3.58	-8.71	9.73	0.57	9.78	11.37	46.00	-34.63	Average	NEUTRAL

- Note:
- Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
 - If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
 - Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
 - Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 1# Shield Room

Test Date

: 2024-03-30

EUT

: Wireless Hearing Aid

Power Supply

: AC 120V/60Hz

Condition

: TEMP:22.2°C, RH:57.5%

Memo

: Sample Number:S23122824-03

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Tested By

: Junchang Du

Model Number

: JLH1

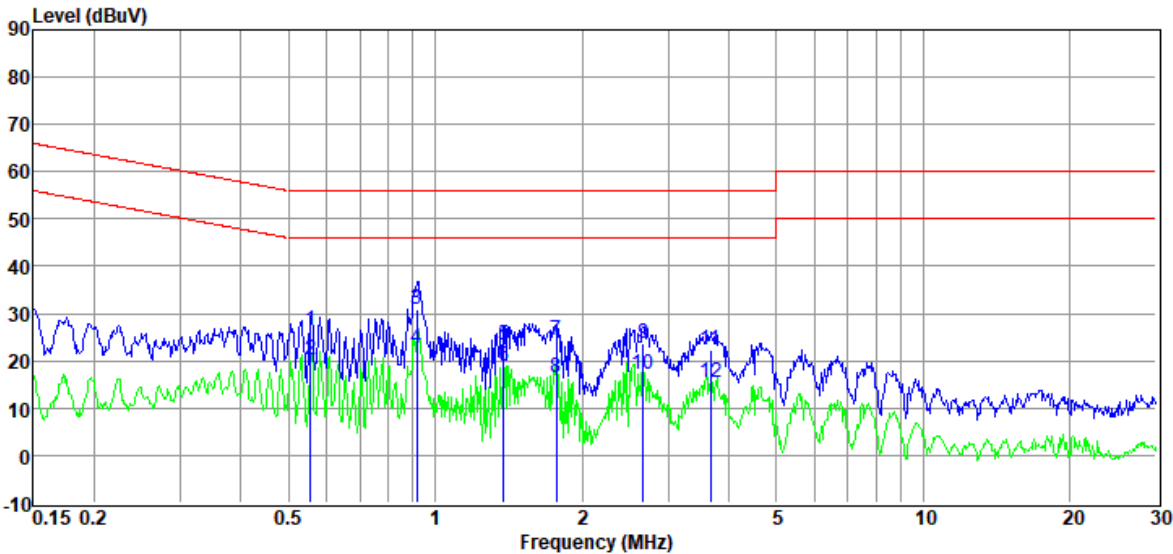
Test Mode

: BLE1M mode

LISN

: 2023 1# ENV216/LINE

Data: 8



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.56	6.04	9.80	0.84	9.71	26.39	56.00	-29.61	QP	LINE
2	0.56	0.05	9.80	0.84	9.71	20.40	46.00	-25.60	Average	LINE
3	0.92	10.90	9.60	0.69	9.73	30.92	56.00	-25.08	QP	LINE
4	0.92	2.63	9.60	0.69	9.73	22.65	46.00	-23.35	Average	LINE
5	1.38	3.16	9.65	0.66	9.74	23.21	56.00	-32.79	QP	LINE
6	1.38	-1.12	9.65	0.66	9.74	18.93	46.00	-27.07	Average	LINE
7	1.77	4.26	9.75	0.65	9.75	24.41	56.00	-31.59	QP	LINE
8	1.77	-3.76	9.75	0.65	9.75	16.39	46.00	-29.61	Average	LINE
9	2.66	3.55	9.70	0.60	9.77	23.62	56.00	-32.38	QP	LINE
10	2.66	-2.97	9.70	0.60	9.77	17.10	46.00	-28.90	Average	LINE
11	3.66	2.16	9.64	0.57	9.78	22.15	56.00	-33.85	QP	LINE
12	3.66	-4.54	9.64	0.57	9.78	15.45	46.00	-30.55	Average	LINE

Note:

1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).

4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 1# Shield Room

Test Date

: 2024-03-30

EUT

: Wireless Hearing Aid

Power Supply

: AC 120V/60Hz

Condition

: TEMP:22.2°C, RH:57.5%

Memo

: Sample Number:S23122824-03

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Tested By

: Junchang Du

Model Number

: JLH1

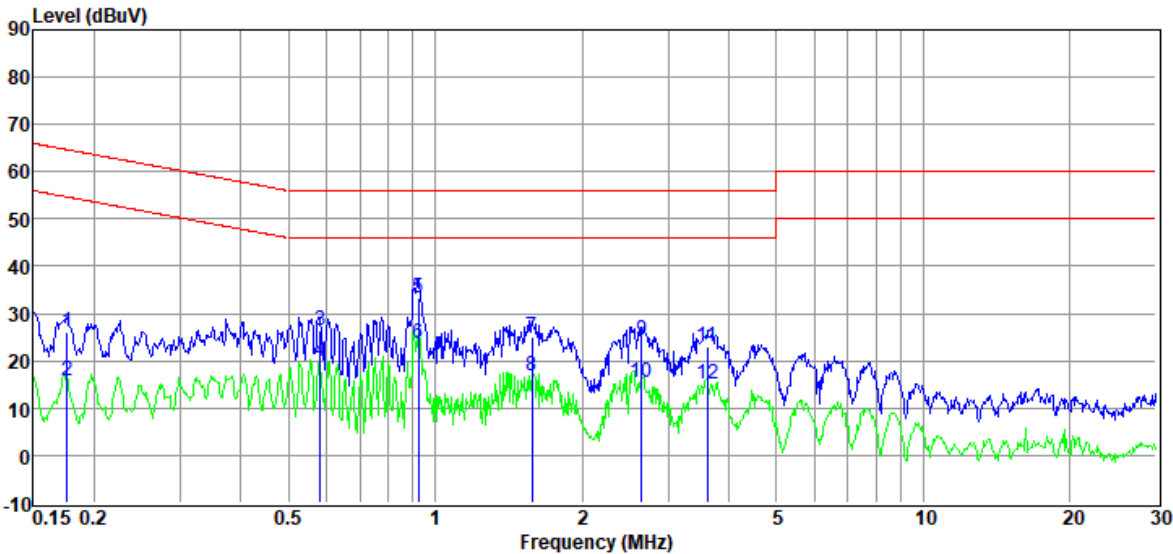
Test Mode

: BLE2M mode

LISN

: 2023 1# ENV216/LINE

Data: 10



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.18	5.87	9.74	0.92	9.68	26.21	64.68	-38.47	QP	LINE
2	0.18	-4.50	9.74	0.92	9.68	15.84	54.68	-38.84	Average	LINE
3	0.58	6.07	9.79	0.83	9.72	26.41	56.00	-29.59	QP	LINE
4	0.58	-0.54	9.79	0.83	9.72	19.80	46.00	-26.20	Average	LINE
5	0.92	13.21	9.60	0.69	9.73	33.23	56.00	-22.77	QP	LINE
6	0.92	3.81	9.60	0.69	9.73	23.83	46.00	-22.17	Average	LINE
7	1.58	4.84	9.66	0.65	9.75	24.90	56.00	-31.10	QP	LINE
8	1.58	-3.41	9.66	0.65	9.75	16.65	46.00	-29.35	Average	LINE
9	2.65	4.13	9.70	0.61	9.77	24.21	56.00	-31.79	QP	LINE
10	2.65	-4.55	9.70	0.61	9.77	15.53	46.00	-30.47	Average	LINE
11	3.60	3.17	9.64	0.57	9.78	23.16	56.00	-32.84	QP	LINE
12	3.60	-4.99	9.64	0.57	9.78	15.00	46.00	-31.00	Average	LINE

Note:

- Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
- If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
- Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 1# Shield Room

D:\2024 CE report data\Q23122824-2E\FCC CE.EM6

Test Date

: 2024-03-30

Tested By

: Junchang Du

EUT

: Wireless Hearing Aid

Model Number

: JLH1

Power Supply

: AC 120V/60Hz

Test Mode

: BLE2M mode

Condition

: TEMP:22.2°C, RH:57.5%

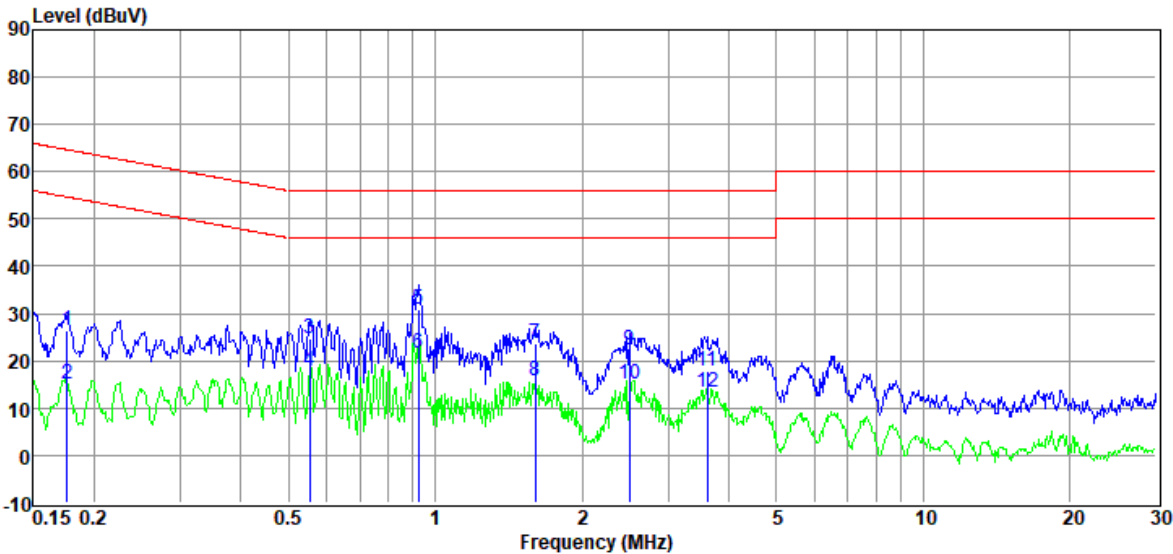
LISN

: 2023 1# ENV216/NEUTRAL

Memo

: Sample Number:S23122824-03

Data: 12



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.18	6.01	9.85	0.92	9.68	26.46	64.68	-38.22	QP	NEUTRAL
2	0.18	-5.45	9.85	0.92	9.68	15.00	54.68	-39.68	Average	NEUTRAL
3	0.55	4.38	9.81	0.84	9.71	24.74	56.00	-31.26	QP	NEUTRAL
4	0.55	-2.59	9.81	0.84	9.71	17.77	46.00	-28.23	Average	NEUTRAL
5	0.92	10.53	9.80	0.69	9.73	30.75	56.00	-25.25	QP	NEUTRAL
6	0.92	1.28	9.80	0.69	9.73	21.50	46.00	-24.50	Average	NEUTRAL
7	1.60	3.40	9.76	0.65	9.75	23.56	56.00	-32.44	QP	NEUTRAL
8	1.60	-4.38	9.76	0.65	9.75	15.78	46.00	-30.22	Average	NEUTRAL
9	2.50	2.37	9.72	0.61	9.77	22.47	56.00	-33.53	QP	NEUTRAL
10	2.50	-5.11	9.72	0.61	9.77	14.99	46.00	-31.01	Average	NEUTRAL
11	3.60	-2.33	9.74	0.57	9.78	17.76	56.00	-38.24	QP	NEUTRAL
12	3.60	-6.78	9.74	0.57	9.78	13.31	46.00	-32.69	Average	NEUTRAL

Note:

- Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
- If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
- Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

16. Photos of the EUT

Please refer to DDT-Q23122824-1E appendix I

-----End Report-----