

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-19

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX AC20 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

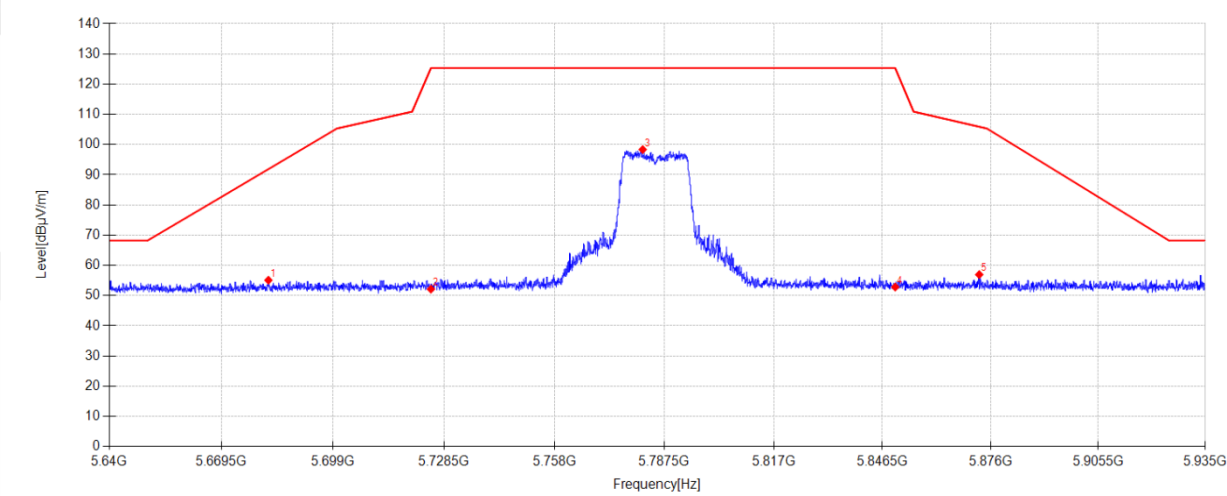
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\21

Memo:

Sample Number:S25061119-002



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	5681.890	45.53	33.53	5.63	-29.60	55.09	91.86	36.77	PK	Horizontal
2	5725.000	42.32	33.75	5.66	-29.60	52.13	125.30	73.17	PK	Horizontal
3	5781.689	88.15	34.09	5.70	-29.60	98.34	125.30	26.96	PK	Horizontal
4	5850.000	42.69	34.00	5.74	-29.60	52.83	125.30	72.47	PK	Horizontal
5	5872.903	46.73	34.05	5.76	-29.60	56.94	105.89	48.95	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-19

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX AC20 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

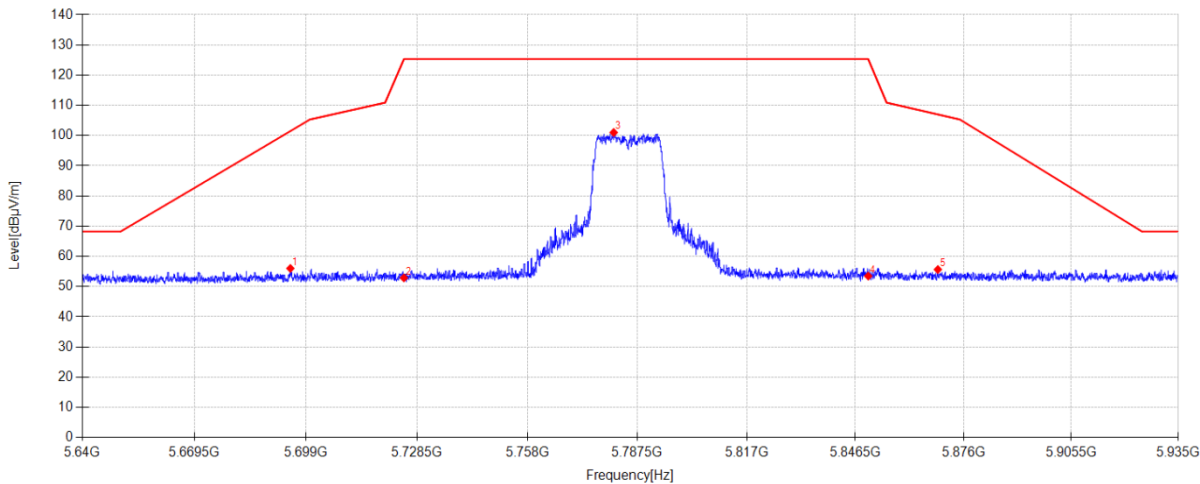
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\22

Memo:

Sample Number:S25061119-002



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	5694.841	46.40	33.58	5.64	-29.60	56.02	101.47	45.45	PK	Vertical
2	5725.000	43.07	33.75	5.66	-29.60	52.88	125.30	72.42	PK	Vertical
3	5781.158	90.82	34.09	5.70	-29.60	101.01	125.30	24.29	PK	Vertical
4	5850.000	43.34	34.00	5.74	-29.60	53.48	125.30	71.82	PK	Vertical
5	5868.979	45.46	34.04	5.75	-29.60	55.65	106.99	51.34	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:

2025-07-19

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX AC20 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

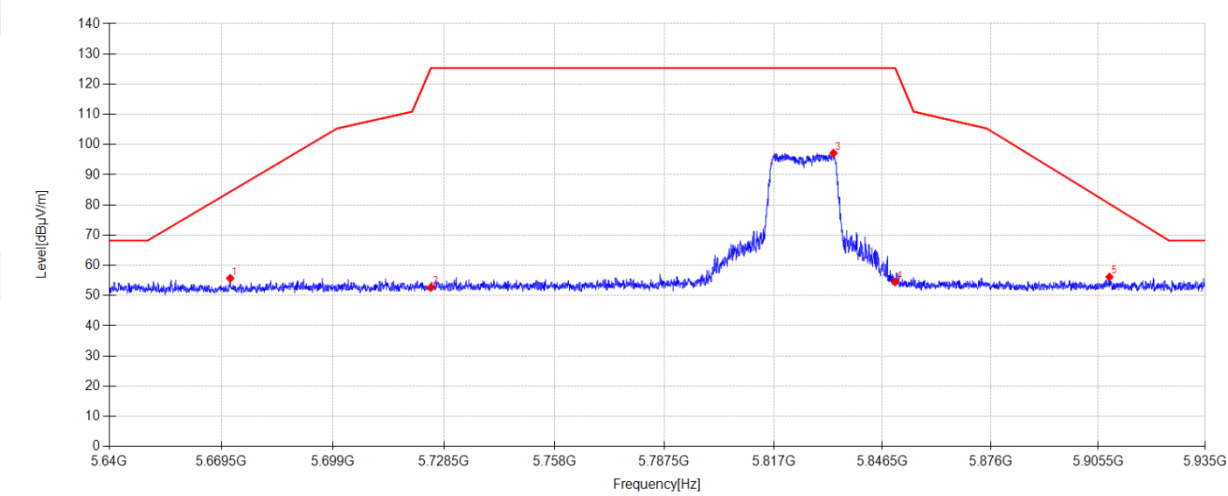
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\23

Memo:

Sample Number:S25061119-002



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	5671.801	46.21	33.49	5.62	-29.60	55.72	84.38	28.66	PK	Horizontal
2	5725.000	42.88	33.75	5.66	-29.60	52.69	125.30	72.61	PK	Horizontal
3	5833.225	86.97	34.07	5.73	-29.60	97.17	125.30	28.13	PK	Horizontal
4	5850.000	44.36	34.00	5.74	-29.60	54.50	125.30	70.80	PK	Horizontal
5	5908.598	45.85	34.12	5.78	-29.60	56.15	80.37	24.22	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-19

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX AC20 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

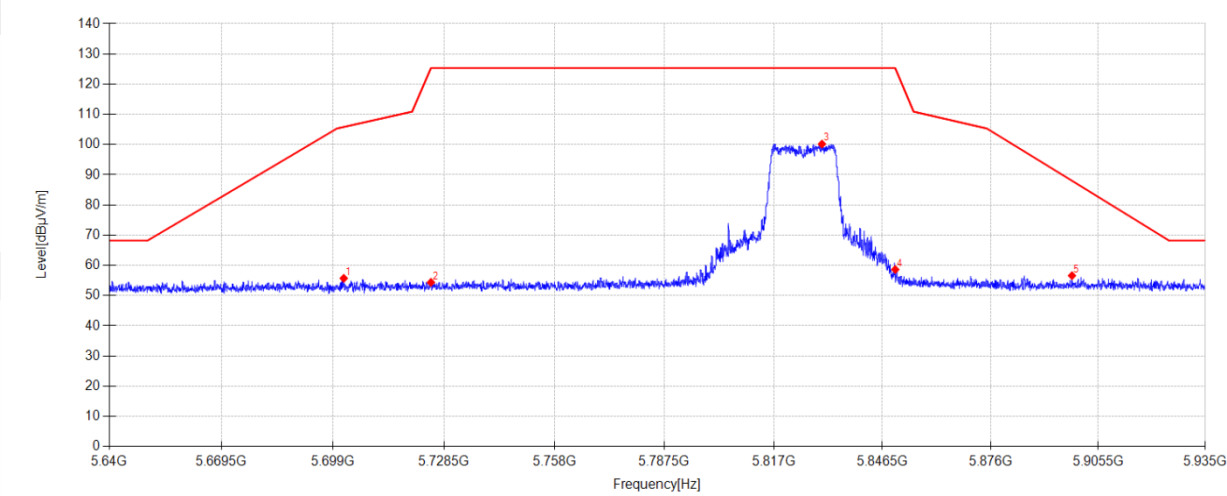
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\24

Memo:

Sample Number:S25061119-002



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	5701.832	46.06	33.61	5.64	-29.60	55.71	105.81	50.10	PK	Vertical
2	5725.000	44.55	33.75	5.66	-29.60	54.36	125.30	70.94	PK	Vertical
3	5830.098	89.96	34.08	5.73	-29.60	100.17	125.30	25.13	PK	Vertical
4	5850.000	48.49	34.00	5.74	-29.60	58.63	125.30	66.67	PK	Vertical
5	5898.302	46.33	34.10	5.77	-29.60	56.60	88.01	31.41	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:

2025-07-19

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX N40 5755MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

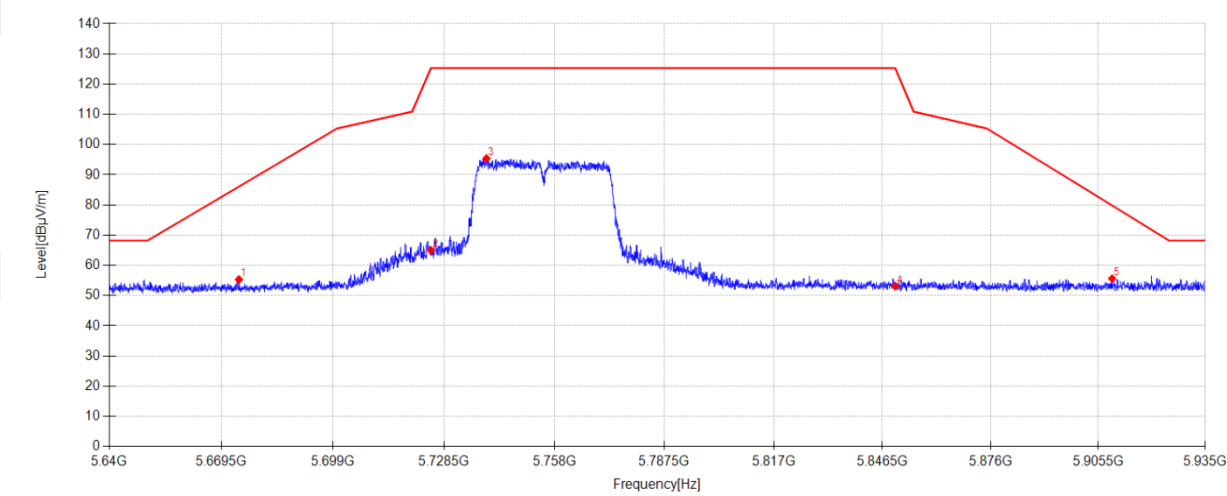
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\35

Memo:

Sample Number:S25061119-002



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	5674.102	45.79	33.50	5.62	-29.60	55.31	86.08	30.77	PK	Horizontal
2	5725.000	55.18	33.75	5.66	-29.60	64.99	125.30	60.31	PK	Horizontal
3	5739.828	85.47	33.84	5.67	-29.60	95.38	125.30	29.92	PK	Horizontal
4	5850.000	42.96	34.00	5.74	-29.60	53.10	125.30	72.20	PK	Horizontal
5	5909.335	45.31	34.12	5.78	-29.60	55.61	79.82	24.21	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-19

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX N40 5755MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

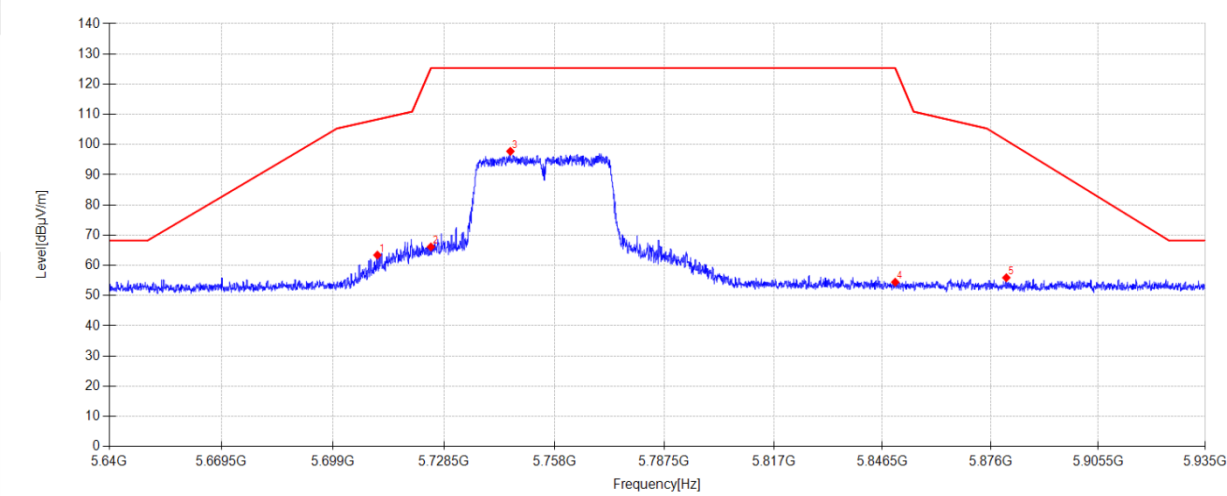
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\36

Memo:

Sample Number:S25061119-002



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	5710.771	53.69	33.66	5.65	-29.60	63.40	108.32	44.92	PK	Vertical
2	5725.000	56.29	33.75	5.66	-29.60	66.10	125.30	59.20	PK	Vertical
3	5746.200	87.81	33.88	5.67	-29.60	97.76	125.30	27.54	PK	Vertical
4	5850.000	44.30	34.00	5.74	-29.60	54.44	125.30	70.86	PK	Vertical
5	5880.307	45.70	34.06	5.76	-29.60	55.92	101.36	45.44	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:

2025-07-19

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX N40 5795MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

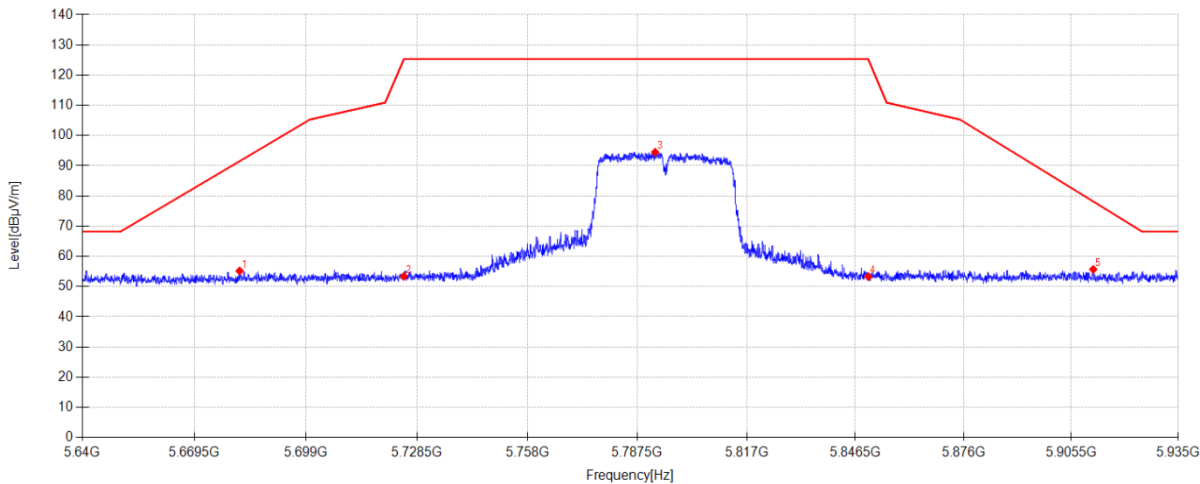
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\33

Memo:

Sample Number:S25061119-002



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	5681.418	45.60	33.53	5.63	-29.60	55.16	91.51	36.35	PK	Horizontal
2	5725.000	43.56	33.75	5.66	-29.60	53.37	125.30	71.93	PK	Horizontal
3	5792.309	84.23	34.15	5.70	-29.60	94.48	125.30	30.82	PK	Horizontal
4	5850.000	43.17	34.00	5.74	-29.60	53.31	125.30	71.99	PK	Horizontal
5	5911.548	45.39	34.12	5.78	-29.60	55.69	78.18	22.49	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:

2025-07-19

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX N40 5795MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

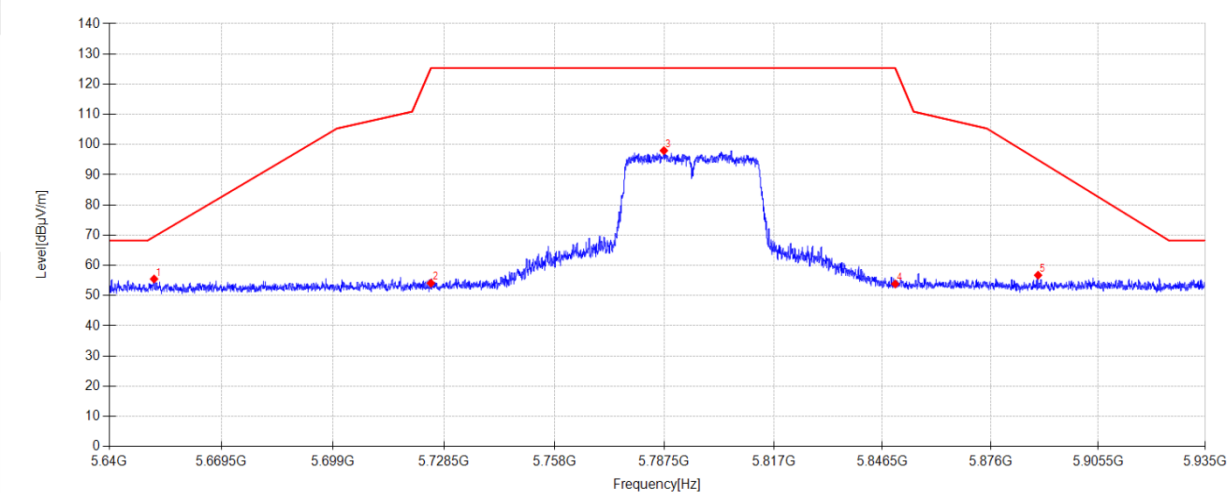
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\34

Memo:

Sample Number:S25061119-002



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	5651.741	46.07	33.41	5.61	-29.60	55.49	69.49	14.00	PK	Vertical
2	5725.000	44.30	33.75	5.66	-29.60	54.11	125.30	71.19	PK	Vertical
3	5787.382	87.77	34.12	5.70	-29.60	97.99	125.30	27.31	PK	Vertical
4	5850.000	43.69	34.00	5.74	-29.60	53.83	125.30	71.47	PK	Vertical
5	5889.010	46.49	34.08	5.77	-29.60	56.74	94.90	38.16	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-19

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX AX40 5755MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

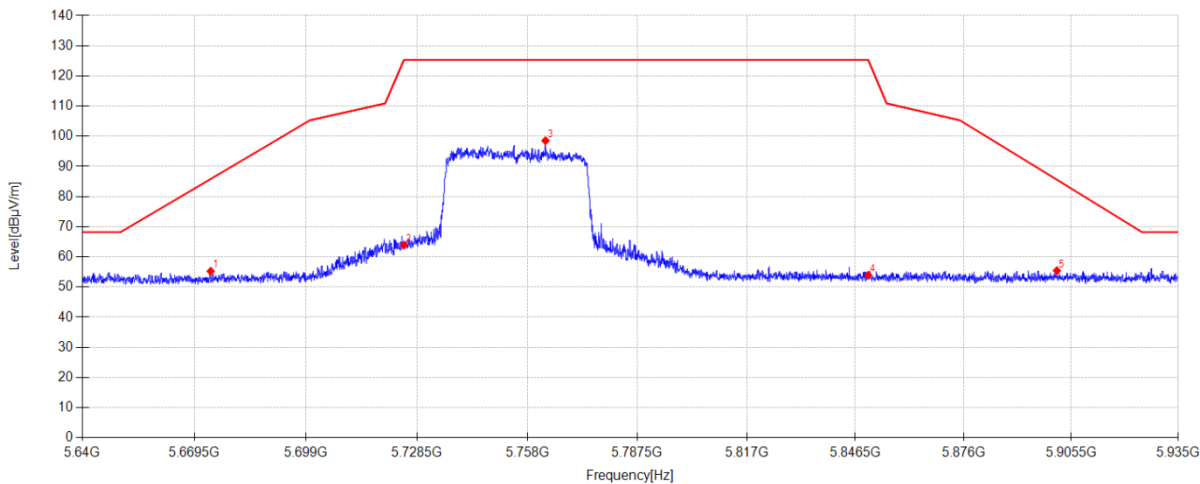
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2\FCC ABOVE1G 5.8G\29

Memo:

Sample Number:S25061119-002



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	5673.778	45.73	33.50	5.62	-29.60	55.25	85.84	30.59	PK	Horizontal
2	5725.000	54.10	33.75	5.66	-29.60	63.91	125.30	61.39	PK	Horizontal
3	5762.838	88.48	33.98	5.68	-29.60	98.54	125.30	26.76	PK	Horizontal
4	5850.000	43.80	34.00	5.74	-29.60	53.94	125.30	71.36	PK	Horizontal
5	5901.577	45.15	34.10	5.78	-29.60	55.43	85.58	30.15	PK	Horizontal

Note:

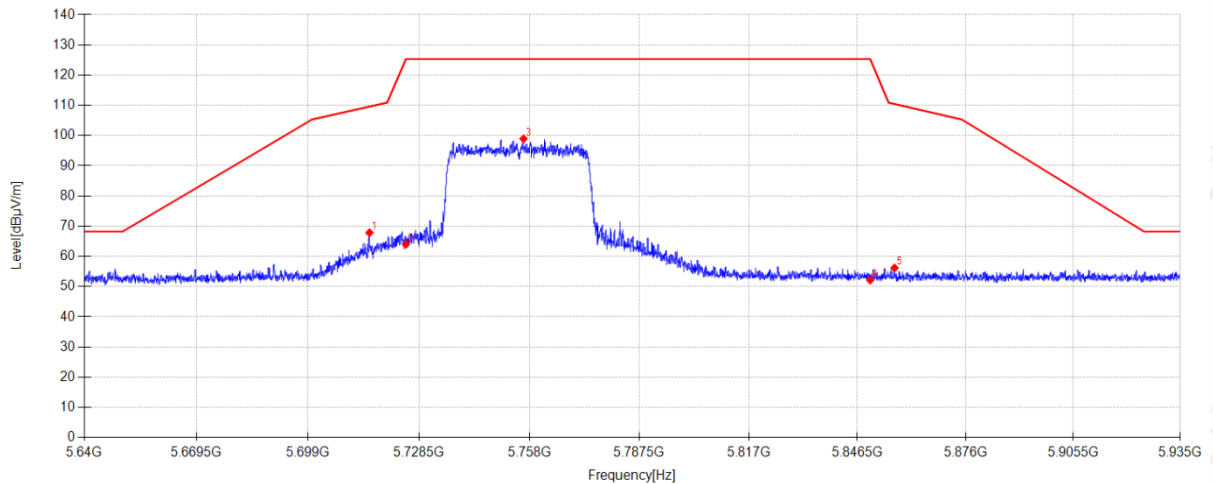
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2025-07-19 **Tested By:** Nan Zhong
EUT: DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA **Model Number:** IP3MCB1A
Test Mode: TX AX40 5755MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.8°C;Humi:57.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\30
Memo: Sample Number:S25061119-002

**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	5715.314	58.10	33.69	5.65	-29.60	67.84	109.59	41.75	PK	Vertical
2	5725.000	54.16	33.75	5.66	-29.60	63.97	125.30	61.33	PK	Vertical
3	5756.407	88.91	33.94	5.68	-29.60	98.93	125.30	26.37	PK	Vertical
4	5850.000	42.00	34.00	5.74	-29.60	52.14	125.30	73.16	PK	Vertical
5	5856.619	46.02	34.01	5.75	-29.60	56.18	110.45	54.27	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-19

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX AX40 5795MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

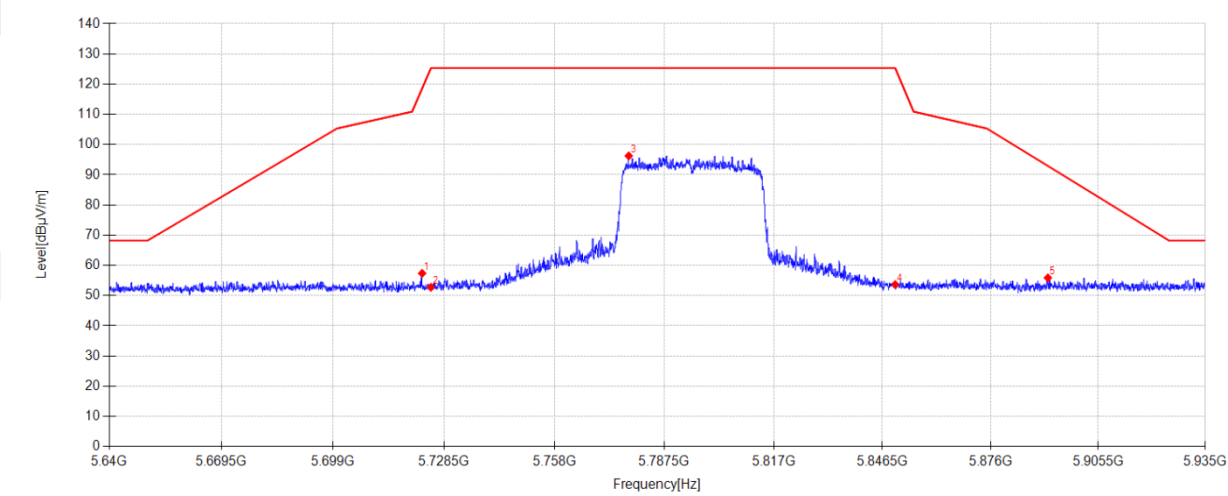
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\31

Memo:

Sample Number:S25061119-002



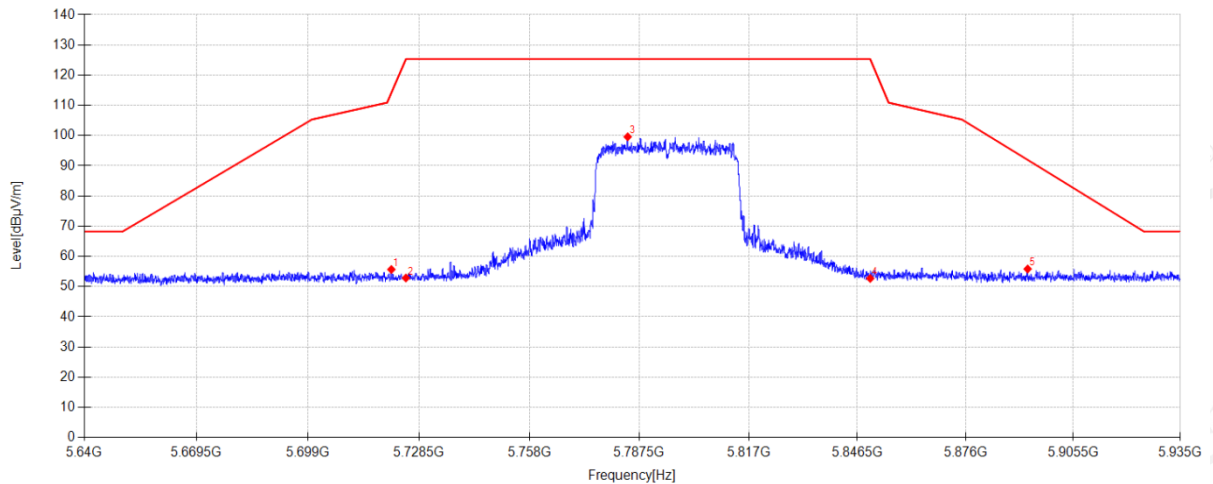
Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.659	47.56	33.74	5.66	-29.60	57.36	118.56	61.20	PK	Horizontal
2	5725.000	42.93	33.75	5.66	-29.60	52.74	125.30	72.56	PK	Horizontal
3	5777.942	86.09	34.07	5.69	-29.60	96.25	125.30	29.05	PK	Horizontal
4	5850.000	43.52	34.00	5.74	-29.60	53.66	125.30	71.64	PK	Horizontal
5	5891.694	45.62	34.08	5.77	-29.60	55.87	92.91	37.04	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-07-19 **Tested By:** Nan Zhong
EUT: DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA **Model Number:** IP3MCB1A
Test Mode: TX AX40 5795MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.8°C;Humi:57.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\32
Memo: Sample Number:S25061119-002



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	5721.125	45.86	33.73	5.66	-29.60	55.65	114.14	58.49	PK	Vertical
2	5725.000	43.03	33.75	5.66	-29.60	52.84	125.30	72.46	PK	Vertical
3	5784.373	89.37	34.11	5.70	-29.60	99.58	125.30	25.72	PK	Vertical
4	5850.000	42.55	34.00	5.74	-29.60	52.69	125.30	72.61	PK	Vertical
5	5892.992	45.56	34.09	5.77	-29.60	55.82	91.95	36.13	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:

2025-07-22

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX 11A 5720MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

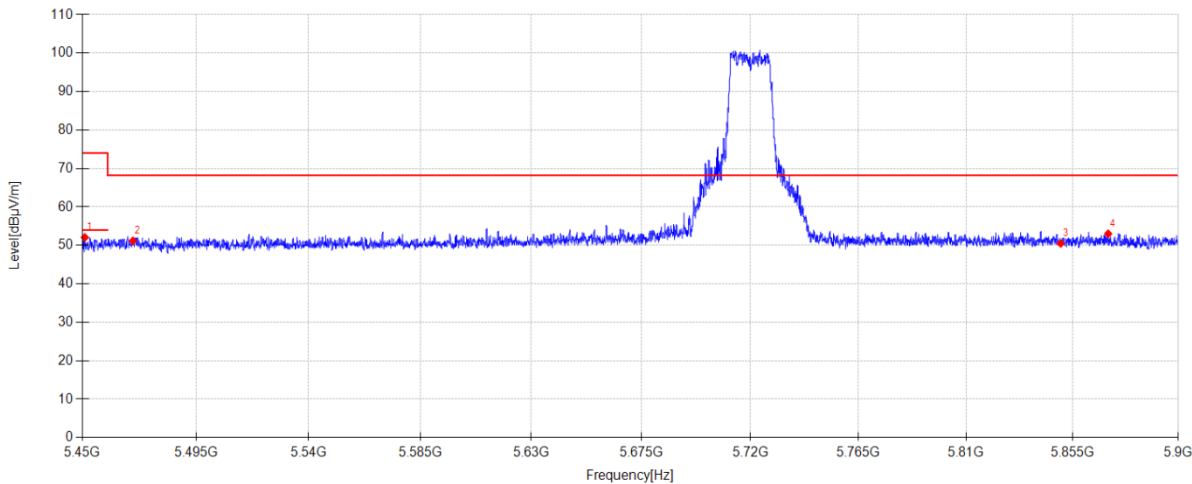
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G KUAYUE17

Memo:

Sample Number:S25061119-002



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	5450.990	43.20	33.00	5.48	-29.60	52.08	74.00	21.92	PK	Horizontal
2	5470.000	42.31	33.00	5.49	-29.60	51.20	68.20	17.00	PK	Horizontal
3	5850.000	40.35	34.00	5.74	-29.60	50.49	68.20	17.71	PK	Horizontal
4	5870.120	42.84	34.04	5.75	-29.60	53.03	68.20	15.17	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:

2025-07-22

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX 11A 5720MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

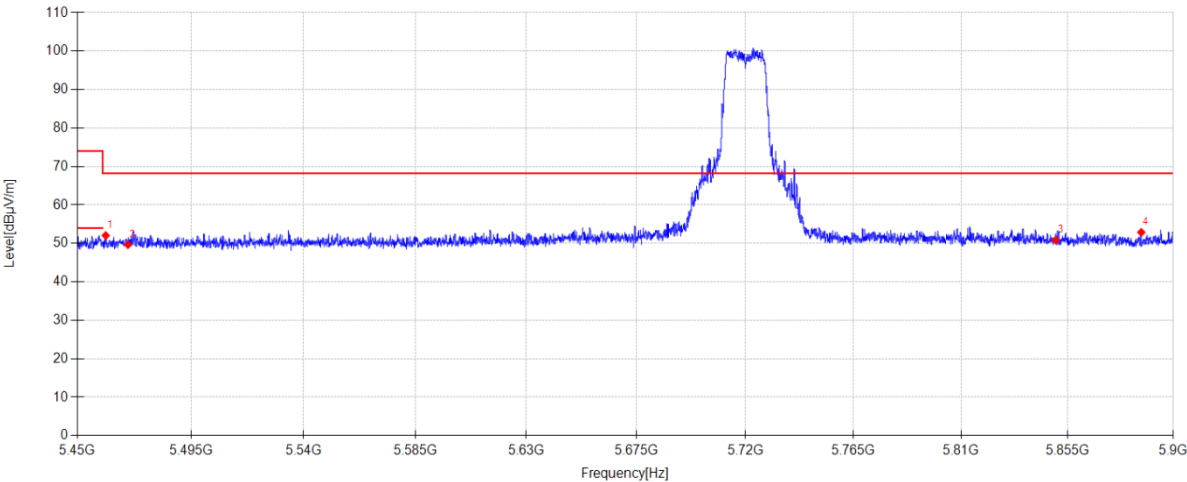
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G KUAYUE\8

Memo:

Sample Number:S25061119-002



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	5461.205	43.17	33.00	5.48	-29.60	52.05	68.20	16.15	PK	Vertical
2	5470.000	40.77	33.00	5.49	-29.60	49.66	68.20	18.54	PK	Vertical
3	5850.000	40.72	34.00	5.74	-29.60	50.86	68.20	17.34	PK	Vertical
4	5886.320	42.65	34.07	5.76	-29.60	52.88	68.20	15.32	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:

2025-07-22

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX N20 5720MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

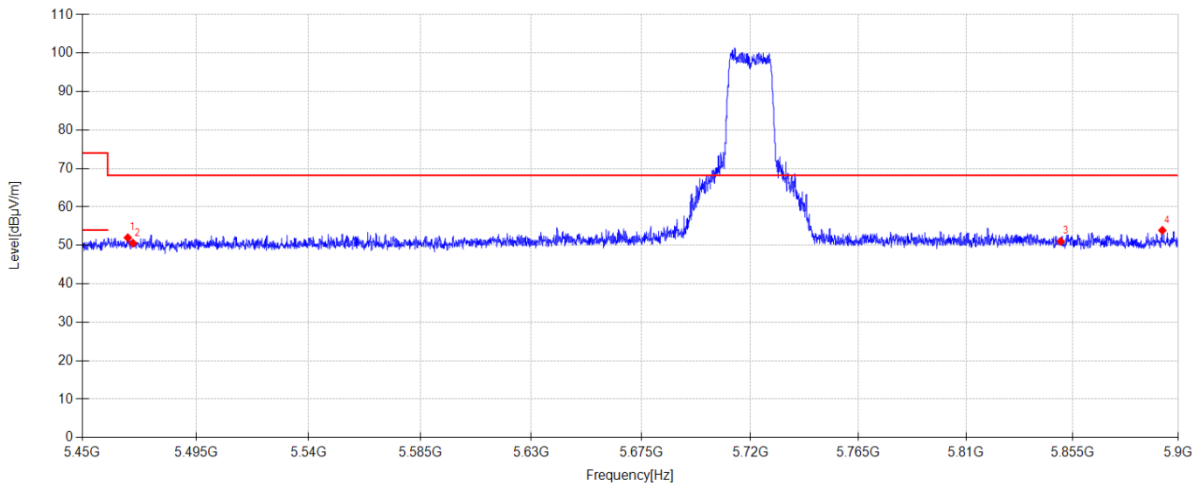
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G KUAYUE\3

Memo:

Sample Number:S25061119-002



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	5467.955	43.10	33.00	5.49	-29.60	51.99	68.20	16.21	PK	Horizontal
2	5470.000	41.67	33.00	5.49	-29.60	50.56	68.20	17.64	PK	Horizontal
3	5850.000	40.89	34.00	5.74	-29.60	51.03	68.20	17.17	PK	Horizontal
4	5893.160	43.64	34.09	5.77	-29.60	53.90	68.20	14.30	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:

2025-07-22

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX N20 5720MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

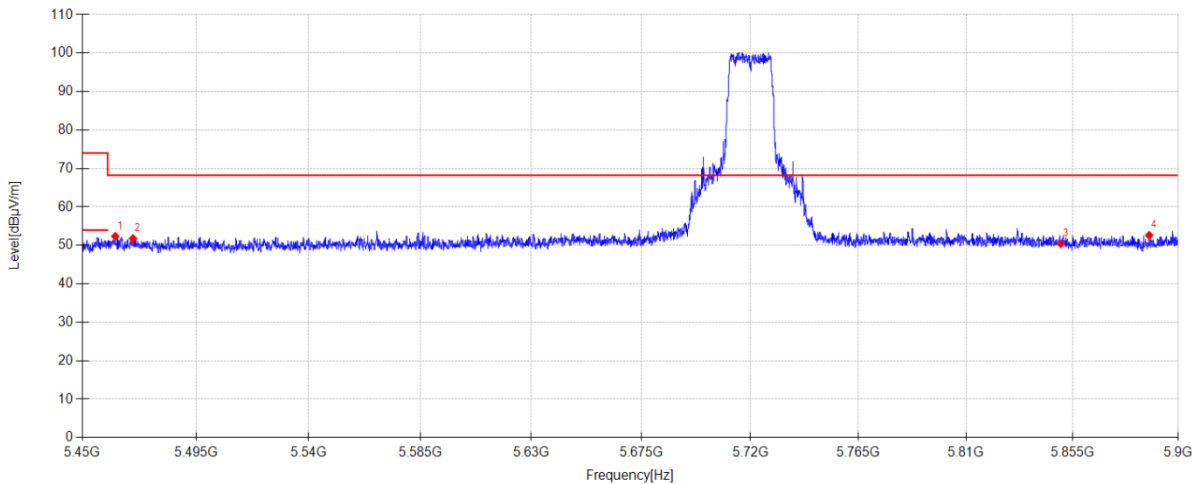
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G KUAYUE4

Memo:

Sample Number:S25061119-002



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	5463.005	43.47	33.00	5.49	-29.60	52.36	68.20	15.84	PK	Vertical
2	5470.000	42.90	33.00	5.49	-29.60	51.79	68.20	16.41	PK	Vertical
3	5850.000	40.28	34.00	5.74	-29.60	50.42	68.20	17.78	PK	Vertical
4	5887.580	42.38	34.08	5.77	-29.60	52.63	68.20	15.57	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:

2025-07-22

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX 11AC20 5720MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

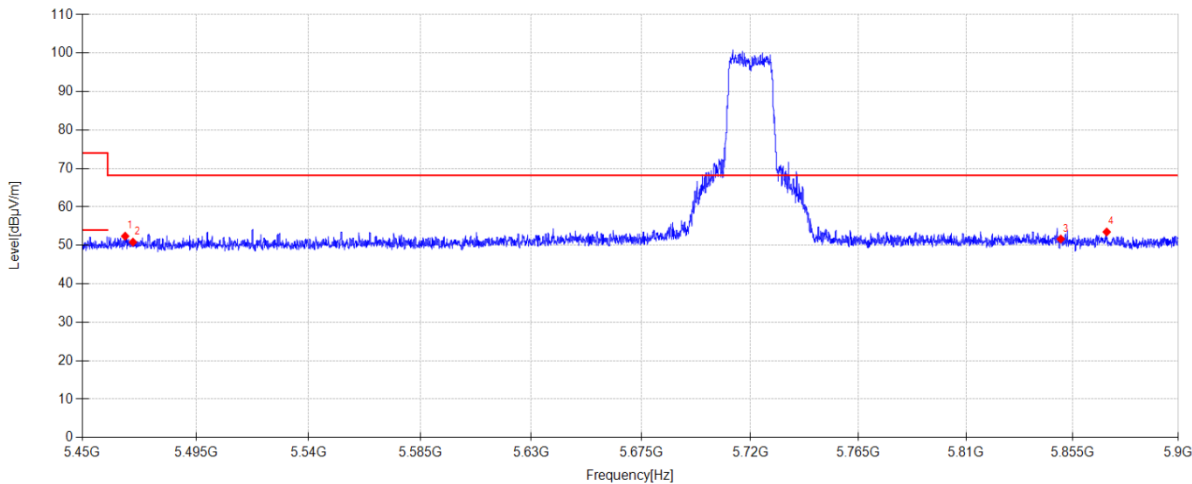
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G KUAYUE\9

Memo:

Sample Number:S25061119-002



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	5466.920	43.50	33.00	5.49	-29.60	52.39	68.20	15.81	PK	Horizontal
2	5470.000	41.96	33.00	5.49	-29.60	50.85	68.20	17.35	PK	Horizontal
3	5850.000	41.52	34.00	5.74	-29.60	51.66	68.20	16.54	PK	Horizontal
4	5869.490	43.30	34.04	5.75	-29.60	53.49	68.20	14.71	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:

2025-07-22

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX 11AC20 5720MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

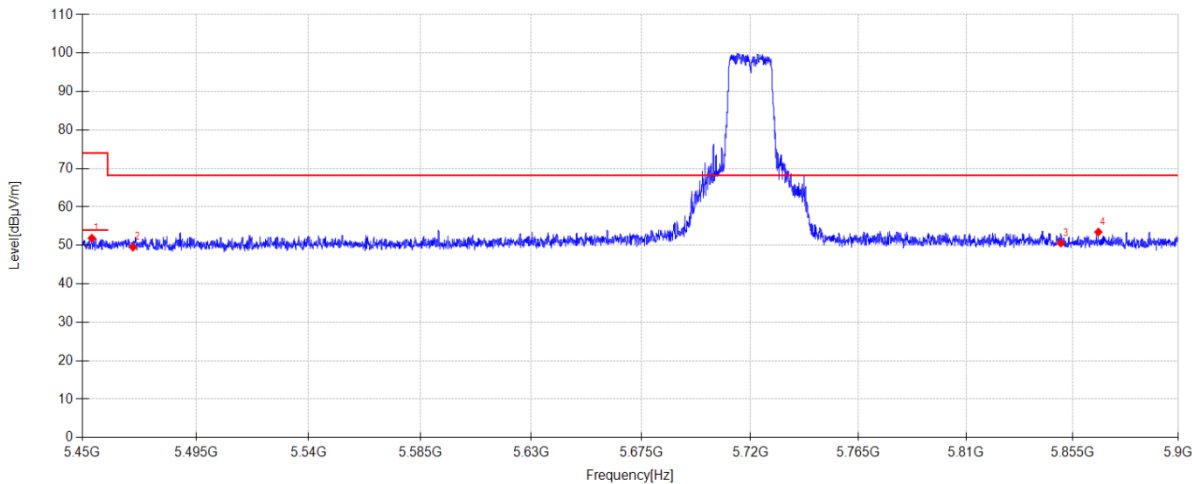
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G KUAYUE\10

Memo:

Sample Number:S25061119-002



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	5453.735	43.01	33.00	5.48	-29.60	51.89	74.00	22.11	PK	Vertical
2	5470.000	40.64	33.00	5.49	-29.60	49.53	68.20	18.67	PK	Vertical
3	5850.000	40.44	34.00	5.74	-29.60	50.58	68.20	17.62	PK	Vertical
4	5865.935	43.29	34.03	5.75	-29.60	53.47	68.20	14.73	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:

2025-07-22

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX 11AX20 5720MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

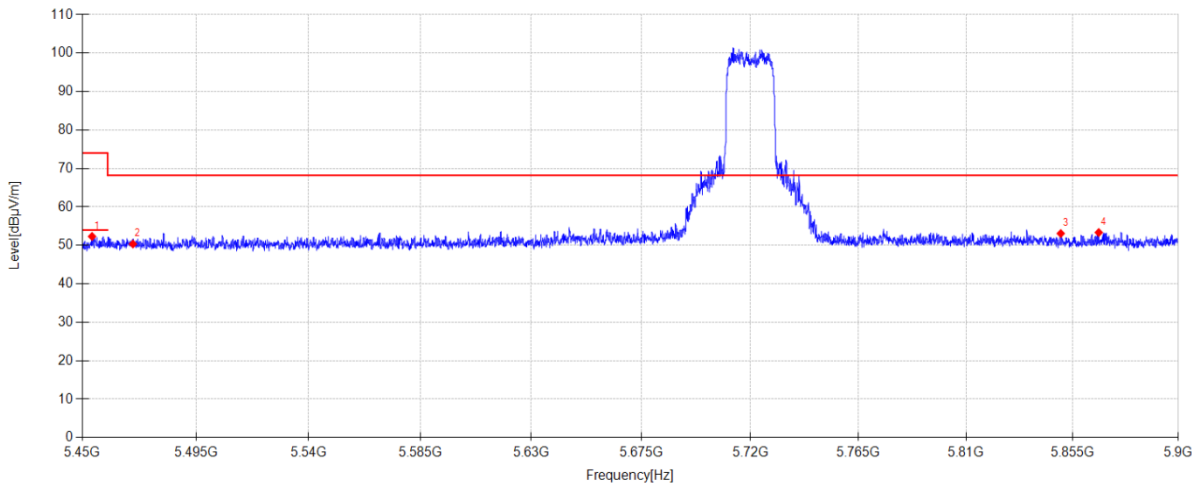
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G KUAYUE\13

Memo:

Sample Number:S25061119-002



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	5453.825	43.45	33.00	5.48	-29.60	52.33	74.00	21.67	PK	Horizontal
2	5470.000	41.47	33.00	5.49	-29.60	50.36	68.20	17.84	PK	Horizontal
3	5850.000	42.95	34.00	5.74	-29.60	53.09	68.20	15.11	PK	Horizontal
4	5866.115	43.17	34.03	5.75	-29.60	53.35	68.20	14.85	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:

2025-07-22

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX 11AX20 5720MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

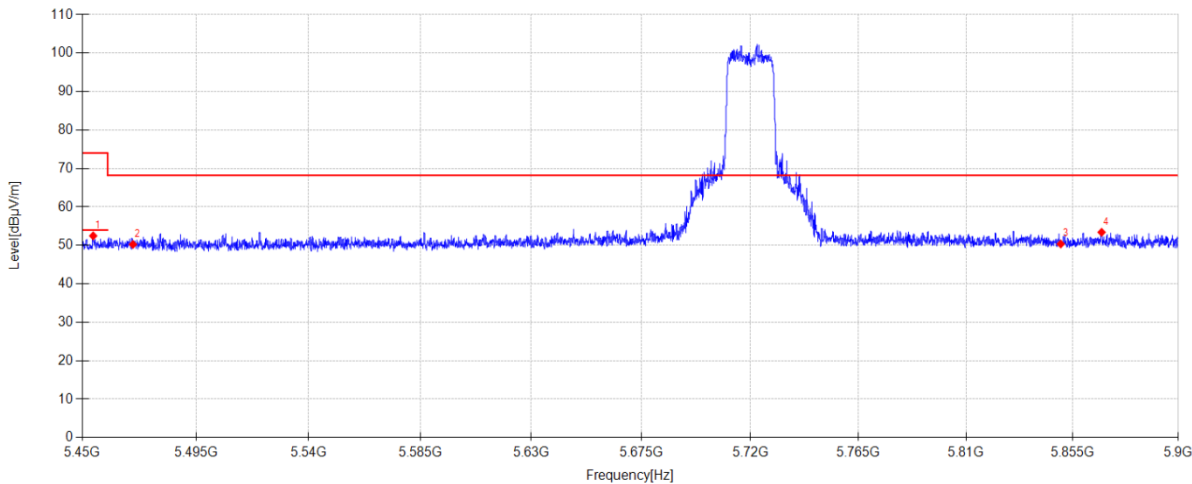
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G KUAYUE\14

Memo:

Sample Number:S25061119-002



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	5454.275	43.60	33.00	5.48	-29.60	52.48	74.00	21.52	PK	Vertical
2	5470.000	41.36	33.00	5.49	-29.60	50.25	68.20	17.95	PK	Vertical
3	5850.000	40.22	34.00	5.74	-29.60	50.36	68.20	17.84	PK	Vertical
4	5867.330	43.23	34.03	5.75	-29.60	53.41	68.20	14.79	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:

2025-07-22

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX N40 5710MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

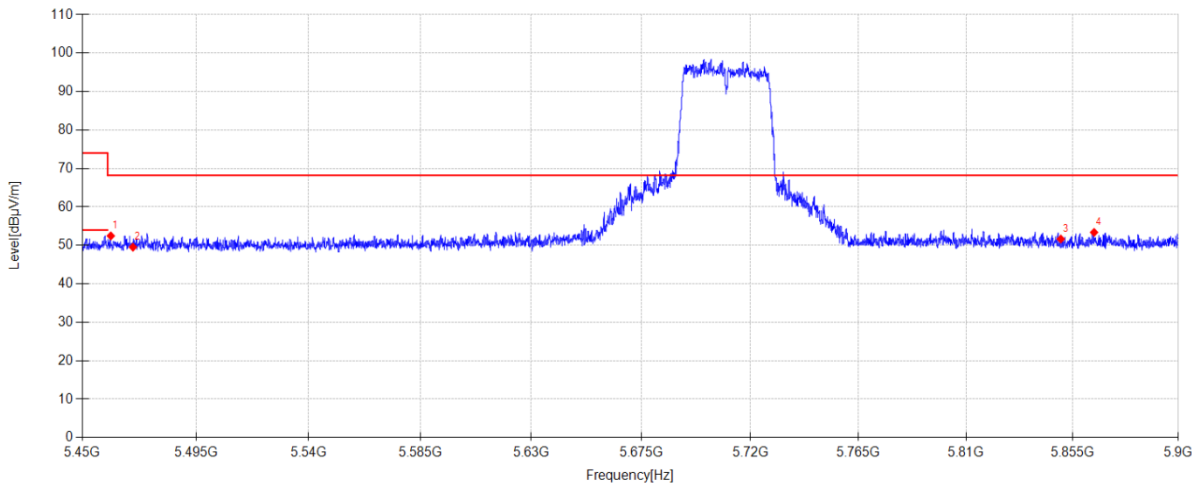
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G KUAYUE\5

Memo:

Sample Number:S25061119-002



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	5461.250	43.59	33.00	5.48	-29.60	52.47	68.20	15.73	PK	Horizontal
2	5470.000	40.65	33.00	5.49	-29.60	49.54	68.20	18.66	PK	Horizontal
3	5850.000	41.52	34.00	5.74	-29.60	51.66	68.20	16.54	PK	Horizontal
4	5864.135	43.21	34.03	5.75	-29.60	53.39	68.20	14.81	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:

2025-07-22

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX N40 5710MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

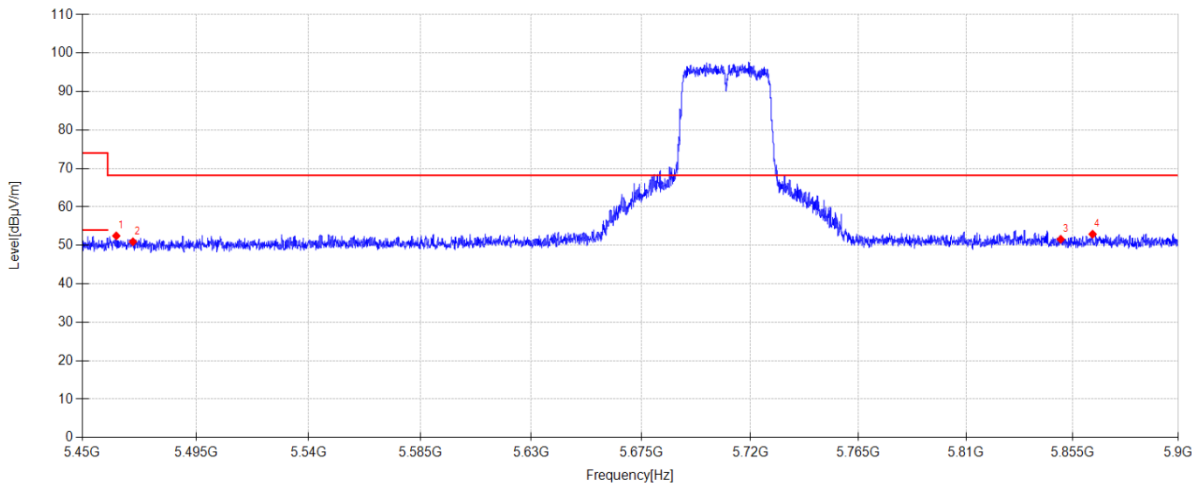
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G KUAYUE\6

Memo:

Sample Number:S25061119-002



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	5463.410	43.58	33.00	5.49	-29.60	52.47	68.20	15.73	PK	Vertical
2	5470.000	42.06	33.00	5.49	-29.60	50.95	68.20	17.25	PK	Vertical
3	5850.000	41.45	34.00	5.74	-29.60	51.59	68.20	16.61	PK	Vertical
4	5863.505	42.73	34.03	5.75	-29.60	52.91	68.20	15.29	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:

2025-07-22

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX 11AC40 5710MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

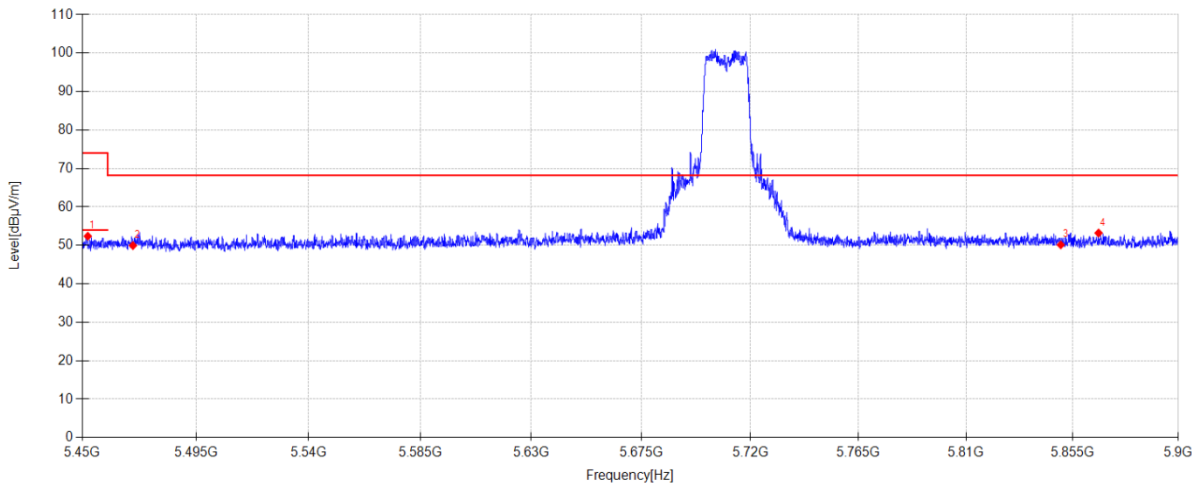
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G KUAYUE\11

Memo:

Sample Number:S25061119-002



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	5452.160	43.52	33.00	5.48	-29.60	52.40	74.00	21.60	PK	Horizontal
2	5470.000	41.06	33.00	5.49	-29.60	49.95	68.20	18.25	PK	Horizontal
3	5850.000	40.00	34.00	5.74	-29.60	50.14	68.20	18.06	PK	Horizontal
4	5866.025	43.04	34.03	5.75	-29.60	53.22	68.20	14.98	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:

2025-07-22

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX 11AC40 5710MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

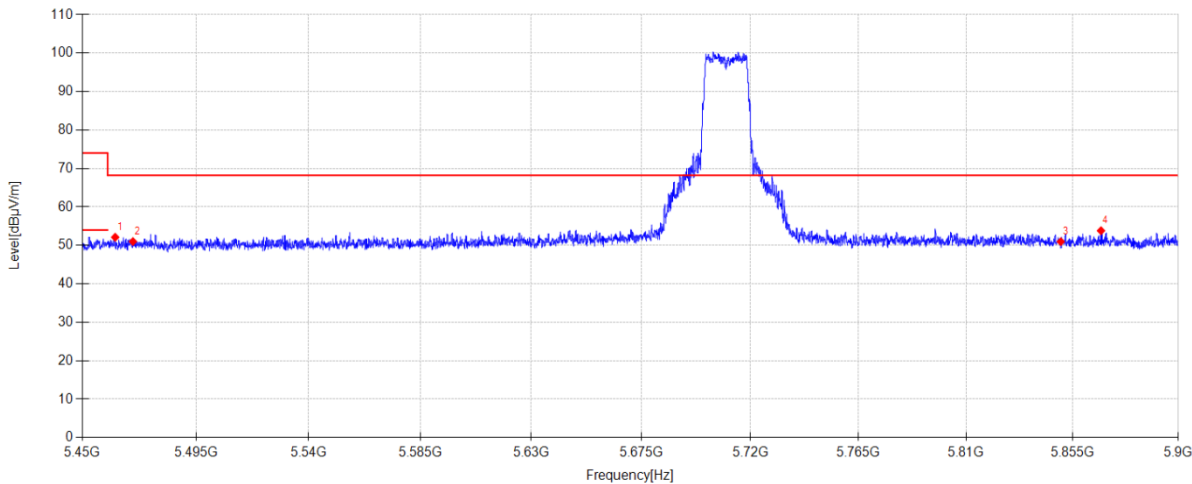
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G KUAYUE\12

Memo:

Sample Number:S25061119-002



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	5462.960	43.22	33.00	5.49	-29.60	52.11	68.20	16.09	PK	Vertical
2	5470.000	42.11	33.00	5.49	-29.60	51.00	68.20	17.20	PK	Vertical
3	5850.000	40.83	34.00	5.74	-29.60	50.97	68.20	17.23	PK	Vertical
4	5867.060	43.64	34.03	5.75	-29.60	53.82	68.20	14.38	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:

2025-07-22

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX 11AX40 5710MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

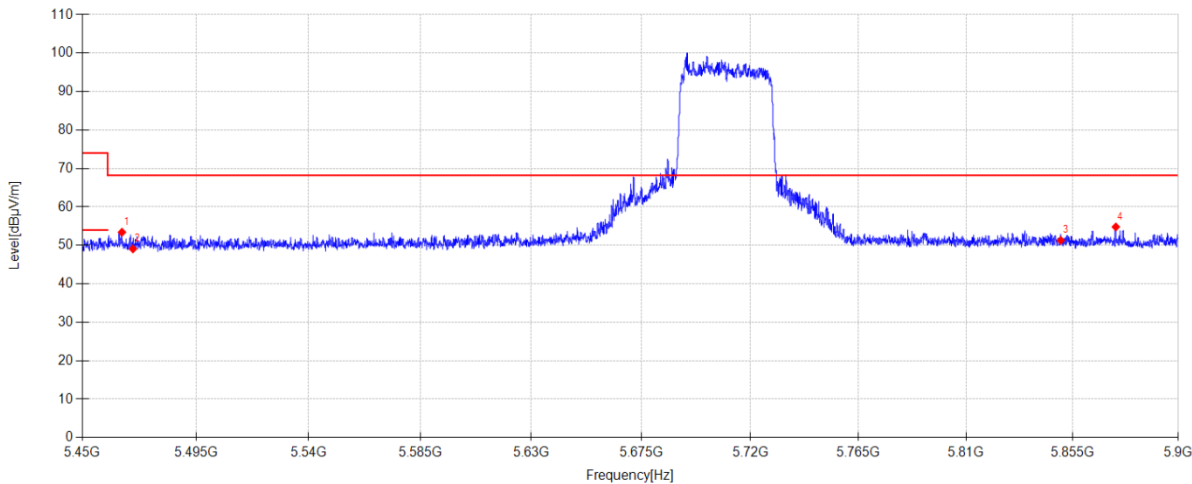
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G KUAYUE\15

Memo:

Sample Number:S25061119-002



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	5465.660	44.54	33.00	5.49	-29.60	53.43	68.20	14.77	PK	Horizontal
2	5470.000	40.20	33.00	5.49	-29.60	49.09	68.20	19.11	PK	Horizontal
3	5850.000	41.16	34.00	5.74	-29.60	51.30	68.20	16.90	PK	Horizontal
4	5873.360	44.59	34.05	5.76	-29.60	54.80	68.20	13.40	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:

2025-07-22

Tested By:

Nan Zhong

EUT:

DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA

Model Number:

IP3MCB1A

Test Mode:

TX 11AX40 5710MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

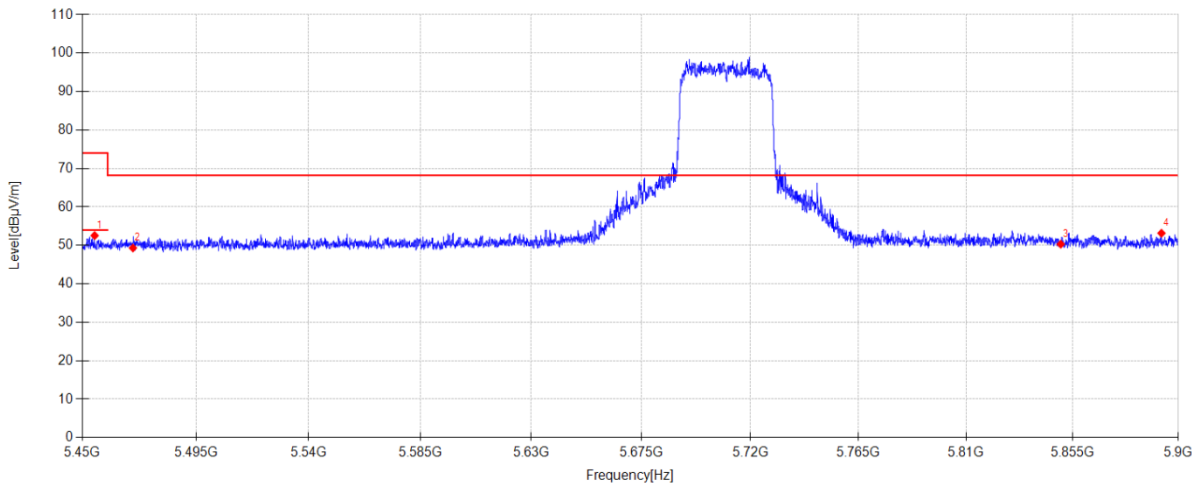
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G KUAYUE\16

Memo:

Sample Number:S25061119-002



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	5454.860	43.67	33.00	5.48	-29.60	52.55	74.00	21.45	PK	Vertical
2	5470.000	40.44	33.00	5.49	-29.60	49.33	68.20	18.87	PK	Vertical
3	5850.000	40.18	34.00	5.74	-29.60	50.32	68.20	17.88	PK	Vertical
4	5892.800	42.91	34.09	5.77	-29.60	53.17	68.20	15.03	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.

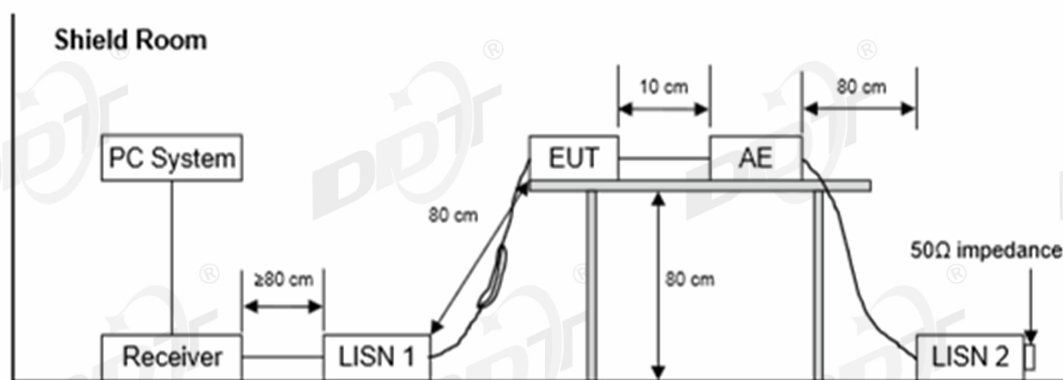
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

15. Power Line Conducted Emissions

15.1. 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

15.2. Block diagram of test setup



15.3. Limits

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

15.4. Assistant equipment used for test

Accessories	Manufacturer	Model number	Description
AC ADAPTER	Bazhong Chuanyuan	CY-01050100UU	INPUT: 100-240V~50/60Hz 0.3A MAX OUTPUT: 5.0V==1.0A 5.0W
Power Cable	/	/	Length: 175cm, without core

15.5. 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.

15.6. 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.

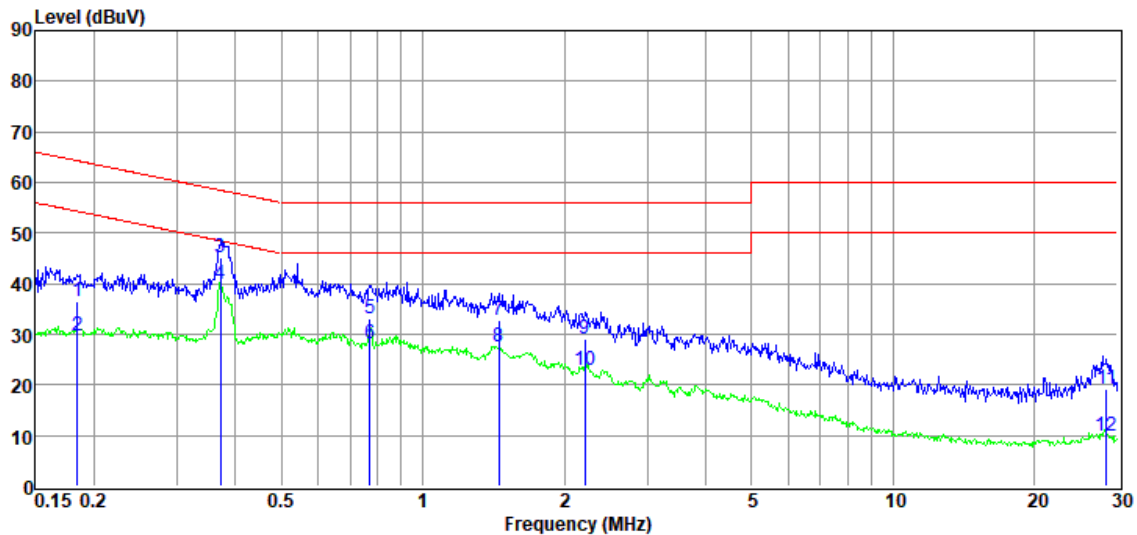
Note4: Scan with all mode, the worst case is record and report

15.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 5# Shield Room D:\2025 report data\Q25061119-2E\EM6.EM6
Test Date : 2025-07-22 Tested By : Nan Zhong
EUT : DEFENDER GO 2K AI POWERED PLUG-IN INDOOR/OUTDOOR HOME, BUSINESS, BABY & PET SECURITY CAMERA Model Number : IP3MCB1A
Power Supply : AC 120V/60Hz Test Mode : TX 5G 11N20 5180 Mode
Condition : Temp:21.3°C,Humi:42.8% LISN : 2023 ENV216 2#/LINE
Memo : S25061119-004

Data: 14



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	16.52	9.94	0.09	10.06	36.61	64.28	-27.67	QP	LINE
2	0.18	9.49	9.94	0.09	10.06	29.58	54.28	-24.70	Average	LINE
3	0.37	25.15	9.94	0.09	10.07	45.25	58.47	-13.22	QP	LINE
4	0.37	19.84	9.94	0.09	10.07	39.94	48.47	-8.53	Average	LINE
5	0.77	13.00	9.96	0.10	10.06	33.12	56.00	-22.88	QP	LINE
6	0.77	8.18	9.96	0.10	10.06	28.30	46.00	-17.70	Average	LINE
7	1.45	12.60	9.99	0.13	10.06	32.78	56.00	-23.22	QP	LINE
8	1.45	7.27	9.99	0.13	10.06	27.45	46.00	-18.55	Average	LINE
9	2.21	8.76	10.02	0.15	10.06	28.99	56.00	-27.01	QP	LINE
10	2.21	2.72	10.02	0.15	10.06	22.95	46.00	-23.05	Average	LINE
11	28.45	-1.39	10.01	0.42	10.08	19.12	60.00	-40.88	QP	LINE
12	28.45	-10.49	10.01	0.42	10.08	10.02	50.00	-39.98	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\Q25061119-2\EM6.EM6

Test Date : 2025-07-22

Tested By : Nan Zhong

EUT : DEFENDER GO 2K AI POWERED PLUG-IN
INDOOR/OUTDOOR HOME, BUSINESS,
BABY & PET SECURITY CAMERA

Model Number : IP3MCB1A

Power Supply : AC 120V/60Hz

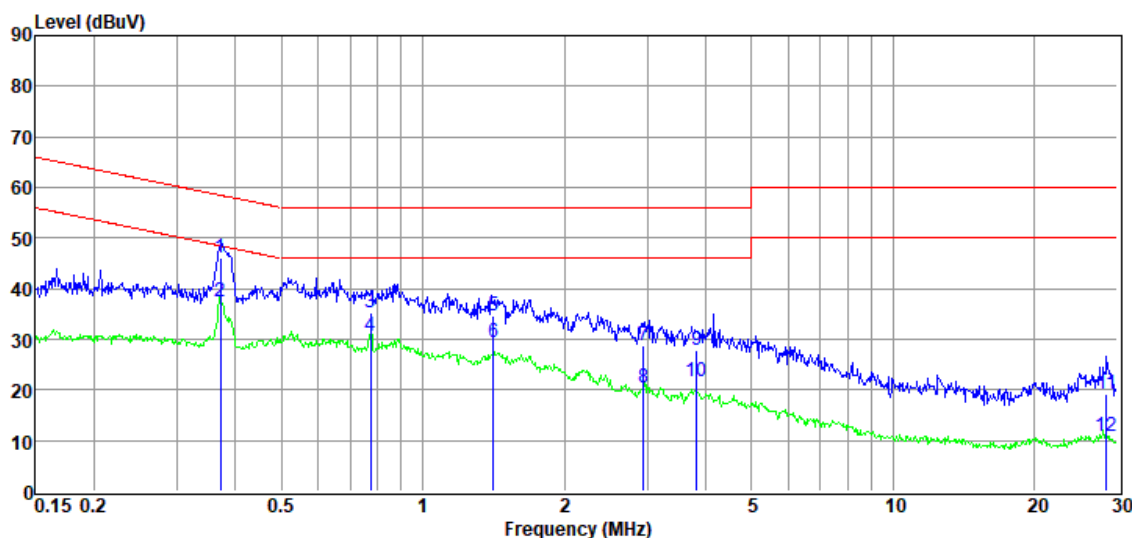
Test Mode : TX 5G 11N20 5180 Mode

Condition : Temp:21.3°C,Humi:42.8%

LISN : 2023 ENV216 2##/NEUTRAL

Memo : S25061119-004

Data: 16



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	0.37	25.79	10.04	0.09	10.07	45.99	58.47	-12.48	QP	NEUTRAL
2	0.37	17.10	10.04	0.09	10.07	37.30	48.47	-11.17	Average	NEUTRAL
3	0.78	15.22	9.97	0.10	10.06	35.35	56.00	-20.65	QP	NEUTRAL
4	0.78	10.42	9.97	0.10	10.06	30.55	46.00	-15.45	Average	NEUTRAL
5	1.41	14.63	9.97	0.13	10.05	34.78	56.00	-21.22	QP	NEUTRAL
6	1.41	9.37	9.97	0.13	10.05	29.52	46.00	-16.48	Average	NEUTRAL
7	2.95	8.33	10.05	0.17	10.06	28.61	56.00	-27.39	QP	NEUTRAL
8	2.95	0.23	10.05	0.17	10.06	20.51	46.00	-25.49	Average	NEUTRAL
9	3.82	7.68	10.06	0.18	10.06	27.98	56.00	-28.02	QP	NEUTRAL
10	3.82	1.42	10.06	0.18	10.06	21.72	46.00	-24.28	Average	NEUTRAL
11	28.45	-1.24	10.01	0.42	10.08	19.27	60.00	-40.73	QP	NEUTRAL
12	28.45	-9.64	10.01	0.42	10.08	10.87	50.00	-39.13	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.

17. Photos of the EUT

Please refer to DDT-Q25061119-1E appendix I

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