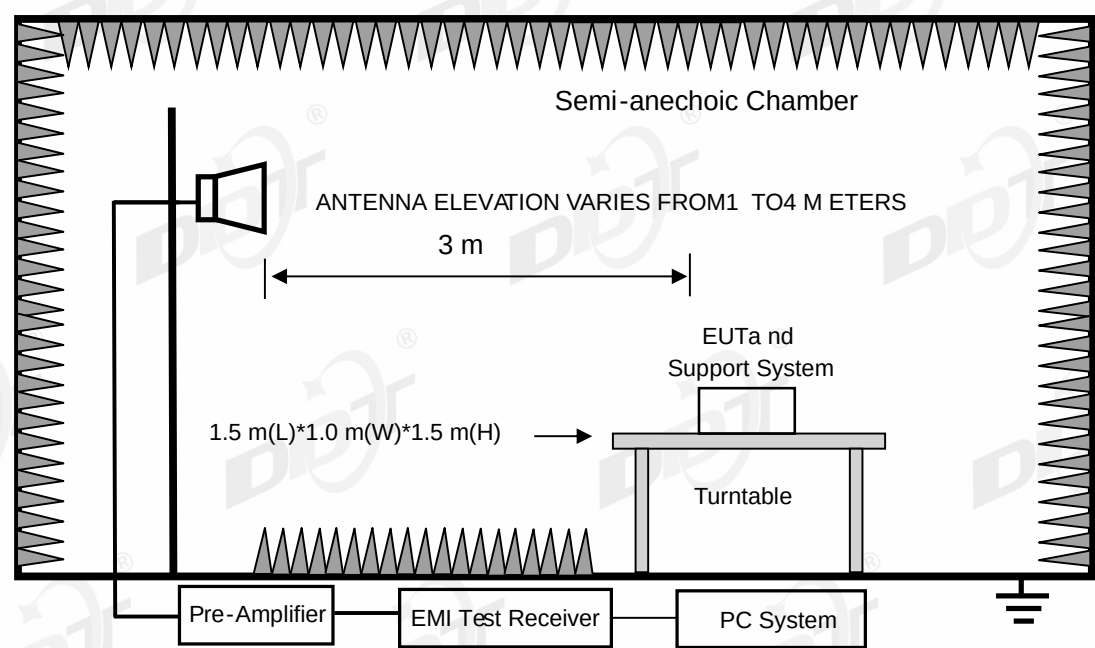


13. Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2026/03/28
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/03/28
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2025/08/25
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/04/01
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2026/07/11
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2025/09/18
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28

13.2. Block diagram of test setup



13.3. Limits

All restriction band should comply with 15.209 and RSS-Gen section 8.9 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.

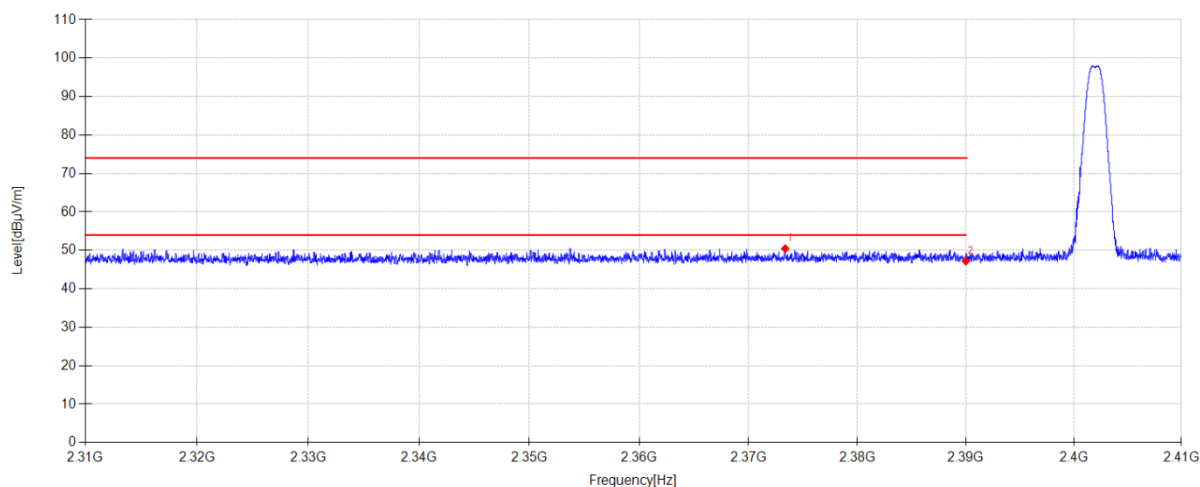
13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-07-17 **Tested By:** Nan Zhong
EUT: Vonder AI Smart Glasses **Model Number:** V1253
Test Mode: TX BLE1M 2402MHz Mode **Power Supply:** Battery
Condition: Temp:22.1°C;Humi:44.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25042820\FCC ABOVE1G BLE L\13
Memo: Left side Sample Number:S25042820-018



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	2373.370	19.71	27.19	3.56	0.00	50.46	74.00	23.54	PK	Horizontal
2	2390.000	16.37	27.26	3.57	0.00	47.20	74.00	26.80	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:

2025-07-17

Tested By:

Nan Zhong

EUT:

Vonder AI Smart Glasses

Model Number:

V1253

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

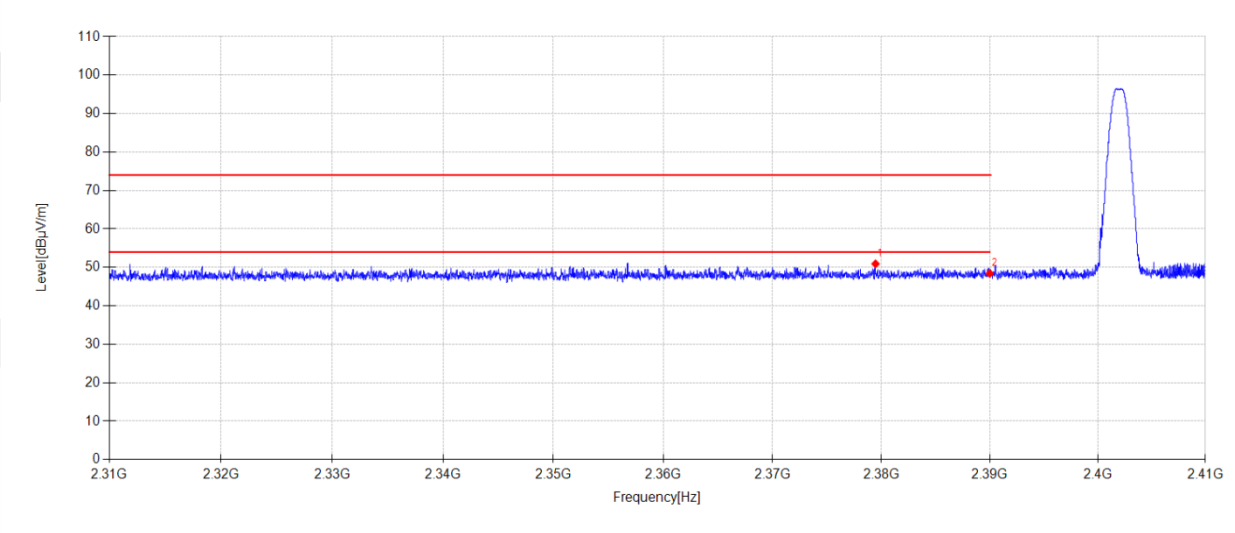
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25042820\FCC ABOVE1G BLE L\14

Memo:

Left side Sample Number:S25042820-018



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	2379.460	20.13	27.22	3.56	0.00	50.91	74.00	23.09	PK	Vertical
2	2390.000	17.58	27.26	3.57	0.00	48.41	74.00	25.59	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:

2025-07-17

Tested By:

Nan Zhong

EUT:

Vonder AI Smart Glasses

Model Number:

V1253

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

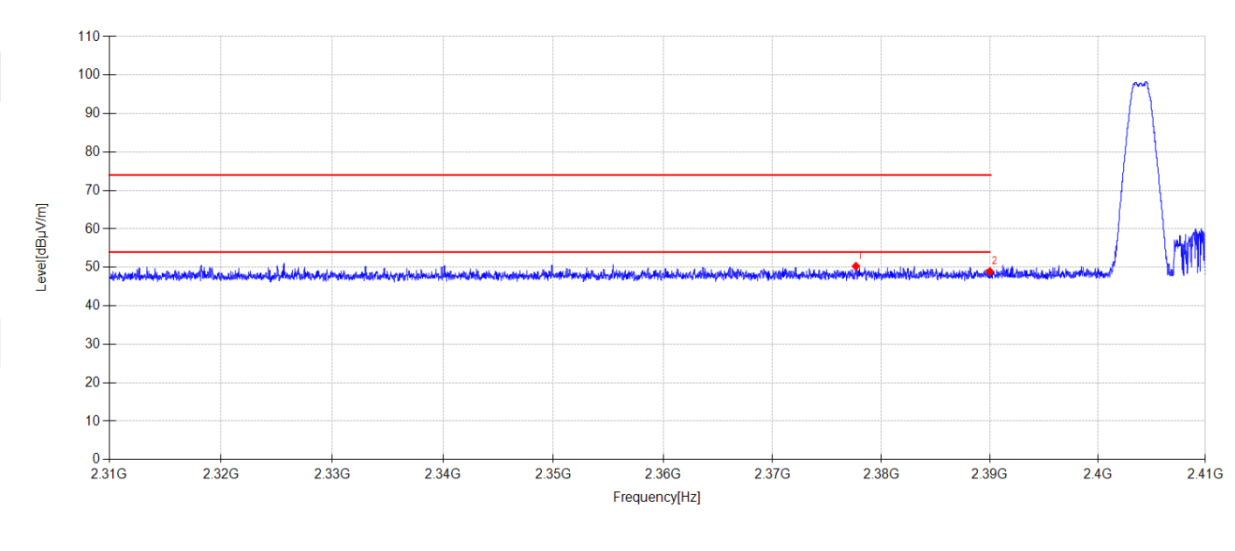
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25042820\FCC ABOVE1G BLE L\15

Memo:

Left side Sample Number:S25042820-018



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	2377.660	19.53	27.21	3.56	0.00	50.30	74.00	23.70	PK	Horizontal
2	2390.000	18.10	27.26	3.57	0.00	48.93	74.00	25.07	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:

2025-07-17

Tested By:

Nan Zhong

EUT:

Vonder AI Smart Glasses

Model Number:

V1253

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

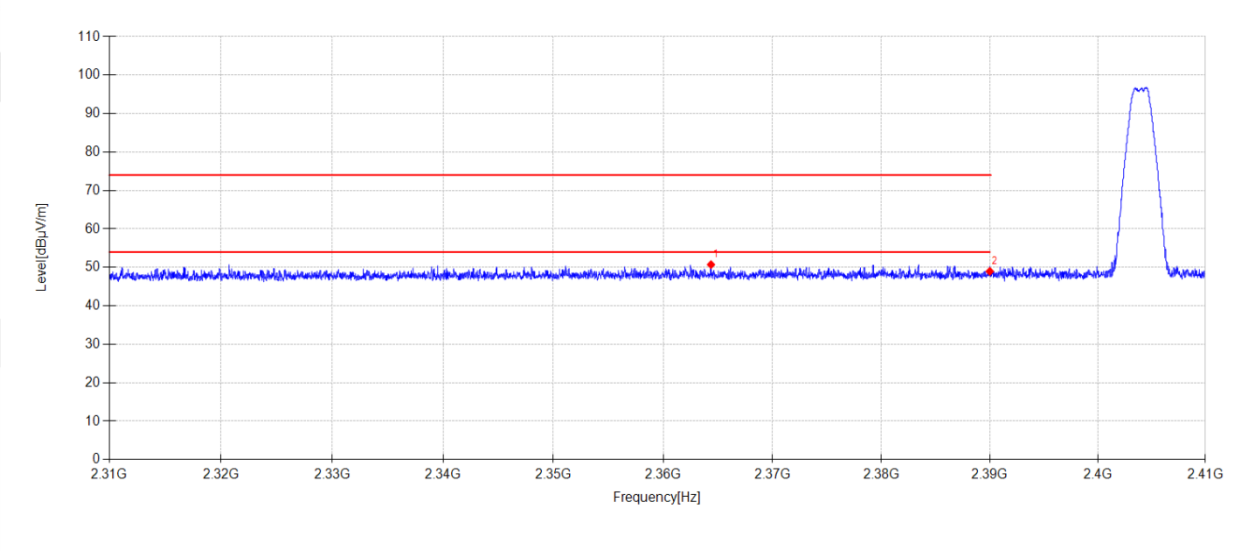
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25042820\FCC ABOVE1G BLE L\16

Memo:

Left side Sample Number:S25042820-018



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	2364.370	20.01	27.16	3.55	0.00	50.72	74.00	23.28	PK	Vertical
2	2390.000	18.13	27.26	3.57	0.00	48.96	74.00	25.04	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:

2025-07-17

Tested By:

Nan Zhong

EUT:

Vonder AI Smart Glasses

Model Number:

V1253

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

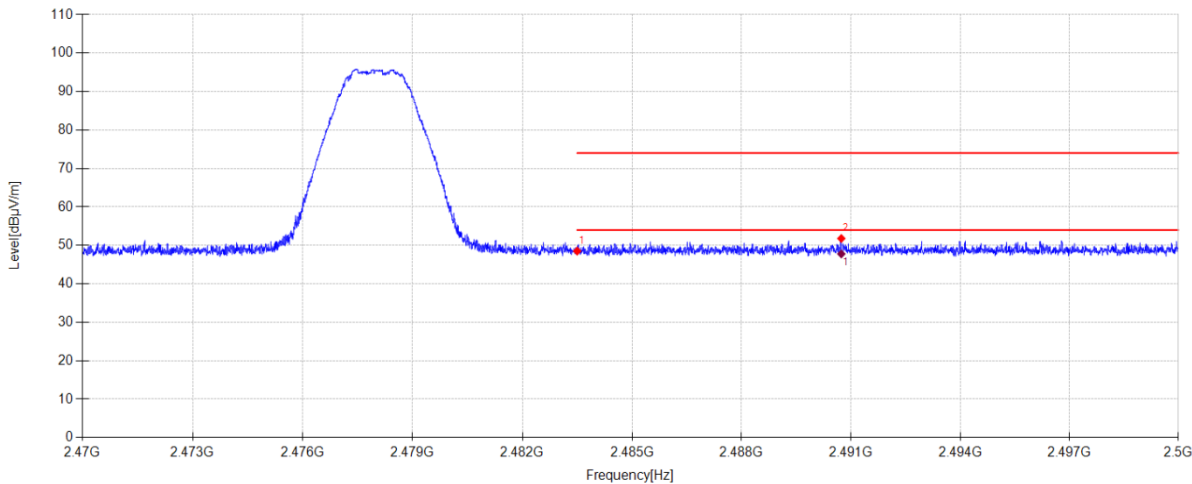
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25042820\FCC ABOVE1G BLE L\17

Memo:

Left side Sample Number:S25042820-018



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	17.37	27.53	3.62	0.00	48.52	74.00	25.48	PK	Horizontal
2	2490.736	20.61	27.56	3.62	0.00	51.79	74.00	22.21	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	2490.736	16.59	27.56	3.62	47.77	54.00	6.23	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:

2025-07-17

Tested By:

Nan Zhong

EUT:

Vonder AI Smart Glasses

Model Number:

V1253

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

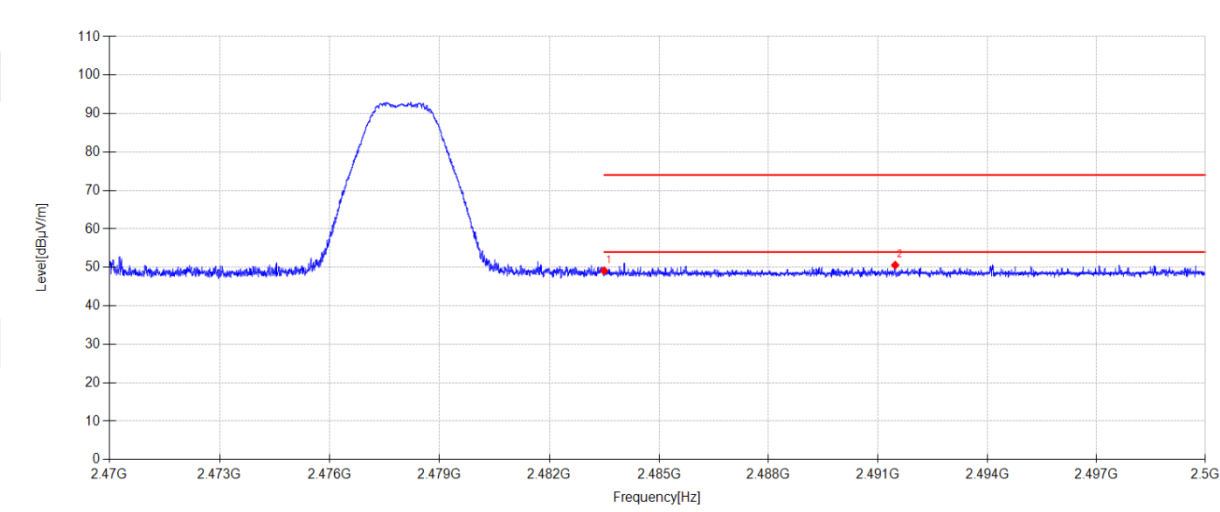
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25042820\FCC ABOVE1G BLE L\18

Memo:

Left side Sample Number:S25042820-018



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	17.98	27.53	3.62	0.00	49.13	74.00	24.87	PK	Vertical
2	2491.474	19.39	27.57	3.63	0.00	50.59	74.00	23.41	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:

2025-07-17

Tested By:

Nan Zhong

EUT:

Vonder AI Smart Glasses

Model Number:

V1253

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

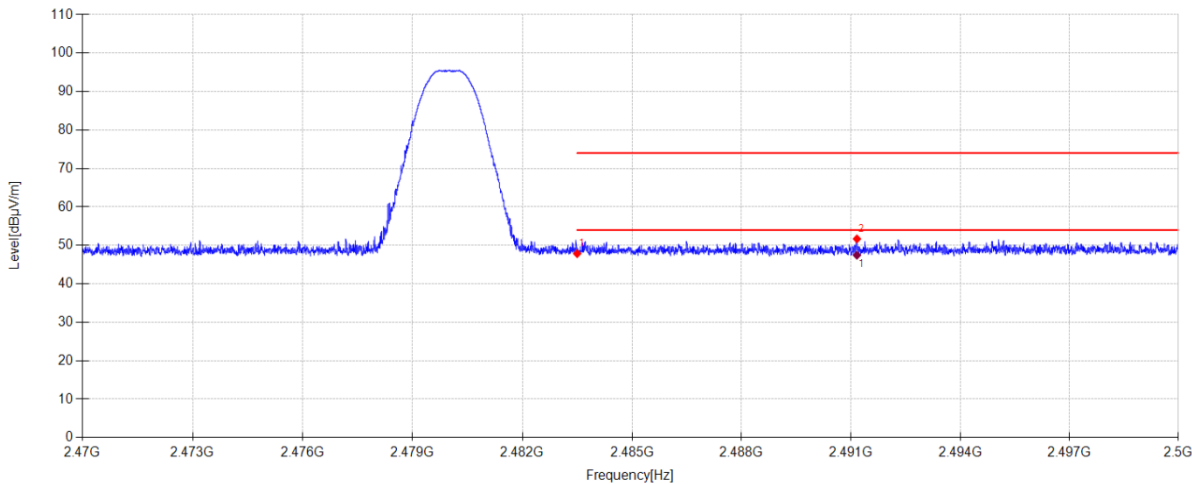
DDT 3# Chamber

File Path:

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Memo:

Left side Sample Number:S25042820-018



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	16.70	27.53	3.62	0.00	47.85	74.00	26.15	PK	Horizontal
2	2491.165	20.50	27.56	3.63	0.00	51.69	74.00	22.31	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	2491.165	16.24	27.56	3.63	47.43	54.00	6.57	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:

2025-07-17

Tested By:

Nan Zhong

EUT:

Vonder AI Smart Glasses

Model Number:

V1253

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

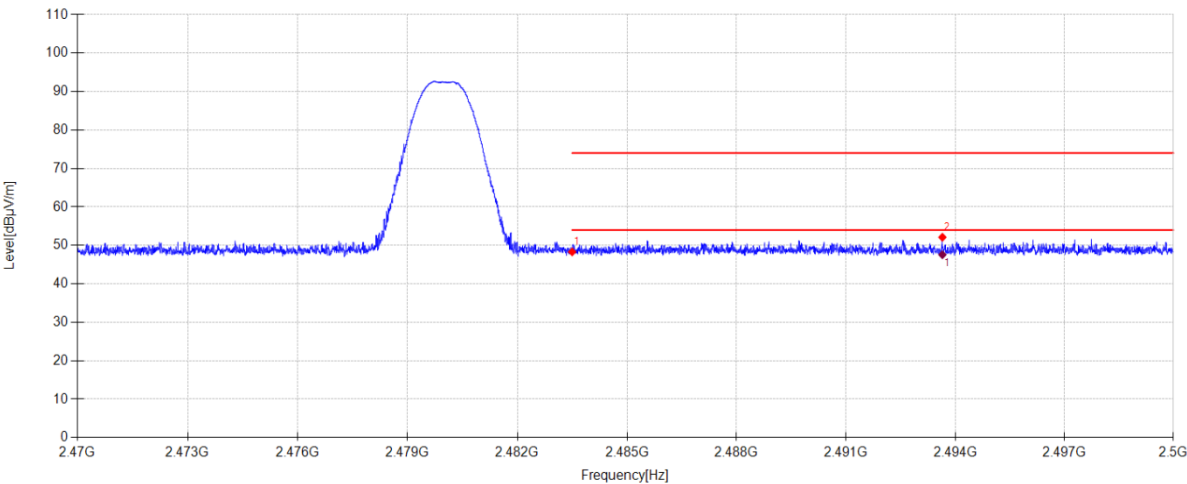
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25042820\FCC ABOVE1G BLE L\20

Memo:

Left side Sample Number:S25042820-018



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	17.16	27.53	3.62	0.00	48.31	74.00	25.69	PK	Vertical
2	2493.649	20.92	27.57	3.63	0.00	52.12	74.00	21.88	PK	Vertical

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	2493.649	16.37	27.57	3.63	47.57	54.00	6.43	AV	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:

2025-07-17

Tested By:

Nan Zhong

EUT:

Vonder AI Smart Glasses

Model Number:

V1253

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

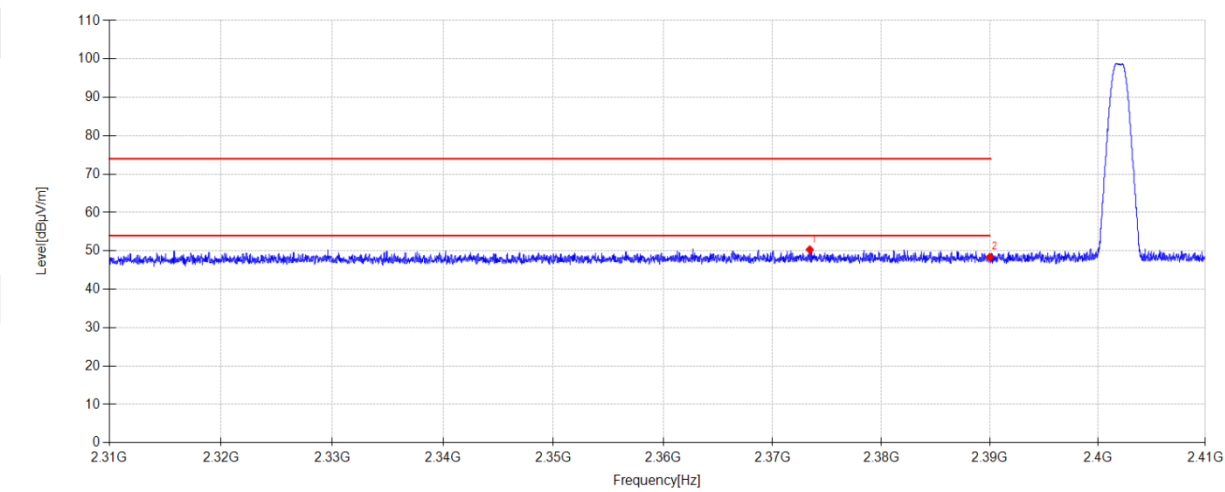
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25042820\FCC ABOVE 1G BLE_R\13

Memo:

Right side Sample Number:S25042820-018



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	2373.420	19.59	27.19	3.56	0.00	50.34	74.00	23.66	PK	Horizontal
2	2390.000	17.56	27.26	3.57	0.00	48.39	74.00	25.61	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:

2025-07-17

Tested By:

Nan Zhong

EUT:

Vonder AI Smart Glasses

Model Number:

V1253

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

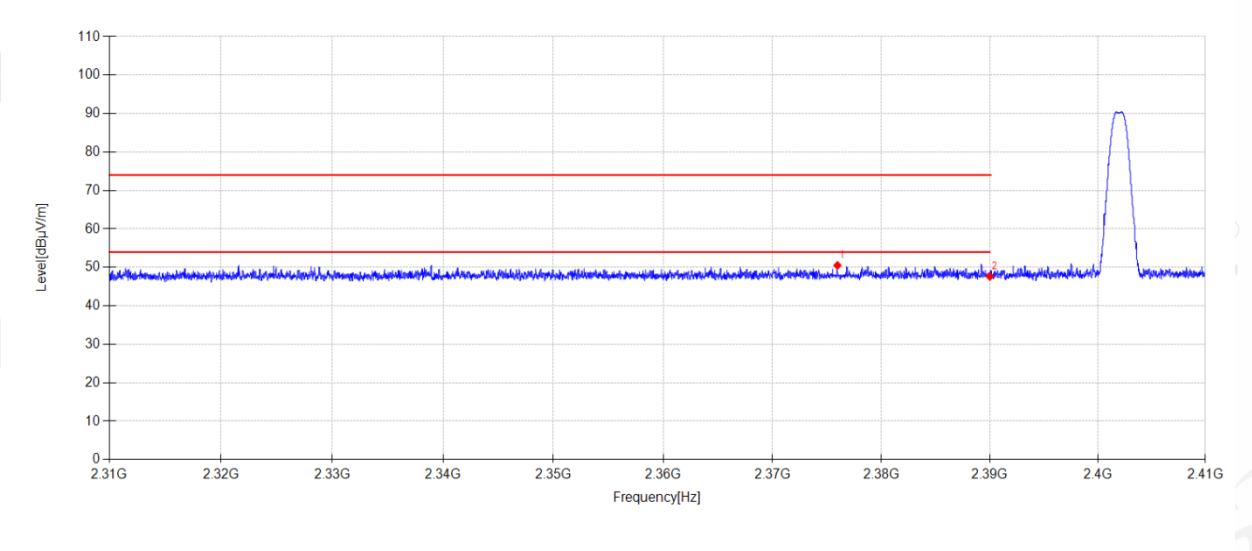
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25042820\FCC ABOVE 1G BLE_R\14

Memo:

Right side Sample Number:S25042820-018



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	2375.960	19.75	27.20	3.56	0.00	50.51	74.00	23.49	PK	Vertical
2	2390.000	16.81	27.26	3.57	0.00	47.64	74.00	26.36	PK	Vertical

Note:

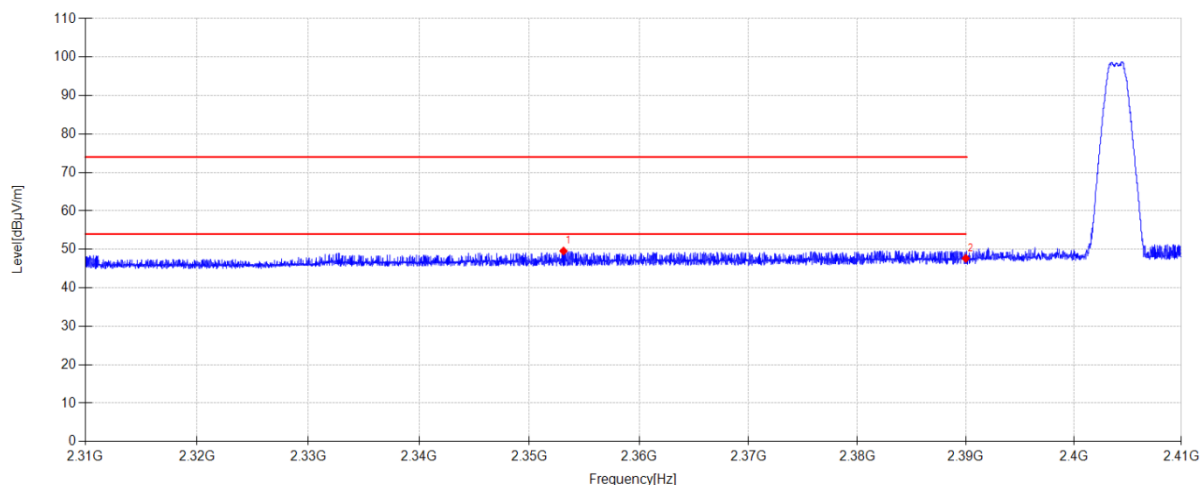
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2025-07-17 **Tested By:** Nan Zhong
EUT: Vonder AI Smart Glasses **Model Number:** V1253
Test Mode: TX BLE2M 2404MHz Mode **Power Supply:** Battery
Condition: Temp:22.1°C;Humi:44.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25042820\FCC ABOVE 1G BLE_R\21
Memo: Sample Number:S25042820-018

**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	2353.110	18.91	27.11	3.55	0.00	49.57	74.00	24.43	PK	Horizontal
2	2390.000	16.83	27.26	3.57	0.00	47.66	74.00	26.34	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:

2025-07-17

Tested By:

Nan Zhong

EUT:

Vonder AI Smart Glasses

Model Number:

V1253

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

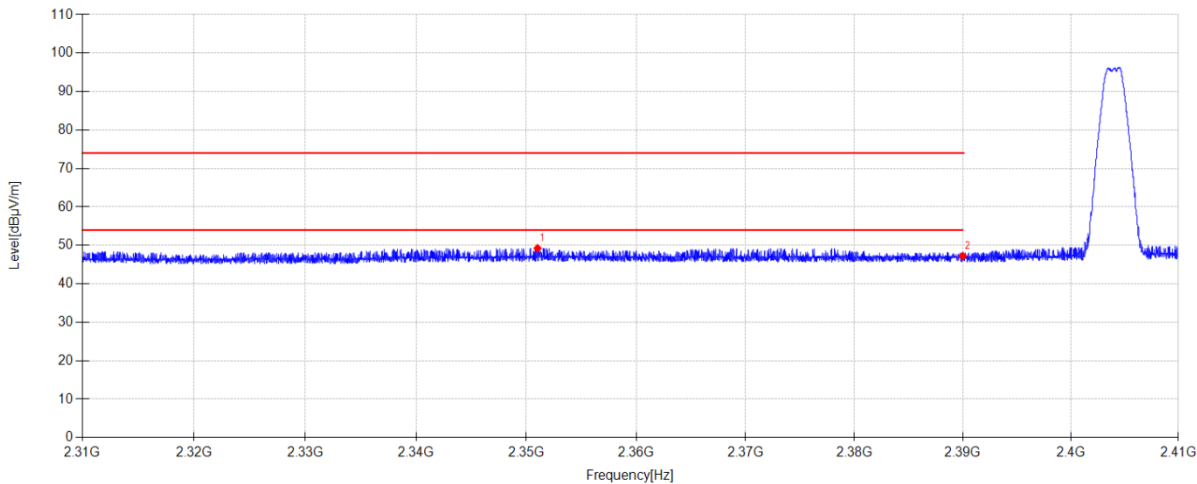
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25042820\FCC ABOVE 1G BLE_R\22

Memo:

Sample Number:S25042820-018



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	2351.020	18.59	27.10	3.55	0.00	49.24	74.00	24.76	PK	Vertical
2	2390.000	16.38	27.26	3.57	0.00	47.21	74.00	26.79	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:

2025-07-17

Tested By:

Nan Zhong

EUT:

Vonder AI Smart Glasses

Model Number:

V1253

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

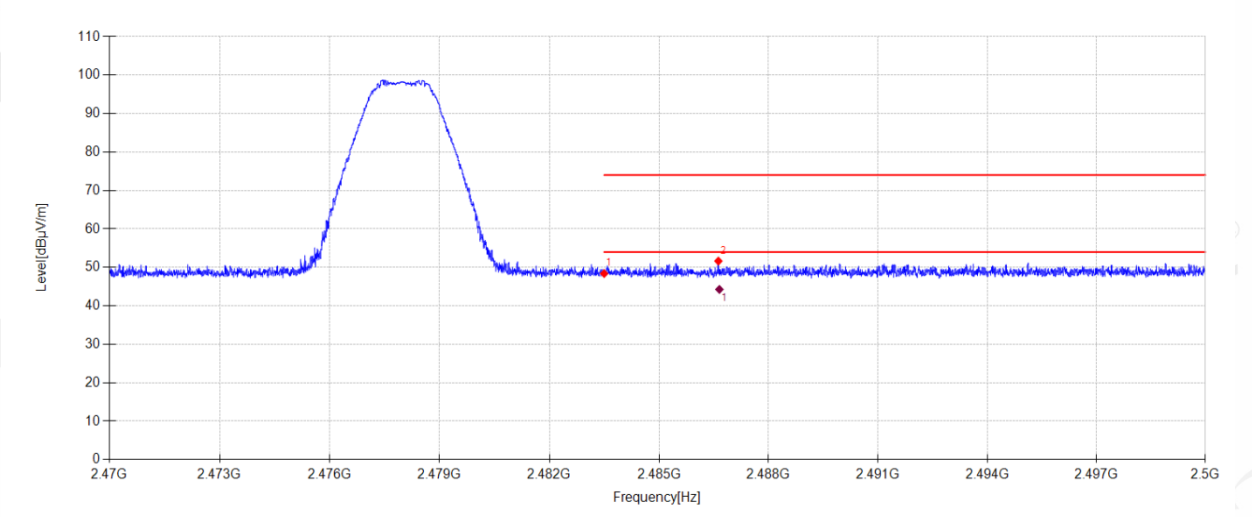
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25042820\FCC ABOVE 1G BLE_R\17

Memo:

Right side Sample Number:S25042820-018



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	17.24	27.53	3.62	0.00	48.39	74.00	25.61	PK	Horizontal
2	2486.626	20.48	27.55	3.62	0.00	51.65	74.00	22.35	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	2486.654	13.11	27.55	3.62	44.28	54.00	9.72	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:

2025-07-17

Tested By:

Nan Zhong

EUT:

Vonder AI Smart Glasses

Model Number:

V1253

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

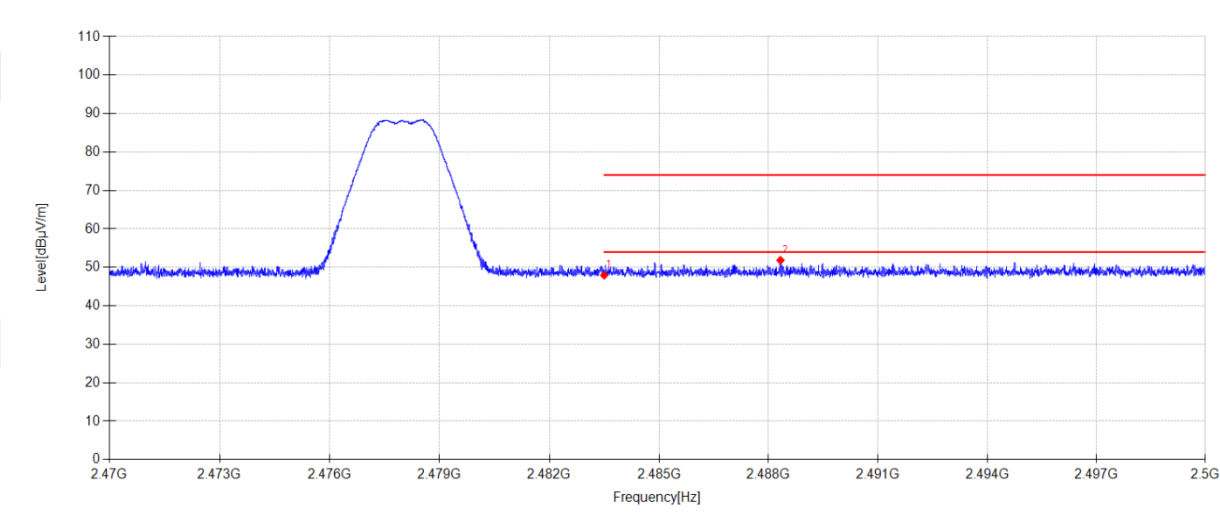
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25042820\FCC ABOVE 1G BLE_R\18

Memo:

Right side Sample Number:S25042820-018



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	16.79	27.53	3.62	0.00	47.94	74.00	26.06	PK	Vertical
2	2488.327	20.68	27.55	3.62	0.00	51.85	74.00	22.15	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:

2025-07-17

Tested By:

Nan Zhong

EUT:

Vonder AI Smart Glasses

Model Number:

V1253

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

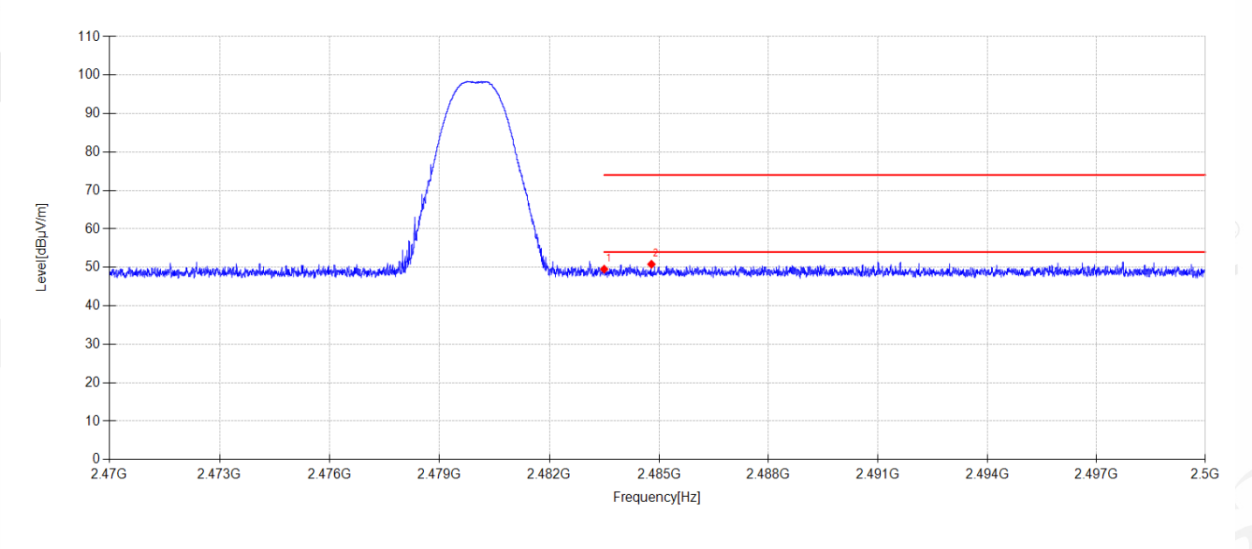
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25042820\FCC ABOVE 1G BLE_R\19

Memo:

Right side Sample Number:S25042820-018



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	18.39	27.53	3.62	0.00	49.54	74.00	24.46	PK	Horizontal
2	2484.793	19.66	27.54	3.62	0.00	50.82	74.00	23.18	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:

2025-07-17

Tested By:

Nan Zhong

EUT:

Vonder AI Smart Glasses

Model Number:

V1253

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

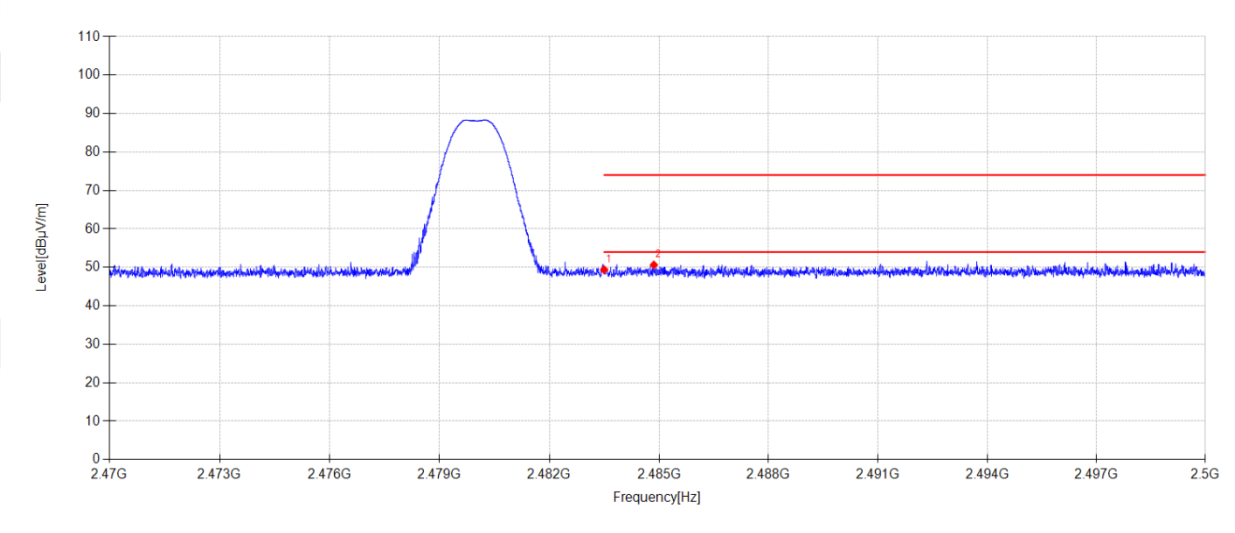
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25042820\FCC ABOVE 1G BLE_R\20

Memo:

Right side Sample Number:S25042820-018



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	18.26	27.53	3.62	0.00	49.41	74.00	24.59	PK	Vertical
2	2484.859	19.48	27.54	3.62	0.00	50.64	74.00	23.36	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.

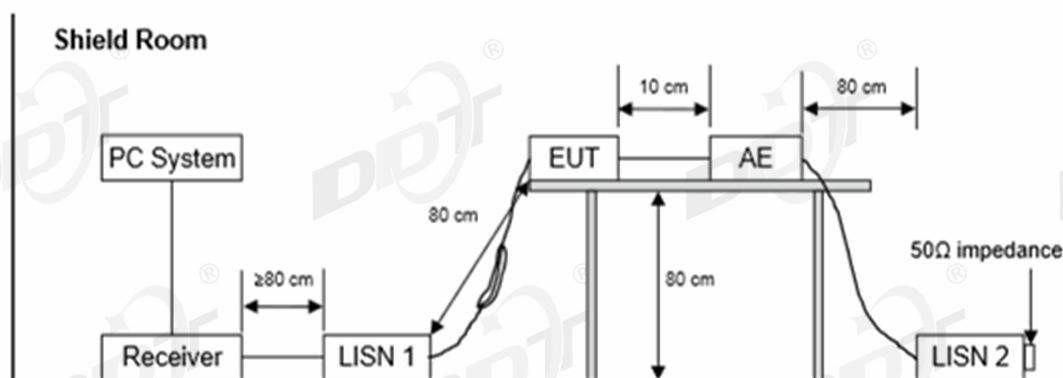
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Power Line Conducted Emissions

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
EMI Test Receiver	R&S	ESCI 3	DDT-ZC01972	2026/03/28
Two Line V-Network	R&S	ENV216	DDT-ZC00586	2026/07/06
Pulse Limiter	R&S	KH43101	DDT-ZC00747	2026/03/28
Coaxial signal signal cable	H&S	RG214-5	DDT-ZC01817	2026/03/28
Conducted Radiated Software	Audix	E3	DDT-ZC00562	/
Two Line V-Network	R&S	ENV216	DDT-ZC02058	2026/07/06

14.2. Block diagram of test setup



14.3. Limits

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

14.4. Assistant equipment used for test

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

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.

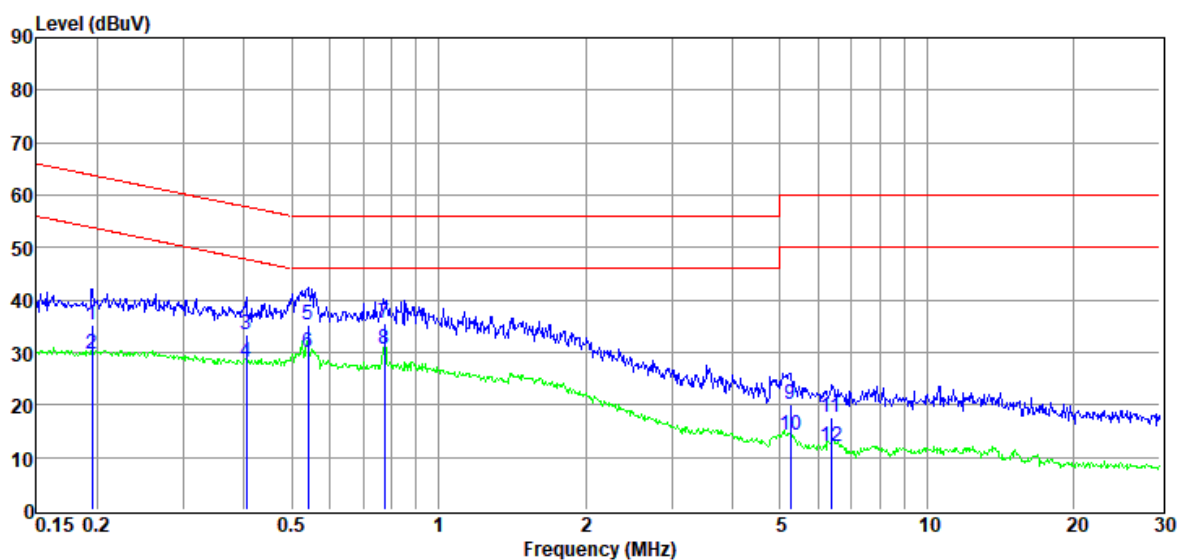
Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

14.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 5# Shield Room D:\2025 report data\Q25042820-1E\EM6.EM6
Test Date : 2025-07-22 Tested By : Nan Zhong
EUT : Vonder AI Smart Glasses Model Number : V1253
Power Supply : AC 120V/60Hz Test Mode : TX BLE1M Mode
Condition : Temp:21.3°C,Humi:42.8% LISN : 2023 ENV216 2#/LINE
Memo : S25042820-009

Data: 6



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.20	15.12	9.93	0.09	10.06	35.20	63.80	-28.60	QP	LINE
2	0.20	9.55	9.93	0.09	10.06	29.63	53.80	-24.17	Average	LINE
3	0.40	13.23	10.01	0.10	10.07	33.41	57.77	-24.36	QP	LINE
4	0.40	8.10	10.01	0.10	10.07	28.28	47.77	-19.49	Average	LINE
5	0.54	15.23	9.96	0.10	10.07	35.36	56.00	-20.64	QP	LINE
6	0.54	10.00	9.96	0.10	10.07	30.13	46.00	-15.87	Average	LINE
7	0.78	15.57	9.97	0.10	10.06	35.70	56.00	-20.30	QP	LINE
8	0.78	10.58	9.97	0.10	10.06	30.71	46.00	-15.29	Average	LINE
9	5.25	-0.14	9.89	0.20	10.06	20.01	60.00	-39.99	QP	LINE
10	5.25	-5.77	9.89	0.20	10.06	14.38	50.00	-35.62	Average	LINE
11	6.35	-2.54	9.90	0.21	10.06	17.63	60.00	-42.37	QP	LINE
12	6.35	-8.00	9.90	0.21	10.06	12.17	50.00	-37.83	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

D:\2025 report data\Q25042820-1E\EM6.EM6

Test Date : 2025-07-22

Tested By : Nan Zhong

EUT : Vonder AI Smart Glasses

Model Number : V1253

Power Supply : AC 120V/60Hz

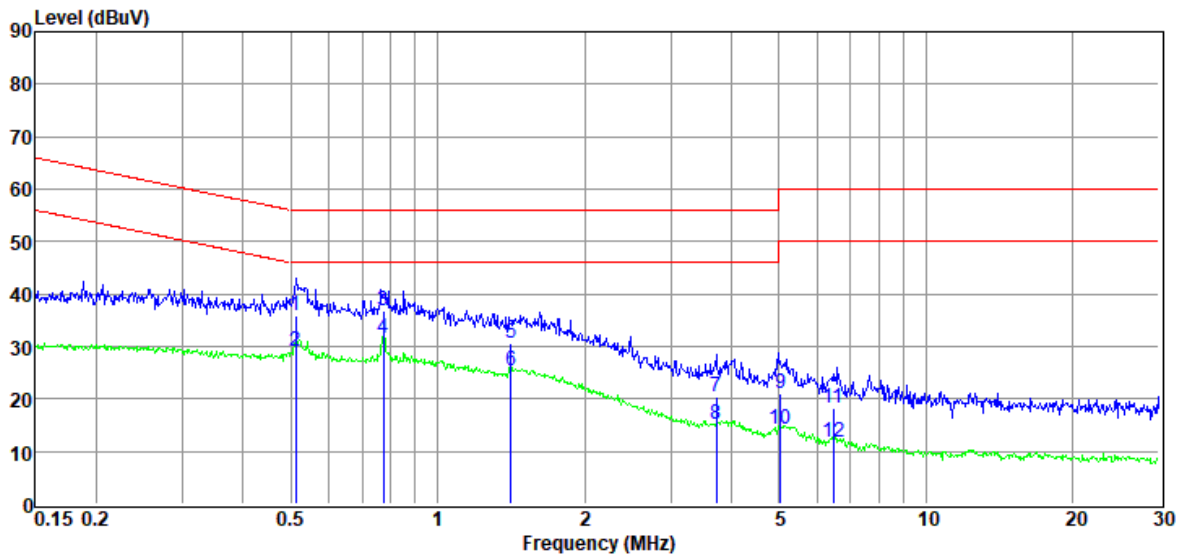
Test Mode : TX BLE1M Mode

Condition : Temp:21.3°C,Humi:42.8%

LISN : 2023 ENV216 2#/NEUTRAL

Memo : S25042820-009

Data: 8



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV)	(dBuV)	(dB)		
1	0.51	15.63	9.97	0.10	10.07	35.77	56.00	-20.23	QP	NEUTRAL
2	0.51	9.09	9.97	0.10	10.07	29.23	46.00	-16.77	Average	NEUTRAL
3	0.78	16.59	9.97	0.10	10.06	36.72	56.00	-19.28	QP	NEUTRAL
4	0.78	11.34	9.97	0.10	10.06	31.47	46.00	-14.53	Average	NEUTRAL
5	1.41	10.52	9.97	0.13	10.05	30.67	56.00	-25.33	QP	NEUTRAL
6	1.41	5.26	9.97	0.13	10.05	25.41	46.00	-20.59	Average	NEUTRAL
7	3.72	0.19	10.06	0.18	10.06	20.49	56.00	-35.51	QP	NEUTRAL
8	3.72	-5.27	10.06	0.18	10.06	15.03	46.00	-30.97	Average	NEUTRAL
9	5.03	0.71	9.97	0.19	10.06	20.93	60.00	-39.07	QP	NEUTRAL
10	5.03	-5.91	9.97	0.19	10.06	14.31	50.00	-35.69	Average	NEUTRAL
11	6.45	-2.09	10.01	0.21	10.06	18.19	60.00	-41.81	QP	NEUTRAL
12	6.45	-8.44	10.01	0.21	10.06	11.84	50.00	-38.16	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:\2025 report data\Q25042820-1E\EM6.EM6

Test Date : 2025-07-22

Tested By : Nan Zhong

EUT : Vonder AI Smart Glasses

Model Number : V1253

Power Supply : AC 120V/60Hz

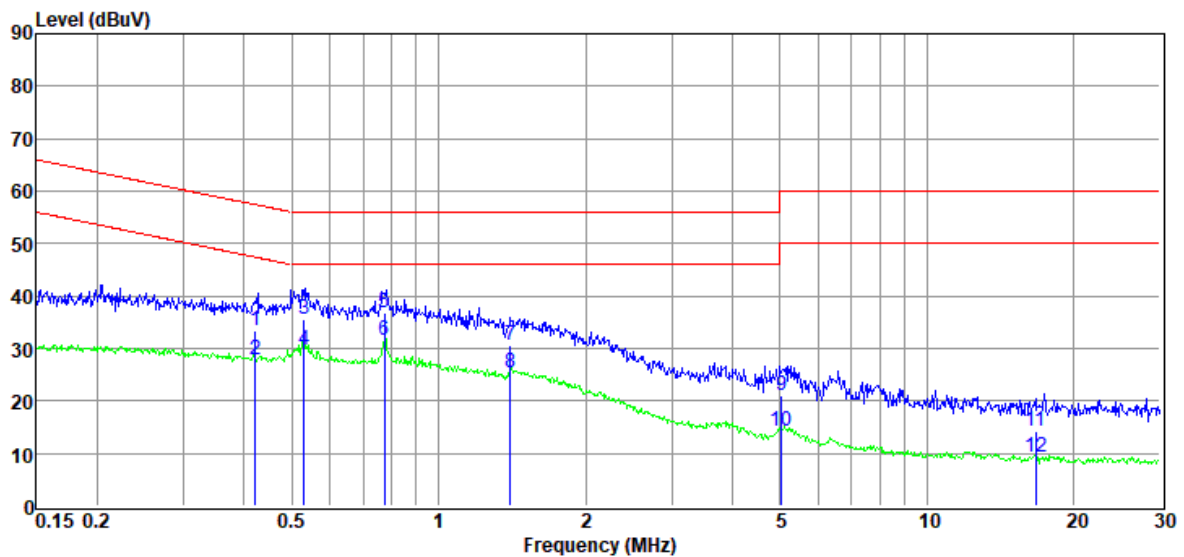
Test Mode : TX BLE2M Mode

Condition : Temp:21.3°C,Humi:42.8%

LISN : 2023 ENV216 2##/NEUTRAL

Memo : S25042820-009

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	0.42	13.15	10.01	0.10	10.07	33.33	57.42	-24.09	QP	NEUTRAL
2	0.42	7.80	10.01	0.10	10.07	27.98	47.42	-19.44	Average	NEUTRAL
3	0.53	15.48	9.98	0.10	10.07	35.63	56.00	-20.37	QP	NEUTRAL
4	0.53	9.54	9.98	0.10	10.07	29.69	46.00	-16.31	Average	NEUTRAL
5	0.78	16.62	9.97	0.10	10.06	36.75	56.00	-19.25	QP	NEUTRAL
6	0.78	11.34	9.97	0.10	10.06	31.47	46.00	-14.53	Average	NEUTRAL
7	1.40	10.56	9.97	0.13	10.05	30.71	56.00	-25.29	QP	NEUTRAL
8	1.40	5.32	9.97	0.13	10.05	25.47	46.00	-20.53	Average	NEUTRAL
9	5.03	0.75	9.97	0.19	10.06	20.97	60.00	-39.03	QP	NEUTRAL
10	5.03	-5.96	9.97	0.19	10.06	14.26	50.00	-35.74	Average	NEUTRAL
11	16.66	-6.22	10.01	0.32	10.06	14.17	60.00	-45.83	QP	NEUTRAL
12	16.66	-11.08	10.01	0.32	10.06	9.31	50.00	-40.69	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:\2025 report data\Q25042820-1\EM6.EM6

Test Date : 2025-07-22

Tested By : Nan Zhong

EUT : Vonder AI Smart Glasses

Model Number : V1253

Power Supply : AC 120V/60Hz

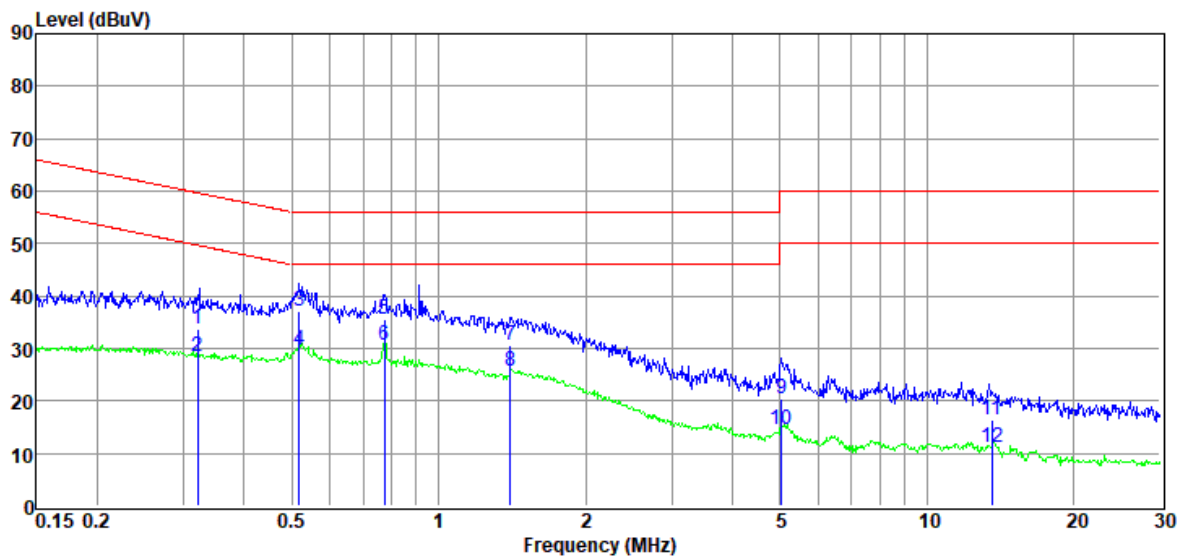
Test Mode : TX BLE2M Mode

Condition : Temp:21.3°C,Humi:42.8%

LISN : 2023 ENV216 2#/LINE

Memo : S25042820-009

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	0.32	13.70	9.88	0.09	10.07	33.74	59.66	-25.92	QP	LINE
2	0.32	8.38	9.88	0.09	10.07	28.42	49.66	-21.24	Average	LINE
3	0.52	17.01	9.98	0.10	10.07	37.16	56.00	-18.84	QP	LINE
4	0.52	9.63	9.98	0.10	10.07	29.78	46.00	-16.22	Average	LINE
5	0.78	15.47	9.97	0.10	10.06	35.60	56.00	-20.40	QP	LINE
6	0.78	10.63	9.97	0.10	10.06	30.76	46.00	-15.24	Average	LINE
7	1.40	10.46	9.99	0.13	10.05	30.63	56.00	-25.37	QP	LINE
8	1.40	5.37	9.99	0.13	10.05	25.54	46.00	-20.46	Average	LINE
9	5.03	0.13	9.89	0.19	10.06	20.27	60.00	-39.73	QP	LINE
10	5.03	-5.66	9.89	0.19	10.06	14.48	50.00	-35.52	Average	LINE
11	13.55	-3.89	10.03	0.29	10.06	16.49	60.00	-43.51	QP	LINE
12	13.55	-9.18	10.03	0.29	10.06	11.20	50.00	-38.80	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-Q25042820-2E appendix I

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