

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-05-07

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE1M TX 2440MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

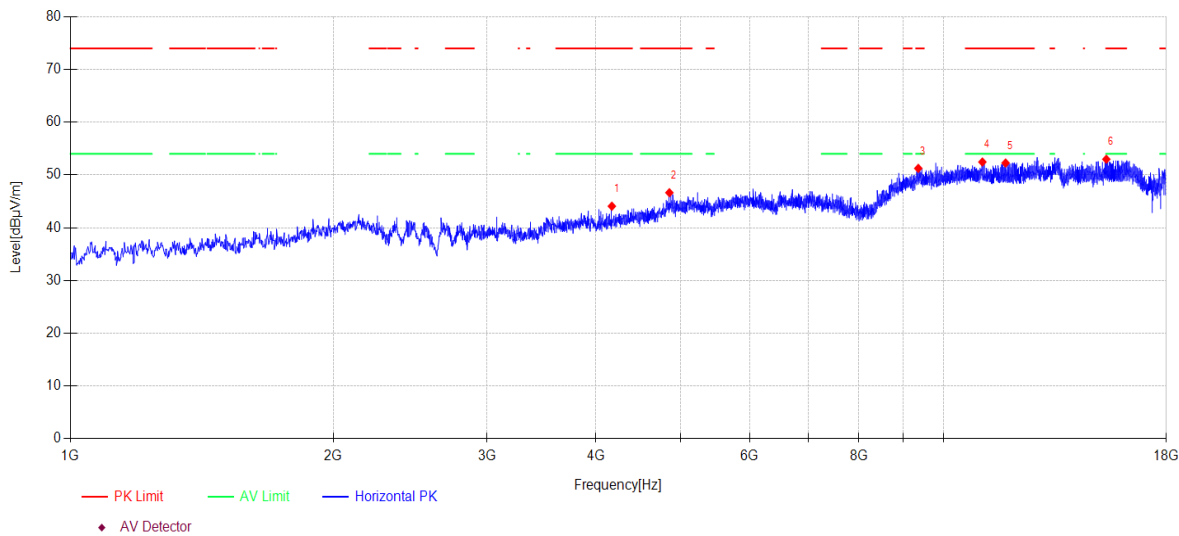
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Memo:

Left side Sample Number:S24031401-002

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	4170.500	47.08	31.20	6.19	-40.39	44.08	74.00	29.92	PK	Horizontal
2	4853.900	45.46	33.74	7.57	-40.13	46.64	74.00	27.36	PK	Horizontal
3	9357.200	42.50	38.70	8.81	-38.76	51.25	74.00	22.75	PK	Horizontal
4	11081.000	42.57	39.30	9.72	-39.13	52.46	74.00	21.54	PK	Horizontal
5	11781.400	42.45	38.92	10.35	-39.46	52.26	74.00	21.74	PK	Horizontal
6	15365.000	39.68	39.28	13.00	-38.98	52.98	74.00	21.02	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:

2024-05-07

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Genliu

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JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE1M TX 2440MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

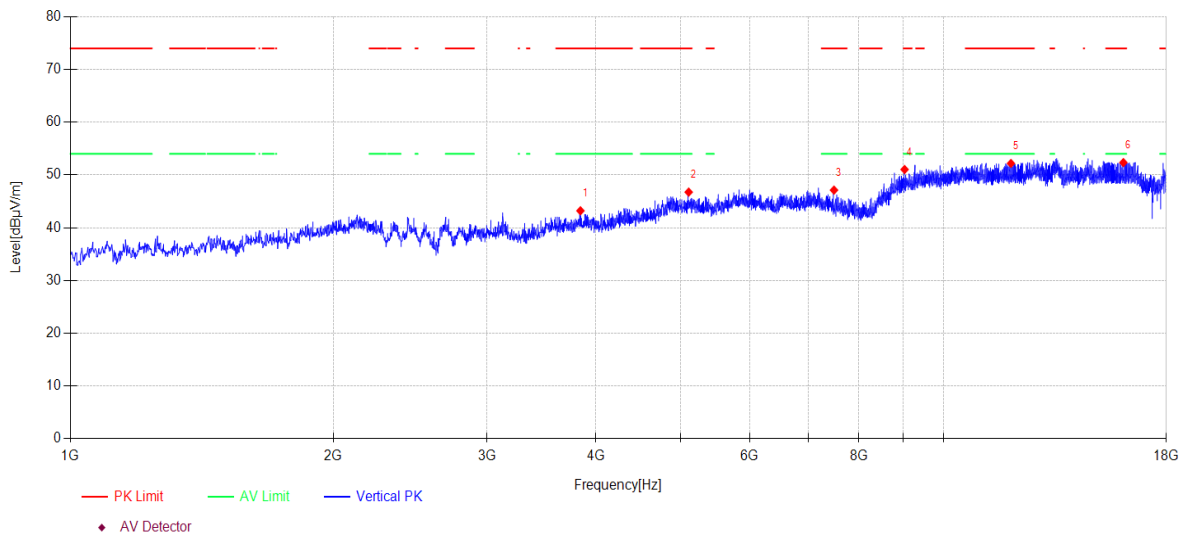
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Memo:

Left side Sample Number:S24031401-002

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	3839.000	46.89	30.86	5.81	-40.35	43.21	74.00	30.79	PK	Vertical
2	5107.200	45.40	33.40	8.02	-40.07	46.75	74.00	27.25	PK	Vertical
3	7492.300	44.90	36.52	7.64	-41.93	47.13	74.00	26.87	PK	Vertical
4	9025.700	42.74	38.35	8.74	-38.79	51.04	74.00	22.96	PK	Vertical
5	11948.000	42.20	39.04	10.49	-39.54	52.19	74.00	21.81	PK	Vertical
6	16070.500	38.24	37.93	15.60	-39.42	52.35	74.00	21.65	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:

2024-05-07

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE1M TX 2480MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

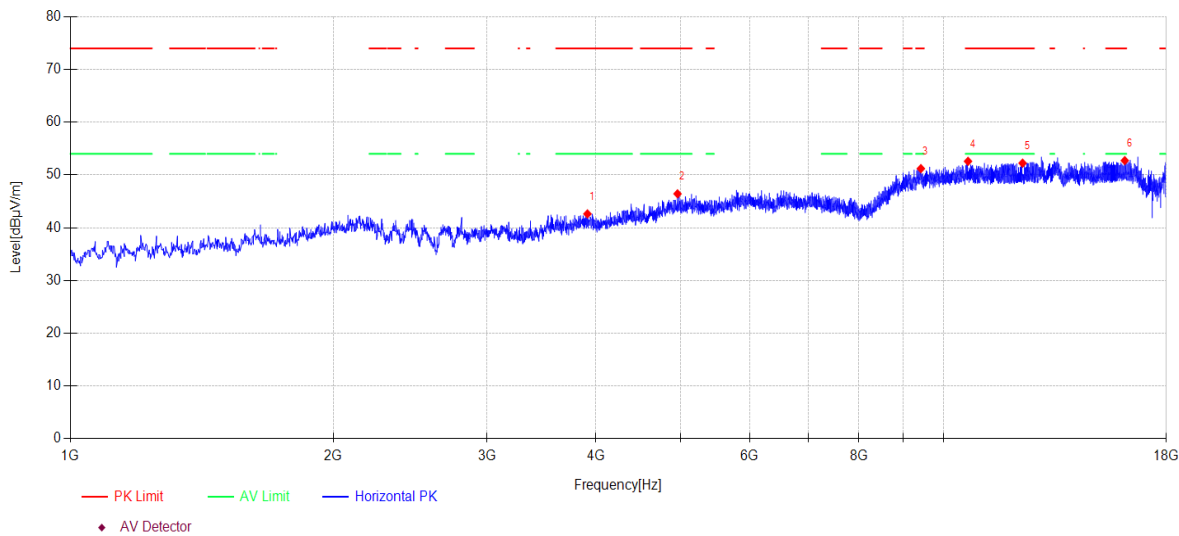
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Memo:

Left side Sample Number:S24031401-002

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	3910.400	46.01	31.18	5.83	-40.40	42.62	74.00	31.38	PK	Horizontal
2	4959.300	45.62	33.12	7.79	-40.10	46.43	74.00	27.57	PK	Horizontal
3	9421.800	42.45	38.70	8.82	-38.76	51.21	74.00	22.79	PK	Horizontal
4	10669.600	42.80	39.34	9.42	-38.97	52.59	74.00	21.41	PK	Horizontal
5	12322.000	42.09	39.30	10.54	-39.69	52.24	74.00	21.76	PK	Horizontal
6	16131.700	38.97	37.87	15.36	-39.47	52.73	74.00	21.27	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:

2024-05-07

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE1M TX 2480MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

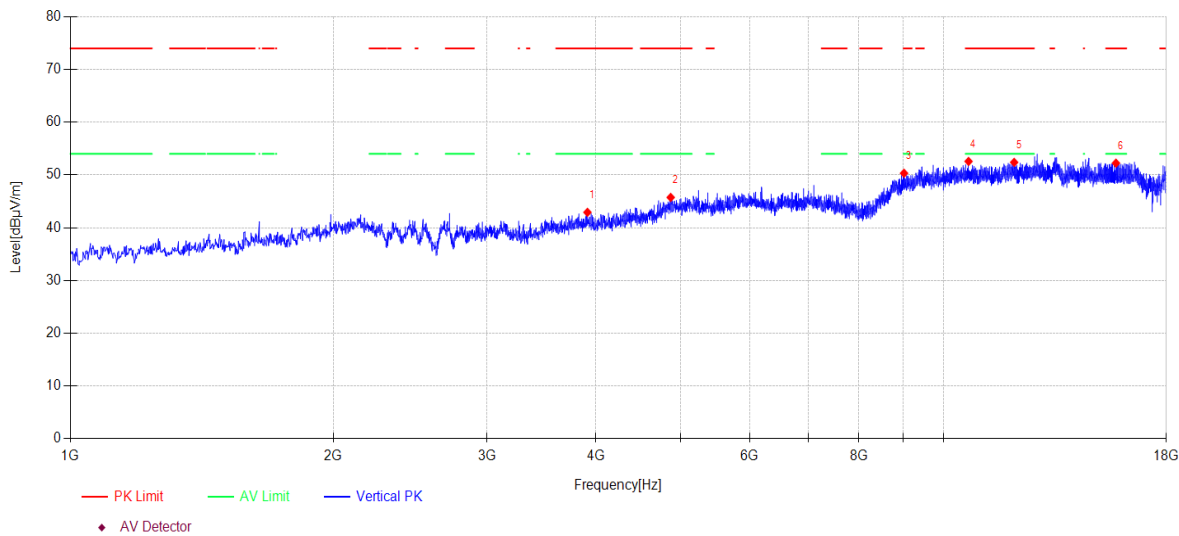
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Memo:

Left side Sample Number:S24031401-002

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	3910.400	46.31	31.18	5.83	-40.40	42.92	74.00	31.08	PK	Vertical
2	4870.900	44.80	33.47	7.61	-40.13	45.75	74.00	28.25	PK	Vertical
3	9012.100	42.07	38.32	8.73	-38.79	50.33	74.00	23.67	PK	Vertical
4	10684.900	42.74	39.37	9.43	-38.97	52.57	74.00	21.43	PK	Vertical
5	12050.000	42.18	39.25	10.54	-39.58	52.39	74.00	21.61	PK	Vertical
6	15759.400	38.29	38.38	14.79	-39.22	52.24	74.00	21.76	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:

2024-05-07

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE2M TX 2404MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

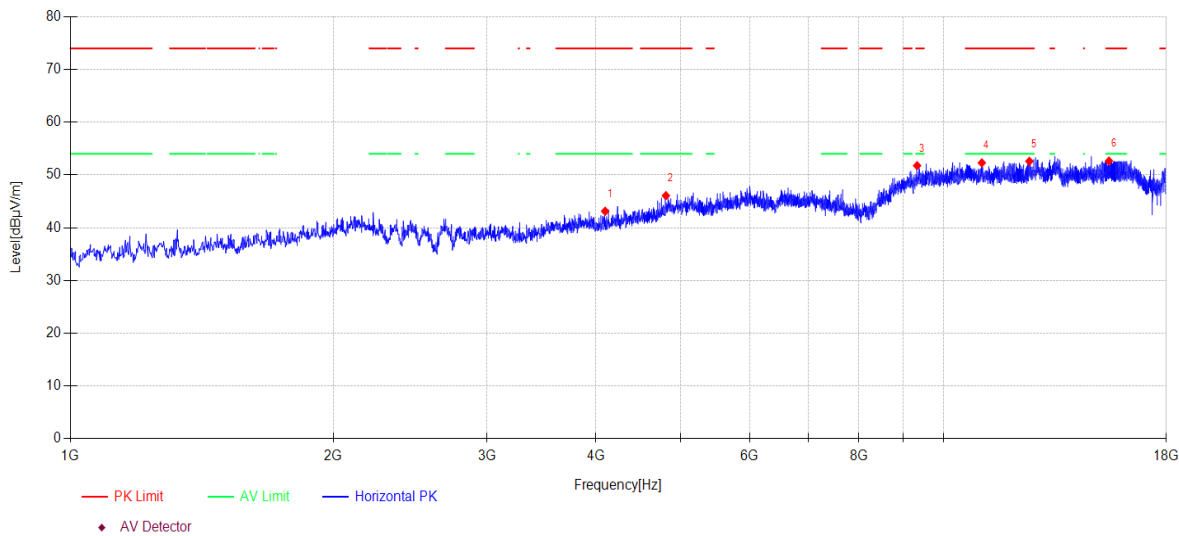
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Memo:

Left side Sample Number:S24031401-002

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	4097.400	46.40	31.09	6.05	-40.41	43.13	74.00	30.87	PK	Horizontal
2	4809.700	45.98	32.75	7.49	-40.15	46.07	74.00	27.93	PK	Horizontal
3	9328.300	43.08	38.66	8.80	-38.77	51.77	74.00	22.23	PK	Horizontal
4	11064.000	42.41	39.30	9.71	-39.12	52.30	74.00	21.70	PK	Horizontal
5	12543.000	42.43	39.40	10.54	-39.77	52.60	74.00	21.40	PK	Horizontal
6	15472.100	39.34	38.86	13.49	-39.04	52.65	74.00	21.35	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:

2024-05-07

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE2M TX 2404MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

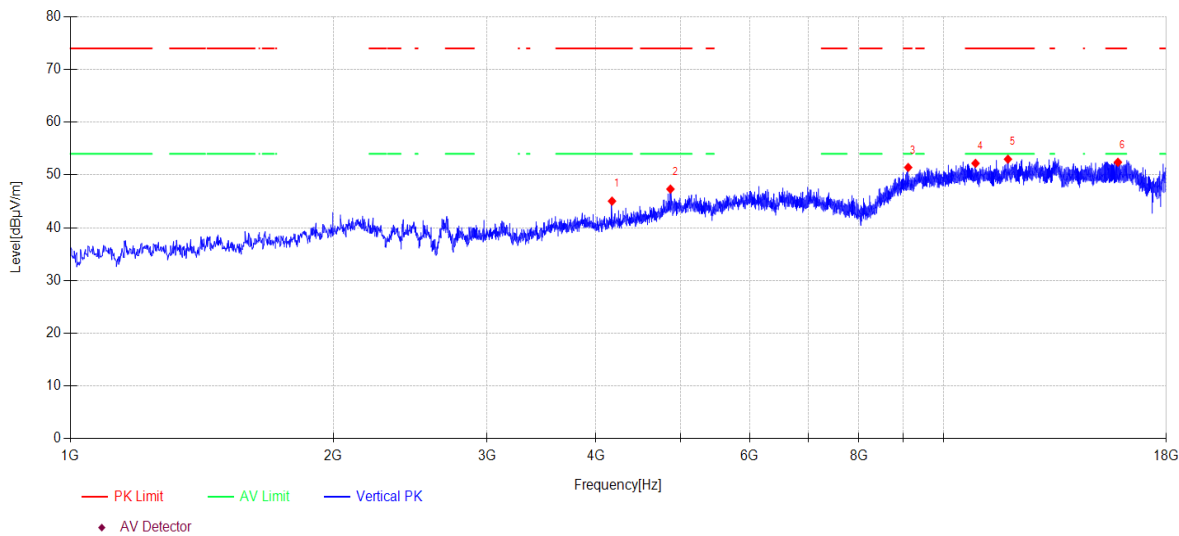
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Memo:

Left side Sample Number:S24031401-002

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	4172.200	48.03	31.20	6.20	-40.39	45.04	74.00	28.96	PK	Vertical
2	4867.500	46.33	33.52	7.60	-40.13	47.32	74.00	26.68	PK	Vertical
3	9112.400	42.96	38.50	8.75	-38.78	51.43	74.00	22.57	PK	Vertical
4	10882.100	42.36	39.32	9.57	-39.05	52.20	74.00	21.80	PK	Vertical
5	11854.500	43.17	38.90	10.41	-39.49	52.99	74.00	21.01	PK	Vertical
6	15842.700	38.30	38.21	15.17	-39.27	52.41	74.00	21.59	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:

2024-05-07

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE2M TX 2440MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

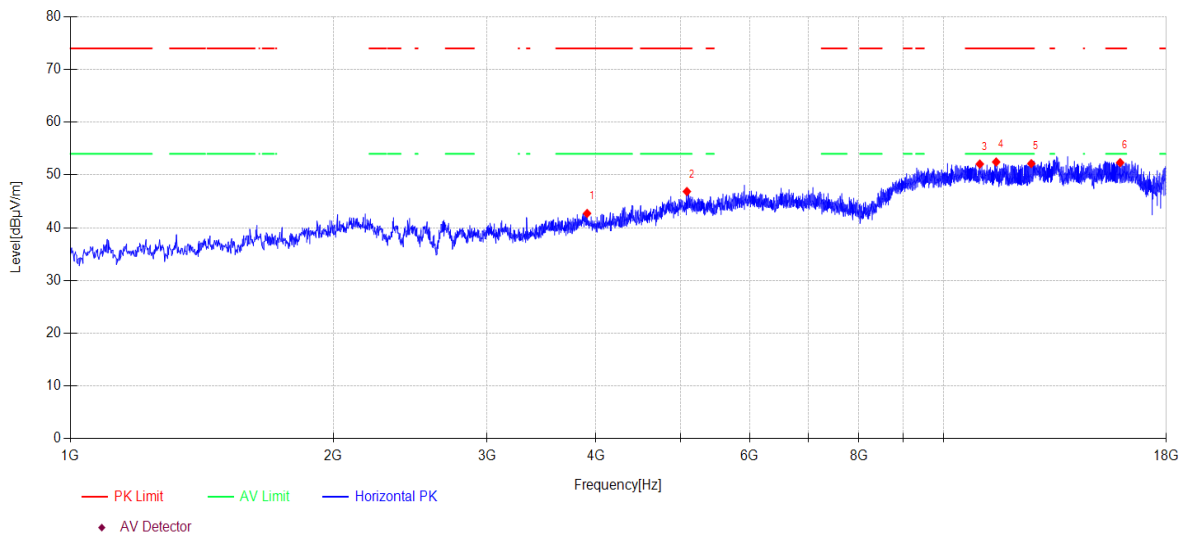
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Memo:

Left side Sample Number:S24031401-002

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	3907.000	46.08	31.19	5.83	-40.39	42.71	74.00	31.29	PK	Horizontal
2	5083.400	45.58	33.37	7.99	-40.07	46.87	74.00	27.13	PK	Horizontal
3	11006.200	42.20	39.30	9.66	-39.09	52.07	74.00	21.93	PK	Horizontal
4	11490.700	42.48	39.21	10.09	-39.32	52.46	74.00	21.54	PK	Horizontal
5	12605.900	42.00	39.41	10.54	-39.80	52.15	74.00	21.85	PK	Horizontal
6	15934.500	38.01	38.07	15.58	-39.32	52.34	74.00	21.66	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:

2024-05-07

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE2M TX 2440MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

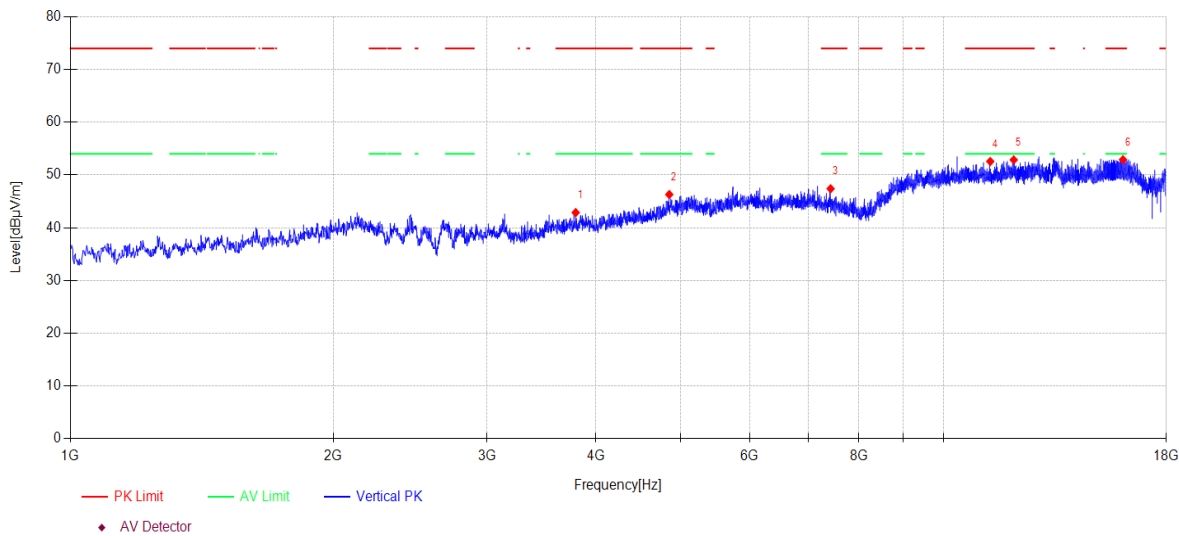
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Memo:

Left side Sample Number:S24031401-002

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	3791.400	46.73	30.67	5.80	-40.32	42.88	74.00	31.12	PK	Vertical
2	4852.200	45.10	33.76	7.57	-40.13	46.30	74.00	27.70	PK	Vertical
3	7426.000	44.87	36.65	7.64	-41.77	47.39	74.00	26.61	PK	Vertical
4	11313.900	42.66	39.21	9.93	-39.24	52.56	74.00	21.44	PK	Vertical
5	12036.400	42.65	39.24	10.54	-39.57	52.86	74.00	21.14	PK	Vertical
6	16055.200	38.70	37.94	15.66	-39.40	52.90	74.00	21.10	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:

2024-05-07

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE2M TX 2478MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

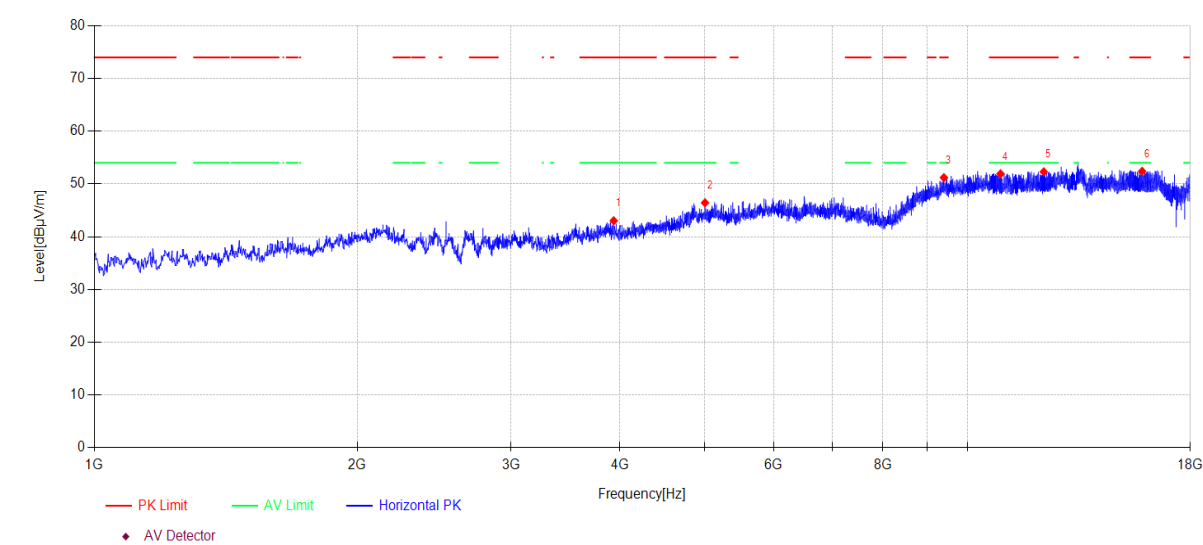
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Memo:

Left side Sample Number:S24031401-002

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	3934.200	46.47	31.13	5.84	-40.41	43.03	74.00	30.97	PK	Horizontal
2	5005.200	45.42	33.21	7.88	-40.08	46.43	74.00	27.57	PK	Horizontal
3	9398.000	42.45	38.70	8.81	-38.76	51.20	74.00	22.80	PK	Horizontal
4	10911.000	42.09	39.30	9.59	-39.06	51.92	74.00	22.08	PK	Horizontal
5	12228.500	42.11	39.30	10.54	-39.65	52.30	74.00	21.70	PK	Horizontal
6	15849.500	38.26	38.20	15.20	-39.27	52.39	74.00	21.61	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:

2024-05-07

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE2M TX 2478MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

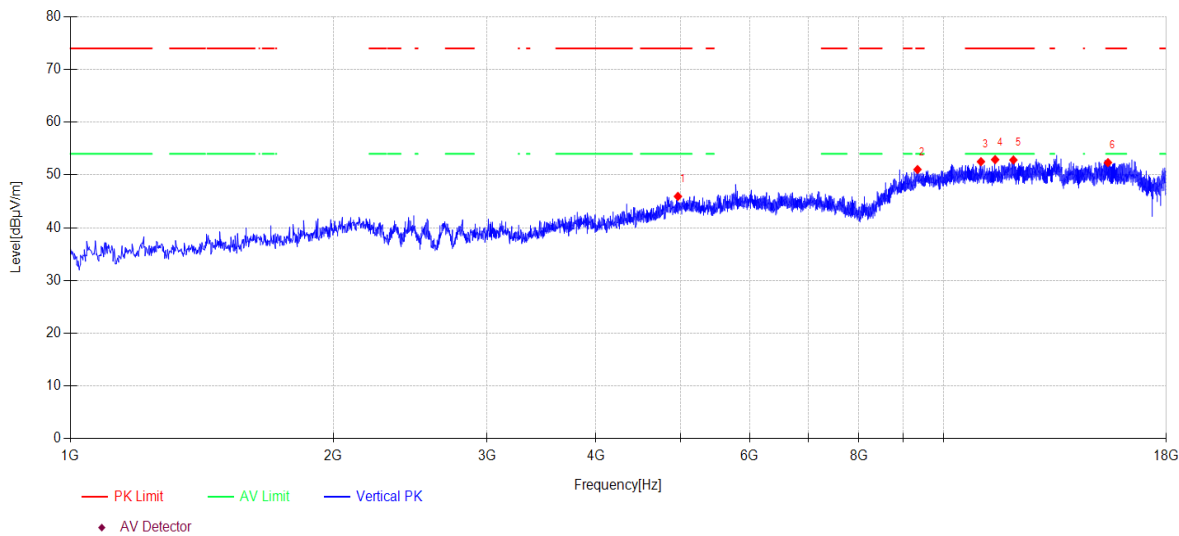
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Memo:

Left side Sample Number:S24031401-002

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	4964.400	45.10	33.13	7.80	-40.09	45.94	74.00	28.06	PK	Vertical
2	9338.500	42.32	38.68	8.80	-38.77	51.03	74.00	22.97	PK	Vertical
3	11038.500	42.65	39.30	9.68	-39.11	52.52	74.00	21.48	PK	Vertical
4	11460.100	42.92	39.24	10.06	-39.31	52.91	74.00	21.09	PK	Vertical
5	12026.200	42.64	39.23	10.54	-39.57	52.84	74.00	21.16	PK	Vertical
6	15431.300	39.12	38.94	13.30	-39.02	52.34	74.00	21.66	PK	Vertical

Note:

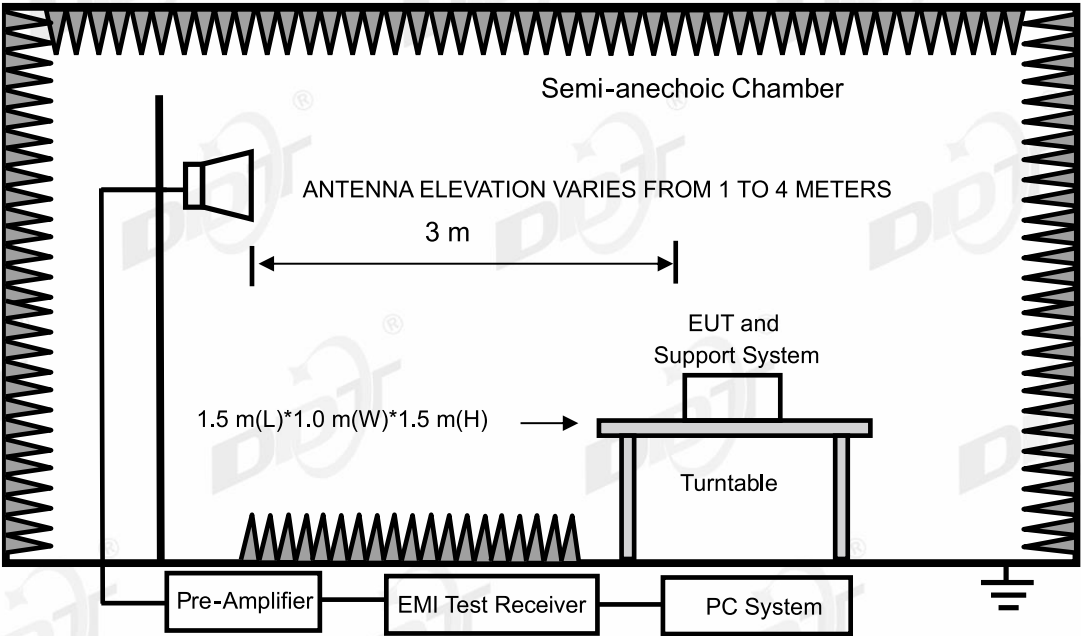
- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13.Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2025/09/17
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2025/04/01
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
RF cable	Yuhu Technology	ZT26S-SMAJ- SMAJ-1M	DDT-ZC02037	2025/04/01
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ- 1.5M	DDT-ZC02762	2025/04/01
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2024/07/14
ELECTRIC AND MAGNETIC FIELD ANALYZER	Narda	EHP-200A	DDT-ZC01401	2024/09/20
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2025/04/23
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2025/04/01
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2025/04/01
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2025/04/01
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/10
RF cable	Yuhu Technology	JCTB810-NJ-NJ- 9M	DDT-ZC02538	2025/04/01
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2025/04/23
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2025/04/23
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2024/07/11
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2025/04/01
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2025/04/25
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/

13.2. Block diagram of test setup



13.3. Limits

All restriction band should comply with 15.209 limits, other emission should be at least 20 dB below the fundamental.

13.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

13.5. Test procedure

Same with Radiated Emission except change investigated frequency range.
Remark: All restriction band have been tested, and only the worst case is shown in report.

13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-05-06

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE1M TX 2402MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

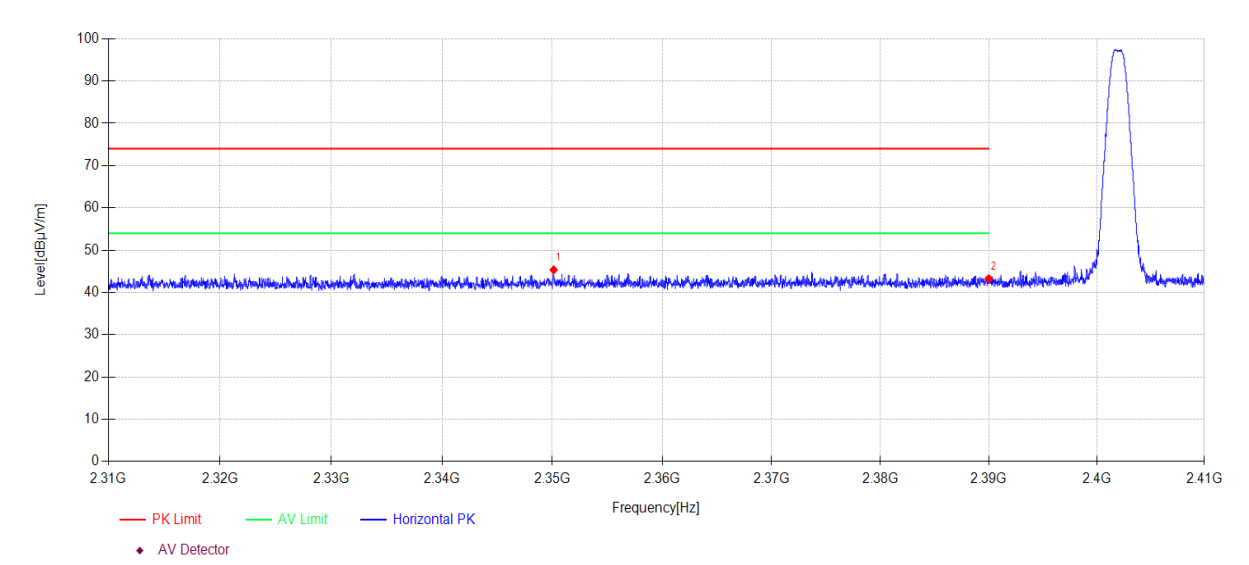
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Memo:

Right side Sample Number:S24031401-002

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	2350.120	14.40	27.10	3.84	0.00	45.34	74.00	28.66	PK	Horizontal
2	2390.000	12.12	27.26	3.87	0.00	43.25	74.00	30.75	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:

2024-05-06

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE1M TX 2402MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

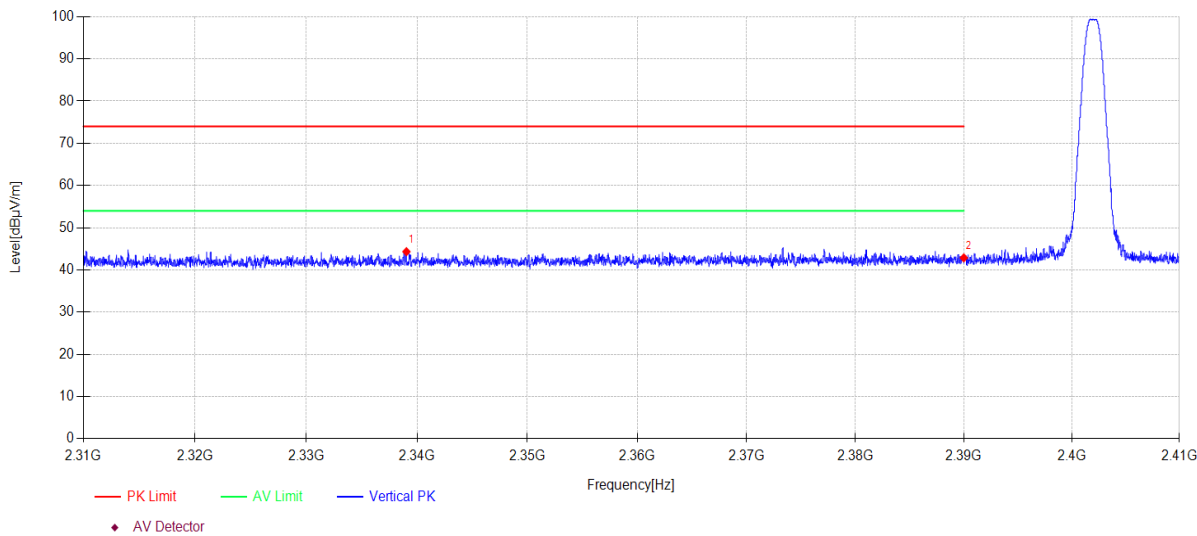
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d:\ts\2024 report data\Q24031401-1E\FCC ABOVE 1G\26

Memo:

Right side Sample Number:S24031401-002

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	2339.040	13.47	27.03	3.83	0.00	44.33	74.00	29.67	PK	Vertical
2	2390.000	11.73	27.26	3.87	0.00	42.86	74.00	31.14	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:

2024-05-06

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE2M TX 2404MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

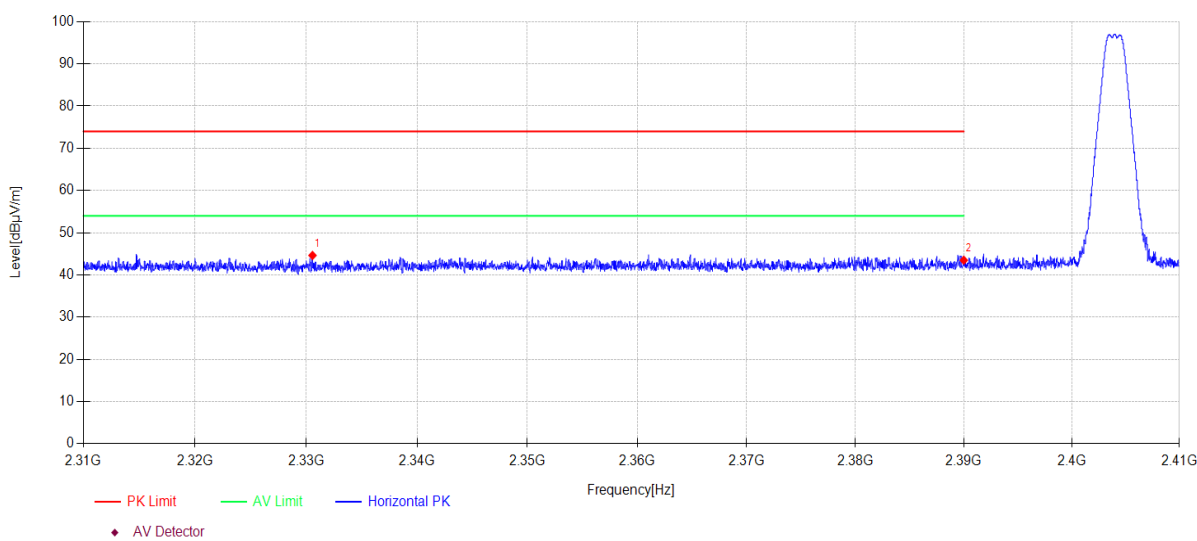
File Path:

d:\ts\2024 report data\Q24031401-1E\FCC ABOVE 1G\27

Memo:

Right side Sample Number:S24031401-002

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	2330.560	13.82	26.98	3.82	0.00	44.62	74.00	29.38	PK	Horizontal
2	2390.000	12.35	27.26	3.87	0.00	43.48	74.00	30.52	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:

2024-05-06

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE2M TX 2404MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

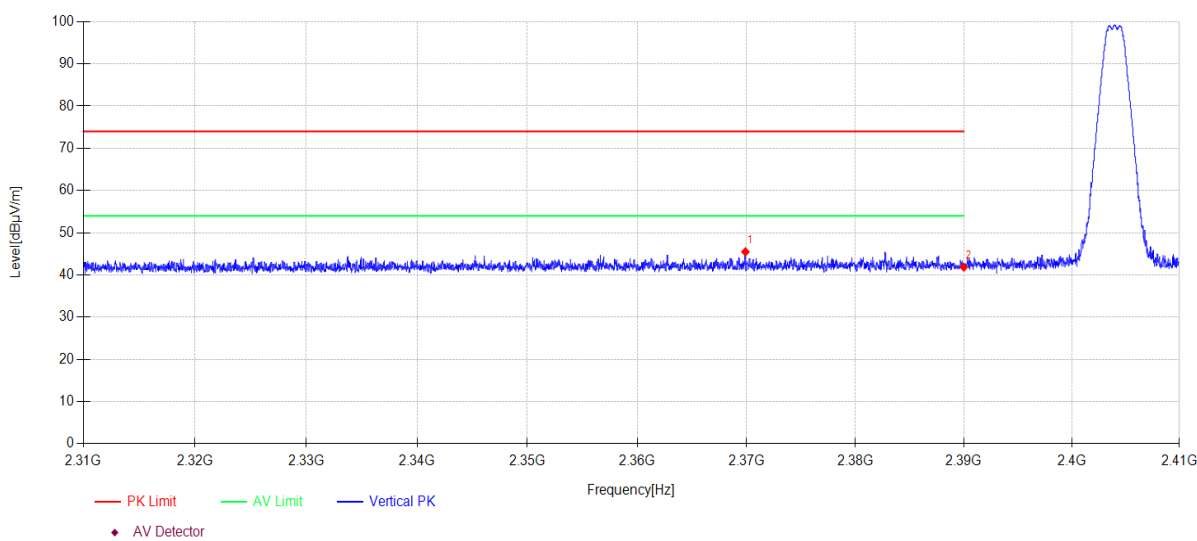
File Path:

d:\ts\2024 report data\Q24031401-1E\FCC ABOVE 1G\28

Memo:

Right side Sample Number:S24031401-002

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	2369.900	14.45	27.18	3.85	0.00	45.48	74.00	28.52	PK	Vertical
2	2390.000	10.71	27.26	3.87	0.00	41.84	74.00	32.16	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:

2024-05-06

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE1M TX 2480MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

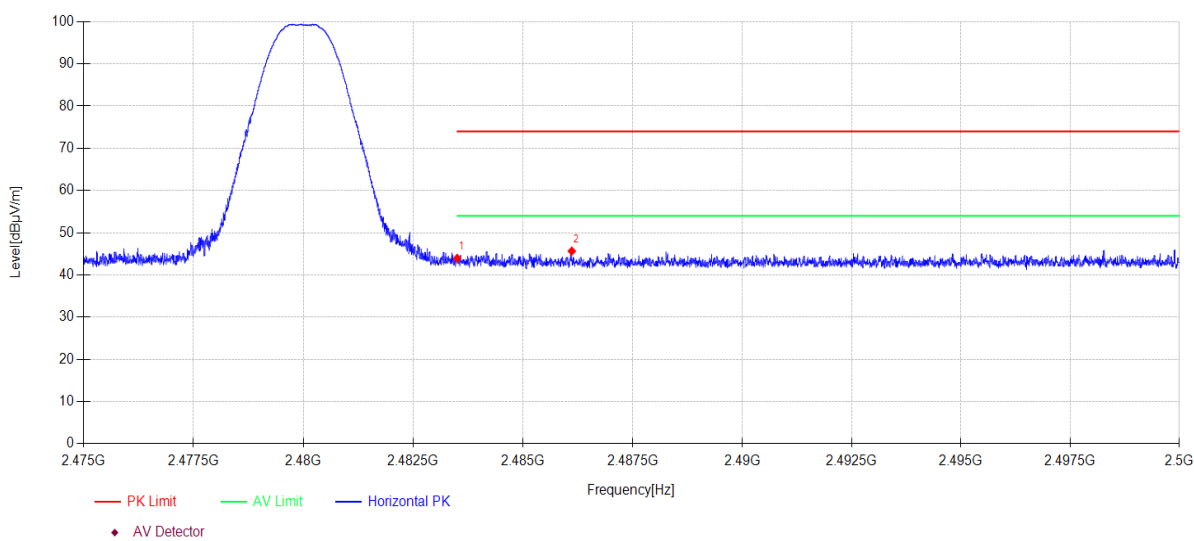
File Path:

d:\ts\2024 report data\Q24031401-1E\FCC ABOVE 1G\35

Memo:

Right side Sample Number:S24031401-002

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	12.46	27.53	3.94	0.00	43.93	74.00	30.07	PK	Horizontal
2	2486.110	14.17	27.54	3.94	0.00	45.65	74.00	28.35	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:

2024-05-06

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE1M TX 2480MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

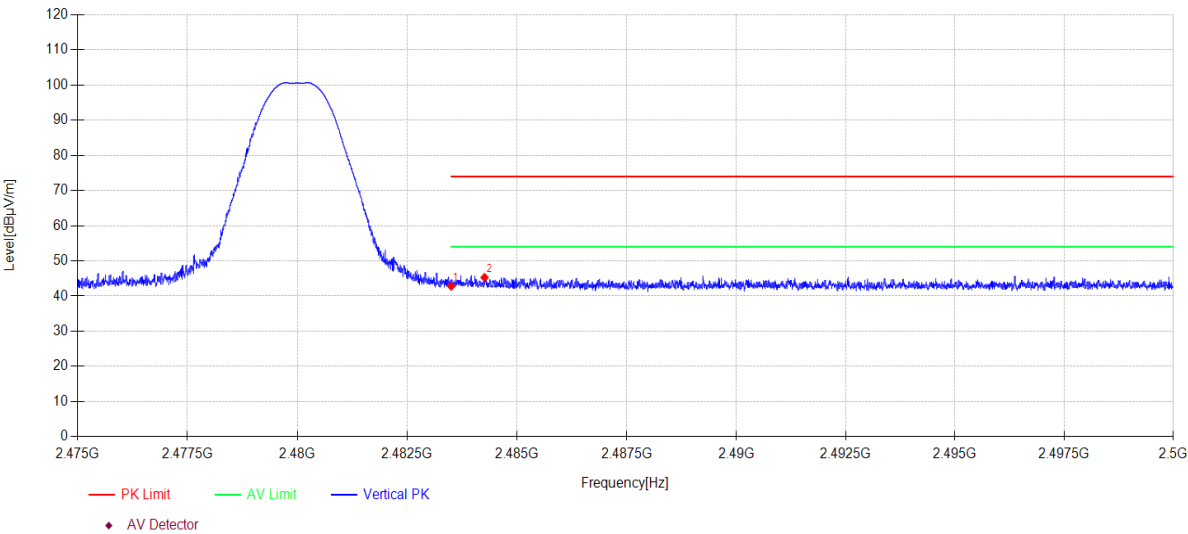
File Path:

d:\ts\2024 report data\Q24031401-1E\FCC ABOVE 1G\36

Memo:

Right side Sample Number:S24031401-002

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	11.32	27.53	3.94	0.00	42.79	74.00	31.21	PK	Vertical
2	2484.260	13.80	27.54	3.94	0.00	45.28	74.00	28.72	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:

2024-05-06

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE2M TX 2478MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

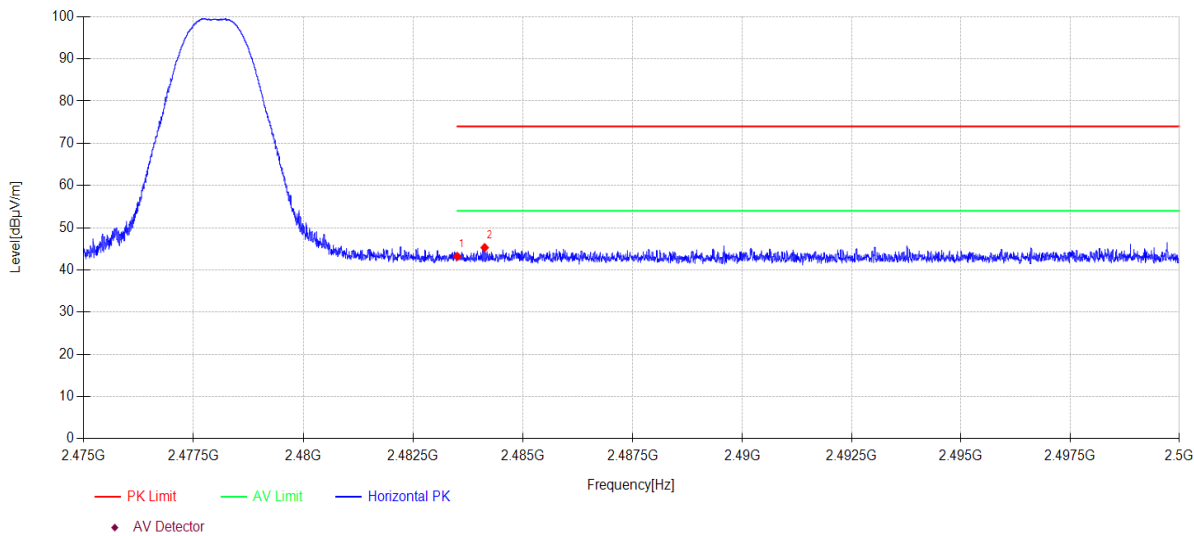
File Path:

d:\ts\2024 report data\Q24031401-1E\FCC ABOVE 1G\37

Memo:

Right side Sample Number:S24031401-002

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	11.74	27.53	3.94	0.00	43.21	74.00	30.79	PK	Horizontal
2	2484.125	13.82	27.54	3.94	0.00	45.30	74.00	28.70	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:

2024-05-06

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE2M TX 2478MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

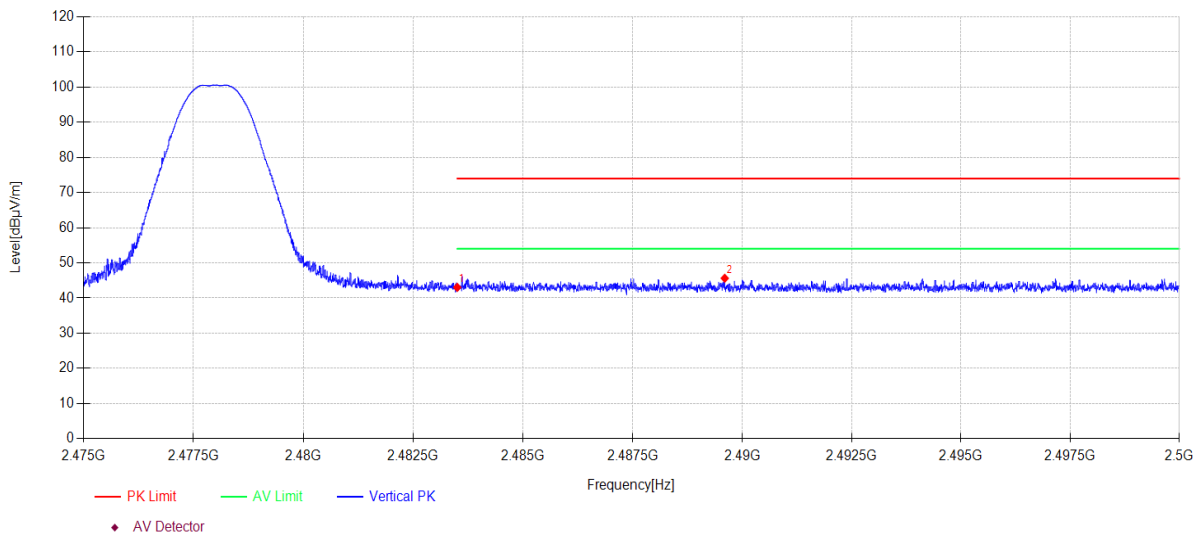
File Path:

d:\ts\2024 report data\Q24031401-1E\FCC ABOVE 1G\38

Memo:

Right side Sample Number:S24031401-002

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	11.57	27.53	3.94	0.00	43.04	74.00	30.96	PK	Vertical
2	2489.600	14.14	27.56	3.94	0.00	45.64	74.00	28.36	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:

2024-05-07

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE1M TX 2402MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

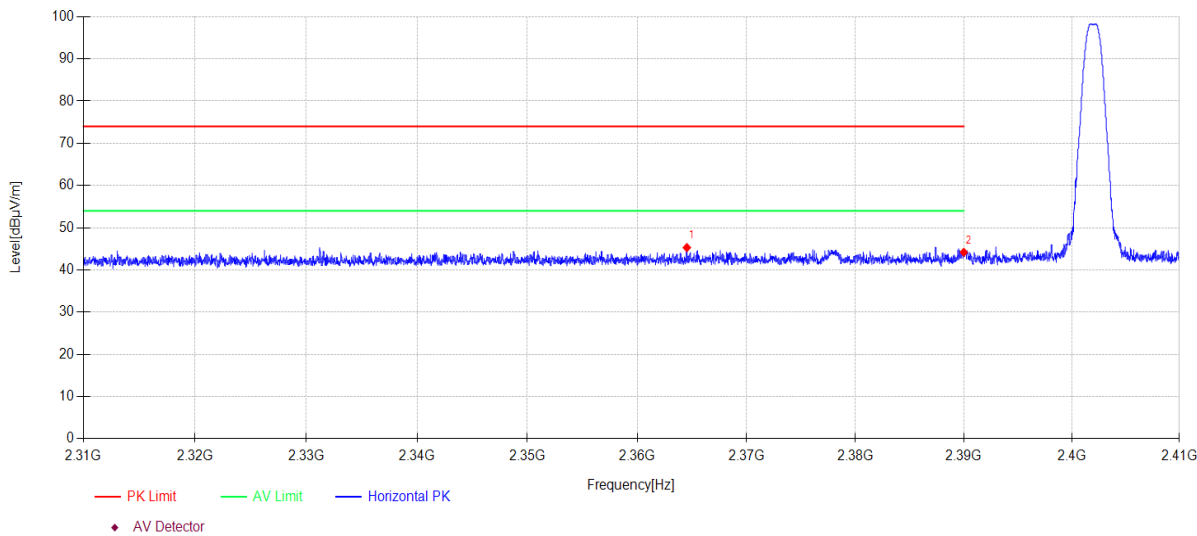
File Path:

d:\ts\2024 report data\Q24031401-1E\FCC ABOVE 1G\63

Memo:

Left side Sample Number:S24031401-002

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	2364.540	14.28	27.16	3.85	0.00	45.29	74.00	28.71	PK	Horizontal
2	2390.000	13.05	27.26	3.87	0.00	44.18	74.00	29.82	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:

2024-05-07

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE1M TX 2402MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

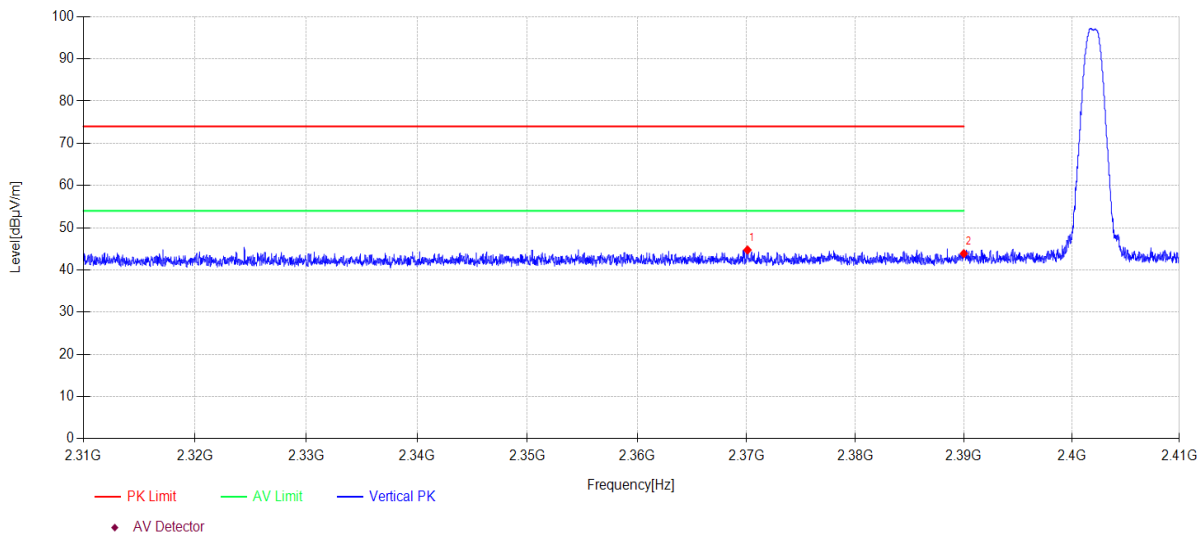
File Path:

d:\ts\2024 report data\Q24031401-1E\FCC ABOVE 1G\64

Memo:

Left side Sample Number:S24031401-002

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	2370.090	13.69	27.18	3.85	0.00	44.72	74.00	29.28	PK	Vertical
2	2390.000	12.74	27.26	3.87	0.00	43.87	74.00	30.13	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:

2024-05-07

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE2M TX 2404MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

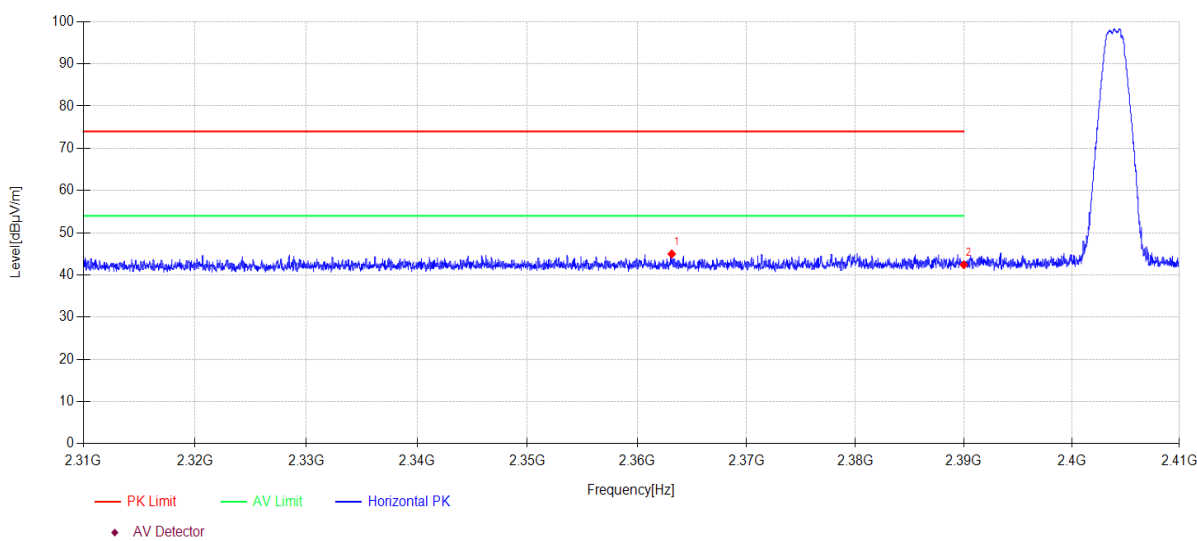
File Path:

d:\ts\2024 report data\Q24031401-1E\FCC ABOVE 1G\65

Memo:

Left side Sample Number:S24031401-002

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	2363.160	13.96	27.15	3.85	0.00	44.96	74.00	29.04	PK	Horizontal
2	2390.000	11.29	27.26	3.87	0.00	42.42	74.00	31.58	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:

2024-05-07

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE2M TX 2404MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

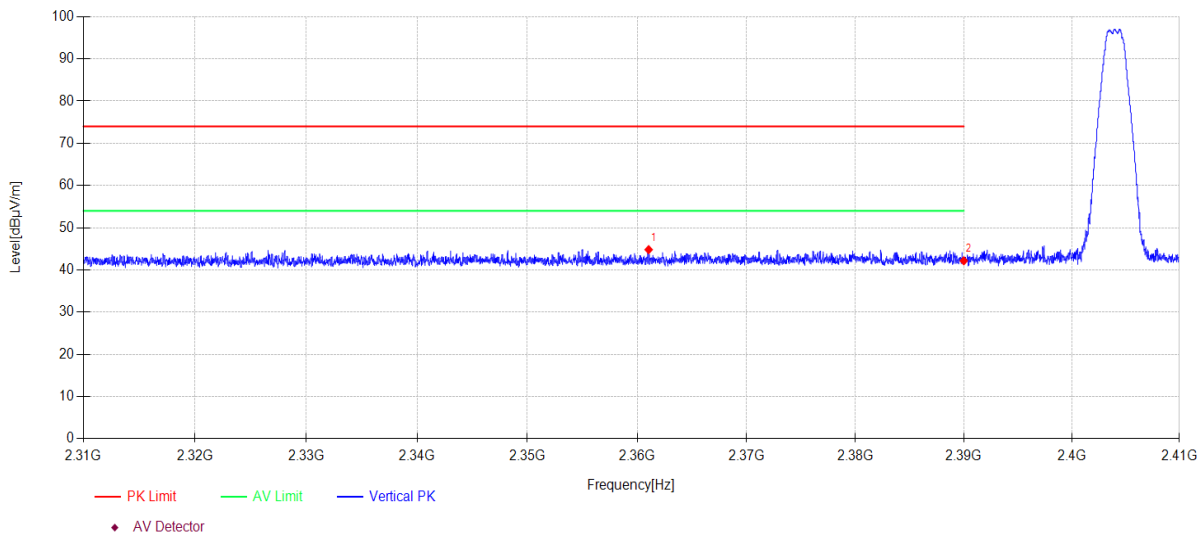
File Path:

d:\ts\2024 report data\Q24031401-1E\FCC ABOVE 1G\66

Memo:

Left side Sample Number:S24031401-002

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	2361.050	13.82	27.14	3.84	0.00	44.80	74.00	29.20	PK	Vertical
2	2390.000	11.04	27.26	3.87	0.00	42.17	74.00	31.83	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:

2024-05-07

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE1M TX 2480MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

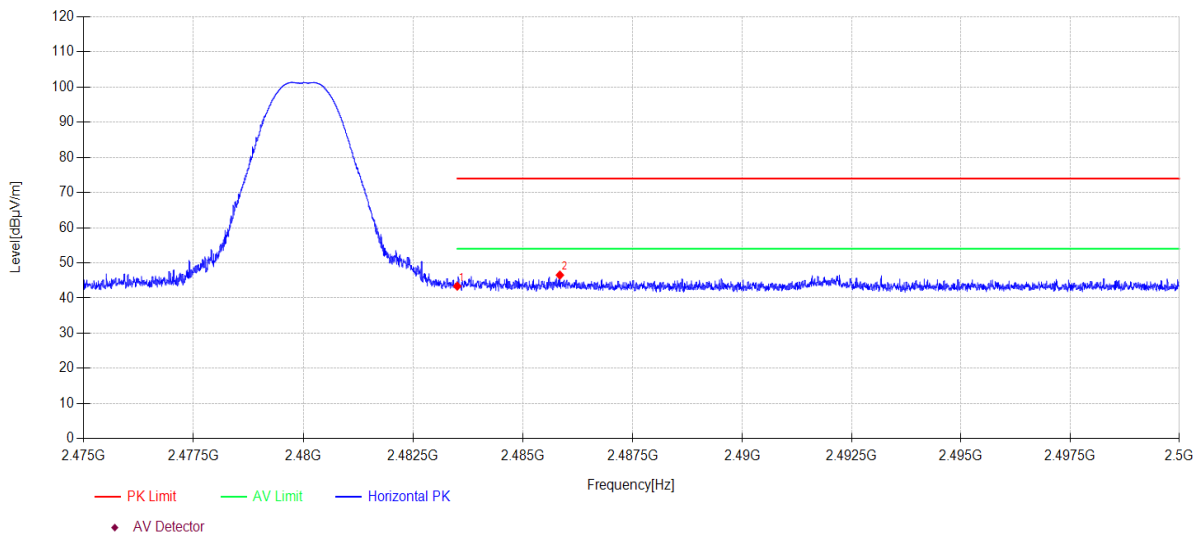
File Path:

d:\ts\2024 report data\Q24031401-1E\FCC ABOVE 1G\73

Memo:

Left side Sample Number:S24031401-002

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	11.91	27.53	3.94	0.00	43.38	74.00	30.62	PK	Horizontal
2	2485.840	15.05	27.54	3.94	0.00	46.53	74.00	27.47	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:

2024-05-07

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE1M TX 2480MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

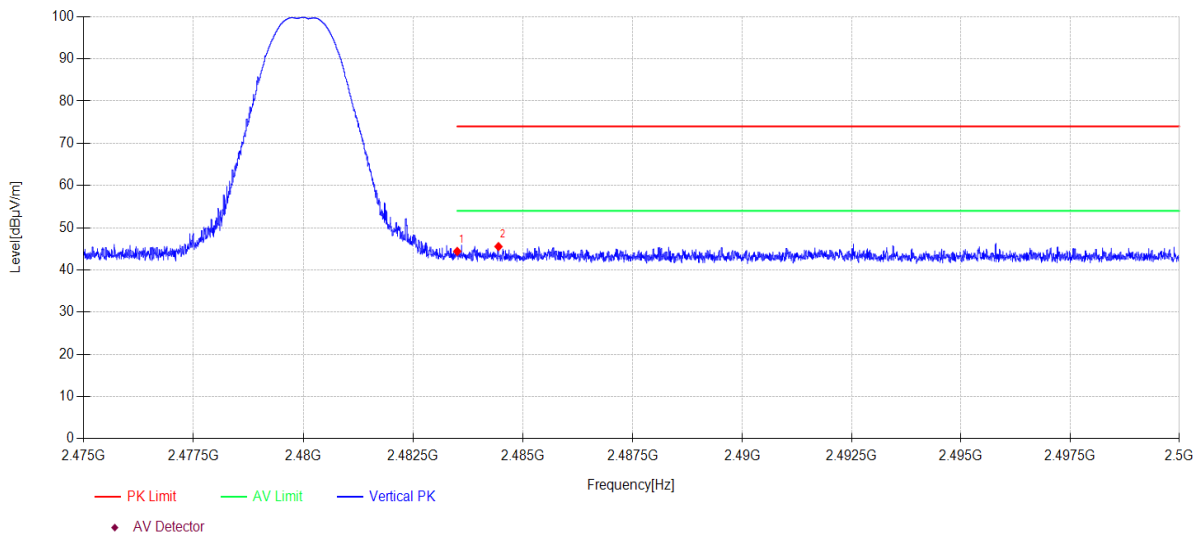
File Path:

d:\ts\2024 report data\Q24031401-1E\FCC ABOVE 1G\74

Memo:

Left side Sample Number:S24031401-002

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	12.92	27.53	3.94	0.00	44.39	74.00	29.61	PK	Vertical
2	2484.440	14.06	27.54	3.94	0.00	45.54	74.00	28.46	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:

2024-05-07

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE2M TX 2478MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

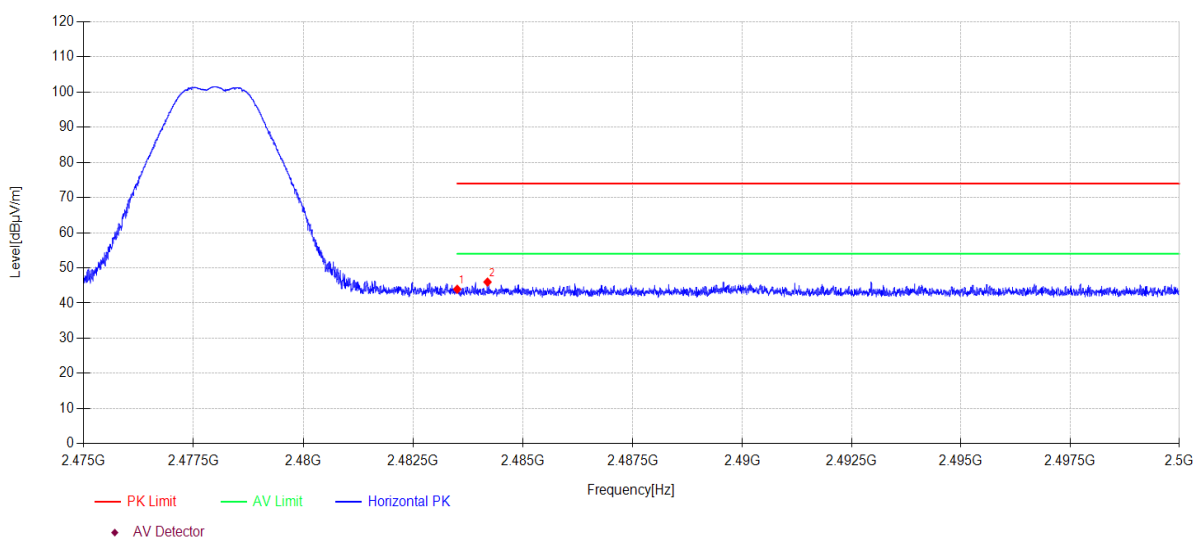
File Path:

d:\ts\2024 report data\Q24031401-1E\FCC ABOVE 1G\75

Memo:

Left side Sample Number:S24031401-002

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	12.46	27.53	3.94	0.00	43.93	74.00	30.07	PK	Horizontal
2	2484.190	14.50	27.54	3.94	0.00	45.98	74.00	28.02	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:

2024-05-07

Tested By:

Genliu

EUT:

JLAB True Wireless Earbuds

Model Number:

JBuds Sport ANC 4

Test Mode:

BLE2M TX 2478MHz

Power Supply:

Battery

Condition:

Temp:22.5°C;Humi:56.3%

Test Site:

DDT 3# Chamber

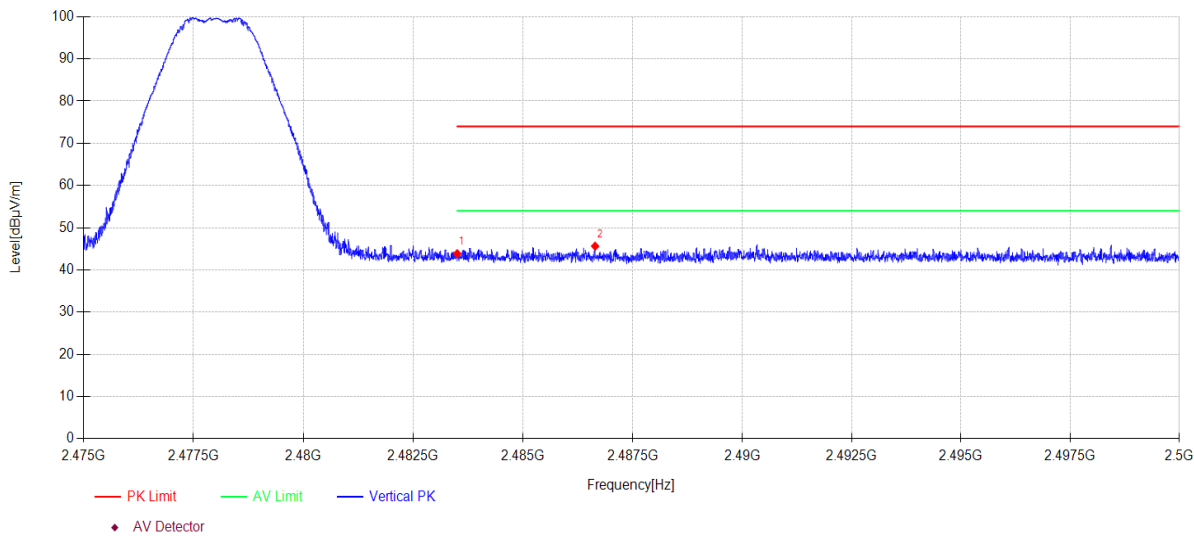
File Path:

d:\ts\2024 report data\Q24031401-1E\FCC ABOVE 1G\76

Memo:

Left side Sample Number:S24031401-002

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	12.39	27.53	3.94	0.00	43.86	74.00	30.14	PK	Vertical
2	2486.643	14.14	27.55	3.94	0.00	45.63	74.00	28.37	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.

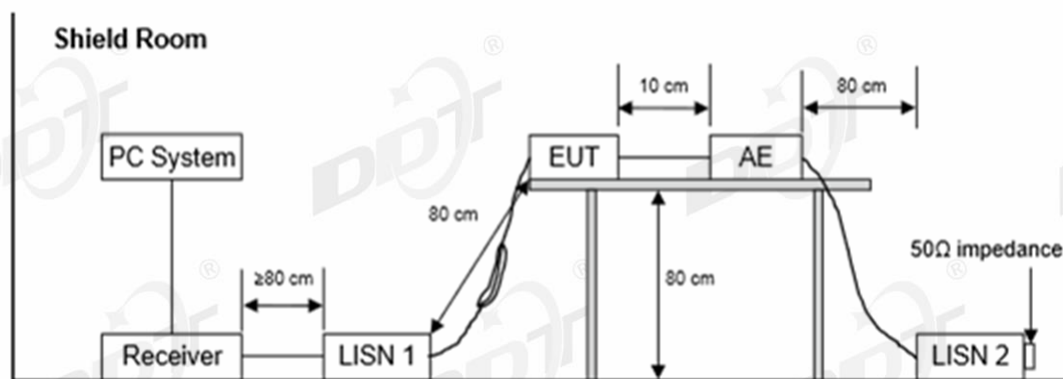
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14.Power Line Conducted Emissions

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Two Line V-Network	R&S	ENV216	DDT-ZC01247	2024/07/11
Pulse Limiter	R&S	KH43101	DDT-ZC00747	2025/04/23
Copper shaft signal cable	H&S	RG214-5	DDT-ZC01817	2025/04/01
Conducted Radiated Software	Audix	E3	DDT-ZC00562	/
Two Line V-Network	R&S	ENV216	DDT-ZC00586	2024/07/11
EMI Test Receiver	R&S	ESCI	DDT-ZC01972	2025/04/01

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	Input: 100-240~, 50/60Hz, 0.5A; Output: 9V/1.67A or 5V/2A	N/A

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 5# Shield Room

D:\2024 report data\Q24031401-1E\FCC CE.EM6

Test Date : 2024-05-07

Tested By : Junchang Du

EUT : JLAB True Wireless Earbuds

Model Number : JBuds Sport ANC 4

Power Supply : AC 120V/60Hz

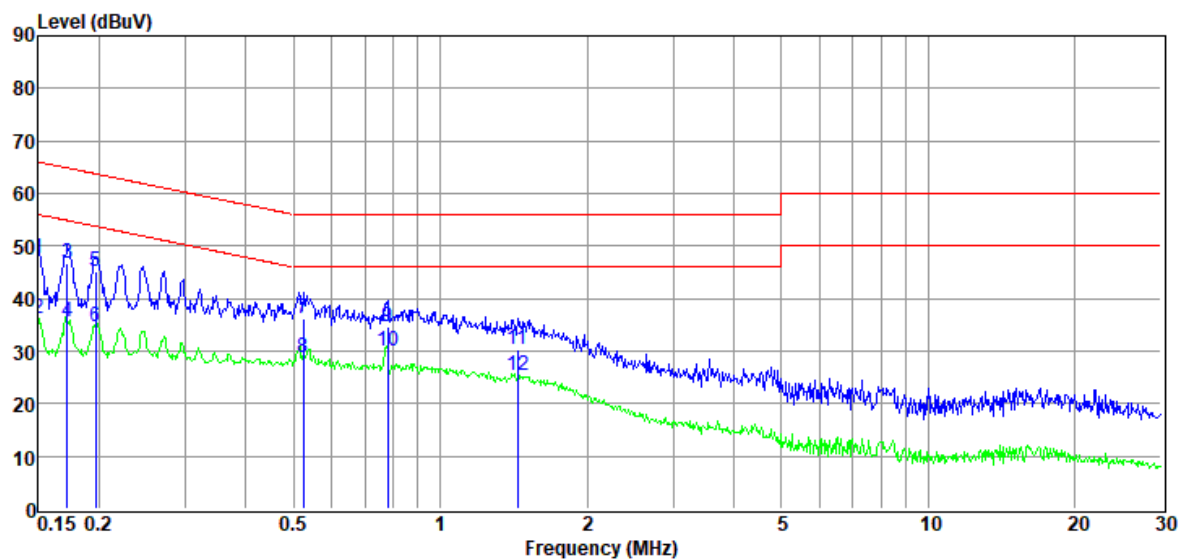
Test Mode : BLE1M Mode

Condition : Temp:24.5°C,Humi:55.5%

LISN : 2023 ENV216 2#/LINE

Memo : Sample Number:S24031401-001

Data: 6



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBuV)	Limit Line (dBuV)	Over Limit (dB)	Detector	Phase
1	0.15	27.43	9.92	0.19	10.15	47.69	66.00	-18.31	QP	LINE
2	0.15	16.05	9.92	0.19	10.15	36.31	56.00	-19.69	Average	LINE
3	0.17	26.50	9.97	0.19	10.15	46.81	64.86	-18.05	QP	LINE
4	0.17	15.23	9.97	0.19	10.15	35.54	54.86	-19.32	Average	LINE
5	0.20	24.90	9.93	0.19	10.15	45.17	63.76	-18.59	QP	LINE
6	0.20	14.48	9.93	0.19	10.15	34.75	53.76	-19.01	Average	LINE
7	0.52	15.80	9.97	0.25	10.04	36.06	56.00	-19.94	QP	LINE
8	0.52	8.46	9.97	0.25	10.04	28.72	46.00	-17.28	Average	LINE
9	0.78	14.51	9.97	0.28	9.94	34.70	56.00	-21.30	QP	LINE
10	0.78	9.76	9.97	0.28	9.94	29.95	46.00	-16.05	Average	LINE
11	1.44	10.12	9.99	0.35	9.80	30.26	56.00	-25.74	QP	LINE
12	1.44	5.19	9.99	0.35	9.80	25.33	46.00	-20.67	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.

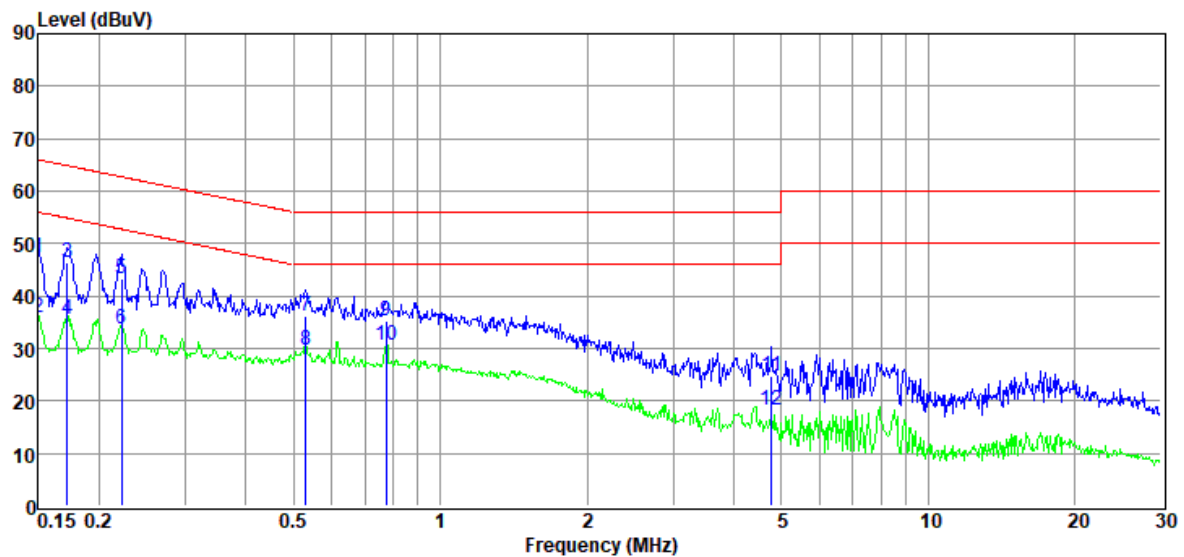
TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 5# Shield Room

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Test Date : 2024-05-07**Tested By** : Junchang Du**EUT** : JLAB True Wireless Earbuds**Model Number** : JBuds Sport ANC 4**Power Supply** : AC 120V/60Hz**Test Mode** : BLE1M Mode**Condition** : Temp:24.5°C,Humi:55.5%**LISN** : 2023 ENV216 2##/NEUTRAL**Memo** : Sample Number:S24031401-001

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	0.15	27.08	9.92	0.19	10.15	47.34	66.00	-18.66	QP	NEUTRAL
2	0.15	15.70	9.92	0.19	10.15	35.96	56.00	-20.04	Average	NEUTRAL
3	0.17	26.23	9.97	0.19	10.15	46.54	64.86	-18.32	QP	NEUTRAL
4	0.17	15.20	9.97	0.19	10.15	35.51	54.86	-19.35	Average	NEUTRAL
5	0.22	23.16	9.92	0.20	10.14	43.42	62.74	-19.32	QP	NEUTRAL
6	0.22	13.37	9.92	0.20	10.14	33.63	52.74	-19.11	Average	NEUTRAL
7	0.53	16.05	9.98	0.25	10.04	36.32	56.00	-19.68	QP	NEUTRAL
8	0.53	9.39	9.98	0.25	10.04	29.66	46.00	-16.34	Average	NEUTRAL
9	0.78	14.98	9.97	0.28	9.94	35.17	56.00	-20.83	QP	NEUTRAL
10	0.78	10.56	9.97	0.28	9.94	30.75	46.00	-15.25	Average	NEUTRAL
11	4.77	4.44	9.99	0.37	9.98	24.78	56.00	-31.22	QP	NEUTRAL
12	4.77	-2.00	9.99	0.37	9.98	18.34	46.00	-27.66	Average	NEUTRAL

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.

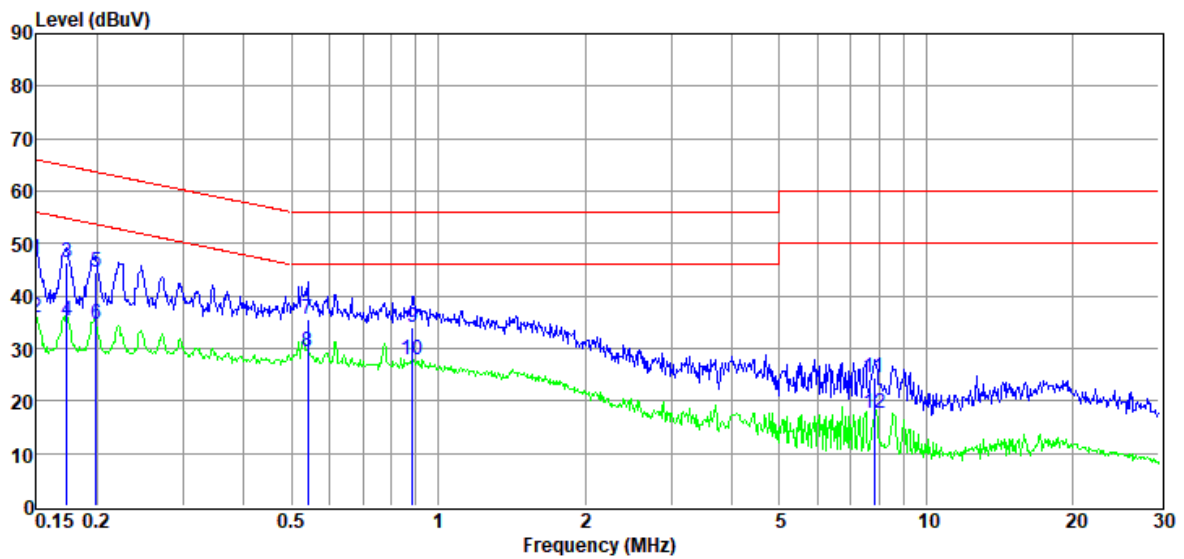
TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 5# Shield Room

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Test Date : 2024-05-07**Tested By** : Junchang Du**EUT** : JLAB True Wireless Earbuds**Model Number** : JBuds Sport ANC 4**Power Supply** : AC 120V/60Hz**Test Mode** : BLE2M Mode**Condition** : Temp:24.5°C,Humi:55.5%**LISN** : 2023 ENV216 2##/NEUTRAL**Memo** : Sample Number:S24031401-001

Data: 10



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBμV)	Limit Line (dBμV)	Over Limit (dB)	Detector	Phase
1	0.15	26.88	9.92	0.19	10.15	47.14	66.00	-18.86	QP	NEUTRAL
2	0.15	15.61	9.92	0.19	10.15	35.87	56.00	-20.13	Average	NEUTRAL
3	0.17	25.97	9.96	0.19	10.15	46.27	64.81	-18.54	QP	NEUTRAL
4	0.17	15.02	9.96	0.19	10.15	35.32	54.81	-19.49	Average	NEUTRAL
5	0.20	24.19	9.92	0.19	10.15	44.45	63.67	-19.22	QP	NEUTRAL
6	0.20	14.43	9.92	0.19	10.15	34.69	53.67	-18.98	Average	NEUTRAL
7	0.54	15.34	9.99	0.25	10.03	35.61	56.00	-20.39	QP	NEUTRAL
8	0.54	9.12	9.99	0.25	10.03	29.39	46.00	-16.61	Average	NEUTRAL
9	0.88	13.96	9.98	0.31	9.91	34.16	56.00	-21.84	QP	NEUTRAL
10	0.88	7.63	9.98	0.31	9.91	27.83	46.00	-18.17	Average	NEUTRAL
11	7.81	3.93	10.03	0.38	10.10	24.44	60.00	-35.56	QP	NEUTRAL
12	7.81	-2.86	10.03	0.38	10.10	17.65	50.00	-32.35	Average	NEUTRAL

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.

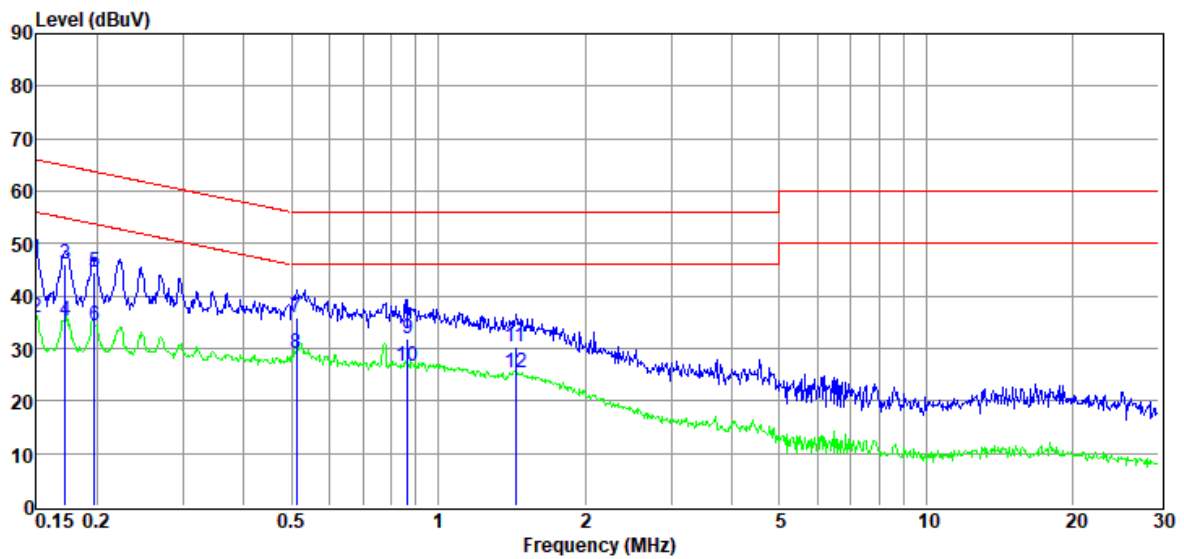
TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 5# Shield Room

D:\2024 report data\Q24031401-1E\FCC CE.EM6

Test Date : 2024-05-07**Tested By** : Junchang Du**EUT** : JLAB True Wireless Earbuds**Model Number** : JBuds Sport ANC 4**Power Supply** : AC 120V/60Hz**Test Mode** : BLE2M Mode**Condition** : Temp:24.5°C,Humi:55.5%**LISN** : 2023 ENV216 2#/LINE**Memo** : Sample Number:S24031401-001

Data: 12



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBμV)	Limit Line (dBμV)	Over Limit (dB)	Detector	Phase
1	0.15	26.64	9.92	0.19	10.15	46.90	66.00	-19.10	QP	LINE
2	0.15	15.47	9.92	0.19	10.15	35.73	56.00	-20.27	Average	LINE
3	0.17	25.66	9.97	0.19	10.15	45.97	64.86	-18.89	QP	LINE
4	0.17	14.84	9.97	0.19	10.15	35.15	54.86	-19.71	Average	LINE
5	0.20	24.25	9.92	0.19	10.15	44.51	63.71	-19.20	QP	LINE
6	0.20	14.21	9.92	0.19	10.15	34.47	53.71	-19.24	Average	LINE
7	0.51	15.56	9.98	0.25	10.04	35.83	56.00	-20.17	QP	LINE
8	0.51	8.71	9.98	0.25	10.04	28.98	46.00	-17.02	Average	LINE
9	0.87	11.64	9.93	0.31	9.92	31.80	56.00	-24.20	QP	LINE
10	0.87	6.53	9.93	0.31	9.92	26.69	46.00	-19.31	Average	LINE
11	1.44	10.26	9.99	0.35	9.80	30.40	56.00	-25.60	QP	LINE
12	1.44	5.26	9.99	0.35	9.80	25.40	46.00	-20.60	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.

16. Photos of the EUT

Please refer to DDT-Q24031401-2E appendix I

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