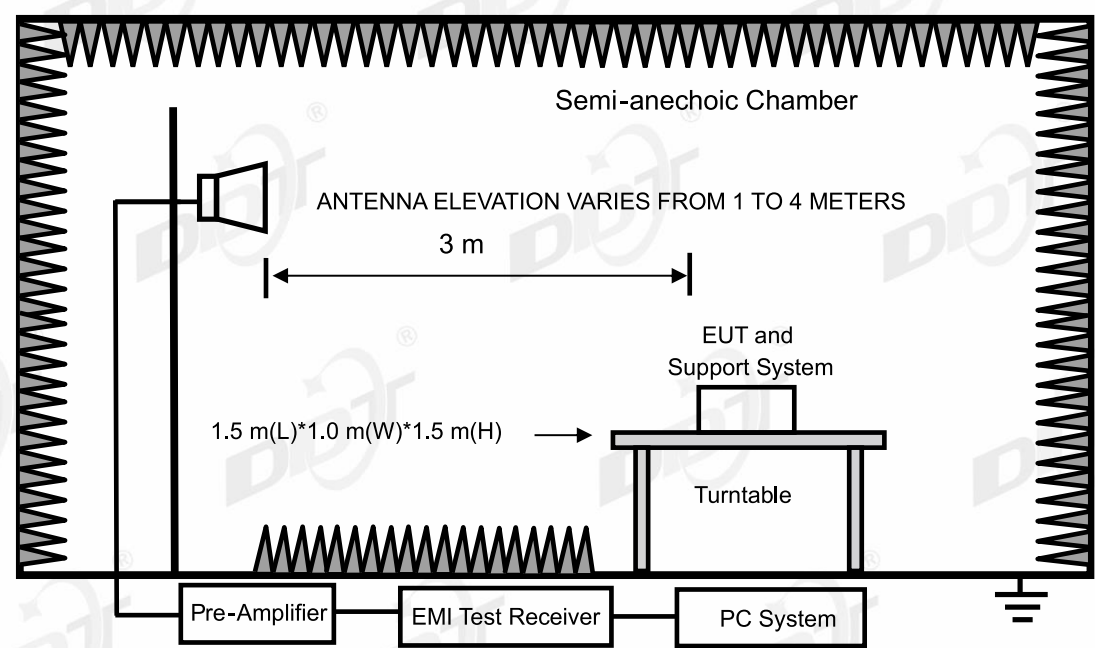


15.2. Block diagram of test setup



15.3. Limits

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

15.4. Assistant equipment used for test

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

15.5. 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.

15.6. Test result

PASS. (See below detailed test result)

15.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

DH5 2402MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

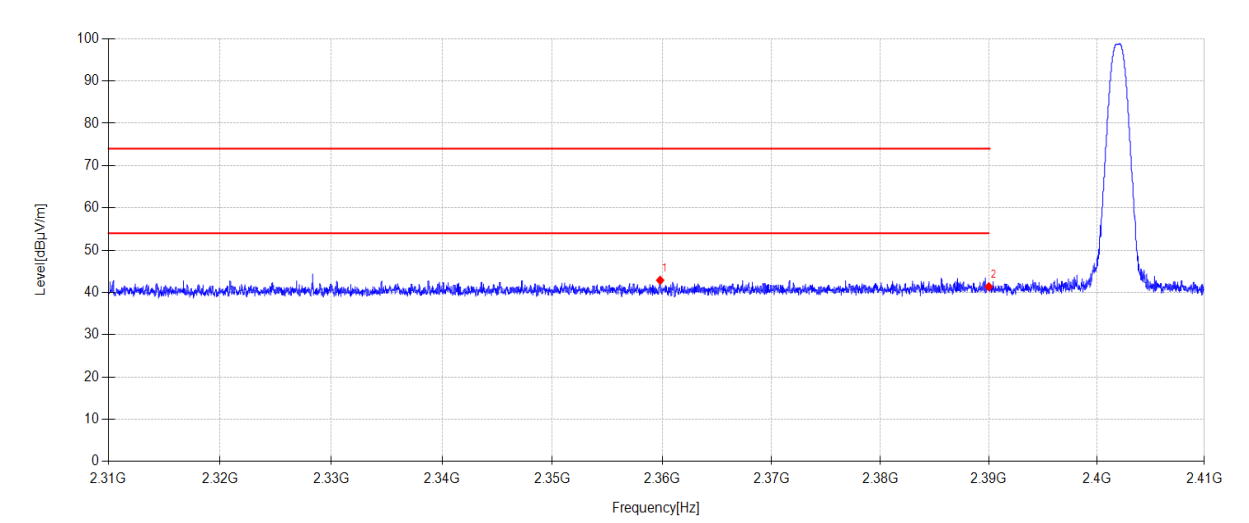
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d:\ts\2024 report data\Q24052818\FCC ABOVE1G\65

Memo:

L Sample Number:S240052818-001

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	2359.820	12.19	27.14	3.55	0.00	42.88	74.00	31.12	PK	Horizontal
2	2390.000	10.52	27.26	3.57	0.00	41.35	74.00	32.65	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

DH5 2402MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

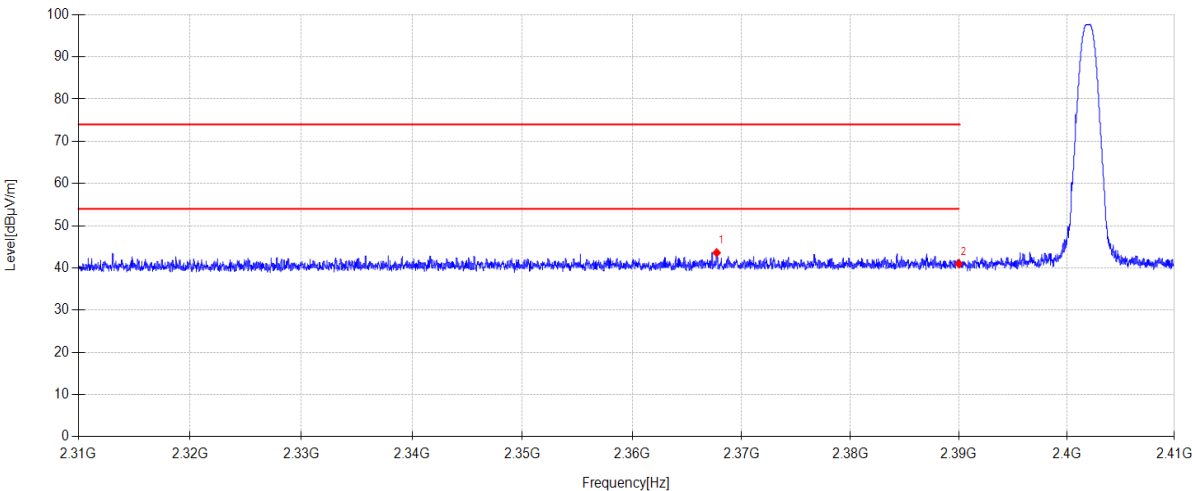
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d:\ts\2024 report data\Q24052818\FCC ABOVE1G\66

Memo:

L Sample Number:S240052818-001

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	2367.730	12.88	27.17	3.56	0.00	43.61	74.00	30.39	PK	Vertical
2	2390.000	10.16	27.26	3.57	0.00	40.99	74.00	33.01	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

DH5 2480MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

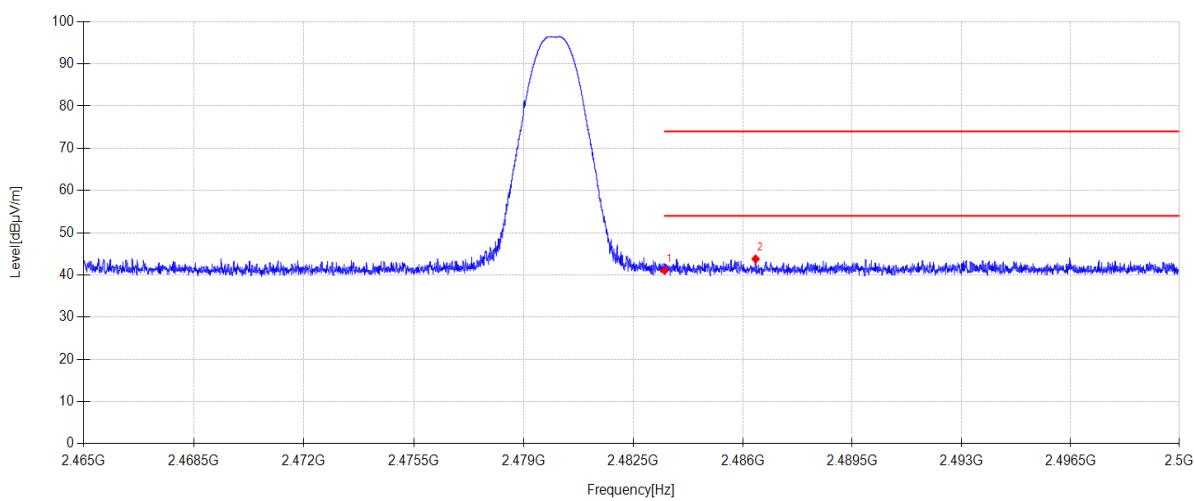
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Memo:

L Sample Number:S240052818-001

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	9.90	27.53	3.62	0.00	41.05	74.00	32.95	PK	Horizontal
2	2486.410	12.62	27.55	3.62	0.00	43.79	74.00	30.21	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

DH5 2480MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

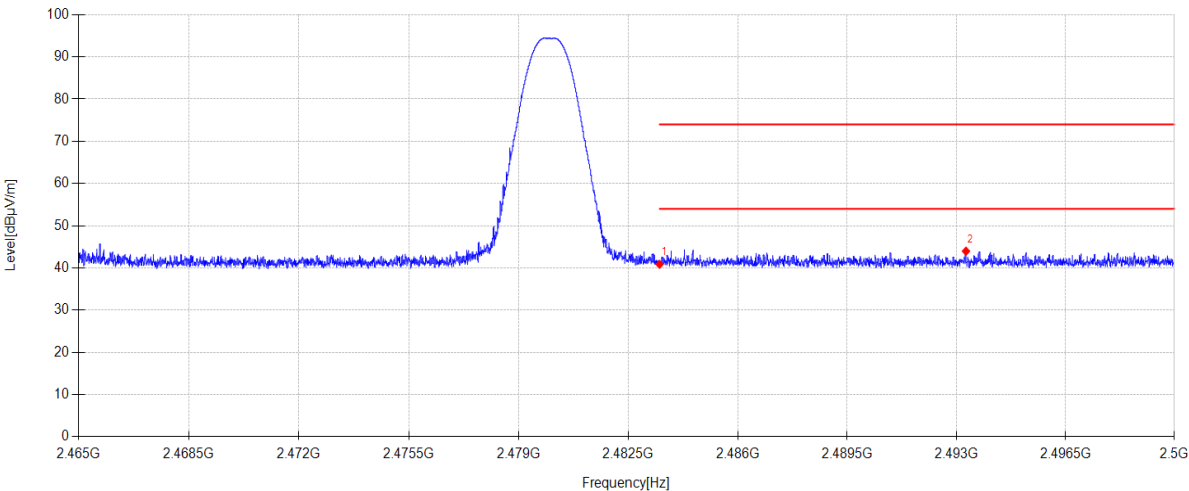
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Memo:

L Sample Number:S240052818-001

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	9.70	27.53	3.62	0.00	40.85	74.00	33.15	PK	Vertical
2	2493.308	12.78	27.57	3.63	0.00	43.98	74.00	30.02	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

2DH5 2480MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

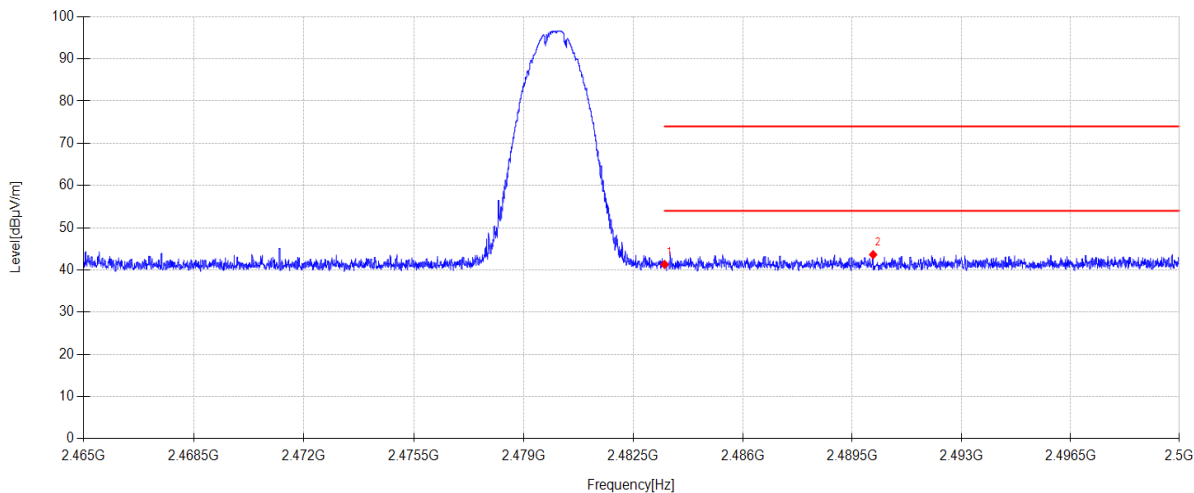
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Memo:

L Sample Number:S240052818-001

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	10.16	27.53	3.62	0.00	41.31	74.00	32.69	PK	Horizontal
2	2490.172	12.44	27.56	3.62	0.00	43.62	74.00	30.38	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

2DH5 2480MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

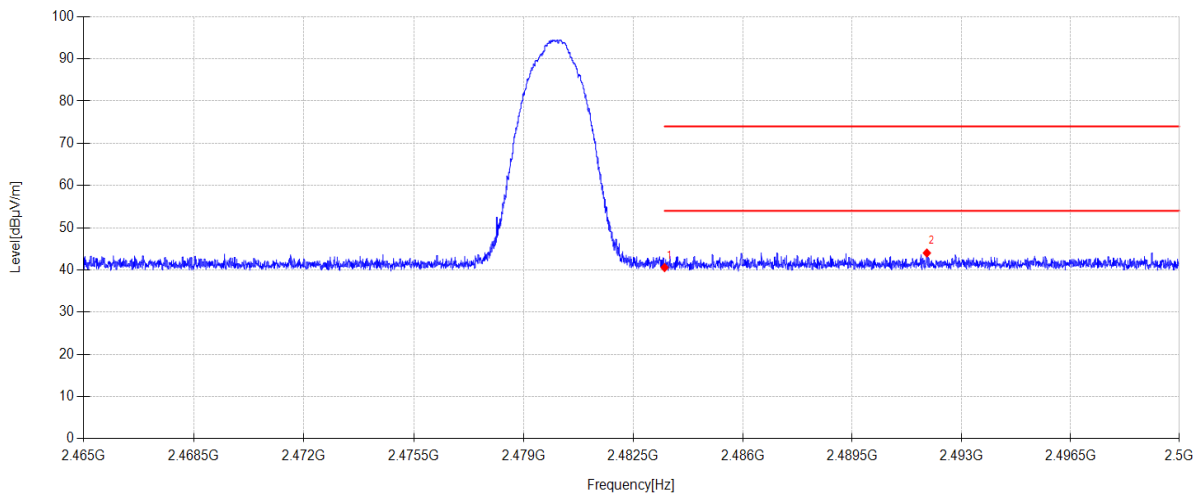
File Path:

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Memo:

L Sample Number:S240052818-001

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	9.41	27.53	3.62	0.00	40.56	74.00	33.44	PK	Vertical
2	2491.894	12.82	27.57	3.63	0.00	44.02	74.00	29.98	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

2DH5 2402MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

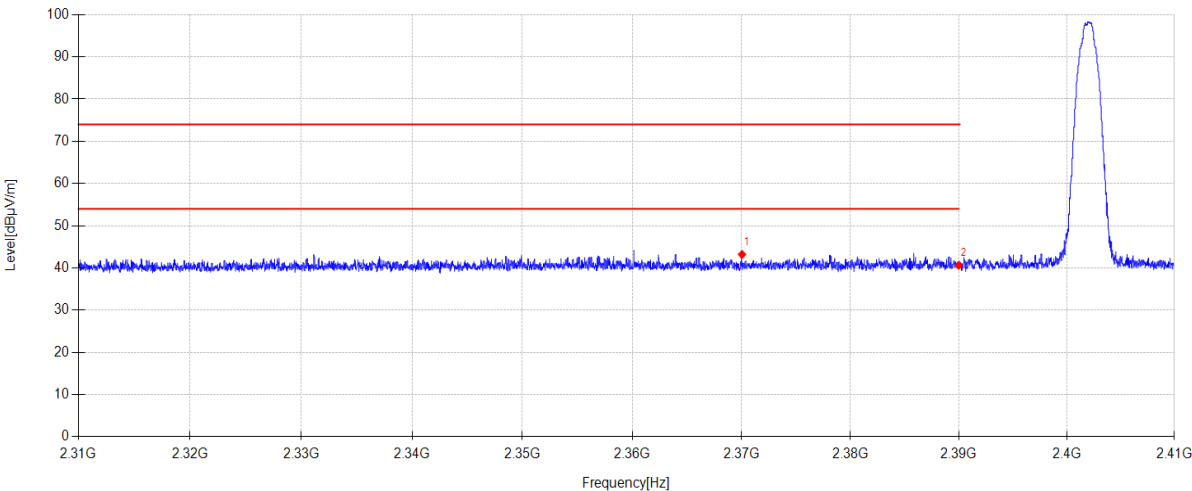
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Memo:

L Sample Number:S240052818-001

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	2370.050	12.45	27.18	3.56	0.00	43.19	74.00	30.81	PK	Horizontal
2	2390.000	9.82	27.26	3.57	0.00	40.65	74.00	33.35	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

2DH5 2402MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

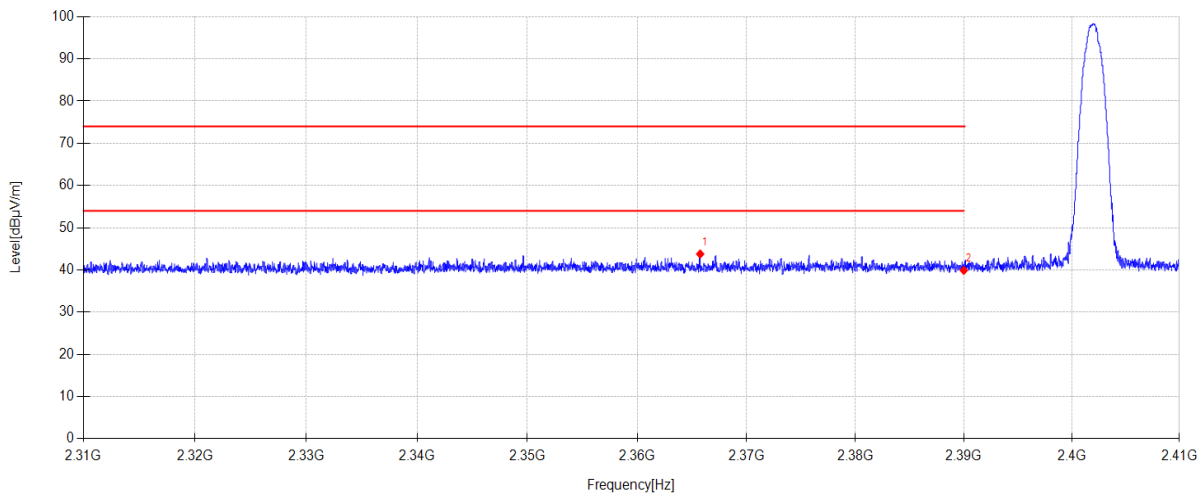
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Memo:

L Sample Number:S240052818-001

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	2365.760	13.06	27.16	3.55	0.00	43.77	74.00	30.23	PK	Vertical
2	2390.000	9.07	27.26	3.57	0.00	39.90	74.00	34.10	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

3DH5 2402MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

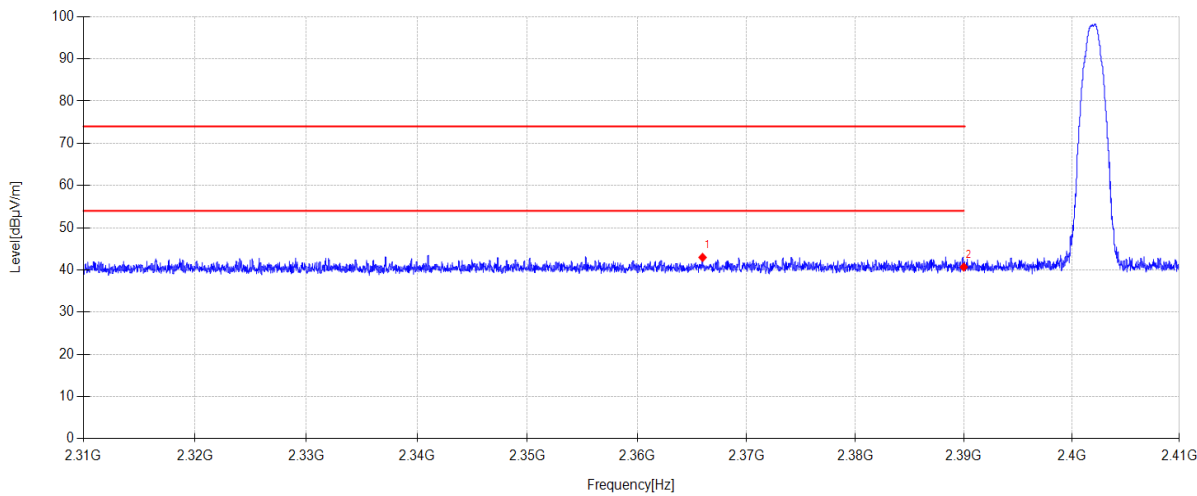
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Memo:

L Sample Number:S240052818-001

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	2365.980	12.25	27.16	3.55	0.00	42.96	74.00	31.04	PK	Horizontal
2	2390.000	9.84	27.26	3.57	0.00	40.67	74.00	33.33	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

3DH5 2402MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

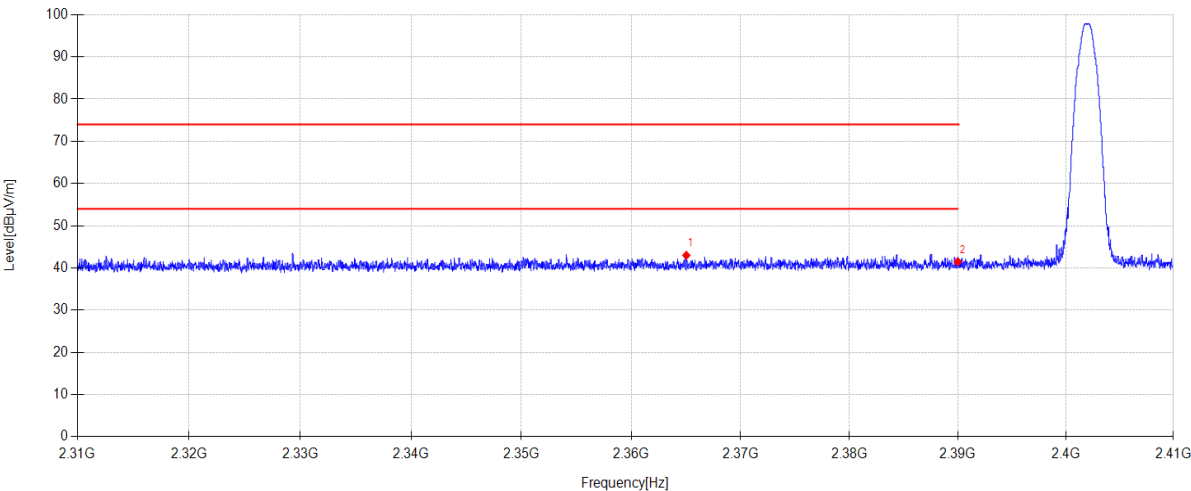
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Memo:

L Sample Number:S240052818-001

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	2365.040	12.27	27.16	3.55	0.00	42.98	74.00	31.02	PK	Vertical
2	2390.000	10.64	27.26	3.57	0.00	41.47	74.00	32.53	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

3DH5 2480MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

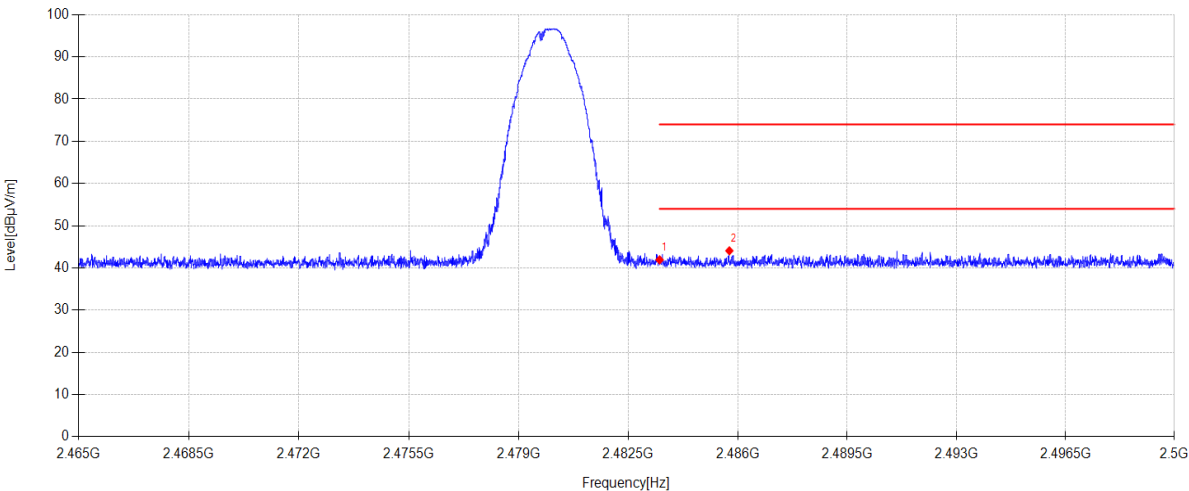
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Memo:

L Sample Number:S240052818-001

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	10.77	27.53	3.62	0.00	41.92	74.00	32.08	PK	Horizontal
2	2485.731	12.90	27.54	3.62	0.00	44.06	74.00	29.94	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

3DH5 2480MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

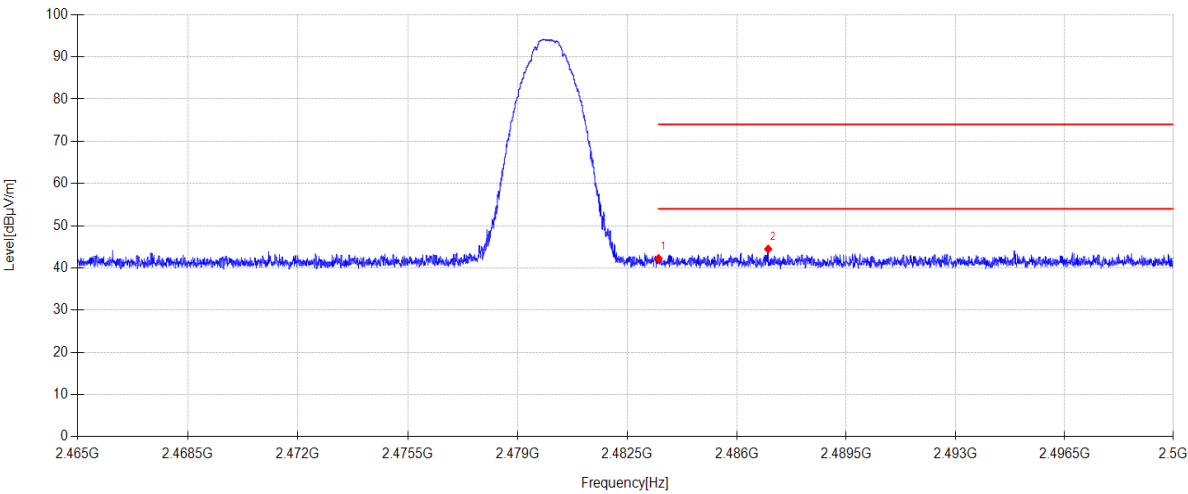
File Path:

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Memo:

L Sample Number:S240052818-001

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	11.07	27.53	3.62	0.00	42.22	74.00	31.78	PK	Vertical
2	2487.005	13.31	27.55	3.62	0.00	44.48	74.00	29.52	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

DH5 2480MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

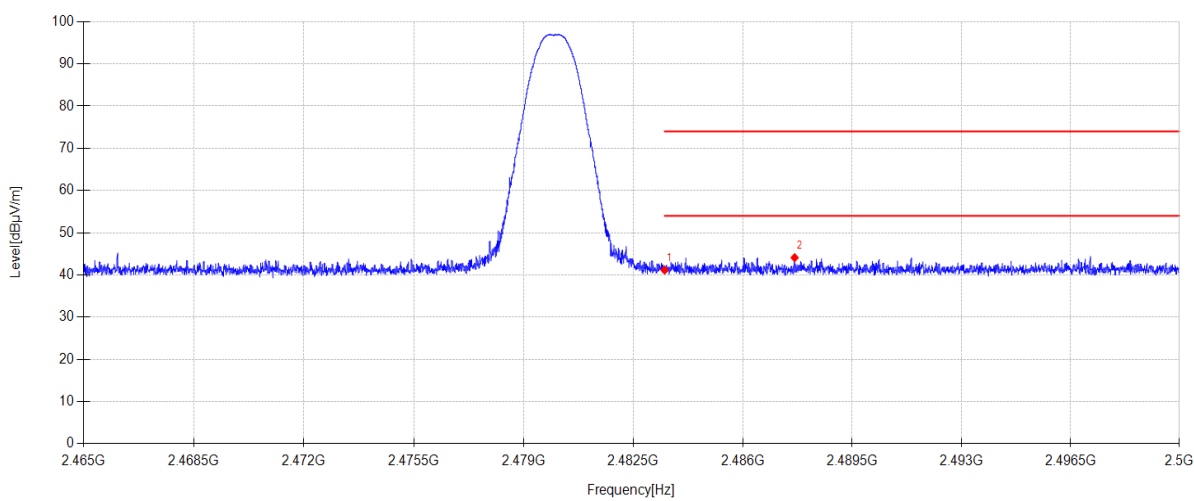
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Memo:

R Sample Number:S240052818-001

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	10.02	27.53	3.62	0.00	41.17	74.00	32.83	PK	Horizontal
2	2487.659	12.92	27.55	3.62	0.00	44.09	74.00	29.91	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

DH5 2480MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

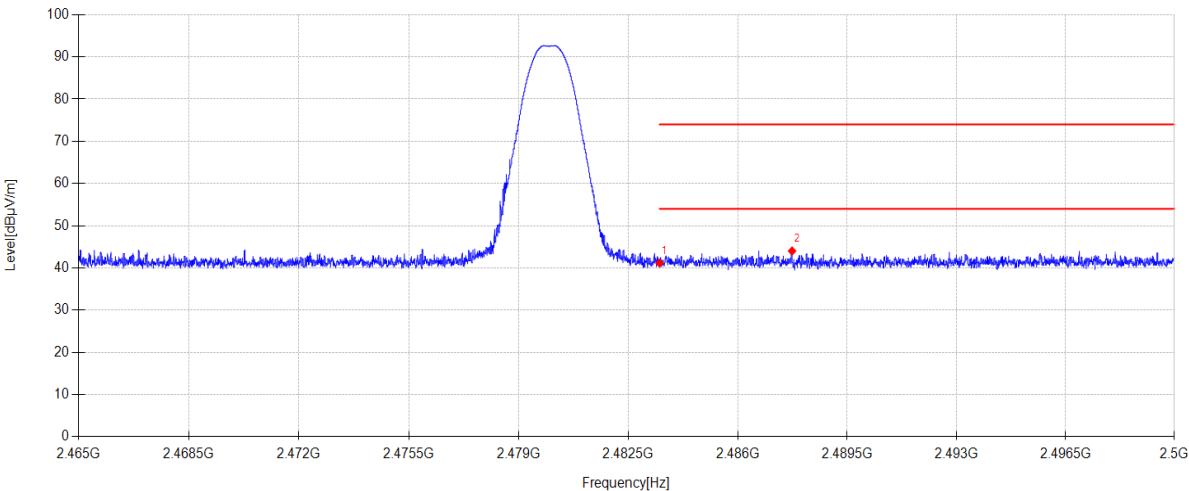
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Memo:

R Sample Number:S240052818-001

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	10.00	27.53	3.62	0.00	41.15	74.00	32.85	PK	Vertical
2	2487.736	12.84	27.55	3.62	0.00	44.01	74.00	29.99	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

DH5 2402MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

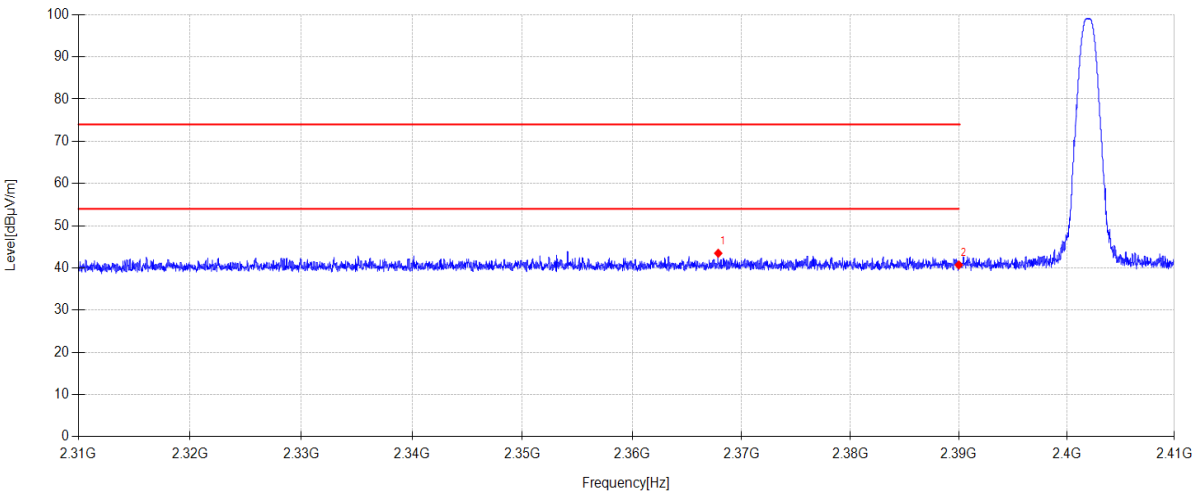
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d:\ts\2024 report data\Q24052818\FCC ABOVE1G\29

Memo:

R Sample Number:S240052818-001

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	2367.870	12.75	27.17	3.56	0.00	43.48	74.00	30.52	PK	Horizontal
2	2390.000	9.88	27.26	3.57	0.00	40.71	74.00	33.29	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

DH5 2402MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

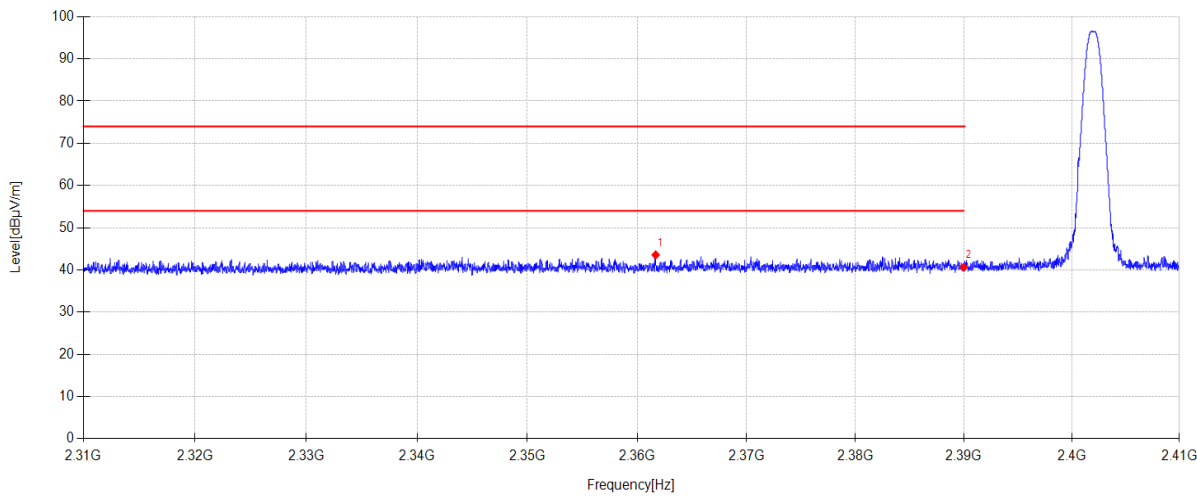
File Path:

d:\ts\2024 report data\Q24052818\FCC ABOVE1G\30

Memo:

R Sample Number:S240052818-001

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	2361.690	12.86	27.15	3.55	0.00	43.56	74.00	30.44	PK	Vertical
2	2390.000	9.80	27.26	3.57	0.00	40.63	74.00	33.37	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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

2DH5 2402MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

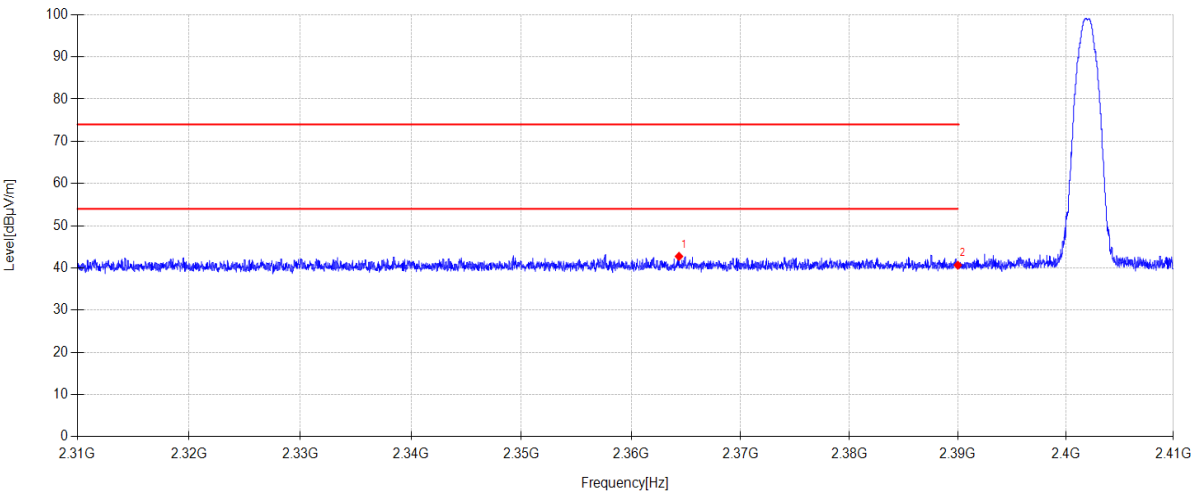
File Path:

d:\ts\2024 report data\Q24052818\FCC ABOVE1G\31

Memo:

R Sample Number:S240052818-001

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	2364.370	12.03	27.16	3.55	0.00	42.74	74.00	31.26	PK	Horizontal
2	2390.000	9.82	27.26	3.57	0.00	40.65	74.00	33.35	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

2DH5 2402MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

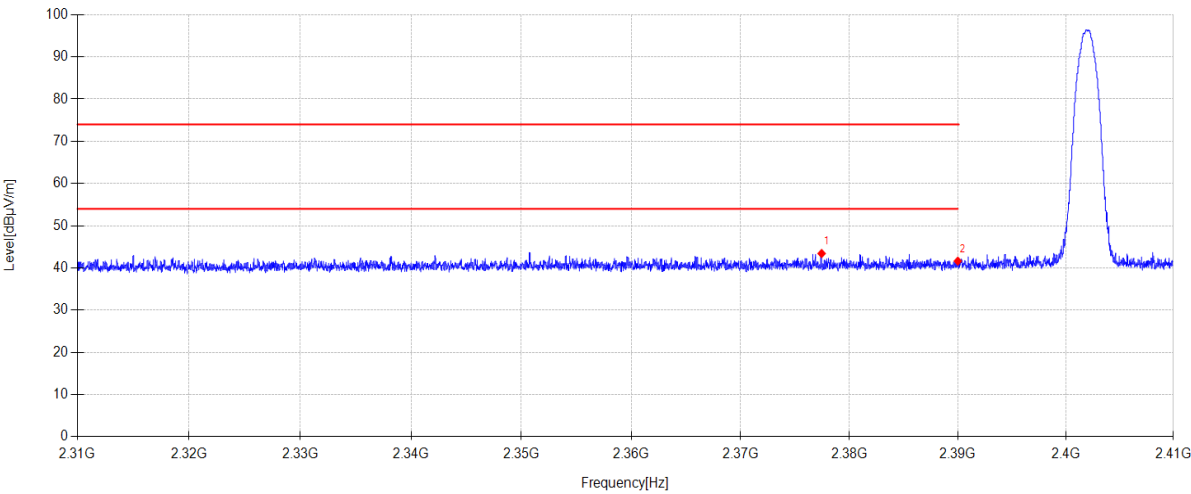
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Memo:

R Sample Number:S240052818-001

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	2377.450	12.65	27.21	3.56	0.00	43.42	74.00	30.58	PK	Vertical
2	2390.000	10.80	27.26	3.57	0.00	41.63	74.00	32.37	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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

2DH5 2480MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

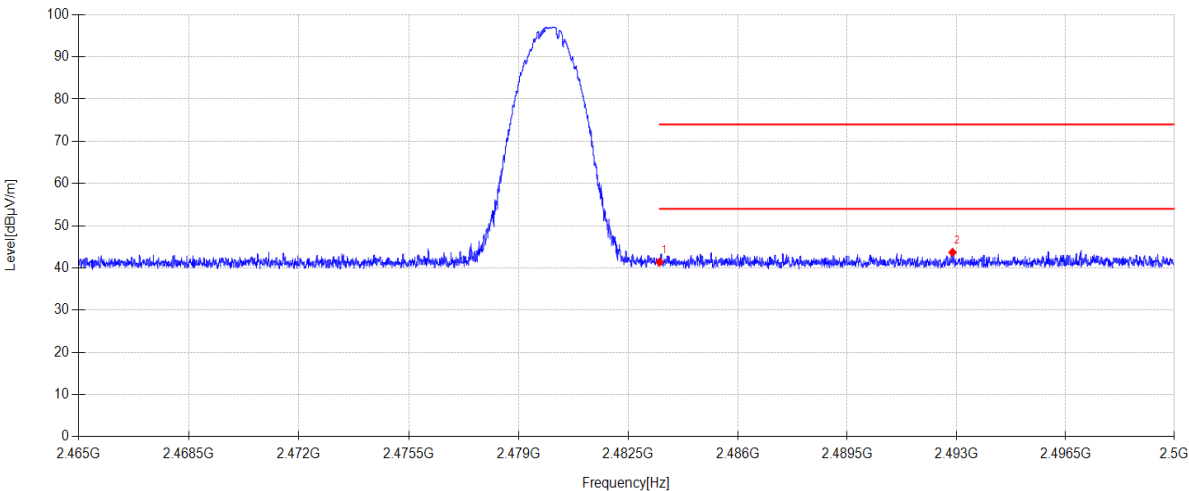
File Path:

d:\ts\2024 report data\Q24052818\FCC ABOVE1G\33

Memo:

R Sample Number:S240052818-001

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	10.23	27.53	3.62	0.00	41.38	74.00	32.62	PK	Horizontal
2	2492.878	12.49	27.57	3.63	0.00	43.69	74.00	30.31	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

2DH5 2480MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

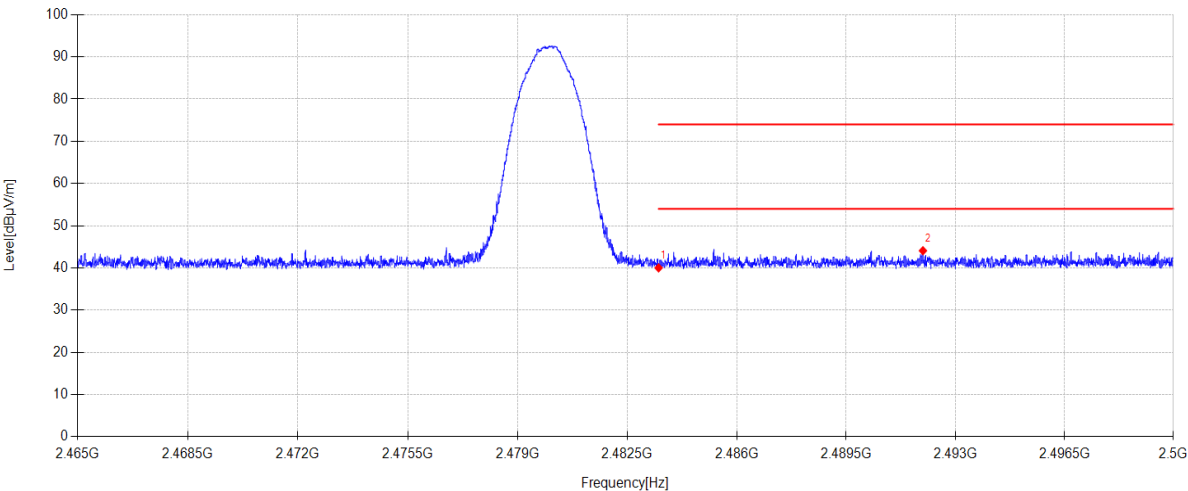
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d:\ts\2024 report data\Q24052818\FCC ABOVE1G\34

Memo:

R Sample Number:S240052818-001

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	8.86	27.53	3.62	0.00	40.01	74.00	33.99	PK	Vertical
2	2491.961	12.88	27.57	3.63	0.00	44.08	74.00	29.92	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

3DH5 2480MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

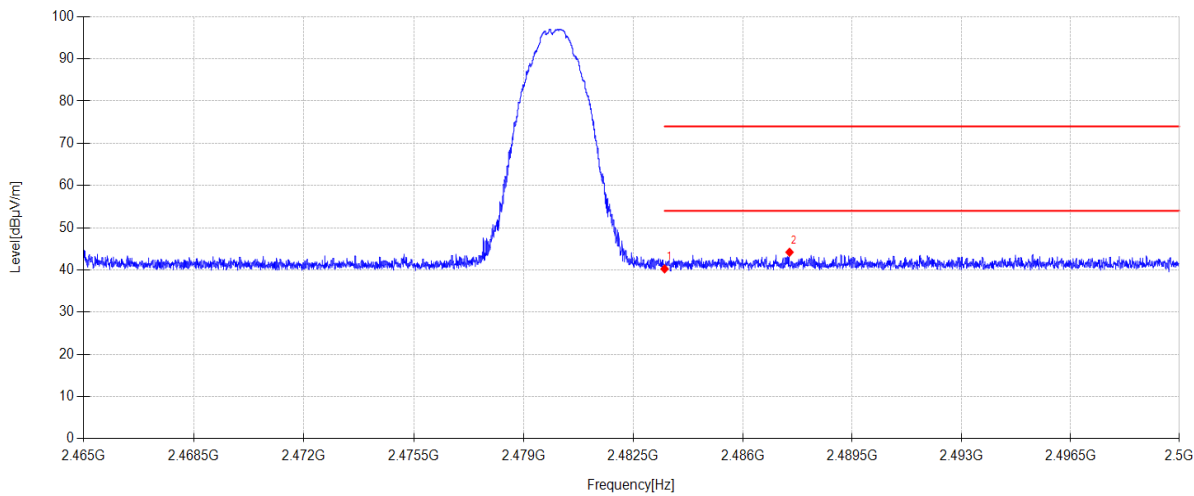
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Memo:

R Sample Number:S240052818-001

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	9.10	27.53	3.62	0.00	40.25	74.00	33.75	PK	Horizontal
2	2487.495	13.03	27.55	3.62	0.00	44.20	74.00	29.80	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

3DH5 2480MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

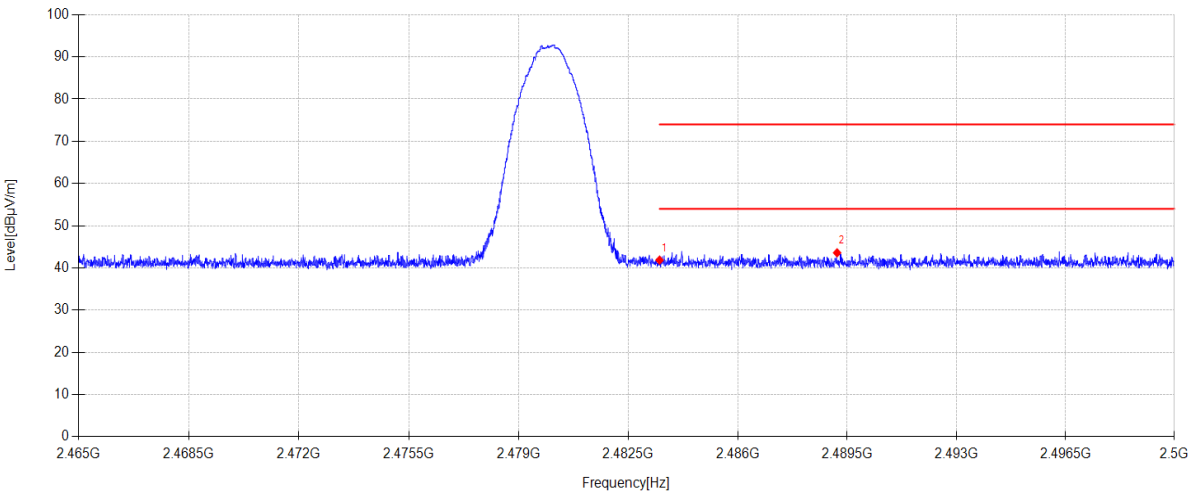
File Path:

d:\ts\2024 report data\Q24052818\FCC ABOVE1G\36

Memo:

R Sample Number:S240052818-001

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	10.70	27.53	3.62	0.00	41.85	74.00	32.15	PK	Vertical
2	2489.178	12.41	27.56	3.62	0.00	43.59	74.00	30.41	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

3DH5 2402MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

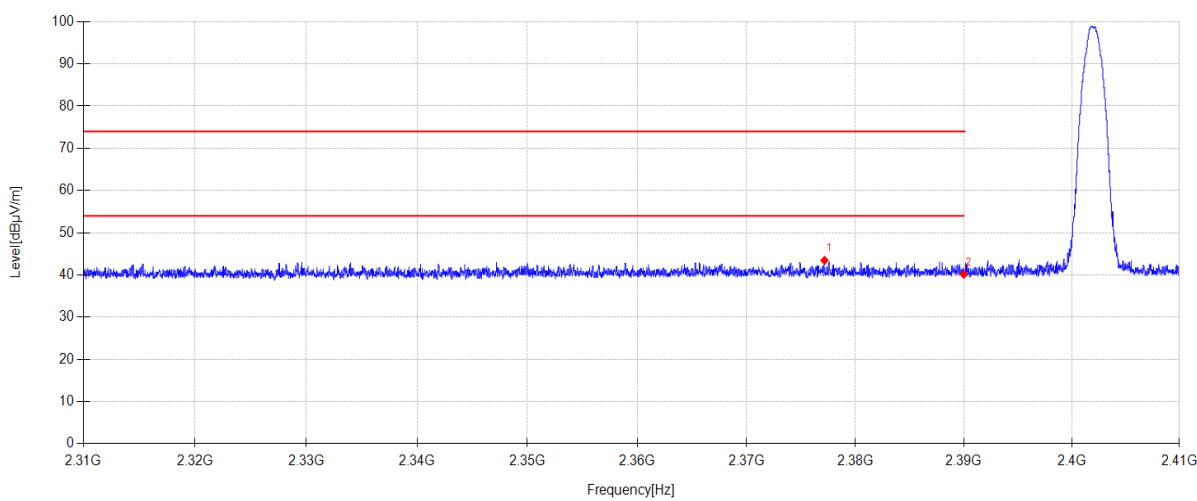
File Path:

d:\ts\2024 report data\Q24052818\FCC ABOVE1G\37

Memo:

R Sample Number:S240052818-001

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	2377.160	12.67	27.21	3.56	0.00	43.44	74.00	30.56	PK	Horizontal
2	2390.000	9.33	27.26	3.57	0.00	40.16	74.00	33.84	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:

2024-08-29

Tested By:

Zhong Nan

EUT:

True Wireless Earbuds

Model Number:

Epic Sport ANC 3

Test Mode:

3DH5 2402MHz TX Mode

Power Supply:

Battery

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

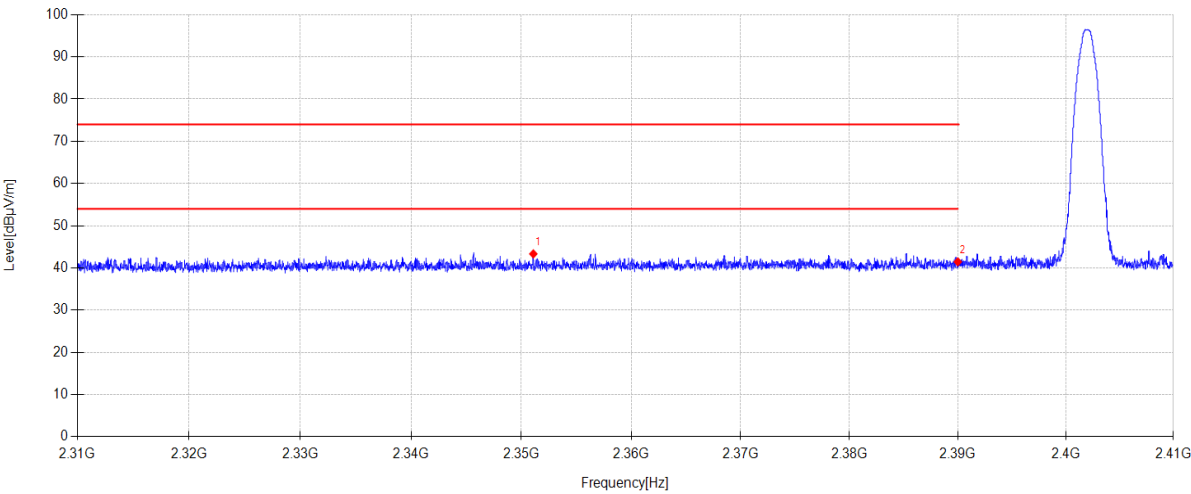
File Path:

d:\ts\2024 report data\Q24052818\FCC ABOVE1G\38

Memo:

R Sample Number:S240052818-001

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	2351.090	12.68	27.10	3.55	0.00	43.33	74.00	30.67	PK	Vertical
2	2390.000	10.63	27.26	3.57	0.00	41.46	74.00	32.54	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.

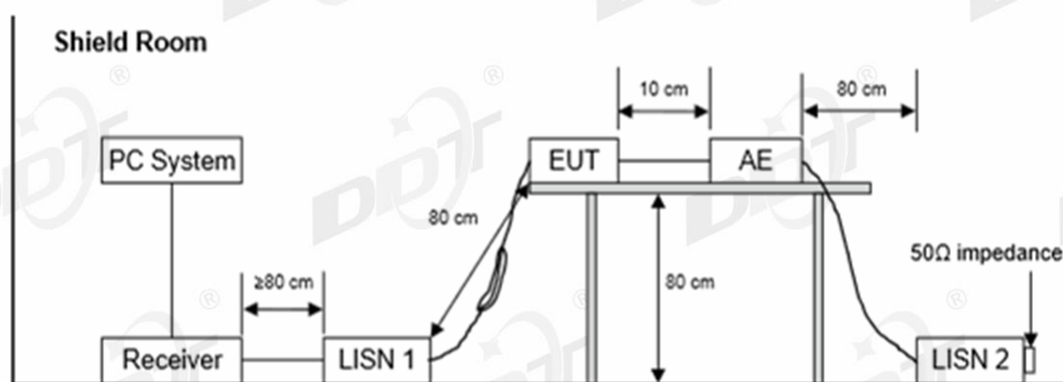
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

16. Power Line Conducted Emissions

16.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
EMI Test Software	Audix/TW	e3	DDT-ZC01252	/
Artificial mains	R&S	ESH2-Z5	DDT-ZC00538	2025/07/08
Two Line V-Network	R&S	ENV216	DDT-ZC00535	2025/07/08
EMI Test Receiver	R&S	ESCI	DDT-ZC00235	2025/07/08
CE Cable 1	R&S	ESU8/RF2	DDT-ZC00566	2025/07/08
Pulse Limiter	SCHWARZBEC K	ESH3-Z2	DDT-ZC00539	2025/07/08

16.2. Block diagram of test setup



16.3. 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.

16.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
Adapter	HUAWEI	HW-100400C01	Huawei Fast Charge 2 #	Input: 100-240V~ 50/60Hz, Output: 5V/2A or 9V/2A or 10V/4A MAX

16.5. 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.

16.6. 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.

16.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 1# Shield Room

D:\2024 CE report data\Q24052818-1E\CE-FCC.EM6

Test Date

: 2024-09-20

Tested By

: Gen Liu

EUT

: True Wireless Earbuds

Model Number

: Epic Sport ANC 3

Power Supply

: AC 120V/60Hz

Test Mode

: BT mode

Condition

: TEMP:21.5°C, RH:53.6%

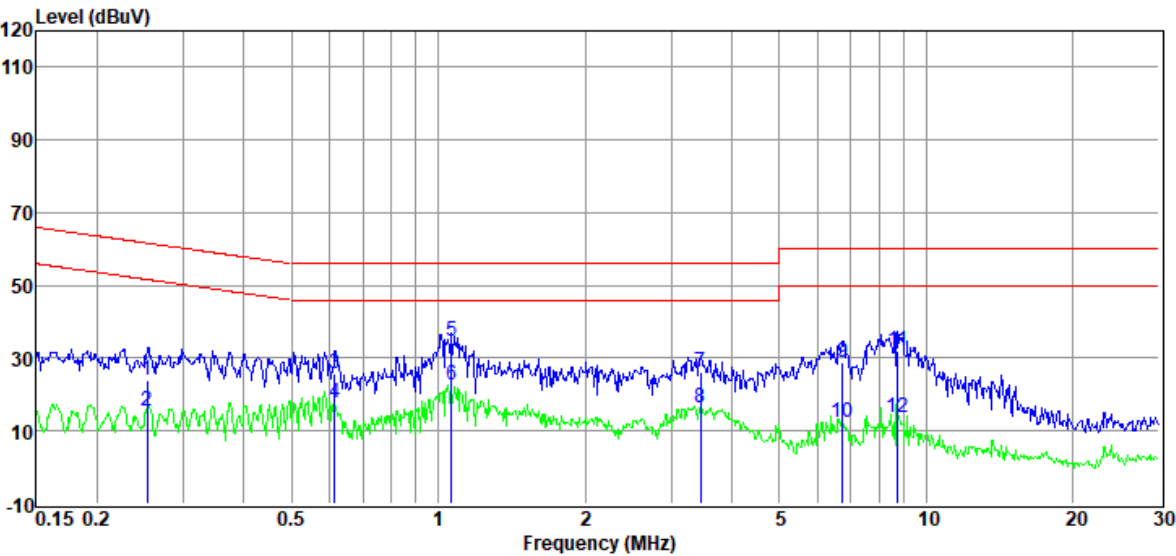
LISN

: 2023 1# ENV216/LINE

Memo

: Sample Number:S240052818-001

Data: 2



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	0.25	3.63	9.82	0.89	9.69	24.03	61.64	-37.61	QP	LINE
2	0.25	-5.03	9.82	0.89	9.69	15.37	51.64	-36.27	Average	LINE
3	0.61	5.61	9.78	0.81	9.72	25.92	56.00	-30.08	QP	LINE
4	0.61	-2.69	9.78	0.81	9.72	17.62	46.00	-28.38	Average	LINE
5	1.07	14.54	9.65	0.67	9.73	34.59	56.00	-21.41	QP	LINE
6	1.07	2.53	9.65	0.67	9.73	22.58	46.00	-23.42	Average	LINE
7	3.45	6.06	9.64	0.58	9.78	26.06	56.00	-29.94	QP	LINE
8	3.45	-3.51	9.64	0.58	9.78	16.49	46.00	-29.51	Average	LINE
9	6.73	9.03	9.68	0.46	9.80	28.97	60.00	-31.03	QP	LINE
10	6.73	-7.44	9.68	0.46	9.80	12.50	50.00	-37.50	Average	LINE
11	8.73	11.96	9.76	0.29	9.81	31.82	60.00	-28.18	QP	LINE
12	8.73	-6.26	9.76	0.29	9.81	13.60	50.00	-36.40	Average	LINE

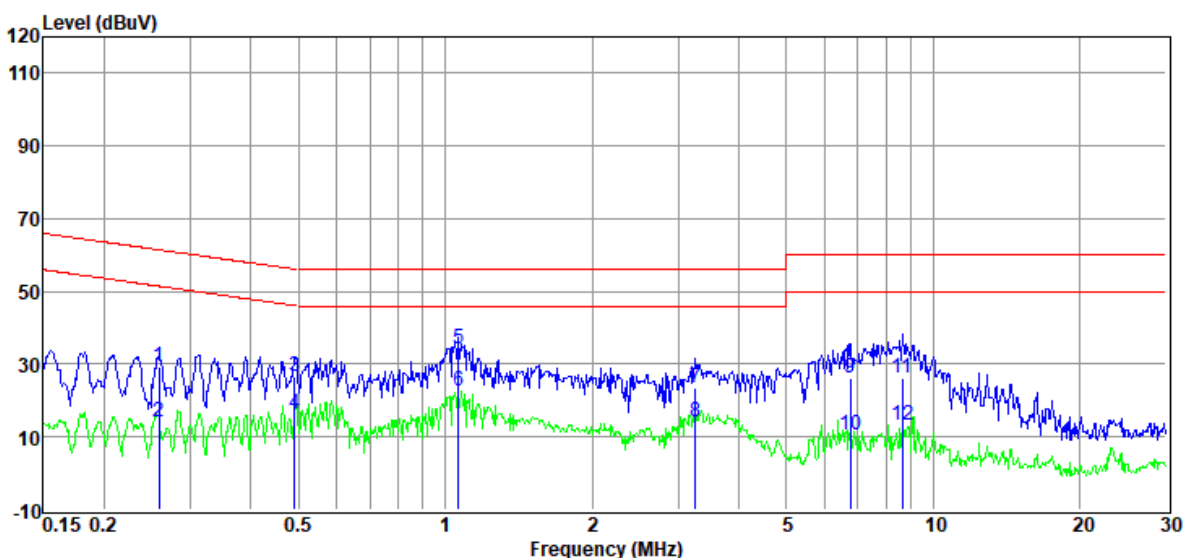
Note:

- 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\Q24052818-1E\CE-FCC.EM6**
Test Date : 2024-09-20 **Tested By** : Gen Liu
EUT : True Wireless Earbuds **Model Number** : Epic Sport ANC 3
Power Supply : AC 120V/60Hz **Test Mode** : BT mode
Condition : TEMP:21.5°C, RH:53.6% **LISN** : 2023 1# ENV216/NEUTRAL
Memo : Sample Number:S240052818-001

Data: 4



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	0.26	9.07	9.74	0.89	9.69	29.39	61.47	-32.08	QP	NEUTRAL
2	0.26	-6.18	9.74	0.89	9.69	14.14	51.47	-37.33	Average	NEUTRAL
3	0.49	6.31	9.79	0.86	9.71	26.67	56.14	-29.47	QP	NEUTRAL
4	0.49	-4.04	9.79	0.86	9.71	16.32	46.14	-29.82	Average	NEUTRAL
5	1.07	14.23	9.74	0.67	9.73	34.37	56.00	-21.63	QP	NEUTRAL
6	1.07	2.64	9.74	0.67	9.73	22.78	46.00	-23.22	Average	NEUTRAL
7	3.26	3.40	9.72	0.58	9.78	23.48	56.00	-32.52	QP	NEUTRAL
8	3.26	-5.84	9.72	0.58	9.78	14.24	46.00	-31.76	Average	NEUTRAL
9	6.77	6.27	9.81	0.46	9.80	26.34	60.00	-33.66	QP	NEUTRAL
10	6.77	-9.60	9.81	0.46	9.80	10.47	50.00	-39.53	Average	NEUTRAL
11	8.64	6.28	9.80	0.31	9.81	26.20	60.00	-33.80	QP	NEUTRAL
12	8.64	-6.60	9.80	0.31	9.81	13.32	50.00	-36.68	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.

18. Photos of the EUT

Please refer to DDT-Q24052818-2E appendix I

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