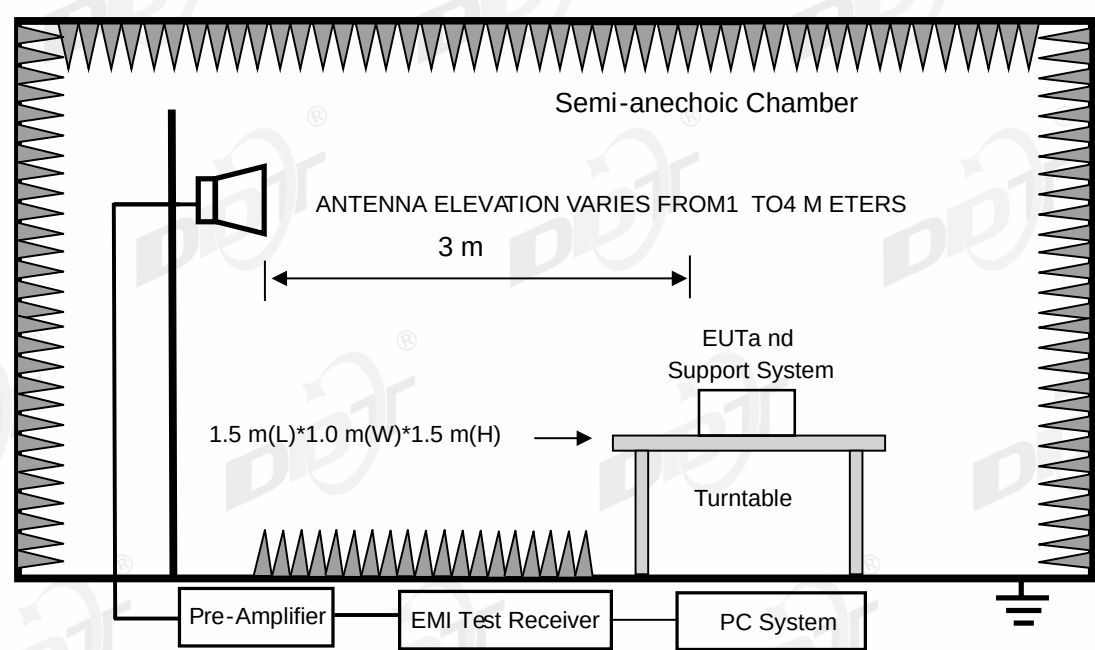


15.2. Block diagram of test setup



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: 2025-09-19 Tested By: Li Xiongbin

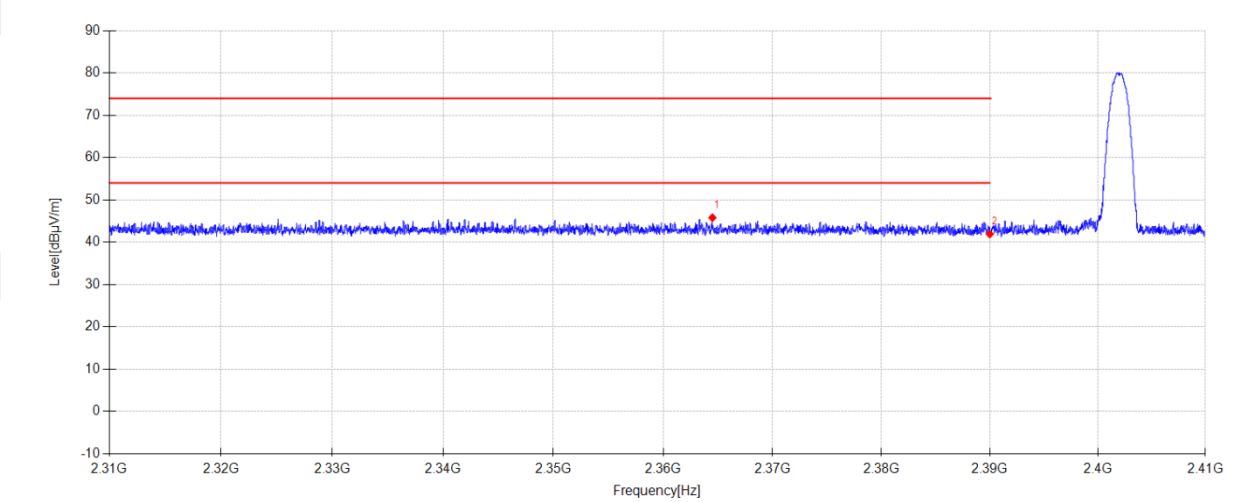
EUT: In-ear headphones with ANC Model Number: Pure

Test Mode: TX 3DH5 2402MHz Mode Power Supply: Battery

Condition: Temp:23.6°C;Humi:59.4% Test Site: DDT 3# Chamber

File Path: d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\7

Memo: Left side Sample Numbler:S25073024



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2364.500	13.75	27.61	4.43	0.00	45.79	74.00	28.21	PK	Horizontal
2	2390.000	10.02	27.46	4.43	0.00	41.91	74.00	32.09	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:

2025-09-19

Tested By:

Li Xiongbín

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX 3DH5 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

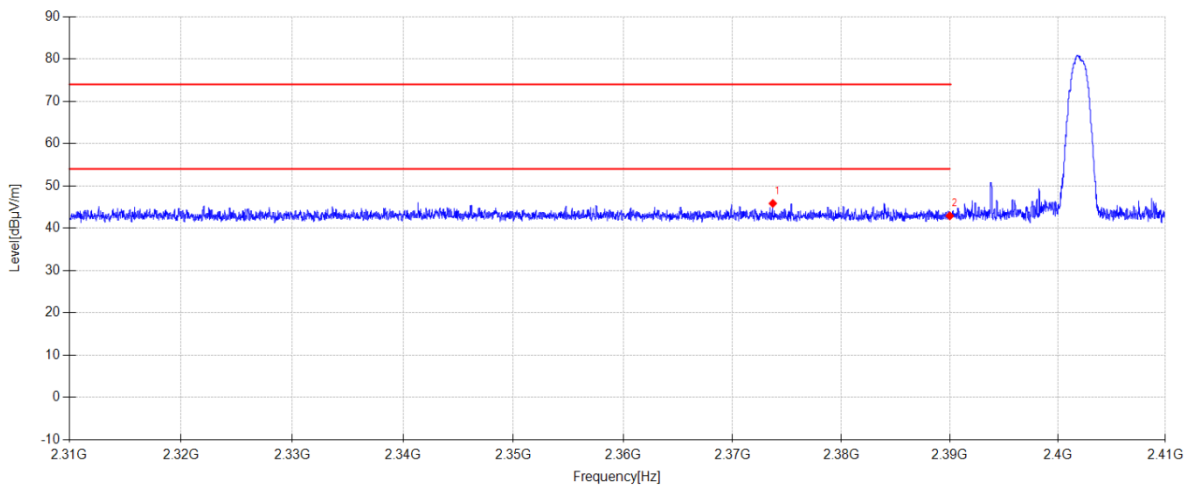
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\8

Memo:

Left side Sample Numbler:S25073024



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2373.700	13.85	27.56	4.43	0.00	45.84	74.00	28.16	PK	Vertical
2	2390.000	11.01	27.46	4.43	0.00	42.90	74.00	31.10	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:

2025-09-19

Tested By:

Li Xiongbín

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX 2DH5 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

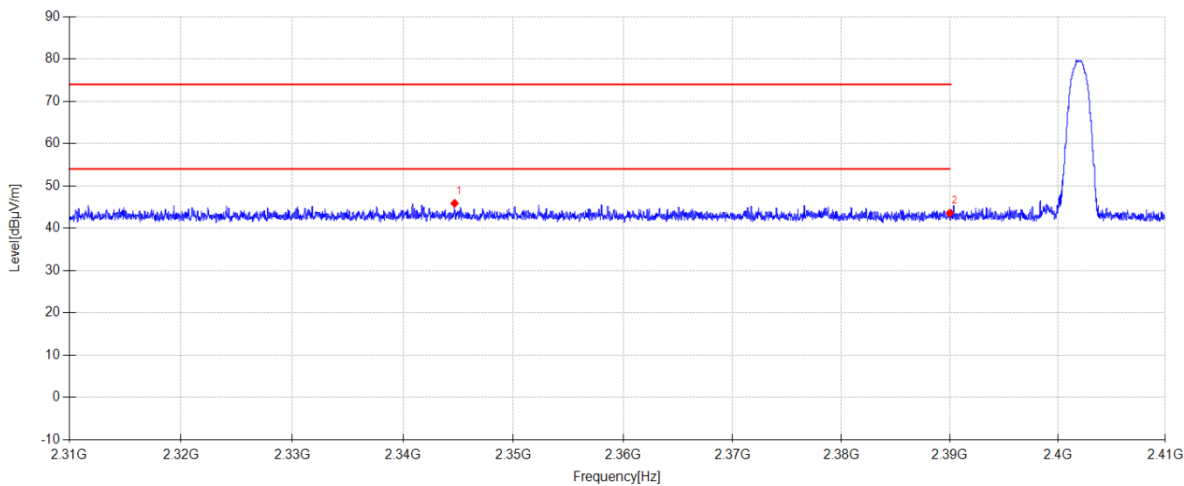
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\9

Memo:

Left side Sample Numbler:S25073024



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2344.670	13.75	27.68	4.44	0.00	45.87	74.00	28.13	PK	Horizontal
2	2390.000	11.66	27.46	4.43	0.00	43.55	74.00	30.45	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:

2025-09-19

Tested By:

Li Xiongbín

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX 2DH5 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

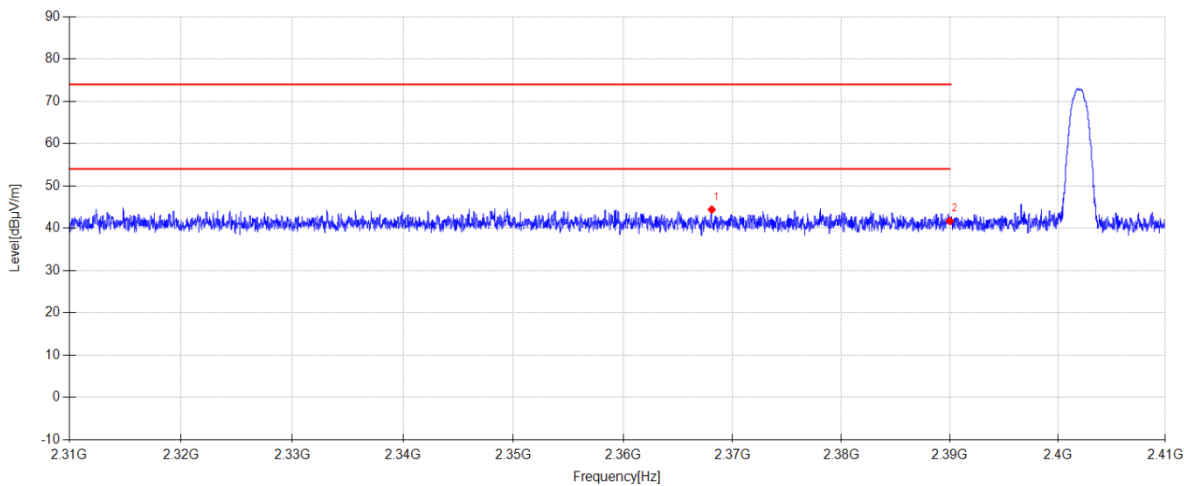
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\10

Memo:

Left side Sample Numbler:S25073024



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2368.100	12.36	27.59	4.43	0.00	44.38	74.00	29.62	PK	Vertical
2	2390.000	9.80	27.46	4.43	0.00	41.69	74.00	32.31	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX DH5 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

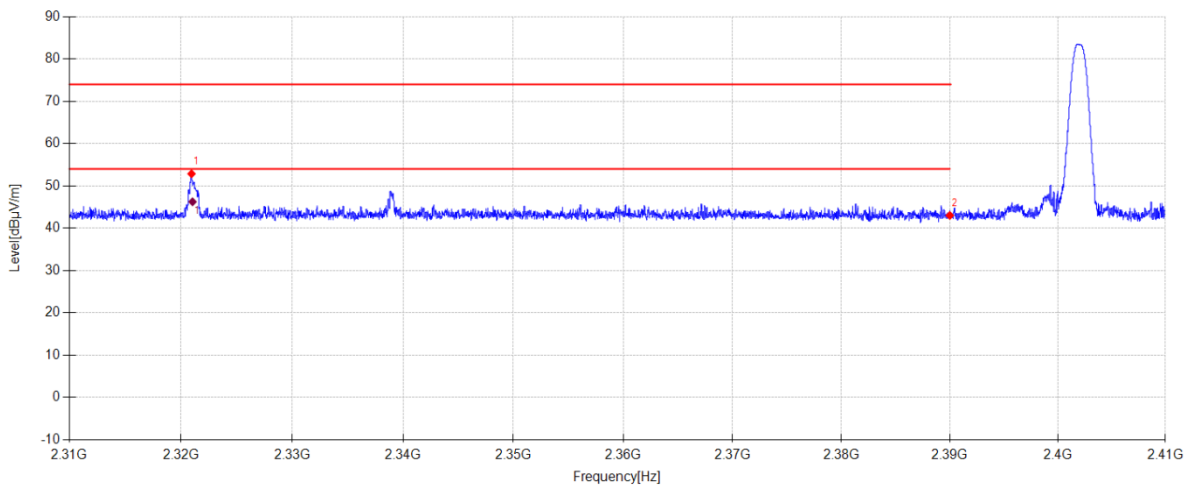
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\11

Memo:

Left side Sample Numbler:S25073024



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2320.940	20.82	27.58	4.45	0.00	52.85	74.00	21.15	PK	Horizontal
2	2390.000	11.12	27.46	4.43	0.00	43.01	74.00	30.99	PK	Horizontal

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2321.029	14.20	27.58	4.45	46.23	54.00	7.77	AV	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX DH5 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

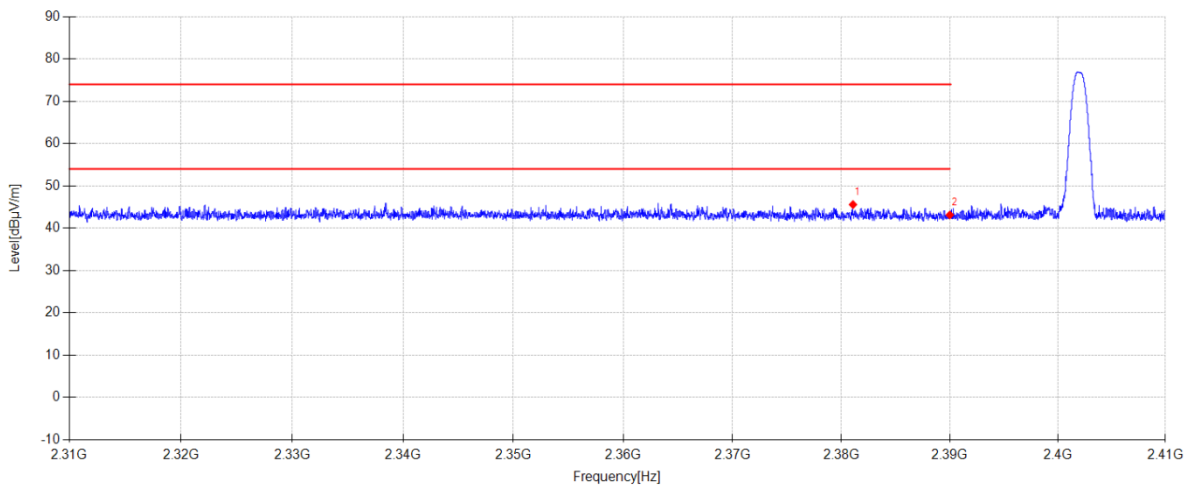
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\12

Memo:

Left side Sample Numbler:S25073024



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2381.070	13.63	27.51	4.43	0.00	45.57	74.00	28.43	PK	Vertical
2	2390.000	11.23	27.46	4.43	0.00	43.12	74.00	30.88	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX DH5 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

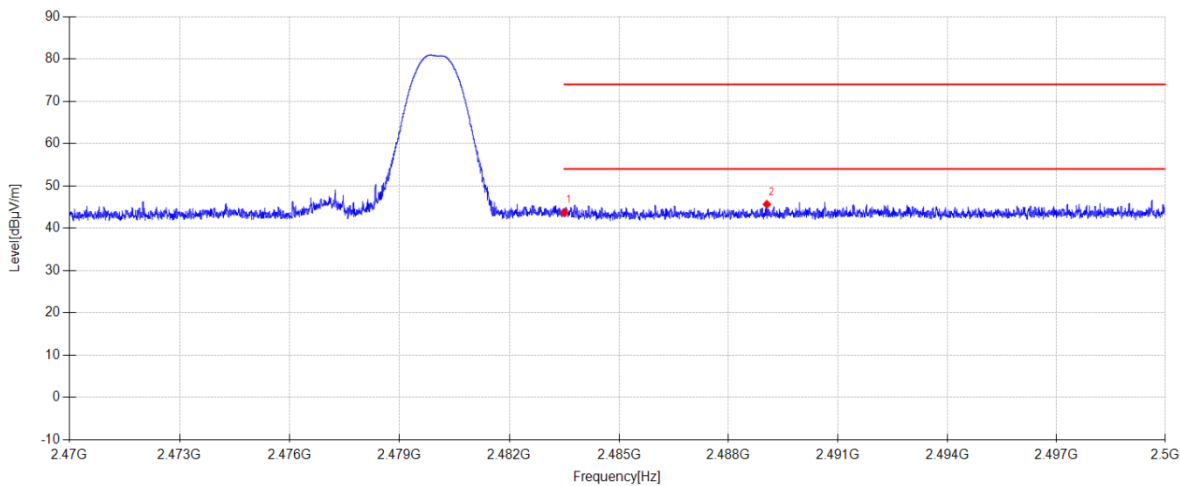
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\13

Memo:

Left side Sample Numbler:S25073024



Suspected Data List										
NO	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	11.75	27.54	4.40	0.00	43.69	74.00	30.31	PK	Horizontal
2	2489.050	13.66	27.59	4.39	0.00	45.64	74.00	28.36	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX DH5 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

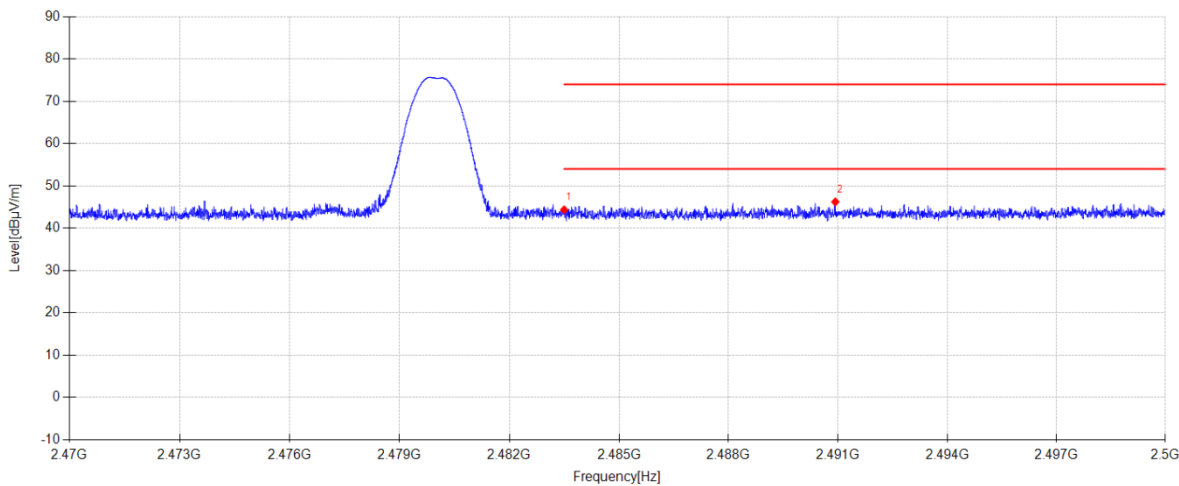
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\14

Memo:

Left side Sample Numbler:S25073024



Suspected Data List										
NO	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	12.40	27.54	4.40	0.00	44.34	74.00	29.66	PK	Vertical
2	2490.928	14.22	27.61	4.39	0.00	46.22	74.00	27.78	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX 2DH5 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

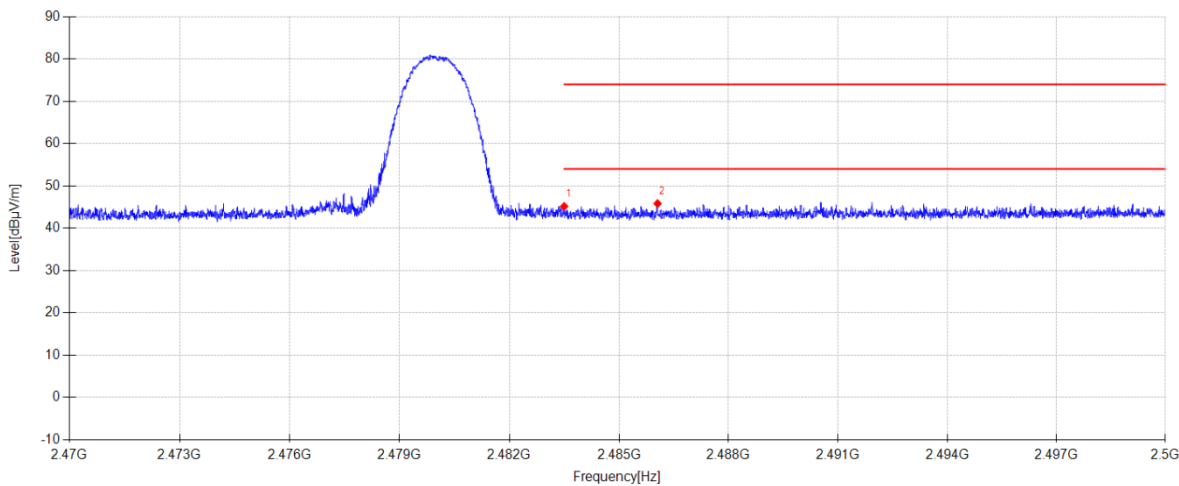
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\15

Memo:

Left side Sample Numbler:S25073024



Suspected Data List										
NO	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	13.21	27.54	4.40	0.00	45.15	74.00	28.85	PK	Horizontal
2	2486.056	13.87	27.56	4.39	0.00	45.82	74.00	28.18	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX 2DH5 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

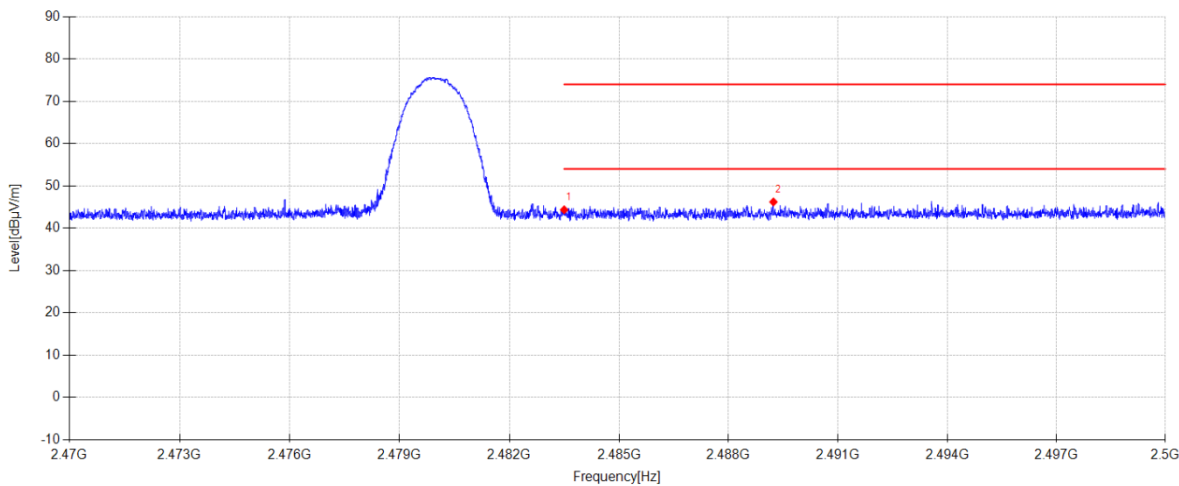
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\16

Memo:

Left side Sample Numbler:S25073024



Suspected Data List										
NO	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	12.40	27.54	4.40	0.00	44.34	74.00	29.66	PK	Vertical
2	2489.230	14.22	27.59	4.39	0.00	46.20	74.00	27.80	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX 3DH5 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

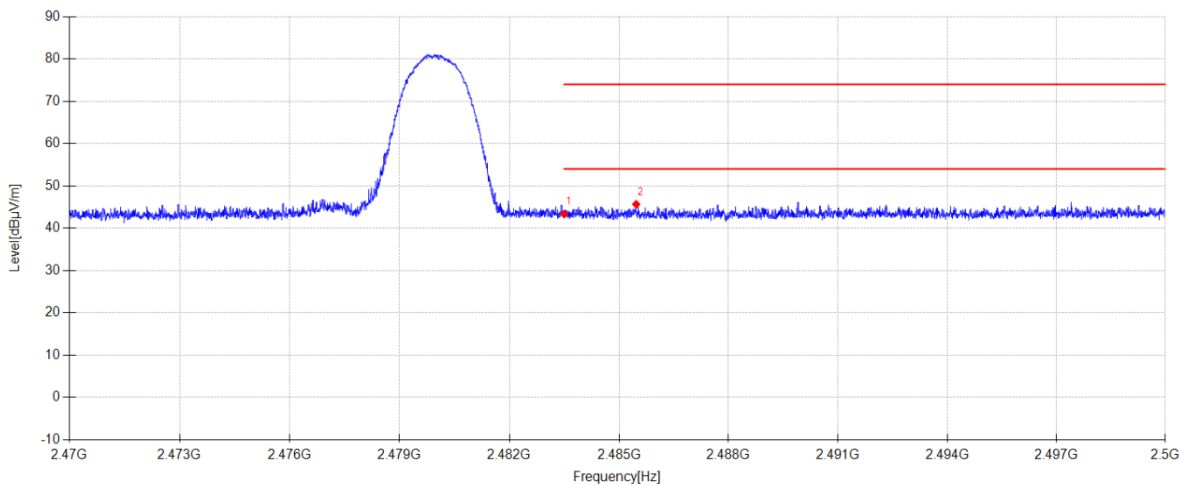
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\17

Memo:

Left side Sample Numbler:S25073024



Suspected Data List										
NO	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	11.40	27.54	4.40	0.00	43.34	74.00	30.66	PK	Horizontal
2	2485.471	13.71	27.55	4.39	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX 3DH5 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

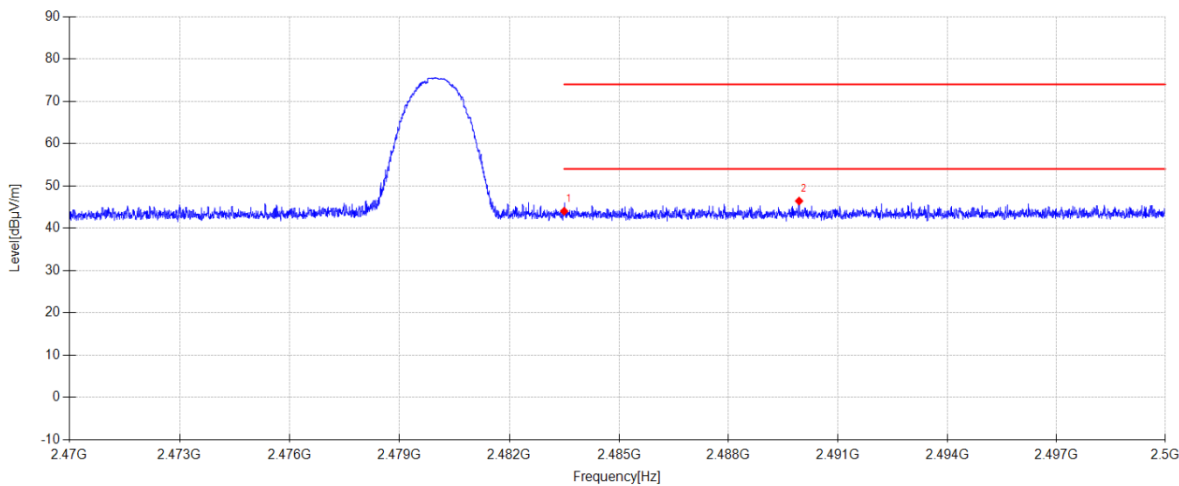
DDT 3# Chamber

File Path:

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Memo:

Left side Sample Numbler:S25073024



Suspected Data List										
NO	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	12.06	27.54	4.40	0.00	44.00	74.00	30.00	PK	Vertical
2	2489.935	14.42	27.60	4.39	0.00	46.41	74.00	27.59	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX DH5 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

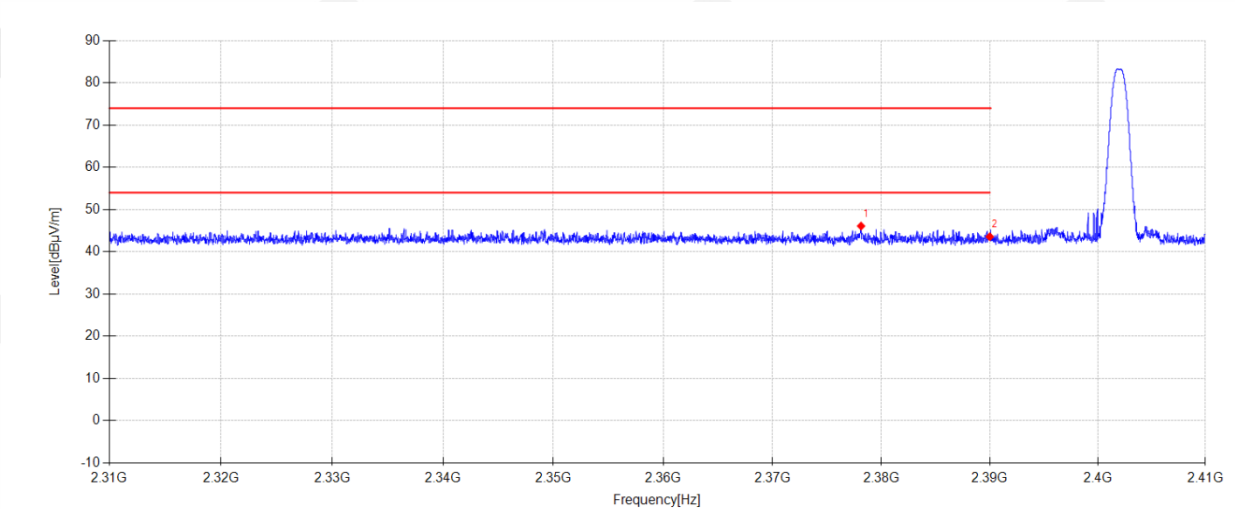
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\31

Memo:

Right Side Sample Numble:S25073024



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2378.130	14.12	27.53	4.43	0.00	46.08	74.00	27.92	PK	Horizontal
2	2390.000	11.66	27.46	4.43	0.00	43.55	74.00	30.45	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX DH5 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

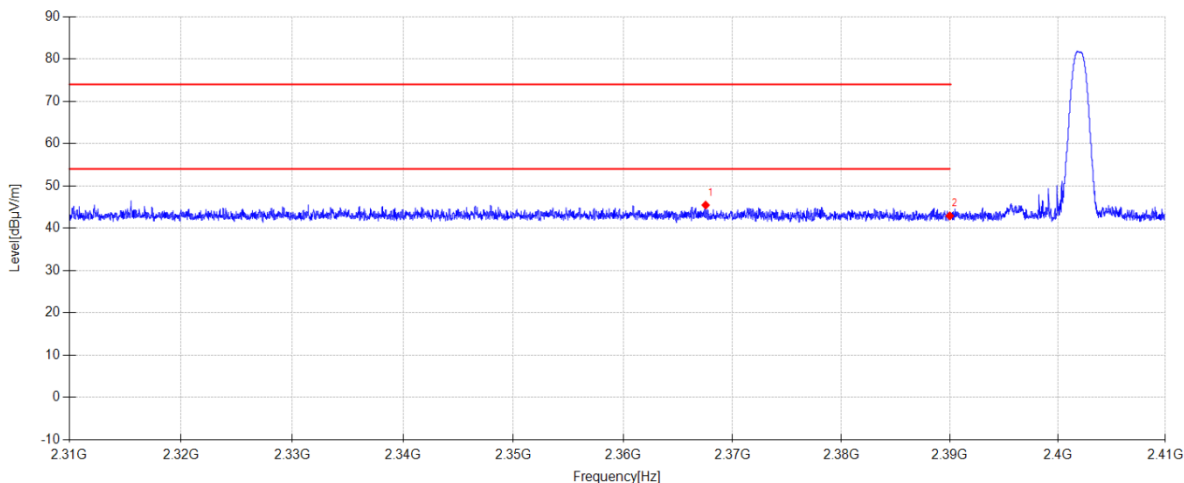
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\32

Memo:

Right Side Sample Numbler:S25073024



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2367.540	13.43	27.59	4.43	0.00	45.45	74.00	28.55	PK	Vertical
2	2390.000	11.01	27.46	4.43	0.00	42.90	74.00	31.10	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX 2DH5 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

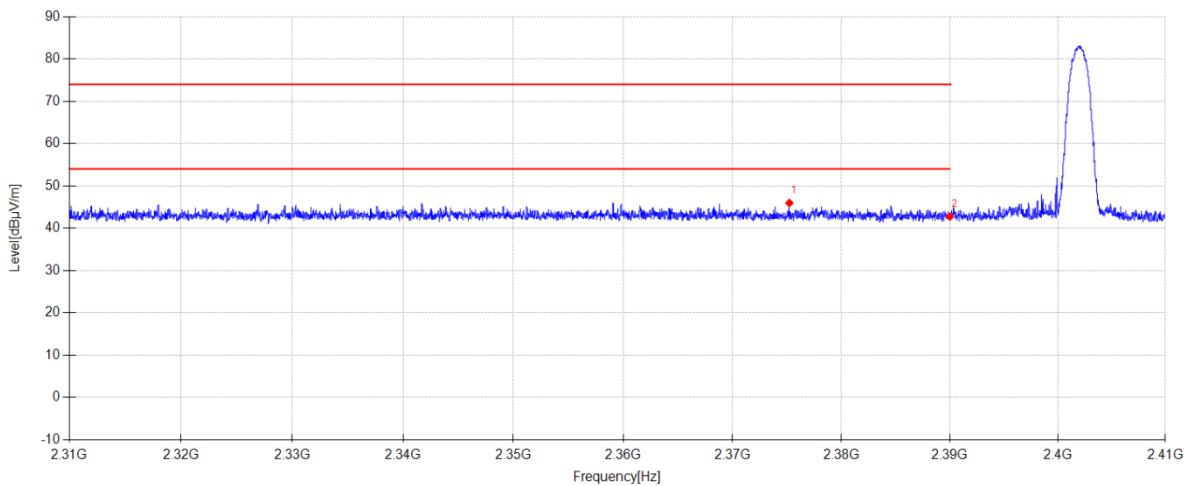
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\33

Memo:

Right Side Sample Numble:S25073024



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2375.220	13.97	27.55	4.43	0.00	45.95	74.00	28.05	PK	Horizontal
2	2390.000	10.83	27.46	4.43	0.00	42.72	74.00	31.28	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX 2DH5 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

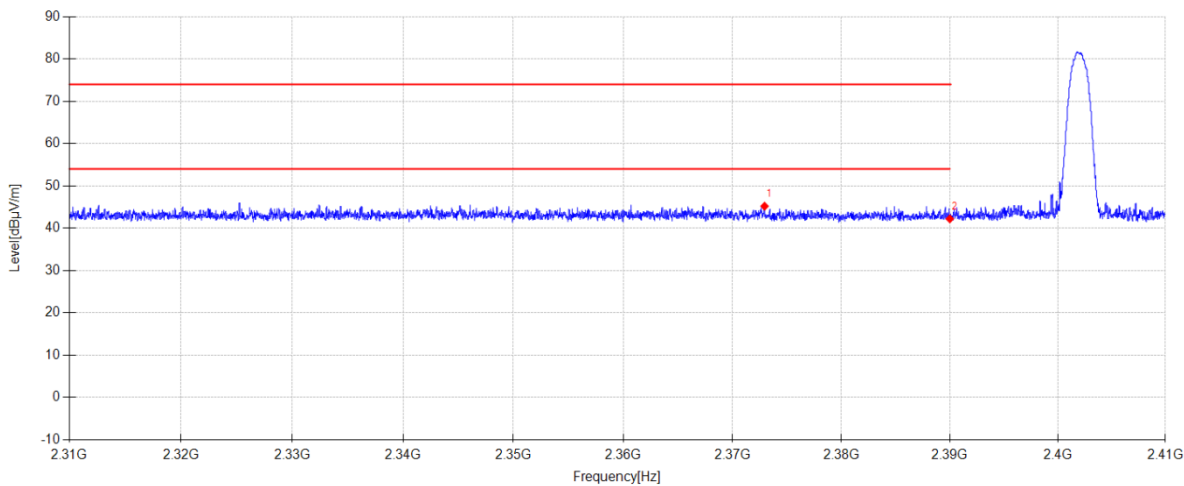
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\34

Memo:

Right Side Sample Numbler:S25073024



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2372.940	13.20	27.56	4.43	0.00	45.19	74.00	28.81	PK	Vertical
2	2390.000	10.31	27.46	4.43	0.00	42.20	74.00	31.80	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX 3DH5 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

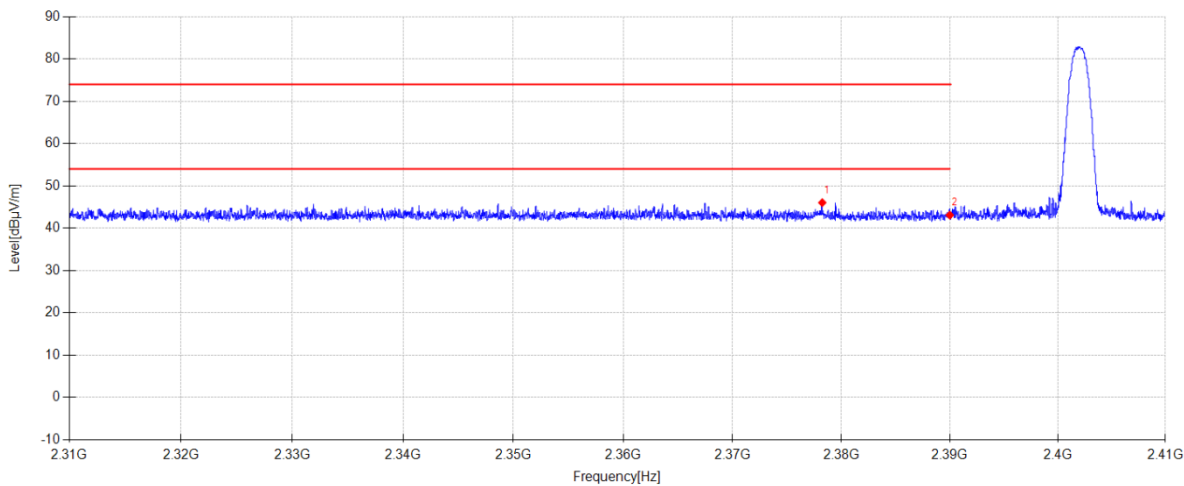
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\35

Memo:

Right Side Sample Numbler:S25073024



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2378.240	14.07	27.53	4.43	0.00	46.03	74.00	27.97	PK	Horizontal
2	2390.000	11.19	27.46	4.43	0.00	43.08	74.00	30.92	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX 3DH5 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

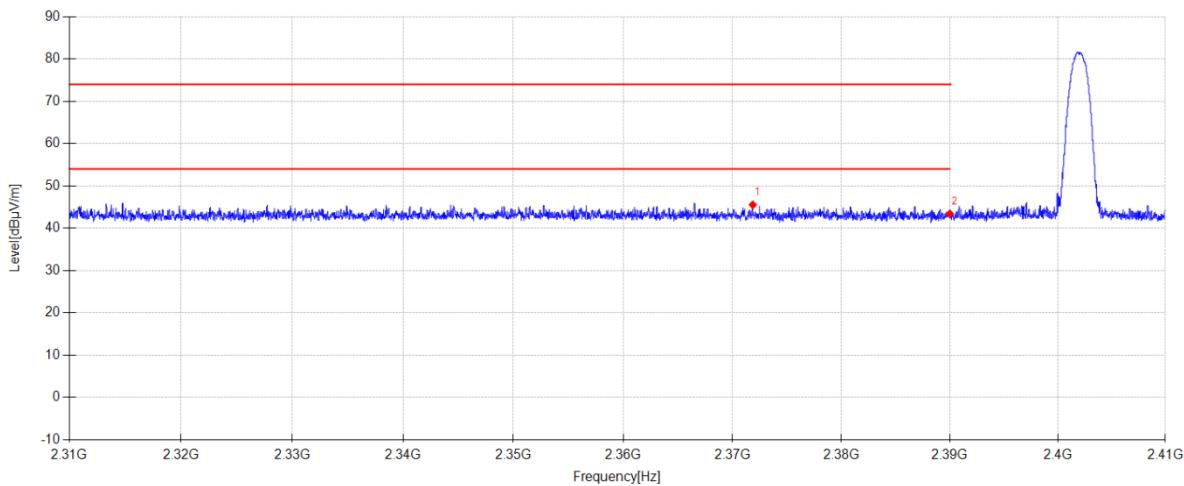
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\36

Memo:

Right Side Sample Numble:S25073024



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2371.860	13.51	27.57	4.43	0.00	45.51	74.00	28.49	PK	Vertical
2	2390.000	11.50	27.46	4.43	0.00	43.39	74.00	30.61	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX 3DH5 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

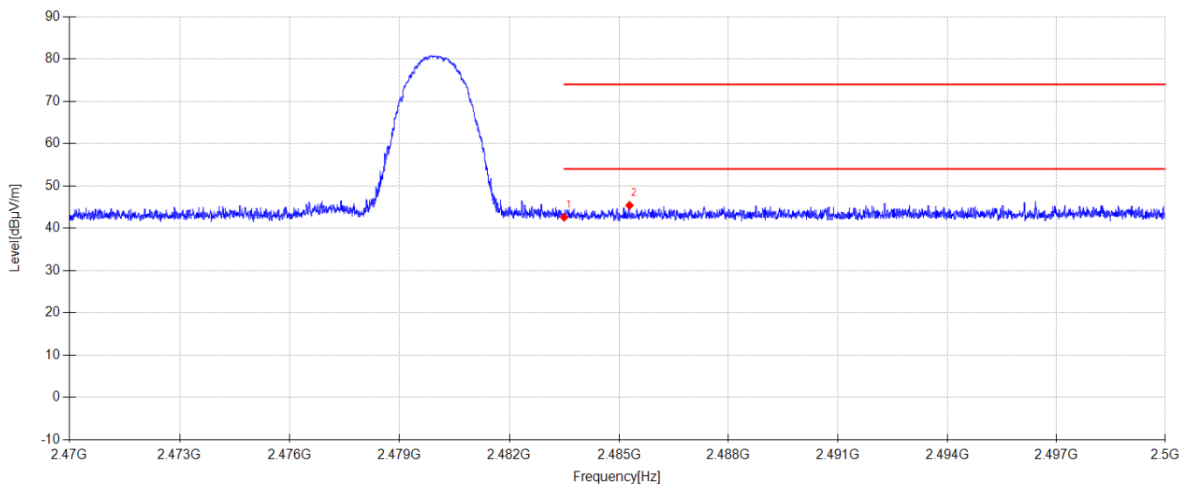
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\37

Memo:

Right Side Sample Numbler:S25073024



Suspected Data List										
NO	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	10.62	27.54	4.40	0.00	42.56	74.00	31.44	PK	Horizontal
2	2485.288	13.44	27.55	4.39	0.00	45.38	74.00	28.62	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX 3DH5 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

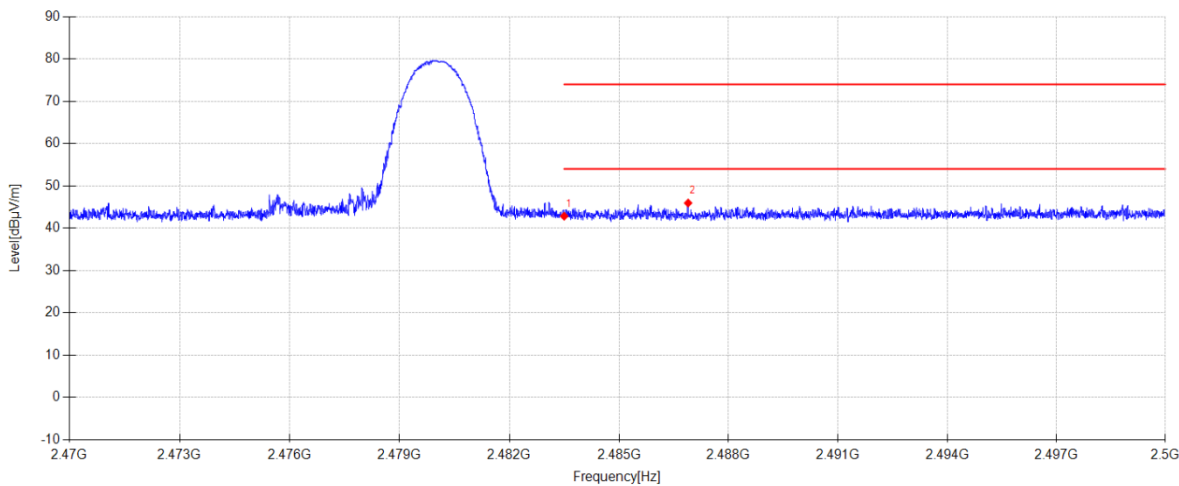
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\38

Memo:

Right Side Sample Numbler:S25073024



Suspected Data List										
NO	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	10.89	27.54	4.40	0.00	42.83	74.00	31.17	PK	Vertical
2	2486.893	13.98	27.57	4.39	0.00	45.94	74.00	28.06	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX 2DH5 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

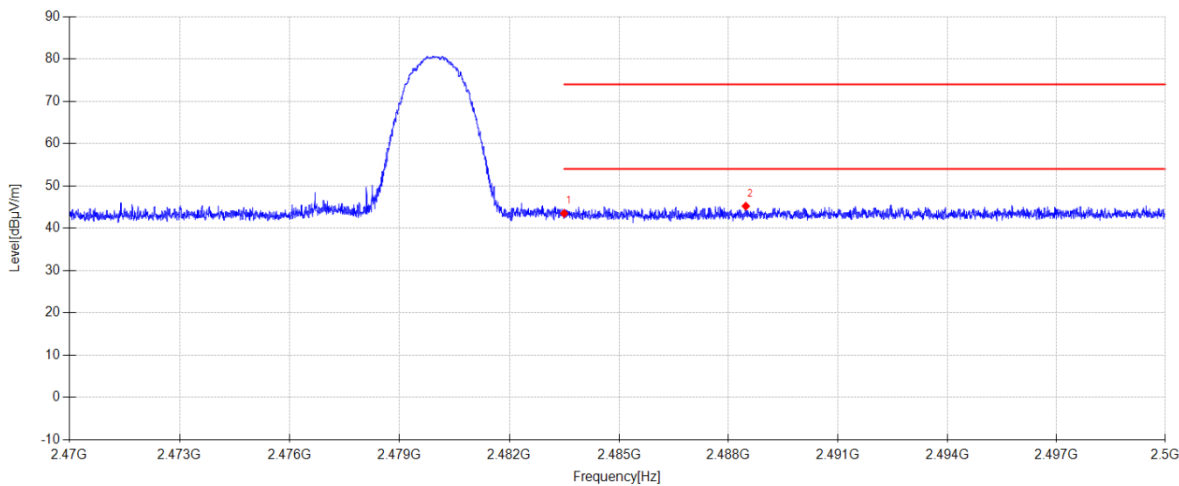
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\39

Memo:

Right Side Sample Numbler:S25073024



Suspected Data List										
NO	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	11.55	27.54	4.40	0.00	43.49	74.00	30.51	PK	Horizontal
2	2488.474	13.24	27.58	4.39	0.00	45.21	74.00	28.79	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX 2DH5 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

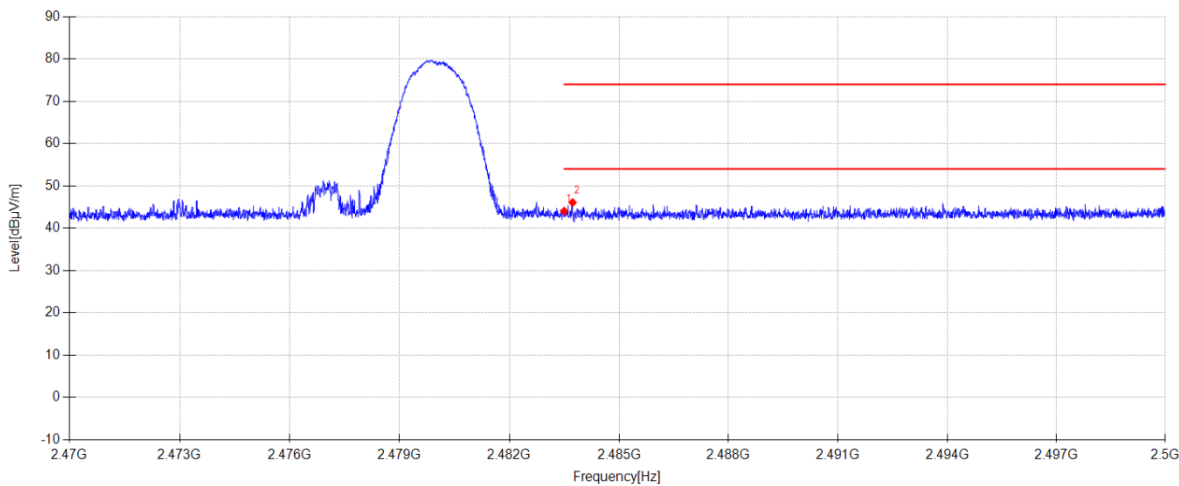
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\40

Memo:

Right Side Sample Numbler:S25073024



Suspected Data List										
NO	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	12.08	27.54	4.40	0.00	44.02	74.00	29.98	PK	Vertical
2	2483.731	14.12	27.54	4.40	0.00	46.06	74.00	27.94	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX DH5 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

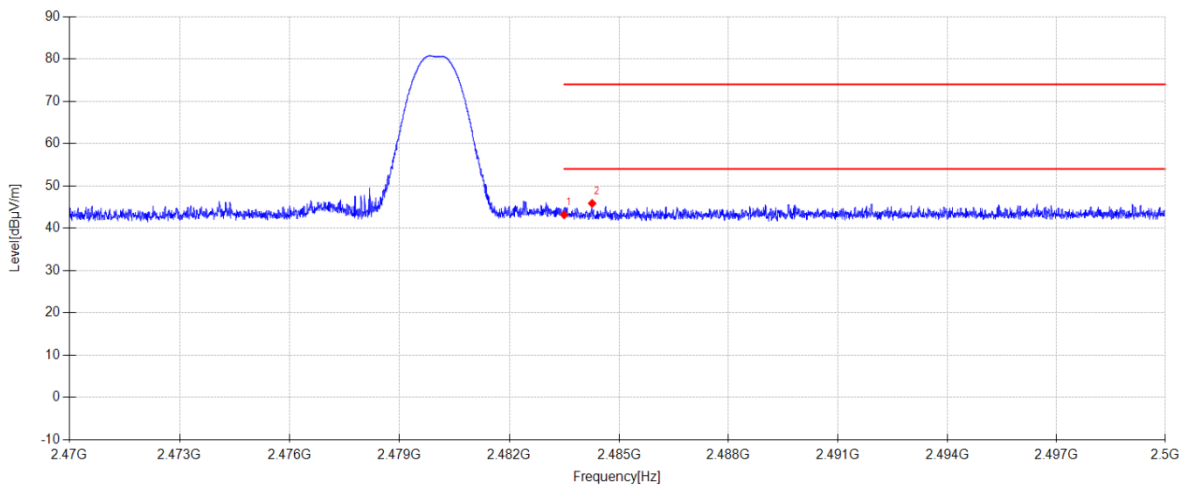
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\41

Memo:

Right Side Sample Numbler:S25073024



Suspected Data List										
NO	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	11.22	27.54	4.40	0.00	43.16	74.00	30.84	PK	Horizontal
2	2484.265	13.91	27.54	4.40	0.00	45.85	74.00	28.15	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:

2025-09-19

Tested By:

Lin Guoyuan

EUT:

In-ear headphones with ANC

Model Number:

Pure

Test Mode:

TX DH5 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:23.6°C;Humi:59.4%

Test Site:

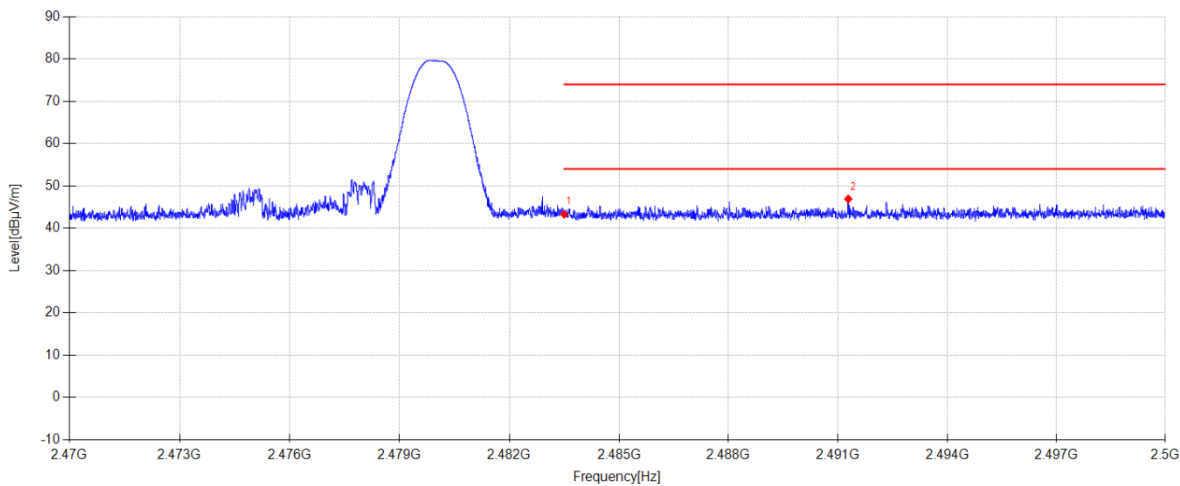
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25073024-24E\FCC Above 1G BT\42

Memo:

Right Side Sample Numble:S25073024



Suspected Data List										
NO	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	11.33	27.54	4.40	0.00	43.27	74.00	30.73	PK	Vertical
2	2491.285	14.90	27.61	4.39	0.00	46.90	74.00	27.10	PK	Vertical

Note:

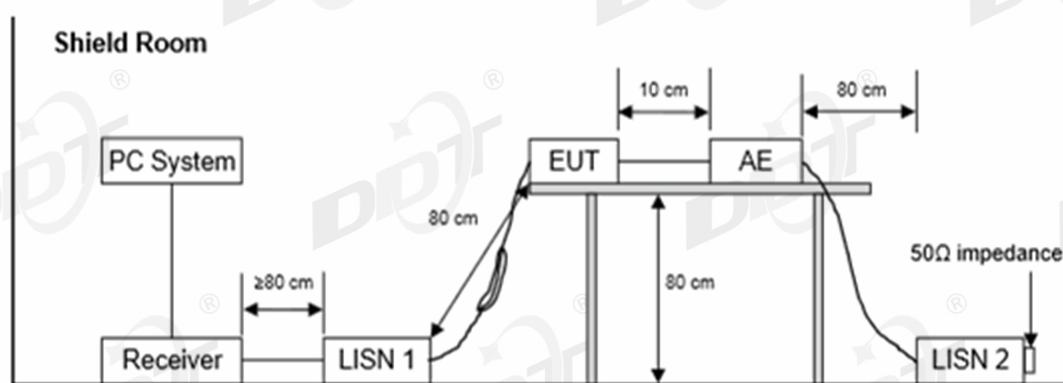
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

16. Power Line Conducted Emissions

16.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
EMI Test Receiver	R&S	ESCI	DDT-ZC00235	2026/07/06
Two Line V-Network	R&S	ENV216	DDT-ZC00535	2026/07/06
Artificial mains	R&S	ESH2-Z5	DDT-ZC00538	2026/07/06
Pulse Limiter	SCHWARZBECK	ESH3-Z2	DDT-ZC00539	2026/07/06
CE Cable 1	R&S	ESU8/RF2	DDT-ZC00566	2026/07/06
EMI Test Software	Audix/TW	e3	DDT-ZC01252	/

16.2. Block diagram of test setup



16.3. Limits

Frequency	Quasi-Peak Level dB(μV)	Average Level dB(μV)
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
/	/	/	/	/

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.

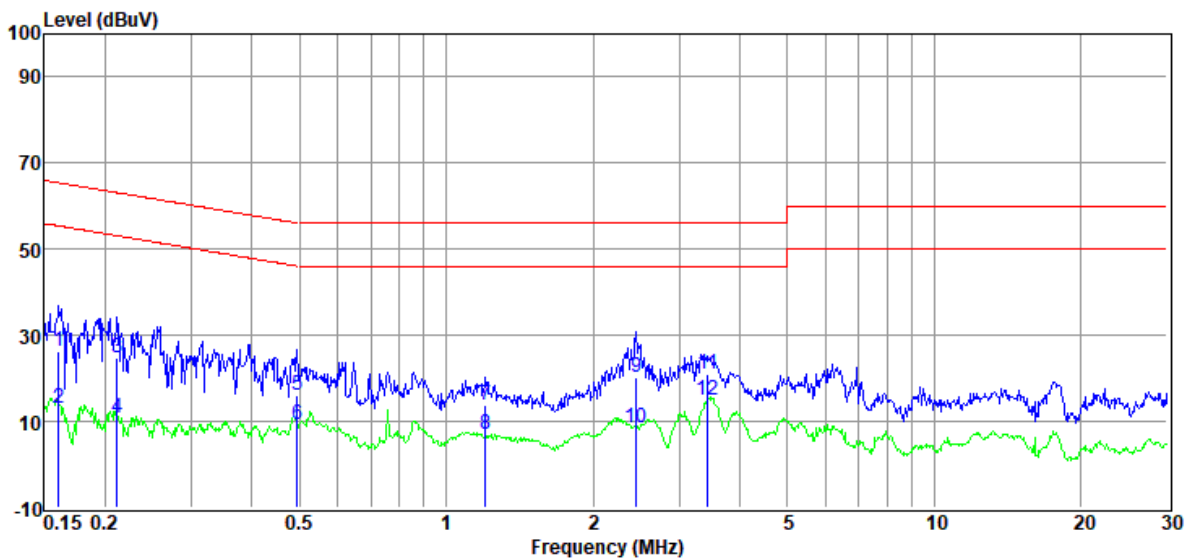
Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

16.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room **D:\2025 CE report data\Q25073024-24E\CE-FCC.EM6**
Test Date : 2025-09-04 **Tested By** : Alex Liu
EUT : In-ear headphones with ANC **Model Number** : Pure
Power Supply : AC 120V/60Hz **Test Mode** : BT mode
Condition : TEMP:22.1°C, RH:61.2% **LISN** : 2025 1# 216/NEUTRAL
Memo : S25073024-101

Data: 2



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	0.16	6.71	9.72	0.05	9.89	26.37	65.43	-39.06	QP	NEUTRAL
2	0.16	-6.42	9.72	0.05	9.89	13.24	55.43	-42.19	Average	NEUTRAL
3	0.21	5.09	9.83	0.06	9.89	24.87	63.14	-38.27	QP	NEUTRAL
4	0.21	-9.00	9.83	0.06	9.89	10.78	53.14	-42.36	Average	NEUTRAL
5	0.49	-3.80	9.90	0.09	9.89	16.08	56.10	-40.02	QP	NEUTRAL
6	0.49	-10.63	9.90	0.09	9.89	9.25	46.10	-36.85	Average	NEUTRAL
7	1.20	-6.20	9.89	0.15	9.90	13.74	56.00	-42.26	QP	NEUTRAL
8	1.20	-12.94	9.89	0.15	9.90	7.00	46.00	-39.00	Average	NEUTRAL
9	2.45	0.51	9.79	0.17	9.88	20.35	56.00	-35.65	QP	NEUTRAL
10	2.45	-11.21	9.79	0.17	9.88	8.63	46.00	-37.37	Average	NEUTRAL
11	3.44	0.96	9.85	0.18	9.87	20.86	56.00	-35.14	QP	NEUTRAL
12	3.44	-4.95	9.85	0.18	9.87	14.95	46.00	-31.05	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 1# Shield Room

Test Date

: 2025-09-04

EUT

: In-ear headphones with ANC

Power Supply

: AC 120V/60Hz

Condition

: TEMP:22.1°C, RH:61.2%

Memo

: S25073024-101

D:\2025 CE report data\Q25073024-24E\FCC-EM6

Tested By

: Alex Liu

Model Number

: Pure

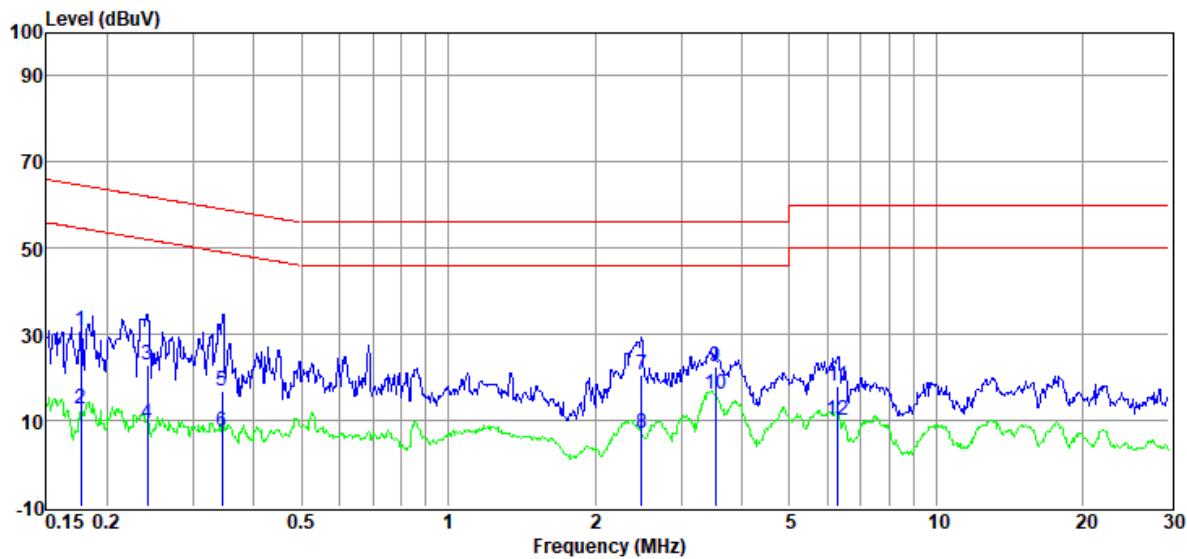
Test Mode

: BT mode

LISN

: 2025 1# 216/LINE

Data: 4



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	11.16	9.84	0.06	9.89	30.95	64.64	-33.69	QP	LINE
2	0.18	-6.93	9.84	0.06	9.89	12.86	54.64	-41.78	Average	LINE
3	0.24	3.22	9.82	0.06	9.89	22.99	62.04	-39.05	QP	LINE
4	0.24	-10.48	9.82	0.06	9.89	9.29	52.04	-42.75	Average	LINE
5	0.34	-2.60	9.66	0.07	9.89	17.02	59.09	-42.07	QP	LINE
6	0.34	-12.28	9.66	0.07	9.89	7.34	49.09	-41.75	Average	LINE
7	2.49	0.74	9.86	0.17	9.88	20.65	56.00	-35.35	QP	LINE
8	2.49	-13.01	9.86	0.17	9.88	6.90	46.00	-39.10	Average	LINE
9	3.53	2.47	9.96	0.18	9.87	22.48	56.00	-33.52	QP	LINE
10	3.53	-3.75	9.96	0.18	9.87	16.26	46.00	-29.74	Average	LINE
11	6.29	-2.17	9.94	0.21	9.85	17.83	60.00	-42.17	QP	LINE
12	6.29	-10.04	9.94	0.21	9.85	9.96	50.00	-40.04	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.

18. Photos of the EUT

Please refer to DDT-Q25073024-29E appendix I

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