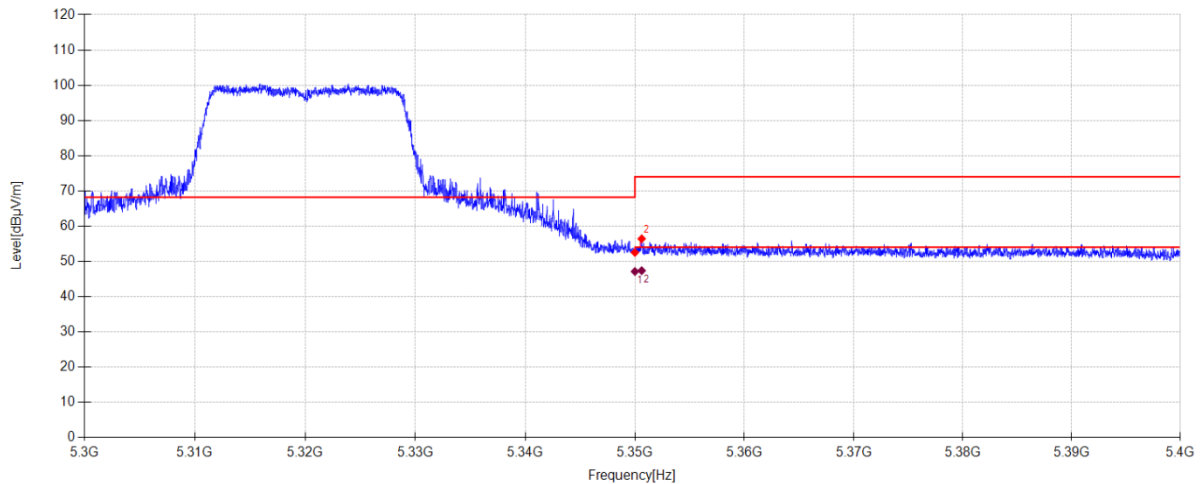


TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-07-18
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 5320MHz 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 5G\49
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	5350.000	43.61	33.10	5.41	-29.60	52.52	68.20	15.68	PK	Horizontal
2	5350.620	47.52	33.10	5.41	-29.60	56.43	74.00	17.57	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	5350.000	38.23	33.10	5.41	47.14	54.0	6.86	AV	Horizontal
2	5350.620	38.46	33.10	5.41	47.37	54.0	6.63	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:

2025-07-18

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 5320MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

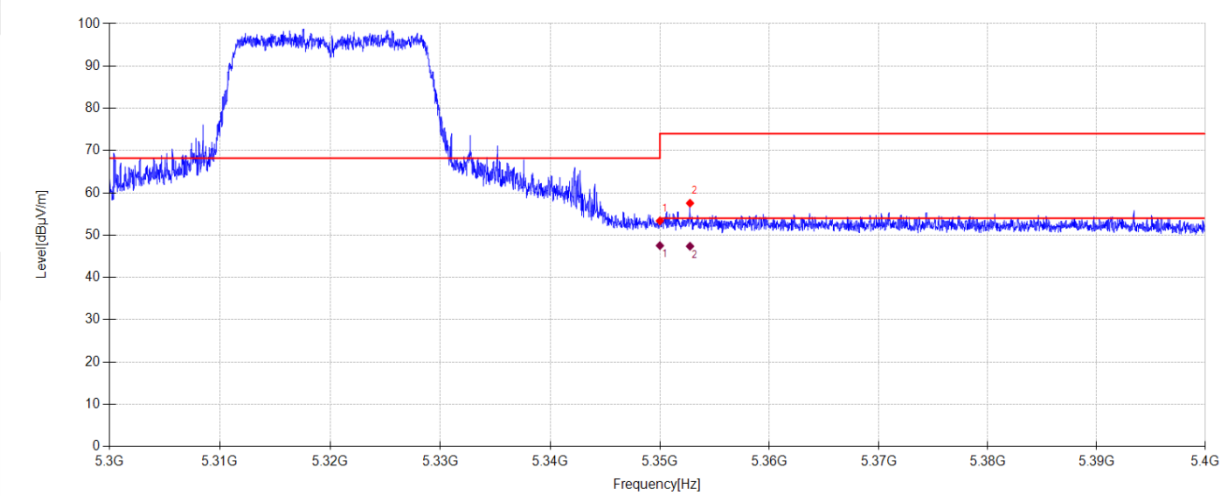
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\50

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	5350.000	44.46	33.10	5.41	-29.60	53.37	68.20	14.83	PK	Vertical
2	5352.750	48.65	33.10	5.41	-29.60	57.56	74.00	16.44	PK	Vertical

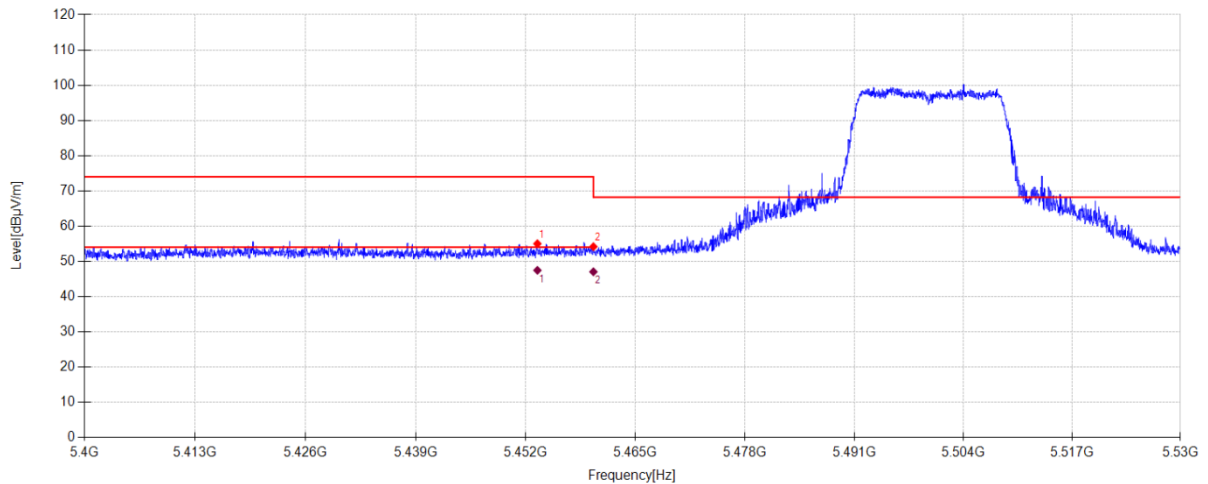
Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.61	33.10	5.41	47.52	54.0	6.48	AV	Vertical	
2	5352.750	38.47	33.10	5.41	47.38	54.0	6.62	AV	Vertical	

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: 2025-07-18
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 5500MHz 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 5G\47
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	5453.365	46.13	33.00	5.48	-29.60	55.01	74.00	18.99	PK	Horizontal
2	5460.000	45.30	33.00	5.48	-29.60	54.18	68.20	14.02	PK	Horizontal

Final Data List

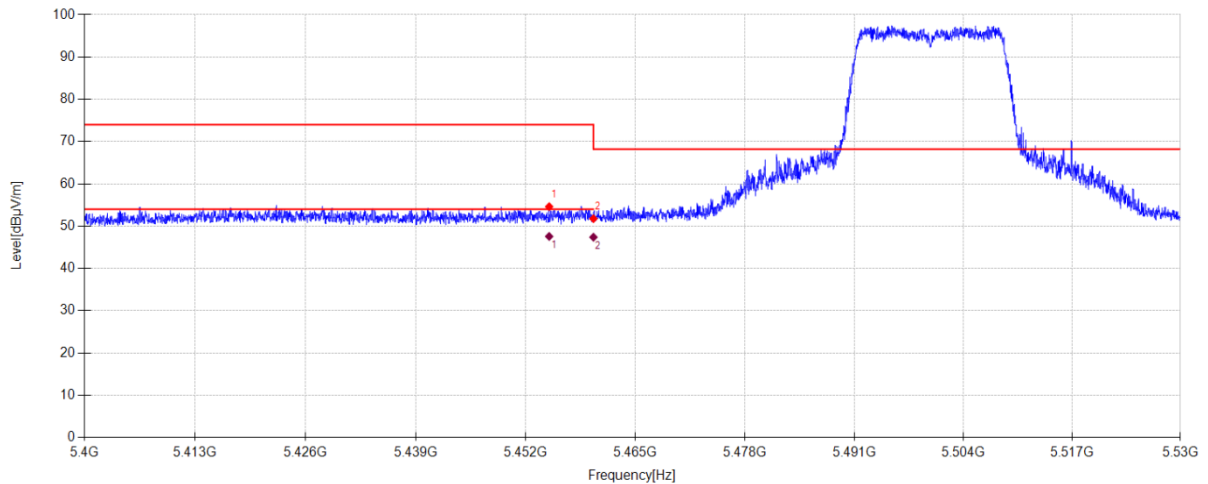
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5453.365	38.59	33.00	5.48	47.47	54.0	6.53	AV	Horizontal
2	5460.000	38.17	33.00	5.48	47.05	54.0	6.95	AV	Horizontal

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: 2025-07-18
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 5500MHz 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 5G\48
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	5454.756	45.73	33.00	5.48	-29.60	54.61	74.00	19.39	PK	Vertical
2	5460.000	42.89	33.00	5.48	-29.60	51.77	68.20	16.43	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	5454.756	38.69	33.00	5.48	47.57	54.0	6.43	AV	Vertical
2	5460.000	38.51	33.00	5.48	47.39	54.0	6.61	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:

2025-07-18

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 5700MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

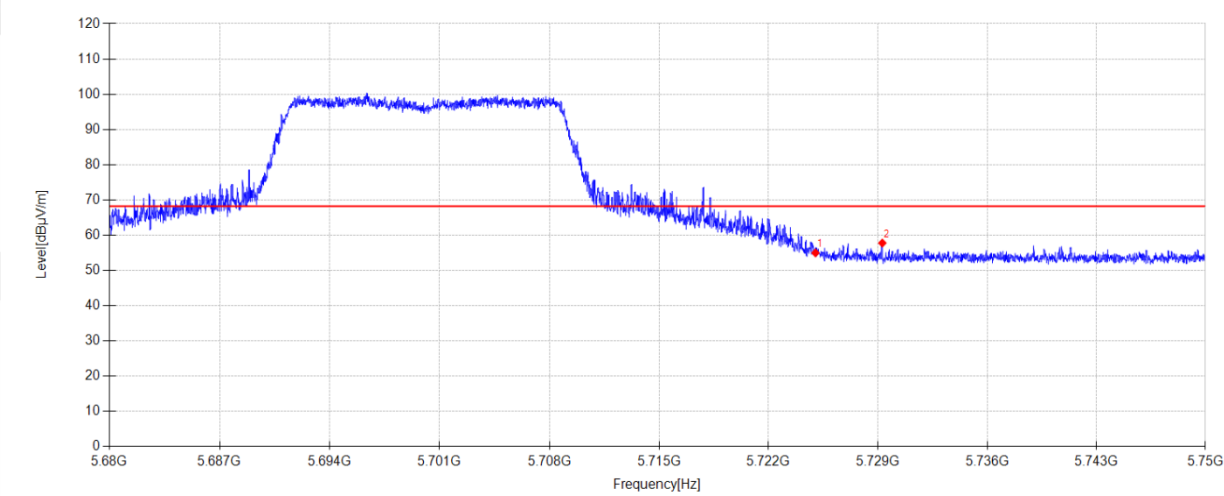
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\45

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	5725.000	45.15	33.75	5.66	-29.60	54.96	68.20	13.24	PK	Horizontal
2	5729.280	47.93	33.78	5.66	-29.60	57.77	68.20	10.43	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:

2025-07-18

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 5700MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

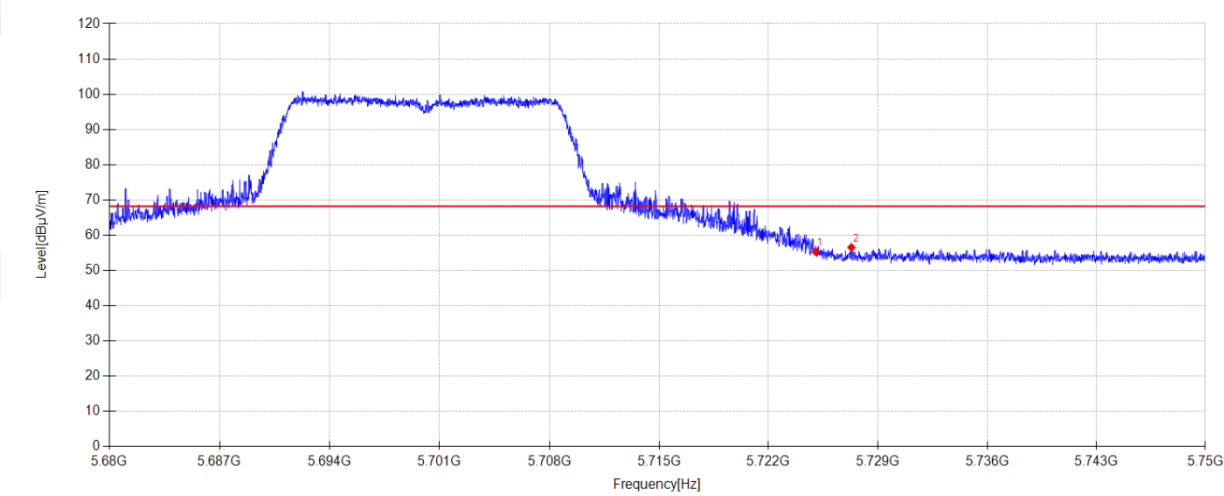
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\46

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	5725.000	45.50	33.75	5.66	-29.60	55.31	68.20	12.89	PK	Vertical
2	5727.299	46.71	33.76	5.66	-29.60	56.53	68.20	11.67	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:

2025-07-18

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 5190MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

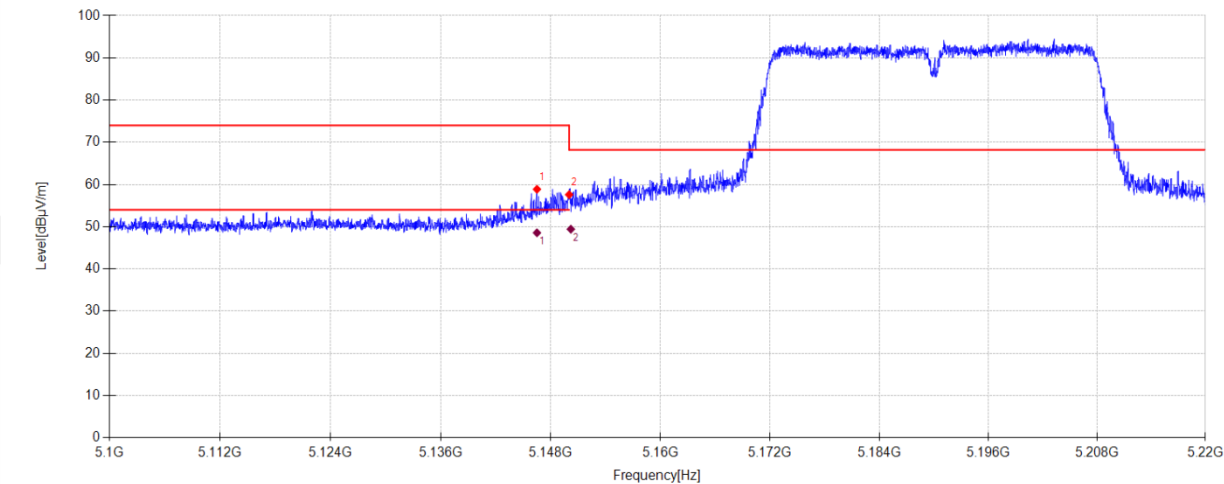
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\57

Memo:

Number:S25061119-002 Power Setting:17



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	5146.488	49.80	33.40	5.28	-29.60	58.88	74.00	15.12	PK	Horizontal
2	5150.000	48.52	33.40	5.28	-29.60	57.60	68.20	10.60	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	5146.488	39.48	33.40	5.28	48.56	54.0	5.44	AV	Horizontal	
2	5150.194	40.34	33.40	5.28	49.42	54.00	4.58	AV	Horizontal	

Note:

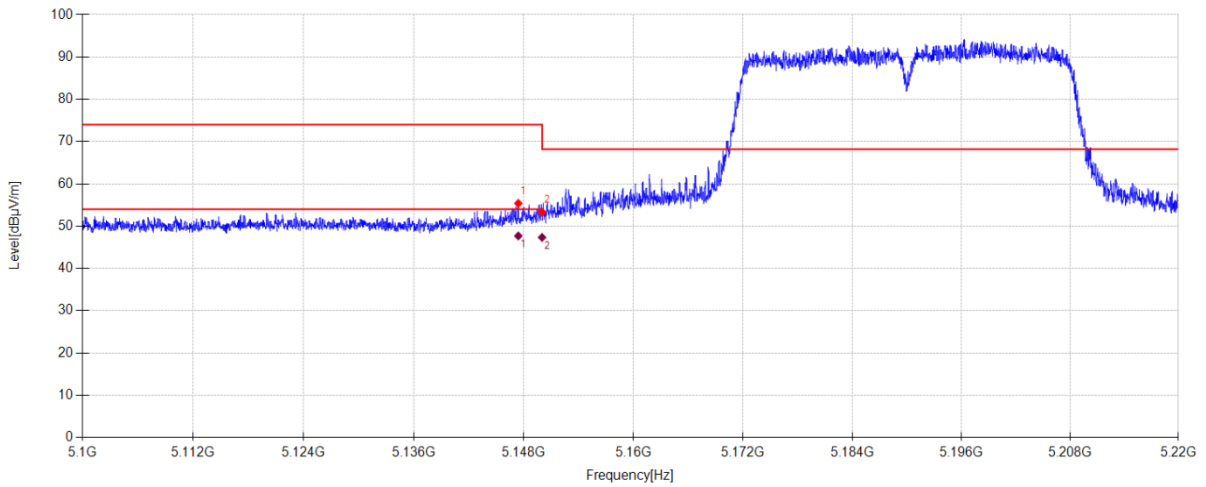
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2025-07-18
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 5190MHz 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 5G\58
Memo: Number:S25061119-002 Power Setting:17



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	5147.400	46.32	33.40	5.28	-29.60	55.40	74.00	18.60	PK	Vertical
2	5150.000	44.18	33.40	5.28	-29.60	53.26	68.20	14.94	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	5147.400	38.61	33.40	5.28	47.69	54.0	6.31	AV	Vertical
2	5150.000	38.26	33.40	5.28	47.34	54.0	6.66	AV	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:

2025-07-18

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 5310MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

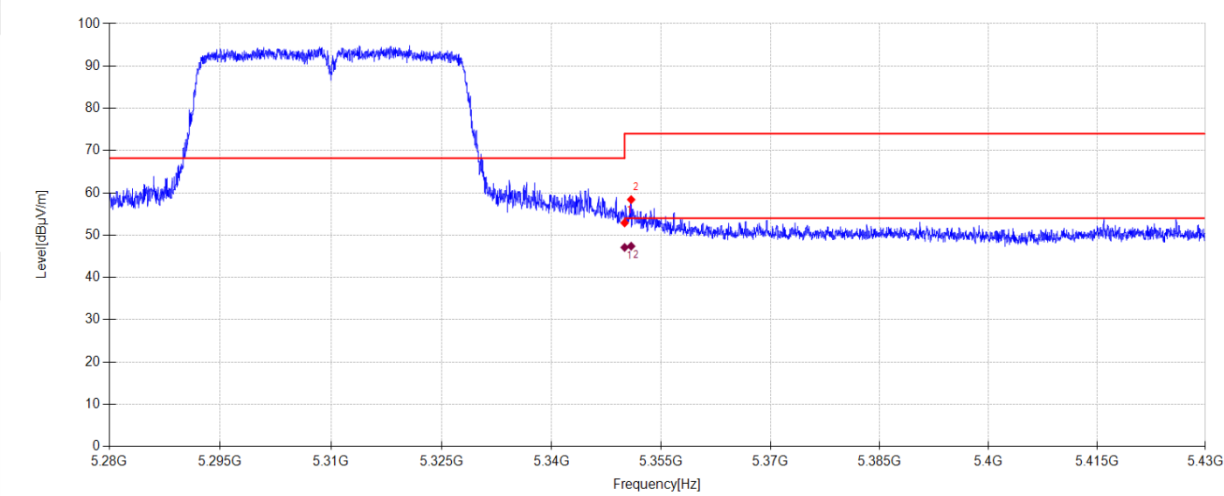
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\59

Memo:

Number:S25061119-002 Power Setting:17



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	5350.000	43.98	33.10	5.41	-29.60	52.89	68.20	15.31	PK	Horizontal
2	5350.890	49.50	33.10	5.41	-29.60	58.41	74.00	15.59	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	5350.000	38.19	33.10	5.41	47.10	54.0	6.90	AV	Horizontal	
2	5350.890	38.47	33.10	5.41	47.38	54.0	6.62	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:

2025-07-18

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 5310MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

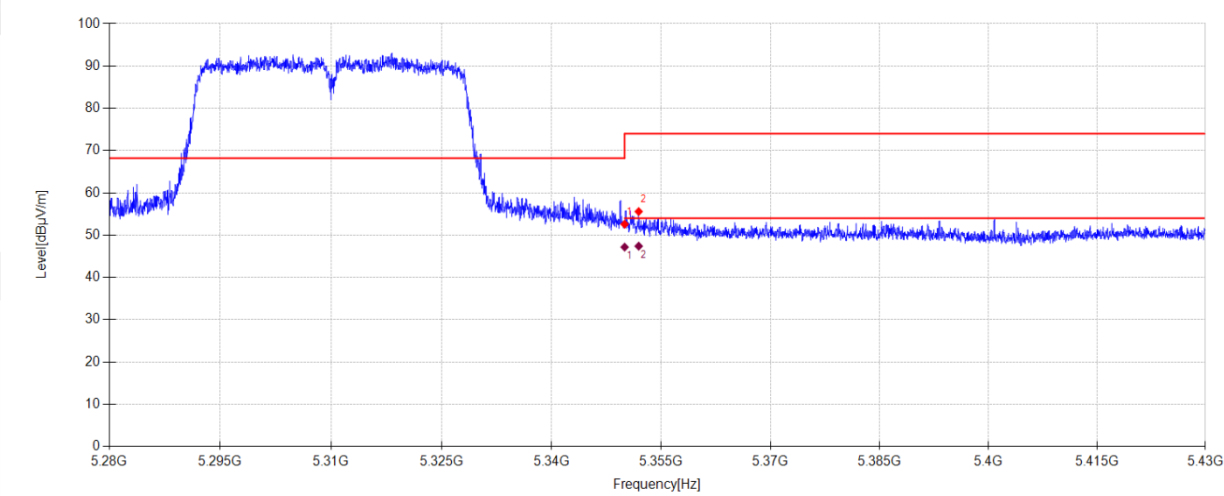
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\60

Memo:

Number:S25061119-002 Power Setting:17



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	5350.000	43.68	33.10	5.41	-29.60	52.59	68.20	15.61	PK	Vertical
2	5351.925	46.67	33.10	5.41	-29.60	55.58	74.00	18.42	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	5350.000	38.26	33.10	5.41	47.17	54.0	6.83	AV	Vertical	
2	5351.925	38.49	33.10	5.41	47.40	54.0	6.60	AV	Vertical	

Note:

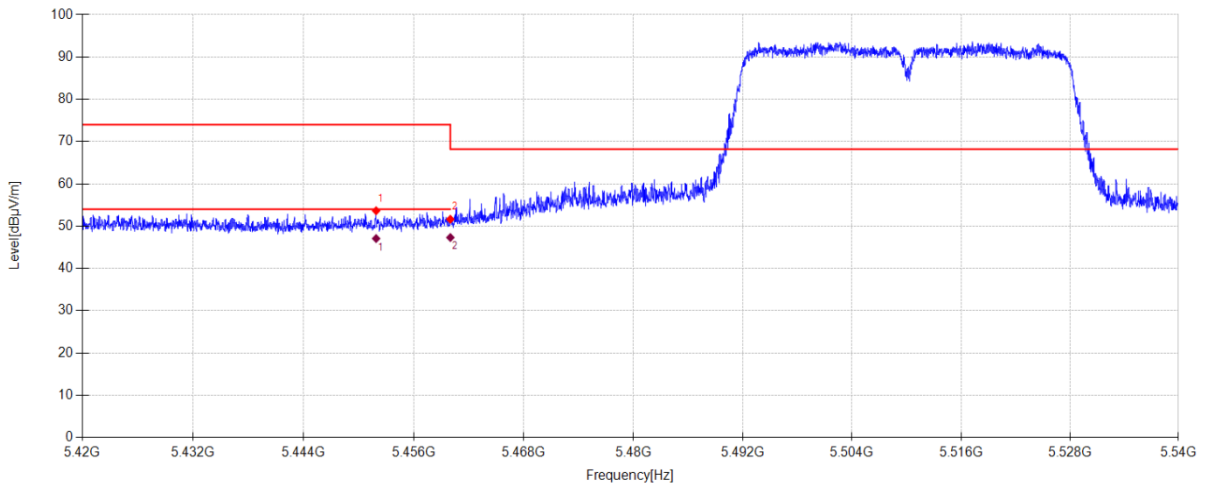
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2025-07-18
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 5510MHz 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 5G\61
Memo: Number:S25061119-002 Power Setting:17



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	5451.908	44.76	33.00	5.48	-29.60	53.64	74.00	20.36	PK	Horizontal
2	5460.000	42.76	33.00	5.48	-29.60	51.64	68.20	16.56	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	5451.908	38.19	33.00	5.48	47.07	54.0	6.93	AV	Horizontal
2	5460.000	38.44	33.00	5.48	47.32	54.0	6.68	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:

2025-07-18

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 5510MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

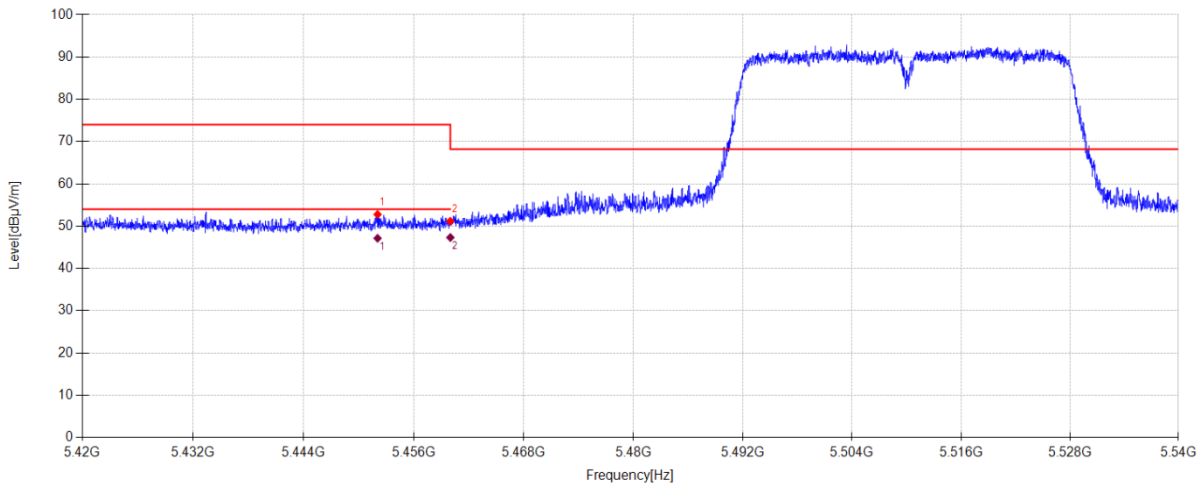
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\62

Memo:

Number:S25061119-002 Power Setting:17



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	5452.064	43.89	33.00	5.48	-29.60	52.77	74.00	21.23	PK	Vertical
2	5460.000	42.28	33.00	5.48	-29.60	51.16	68.20	17.04	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	5452.064	38.26	33.00	5.48	47.14	54.0	6.86	AV	Vertical	
2	5460.000	38.44	33.00	5.48	47.32	54.0	6.68	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:

2025-07-18

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 5670MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

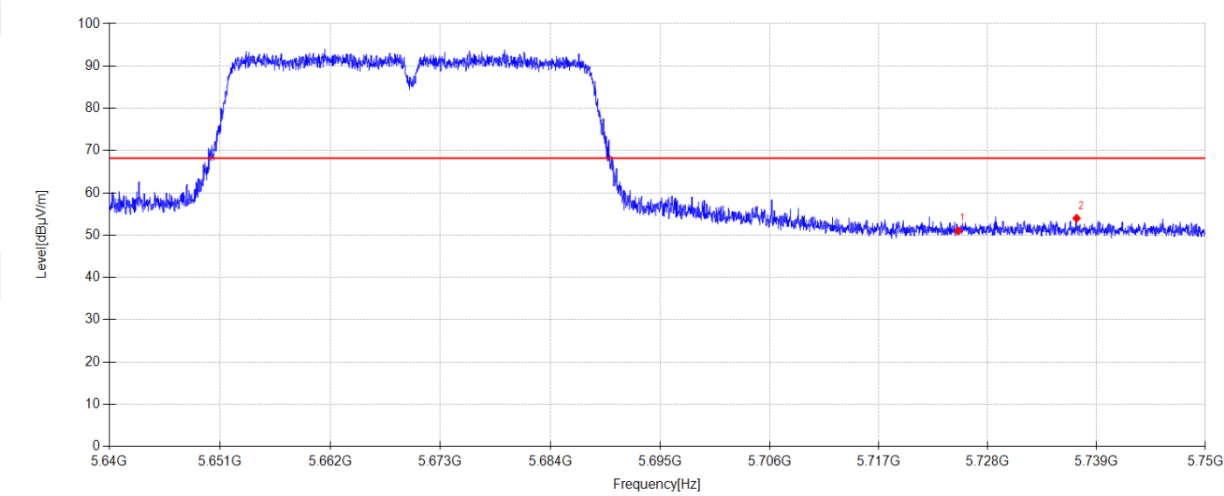
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\63

Memo:

Number:S25061119-002 Power Setting:17



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	5725.000	41.23	33.75	5.66	-29.60	51.04	68.20	17.16	PK	Horizontal
2	5736.965	44.11	33.82	5.67	-29.60	54.00	68.20	14.20	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:

2025-07-18

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 5670MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

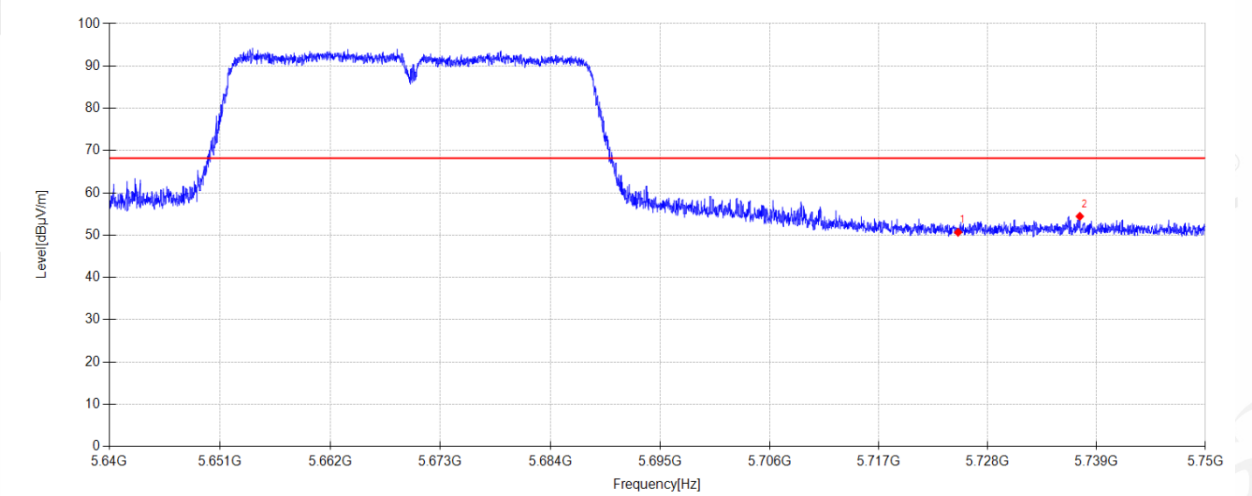
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\64

Memo:

Number:S25061119-002 Power Setting:17



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	5725.000	40.86	33.75	5.66	-29.60	50.67	68.20	17.53	PK	Vertical
2	5737.295	44.55	33.82	5.67	-29.60	54.44	68.20	13.76	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:

2025-07-18

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 5190MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

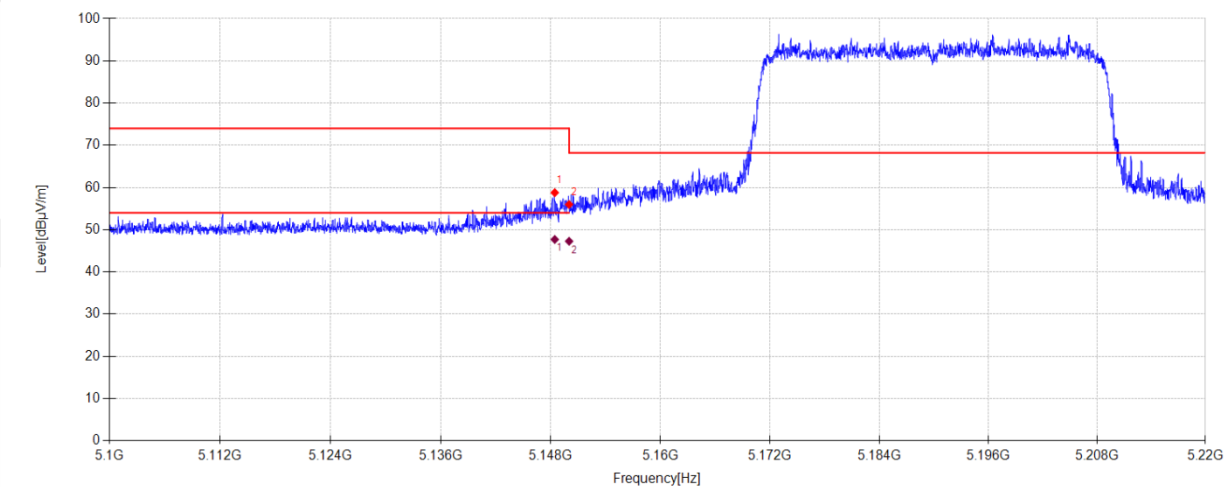
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\71

Memo:

Number:S25061119-002 Power Setting:17



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	5148.432	49.70	33.40	5.28	-29.60	58.78	74.00	15.22	PK	Horizontal
2	5150.000	46.90	33.40	5.28	-29.60	55.98	68.20	12.22	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	5148.432	38.62	33.40	5.28	47.70	54.0	6.30	AV	Horizontal	
2	5150.000	38.19	33.40	5.28	47.27	54.0	6.73	AV	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:

2025-07-18

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 5190MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

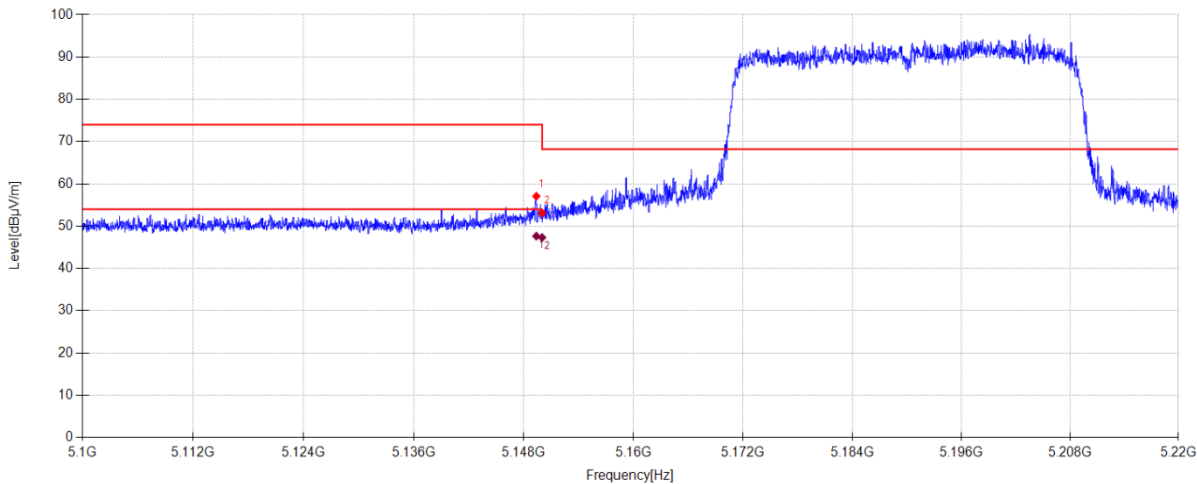
DDT 3# Chamber

File Path:

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Memo:

Number:S25061119-002 Power Setting:17



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	5149.368	47.99	33.40	5.28	-29.60	57.07	74.00	16.93	PK	Vertical
2	5150.000	44.04	33.40	5.28	-29.60	53.12	68.20	15.08	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	5149.368	38.56	33.40	5.28	47.64	54.0	6.36	AV	Vertical	
2	5150.000	38.24	33.40	5.28	47.32	54.0	6.68	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:

2025-07-18

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 5310MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

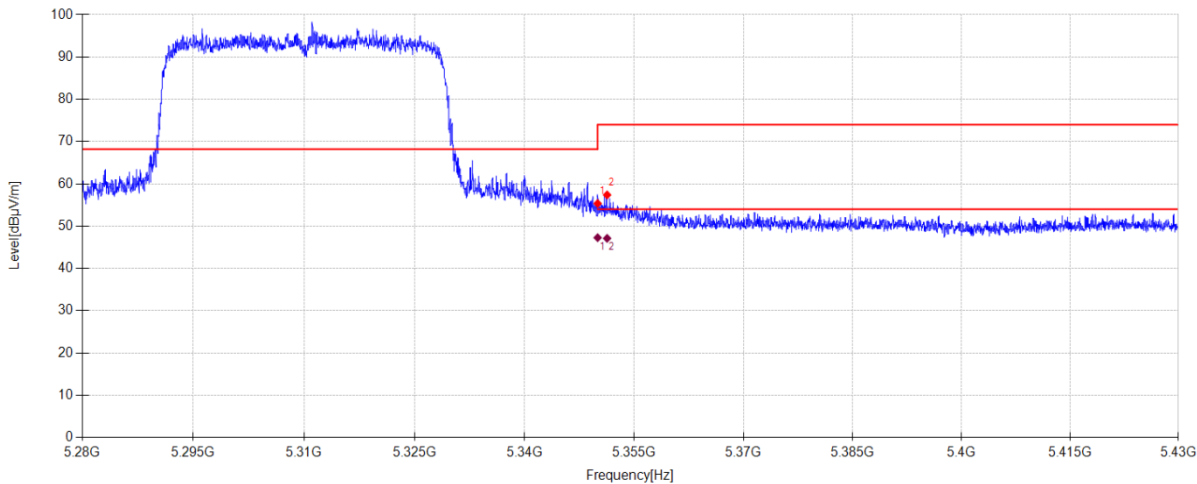
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\69

Memo:

Number:S25061119-002 Power Setting:17



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	5350.000	46.45	33.10	5.41	-29.60	55.36	68.20	12.84	PK	Horizontal
2	5351.295	48.48	33.10	5.41	-29.60	57.39	74.00	16.61	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	5350.000	38.36	33.10	5.41	47.27	54.0	6.73	AV	Horizontal	
2	5351.295	38.21	33.10	5.41	47.12	54.0	6.88	AV	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:

2025-07-18

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 5310MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

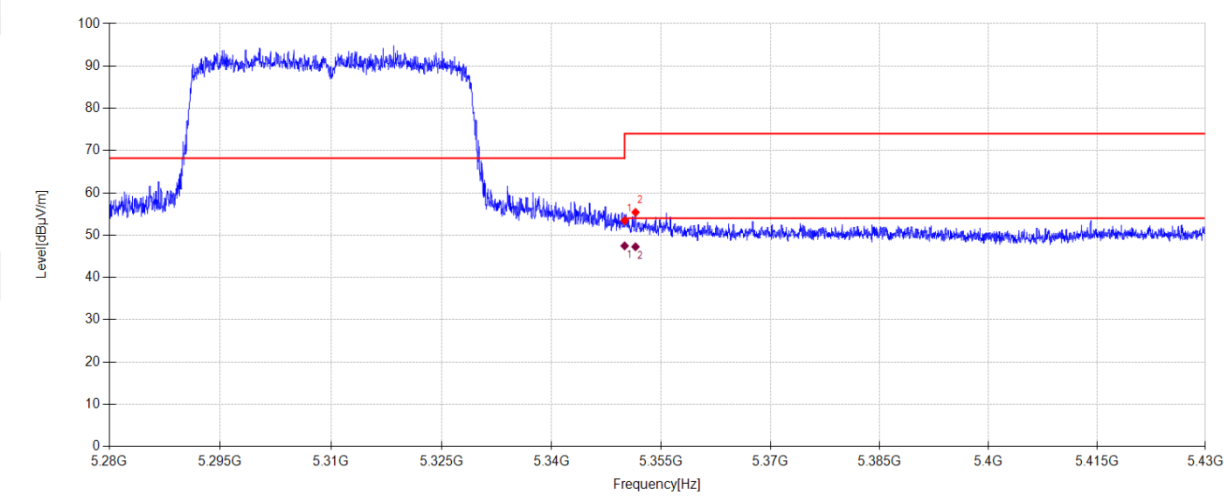
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\70

Memo:

Number:S25061119-002 Power Setting:17



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	5350.000	44.52	33.10	5.41	-29.60	53.43	68.20	14.77	PK	Vertical
2	5351.490	46.49	33.10	5.41	-29.60	55.40	74.00	18.60	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	5350.000	38.55	33.10	5.41	47.46	54.0	6.54	AV	Vertical	
2	5351.490	38.34	33.10	5.41	47.25	54.0	6.75	AV	Vertical	

Note:

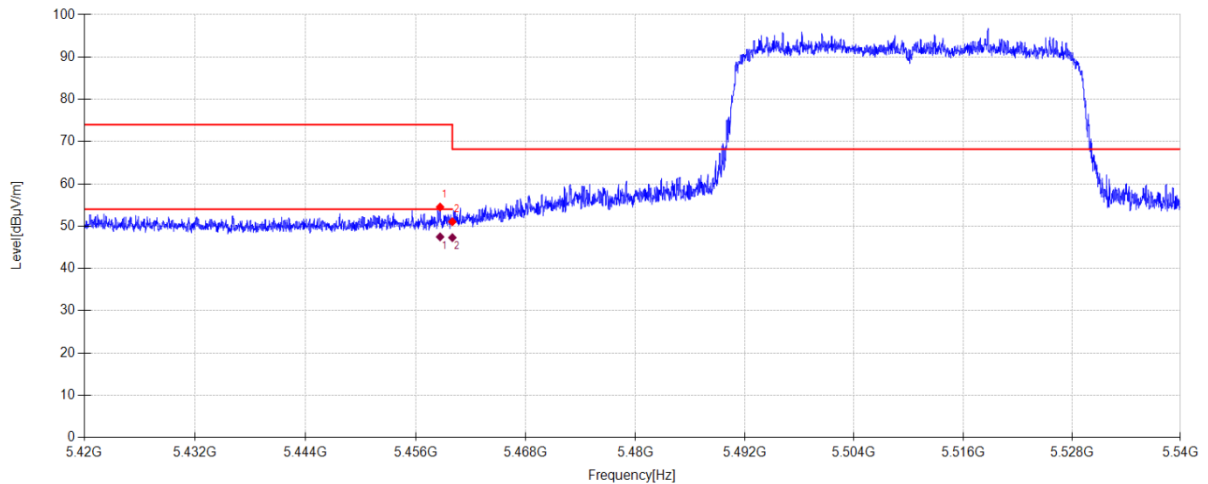
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2025-07-18
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 5510MHz 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 5G\67
Memo: Number:S25061119-002 Power Setting:17



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	5458.664	45.64	33.00	5.48	-29.60	54.52	74.00	19.48	PK	Horizontal
2	5460.000	42.16	33.00	5.48	-29.60	51.04	68.20	17.16	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	5458.664	38.59	33.00	5.48	47.47	54.0	6.53	AV	Horizontal
2	5460.000	38.41	33.00	5.48	47.29	54.0	6.71	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:

2025-07-18

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 5510MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

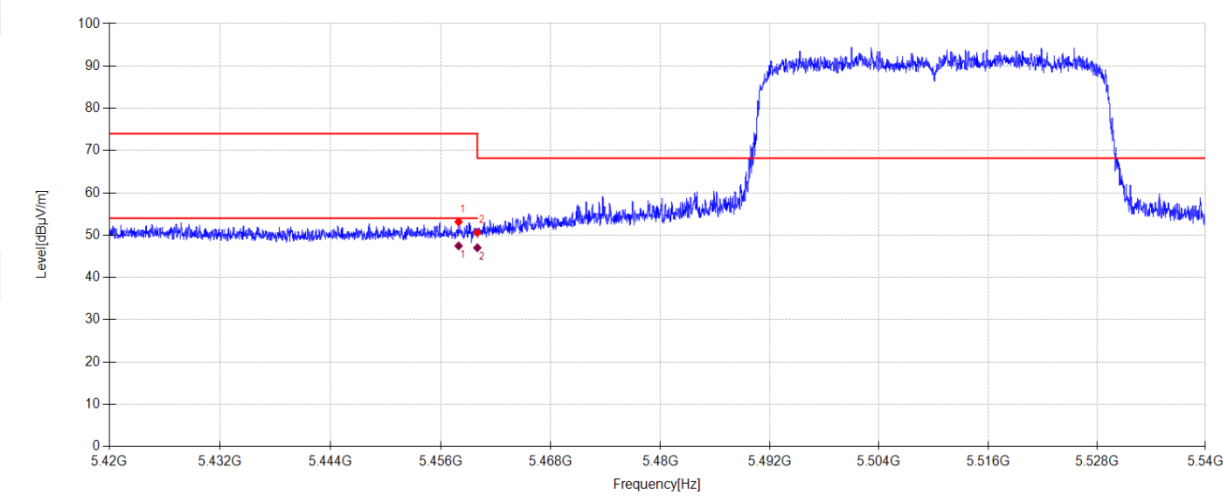
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\68

Memo:

Number:S25061119-002 Power Setting:17



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	5457.956	44.27	33.00	5.48	-29.60	53.15	74.00	20.85	PK	Vertical
2	5460.000	41.75	33.00	5.48	-29.60	50.63	68.20	17.57	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	5457.956	38.59	33.00	5.48	47.47	54.0	6.53	AV	Vertical	
2	5460.000	38.14	33.00	5.48	47.02	54.0	6.98	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:

2025-07-18

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 5670MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

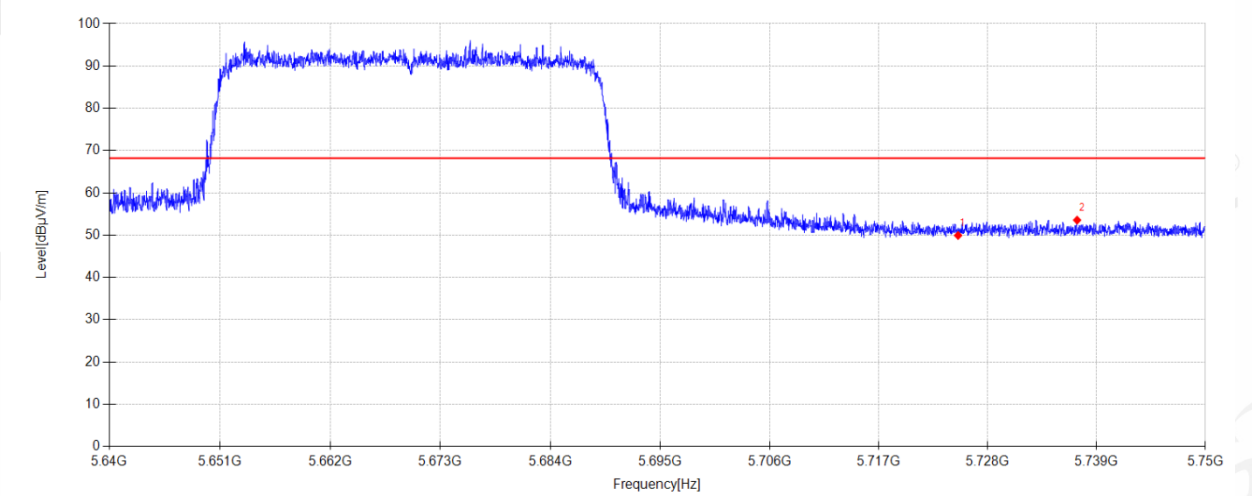
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\65

Memo:

Number:S25061119-002 Power Setting:17



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	5725.000	40.12	33.75	5.66	-29.60	49.93	68.20	18.27	PK	Horizontal
2	5737.020	43.66	33.82	5.67	-29.60	53.55	68.20	14.65	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:

2025-07-18

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 5670MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

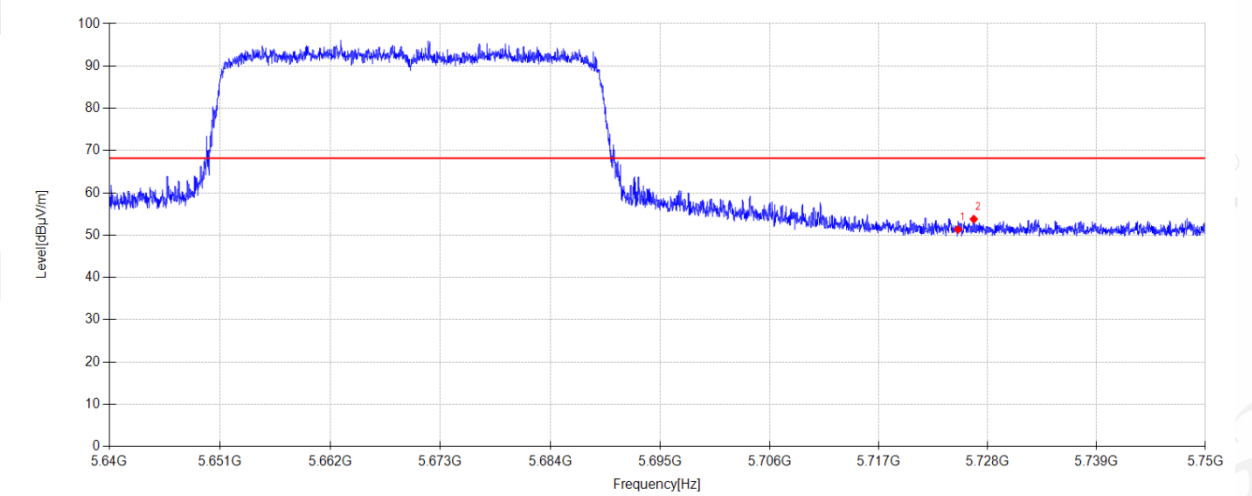
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\66

Memo:

Number:S25061119-002 Power Setting:17



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	5725.000	41.55	33.75	5.66	-29.60	51.36	68.20	16.84	PK	Vertical
2	5726.581	43.97	33.76	5.66	-29.60	53.79	68.20	14.41	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:

2025-07-18

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 AC40 5190MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

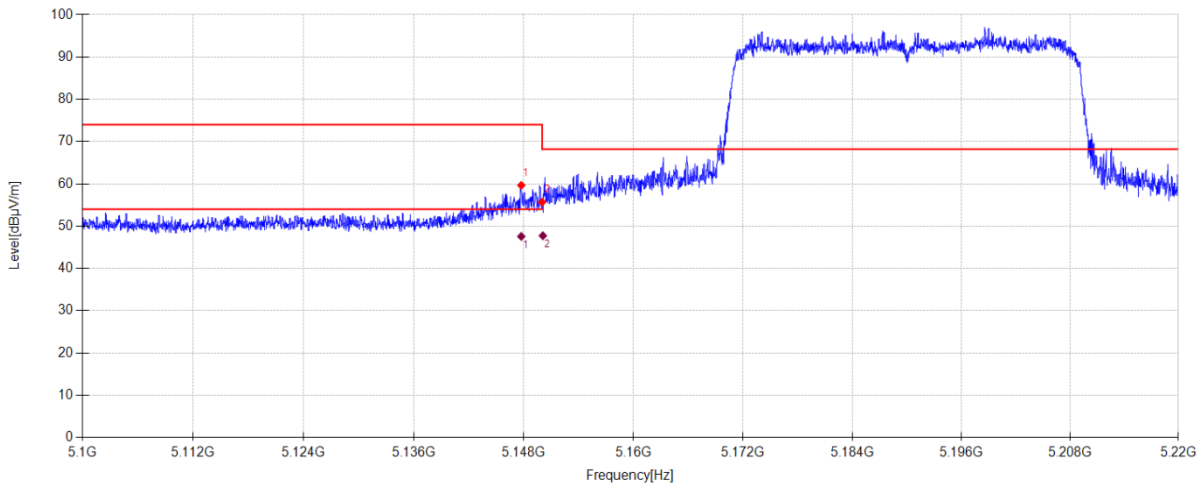
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\73

Memo:

Number:S25061119-002 Power Setting:17



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	5147.724	50.58	33.40	5.28	-29.60	59.66	74.00	14.34	PK	Horizontal
2	5150.000	46.60	33.40	5.28	-29.60	55.68	68.20	12.52	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	5147.724	38.49	33.40	5.28	47.57	54.0	6.43	AV	Horizontal	
2	5150.081	38.65	33.40	5.28	47.73	54.0	6.27	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:

2025-07-18

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 AC40 5190MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

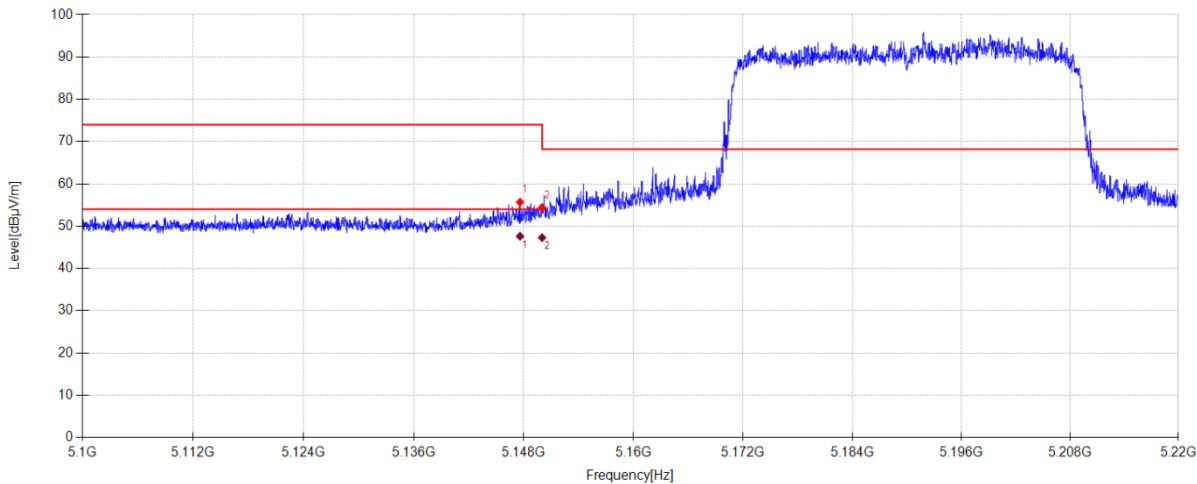
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\74

Memo:

Number:S25061119-002 Power Setting:17



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	5147.592	46.60	33.40	5.28	-29.60	55.68	74.00	18.32	PK	Vertical
2	5150.000	45.34	33.40	5.28	-29.60	54.42	68.20	13.78	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	5147.592	38.54	33.40	5.28	47.62	54.0	6.38	AV	Vertical	
2	5150.000	38.21	33.40	5.28	47.29	54.0	6.71	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:

2025-07-18

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 AC40 5310MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

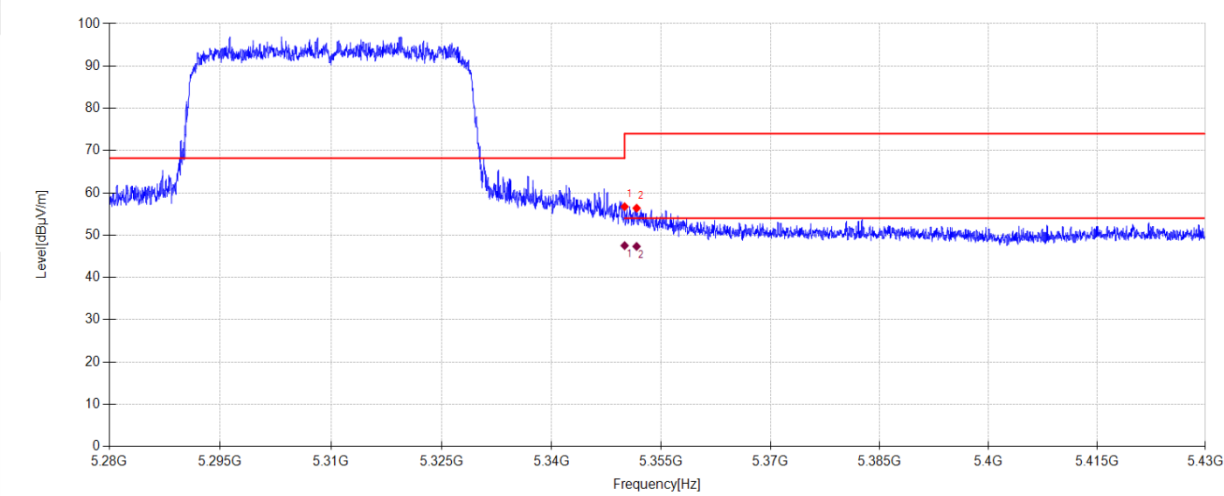
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\75

Memo:

Number:S25061119-002 Power Setting:17



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	5350.000	47.83	33.10	5.41	-29.60	56.74	68.20	11.46	PK	Horizontal
2	5351.640	47.47	33.10	5.41	-29.60	56.38	74.00	17.62	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	5350.000	38.62	33.10	5.41	47.53	54.0	6.47	AV	Horizontal	
2	5351.640	38.43	33.10	5.41	47.34	54.0	6.66	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:

2025-07-18

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 AC40 5310MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

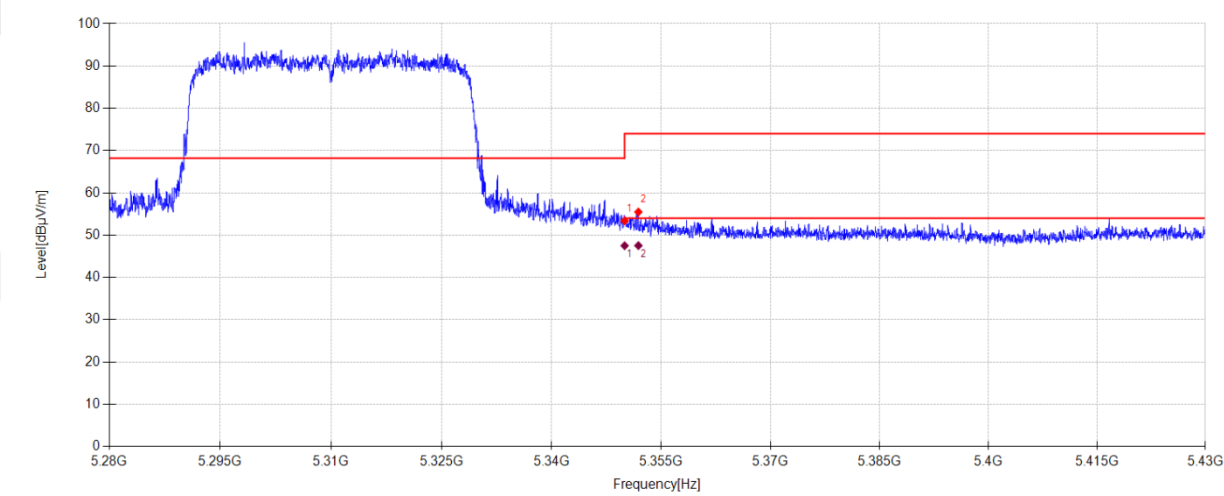
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\76

Memo:

Number:S25061119-002 Power Setting:17



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	5350.000	44.49	33.10	5.41	-29.60	53.40	68.20	14.80	PK	Vertical
2	5351.880	46.57	33.10	5.41	-29.60	55.48	74.00	18.52	PK	Vertical

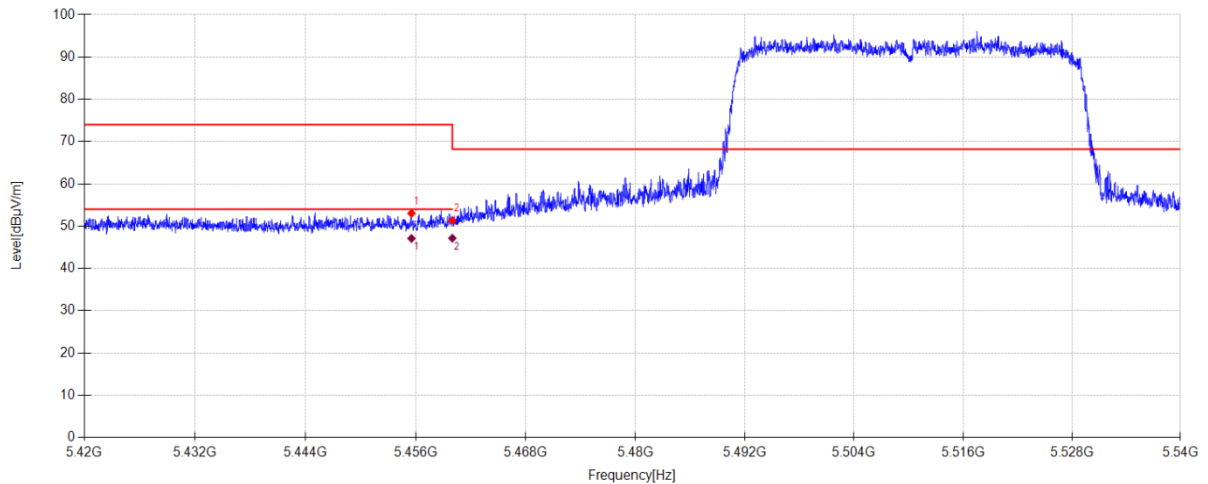
Final Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.59	33.10	5.41	47.50	54.0	6.50	AV	Vertical	
2	5351.880	38.62	33.10	5.41	47.53	54.0	6.47	AV	Vertical	

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 AC40 5510MHz 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 5G\77
Memo: Number:S25061119-002 Power Setting:17



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	5455.544	44.15	33.00	5.48	-29.60	53.03	74.00	20.97	PK	Horizontal
2	5460.000	42.47	33.00	5.48	-29.60	51.35	68.20	16.85	PK	Horizontal

Final Data List

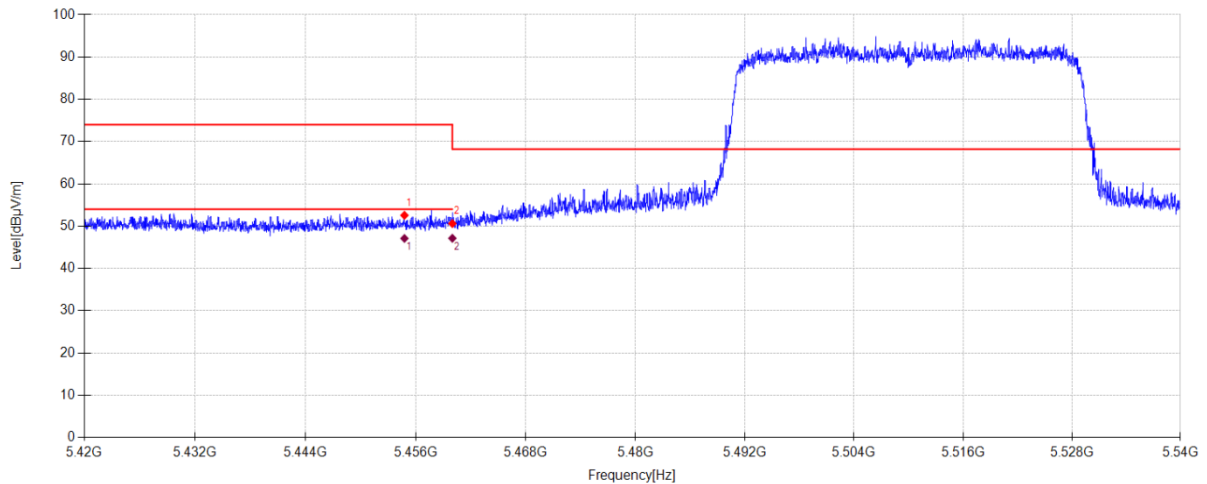
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5455.544	38.21	33.00	5.48	47.09	54.0	6.91	AV	Horizontal
2	5460.000	38.27	33.00	5.48	47.15	54.0	6.85	AV	Horizontal

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: 2025-07-19
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 AC40 5510MHz 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 5G\78
Memo: Number:S25061119-002 Power Setting:17



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	5454.776	43.68	33.00	5.48	-29.60	52.56	74.00	21.44	PK	Vertical
2	5460.000	41.73	33.00	5.48	-29.60	50.61	68.20	17.59	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	5454.776	38.22	33.00	5.48	47.10	54.0	6.90	AV	Vertical
2	5460.000	38.26	33.00	5.48	47.14	54.0	6.86	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:

2025-07-19

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 AC40 5670MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

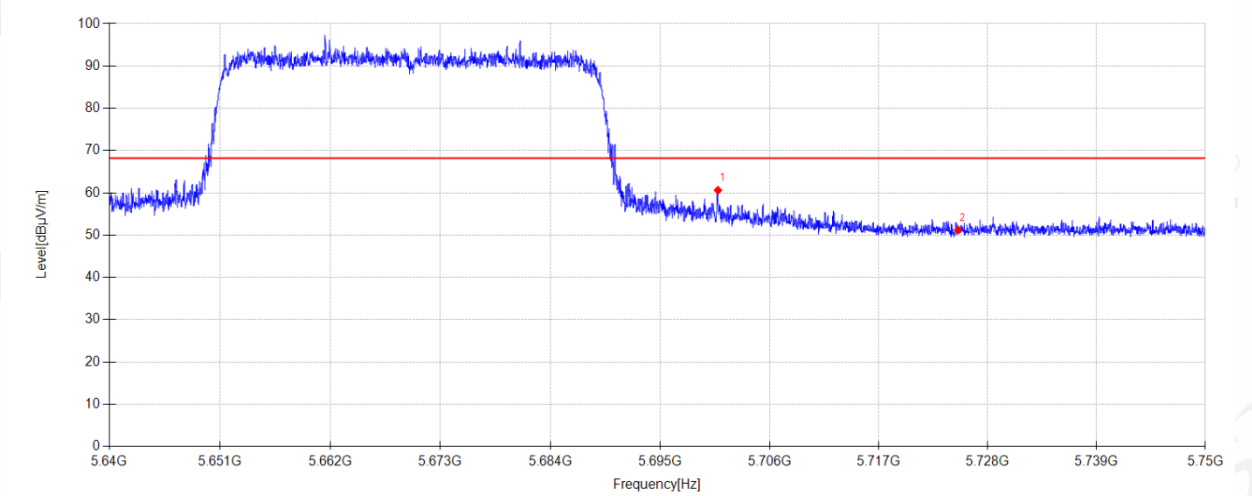
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\79

Memo:

Number:S25061119-002 Power Setting:17



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	5700.819	50.97	33.60	5.64	-29.60	60.61	68.20	7.59	PK	Horizontal
2	5725.000	41.39	33.75	5.66	-29.60	51.20	68.20	17.00	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 AC40 5670MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

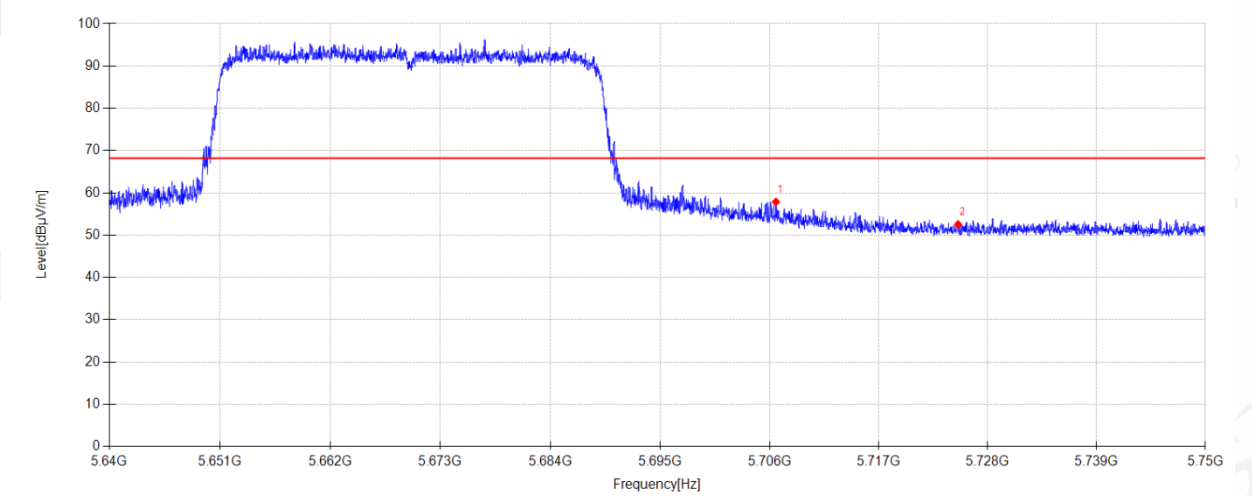
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\80

Memo:

Number:S25061119-002 Power Setting:17



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	5706.649	48.19	33.64	5.65	-29.60	57.88	68.20	10.32	PK	Vertical
2	5725.000	42.72	33.75	5.66	-29.60	52.53	68.20	15.67	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 11A 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

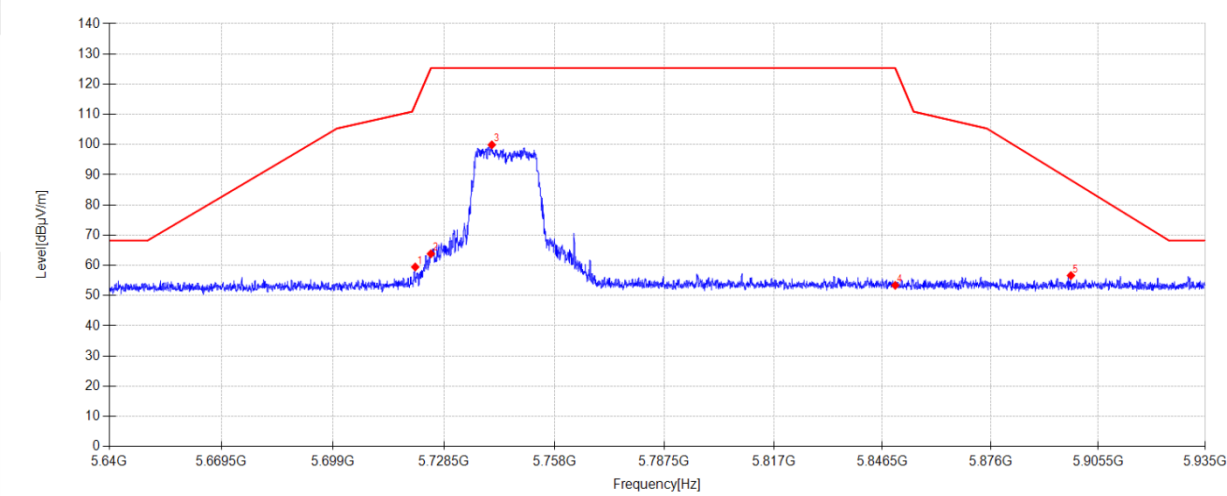
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\1

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	5720.830	49.69	33.72	5.66	-29.60	59.47	113.29	53.82	PK	Horizontal
2	5725.000	54.03	33.75	5.66	-29.60	63.84	125.30	61.46	PK	Horizontal
3	5741.244	89.98	33.85	5.67	-29.60	99.90	125.30	25.40	PK	Horizontal
4	5850.000	43.25	34.00	5.74	-29.60	53.39	125.30	71.91	PK	Horizontal
5	5898.007	46.37	34.10	5.77	-29.60	56.64	88.23	31.59	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 11A 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

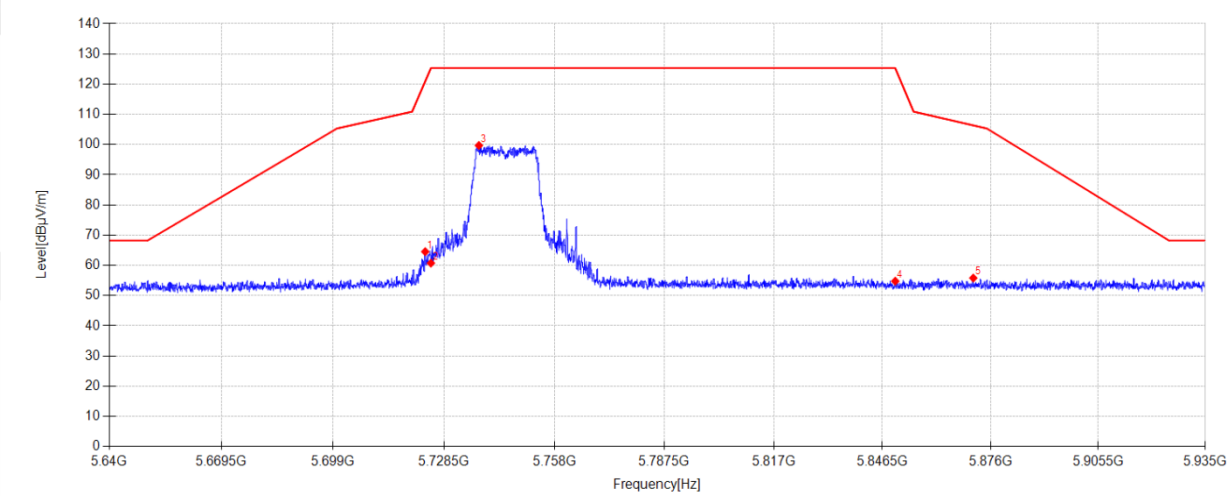
DDT 3# Chamber

File Path:

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

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	5723.485	54.73	33.74	5.66	-29.60	64.53	120.94	56.41	PK	Vertical
2	5725.000	50.91	33.75	5.66	-29.60	60.72	125.30	64.58	PK	Vertical
3	5737.793	89.79	33.83	5.67	-29.60	99.69	125.30	25.61	PK	Vertical
4	5850.000	44.63	34.00	5.74	-29.60	54.77	125.30	70.53	PK	Vertical
5	5871.280	45.61	34.04	5.76	-29.60	55.81	106.34	50.53	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 11A 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

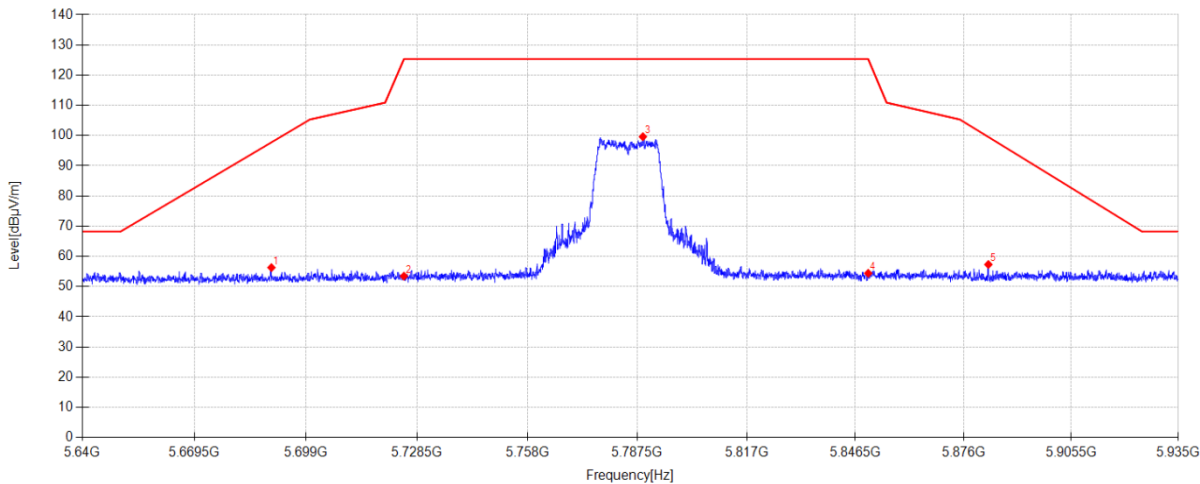
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\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	5689.826	46.69	33.56	5.64	-29.60	56.29	97.75	41.46	PK	Horizontal
2	5725.000	43.64	33.75	5.66	-29.60	53.45	125.30	71.85	PK	Horizontal
3	5789.005	89.39	34.13	5.70	-29.60	99.62	125.30	25.68	PK	Horizontal
4	5850.000	44.26	34.00	5.74	-29.60	54.40	125.30	70.90	PK	Horizontal
5	5882.785	47.07	34.07	5.76	-29.60	57.30	99.52	42.22	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 11A 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

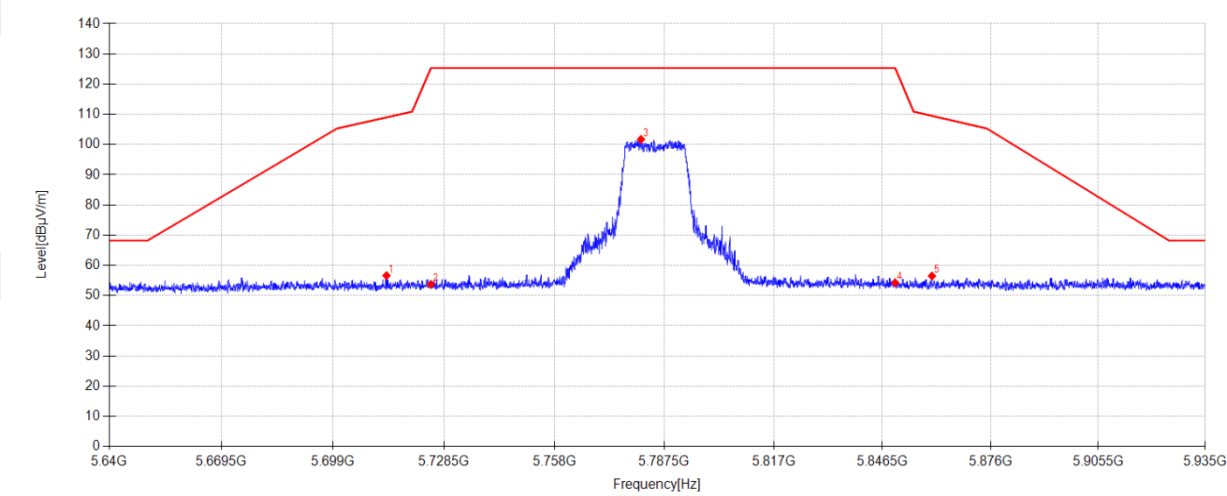
DDT 3# Chamber

File Path:

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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	5713.190	46.89	33.68	5.65	-29.60	56.62	108.99	52.37	PK	Vertical
2	5725.000	43.88	33.75	5.66	-29.60	53.69	125.30	71.61	PK	Vertical
3	5781.217	91.52	34.09	5.70	-29.60	101.71	125.30	23.59	PK	Vertical
4	5850.000	44.08	34.00	5.74	-29.60	54.22	125.30	71.08	PK	Vertical
5	5860.011	46.31	34.02	5.75	-29.60	56.48	109.50	53.02	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

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 11A 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

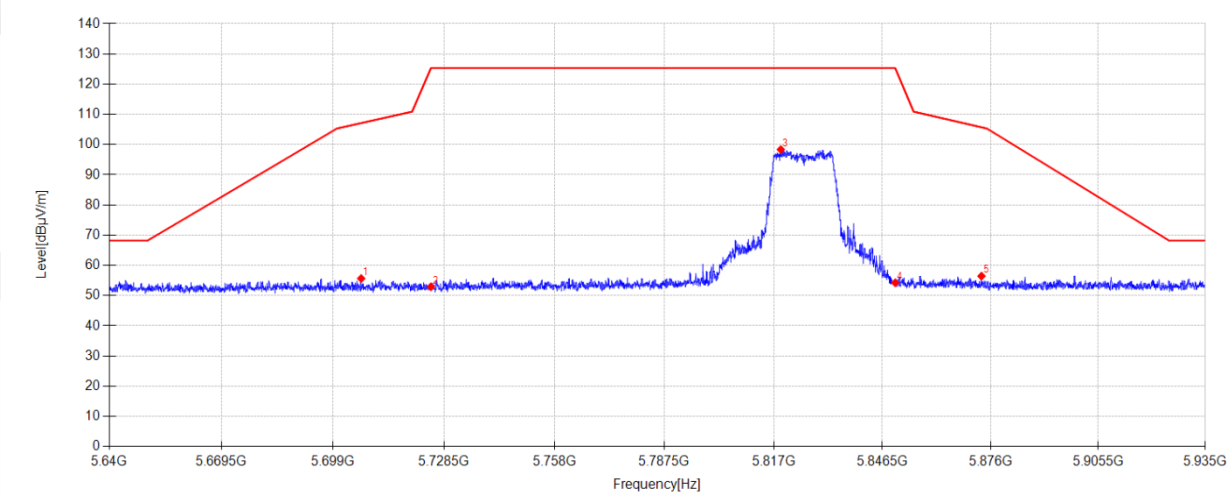
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\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	5706.464	45.96	33.64	5.65	-29.60	55.65	107.11	51.46	PK	Horizontal
2	5725.000	43.08	33.75	5.66	-29.60	52.89	125.30	72.41	PK	Horizontal
3	5818.947	88.11	34.12	5.72	-29.60	98.35	125.30	26.95	PK	Horizontal
4	5850.000	44.10	34.00	5.74	-29.60	54.24	125.30	71.06	PK	Horizontal
5	5873.522	46.23	34.05	5.76	-29.60	56.44	105.71	49.27	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 11A 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

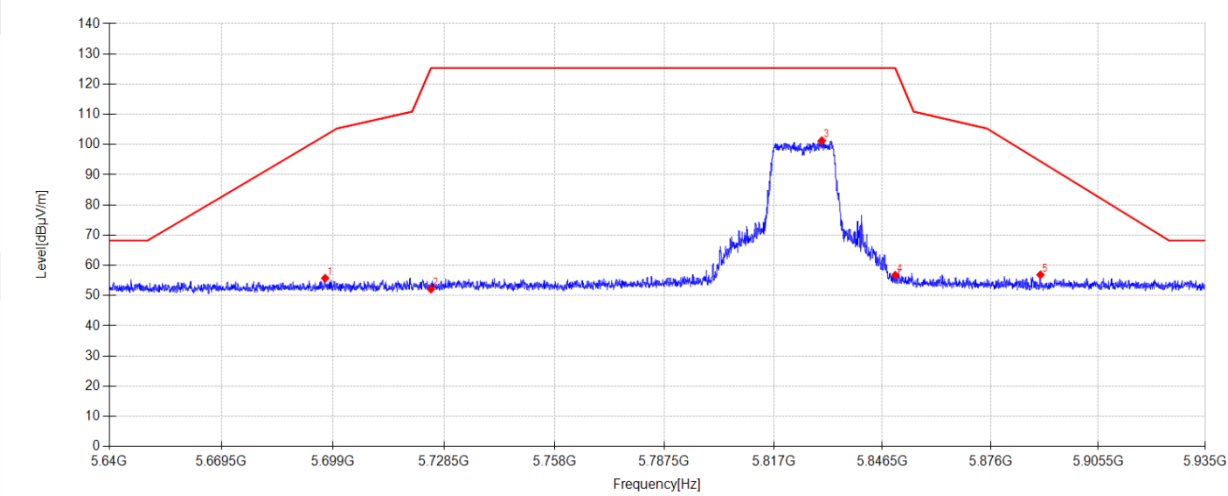
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\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	5696.906	46.09	33.59	5.64	-29.60	55.72	103.00	47.28	PK	Vertical
2	5725.000	42.30	33.75	5.66	-29.60	52.11	125.30	73.19	PK	Vertical
3	5830.069	91.07	34.08	5.73	-29.60	101.28	125.30	24.02	PK	Vertical
4	5850.000	46.61	34.00	5.74	-29.60	56.75	125.30	68.55	PK	Vertical
5	5889.659	46.63	34.08	5.77	-29.60	56.88	94.42	37.54	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 N20 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

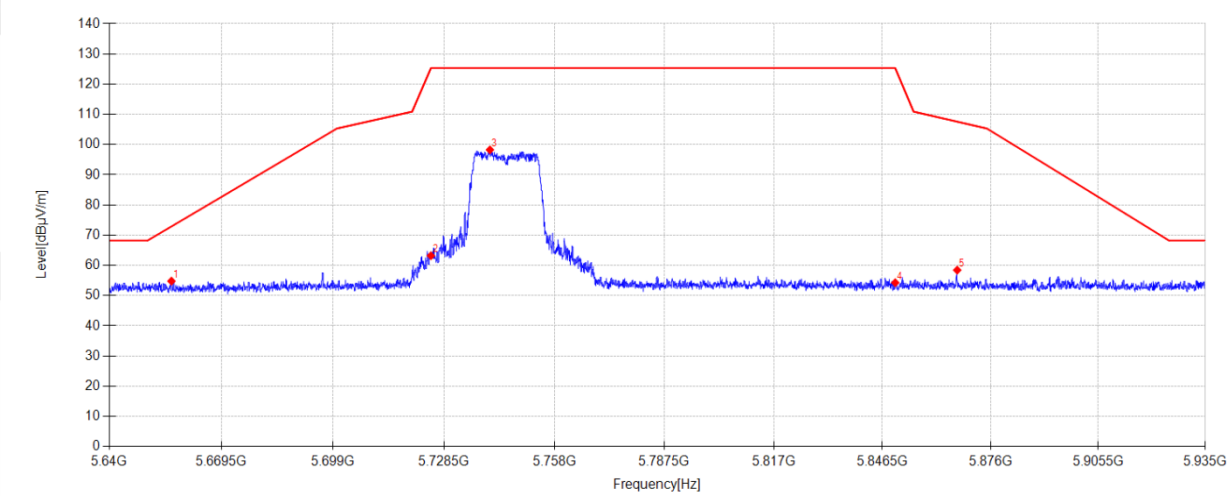
DDT 3# Chamber

File Path:

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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	5656.314	45.34	33.43	5.61	-29.60	54.78	72.88	18.10	PK	Horizontal
2	5725.000	53.38	33.75	5.66	-29.60	63.19	125.30	62.11	PK	Horizontal
3	5740.743	88.35	33.84	5.67	-29.60	98.26	125.30	27.04	PK	Horizontal
4	5850.000	44.12	34.00	5.74	-29.60	54.26	125.30	71.04	PK	Horizontal
5	5866.885	48.24	34.03	5.75	-29.60	58.42	107.57	49.15	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 N20 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

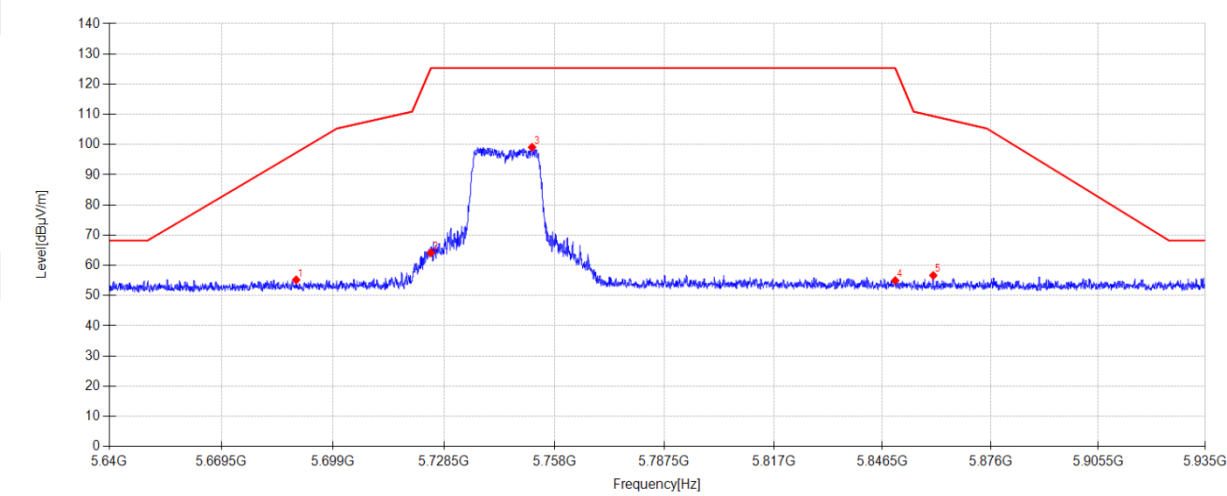
DDT 3# Chamber

File Path:

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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	5689.236	45.60	33.56	5.63	-29.60	55.19	97.31	42.12	PK	Vertical
2	5725.000	54.32	33.75	5.66	-29.60	64.13	125.30	61.17	PK	Vertical
3	5752.012	89.11	33.91	5.68	-29.60	99.10	125.30	26.20	PK	Vertical
4	5850.000	44.82	34.00	5.74	-29.60	54.96	125.30	70.34	PK	Vertical
5	5860.365	46.49	34.02	5.75	-29.60	56.66	109.40	52.74	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 N20 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

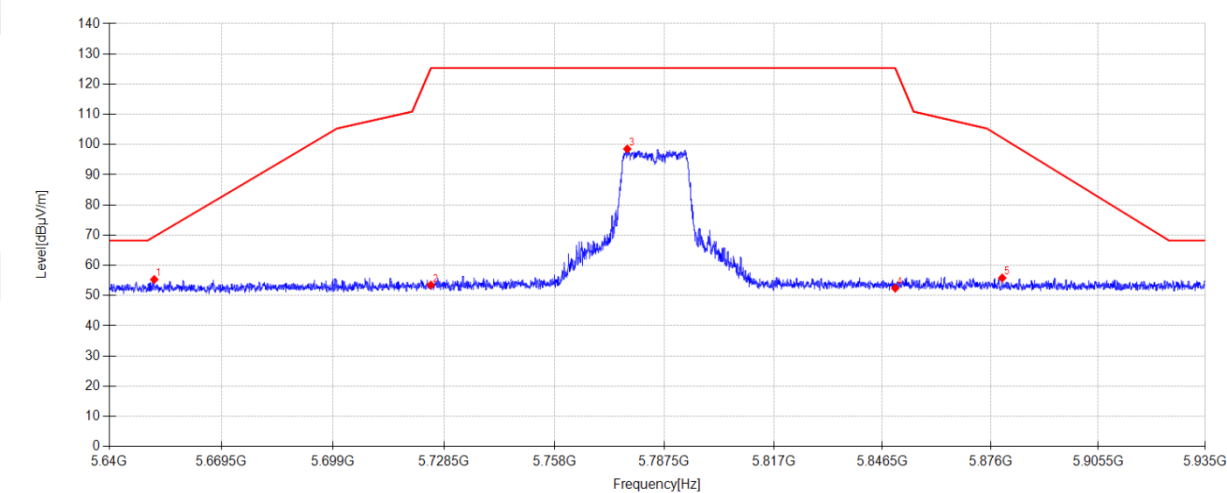
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\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	5651.800	45.90	33.41	5.61	-29.60	55.32	69.54	14.22	PK	Horizontal
2	5725.000	43.69	33.75	5.66	-29.60	53.50	125.30	71.80	PK	Horizontal
3	5777.529	88.38	34.07	5.69	-29.60	98.54	125.30	26.76	PK	Horizontal
4	5850.000	42.30	34.00	5.74	-29.60	52.44	125.30	72.86	PK	Horizontal
5	5879.186	45.61	34.06	5.76	-29.60	55.83	102.19	46.36	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:

2025-07-19

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 N20 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

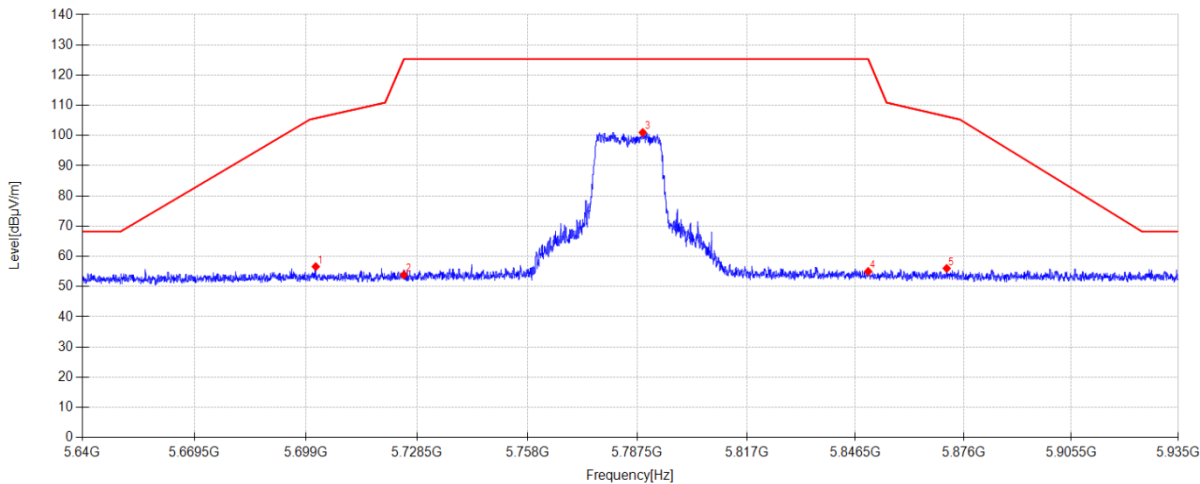
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\10

Memo:

Sample Number:S25061119-002



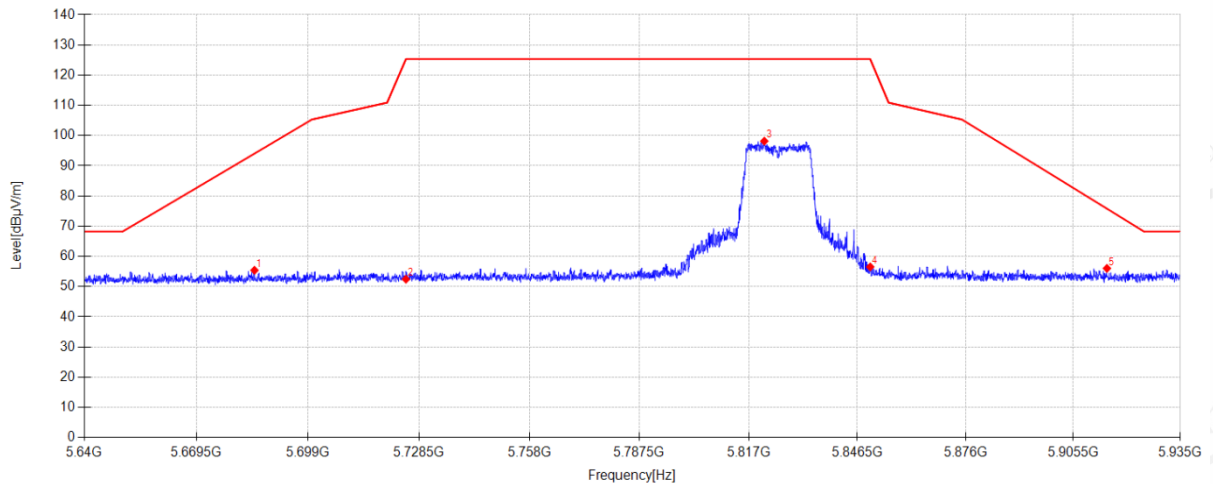
Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5701.567	46.95	33.61	5.64	-29.60	56.60	105.74	49.14	PK	Vertical
2	5725.000	44.08	33.75	5.66	-29.60	53.89	125.30	71.41	PK	Vertical
3	5788.975	90.78	34.13	5.70	-29.60	101.01	125.30	24.29	PK	Vertical
4	5850.000	44.86	34.00	5.74	-29.60	55.00	125.30	70.30	PK	Vertical
5	5871.398	45.82	34.04	5.76	-29.60	56.02	106.31	50.29	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 N20 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\7
Memo: Sample Number:S25061119-002



Suspected Data List

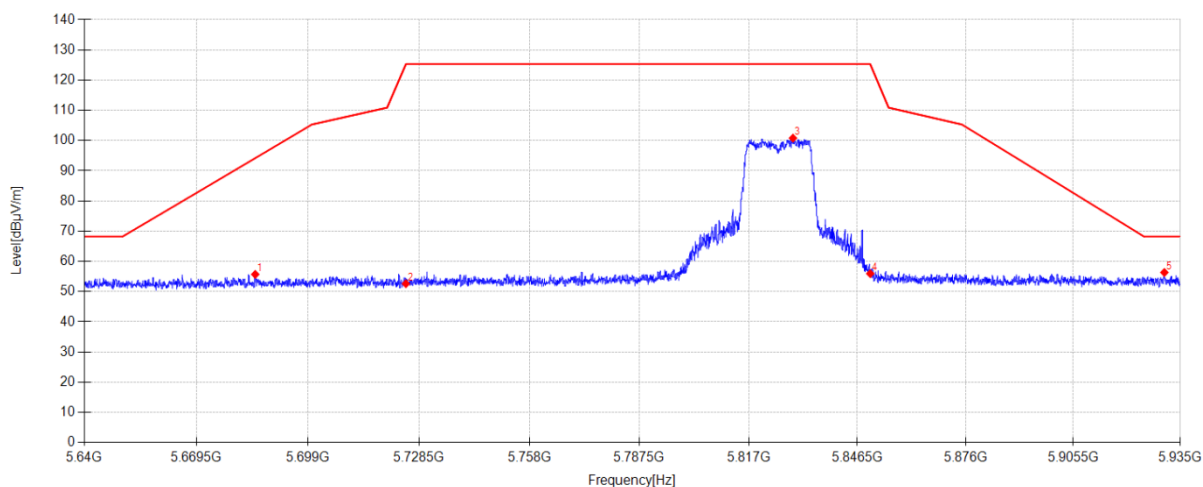
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5684.811	45.83	33.54	5.63	-29.60	55.40	94.03	38.63	PK	Horizontal
2	5725.000	42.62	33.75	5.66	-29.60	52.43	125.30	72.87	PK	Horizontal
3	5821.248	87.91	34.12	5.72	-29.60	98.15	125.30	27.15	PK	Horizontal
4	5850.000	46.38	34.00	5.74	-29.60	56.52	125.30	68.78	PK	Horizontal
5	5914.763	45.72	34.13	5.78	-29.60	56.03	75.80	19.77	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 N20 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\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	5685.017	46.12	33.54	5.63	-29.60	55.69	94.18	38.49	PK	Vertical
2	5725.000	42.79	33.75	5.66	-29.60	52.60	125.30	72.70	PK	Vertical
3	5829.007	90.58	34.08	5.73	-29.60	100.79	125.30	24.51	PK	Vertical
4	5850.000	45.80	34.00	5.74	-29.60	55.94	125.30	69.36	PK	Vertical
5	5930.605	45.98	34.16	5.79	-29.60	56.33	68.20	11.87	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 AX20 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

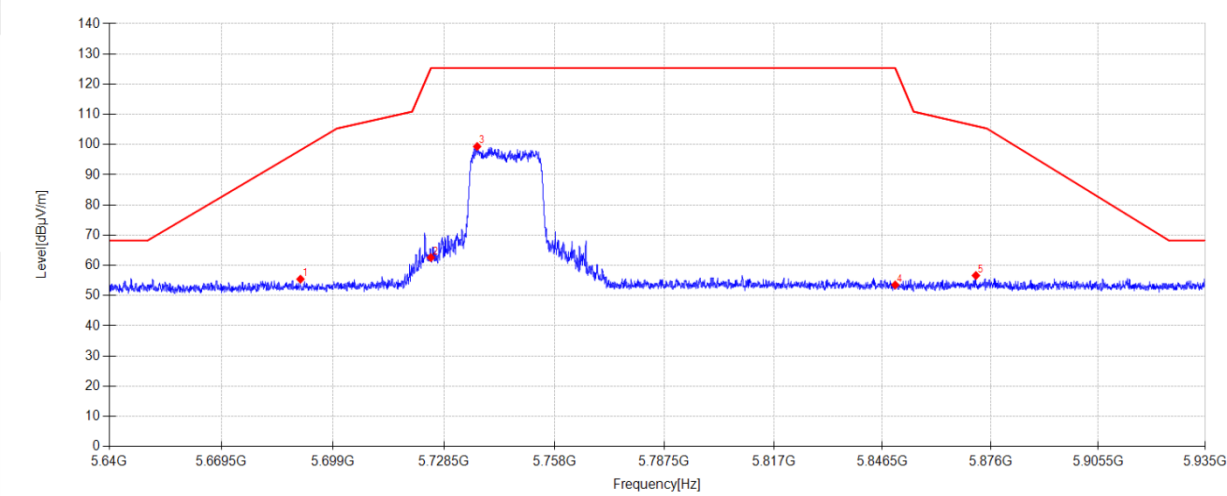
DDT 3# Chamber

File Path:

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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	5690.357	45.83	33.56	5.64	-29.60	55.43	98.14	42.71	PK	Horizontal
2	5725.000	52.78	33.75	5.66	-29.60	62.59	125.30	62.71	PK	Horizontal
3	5737.321	89.46	33.82	5.67	-29.60	99.35	125.30	25.95	PK	Horizontal
4	5850.000	43.38	34.00	5.74	-29.60	53.52	125.30	71.78	PK	Horizontal
5	5871.988	46.43	34.04	5.76	-29.60	56.63	106.14	49.51	PK	Horizontal

Note:

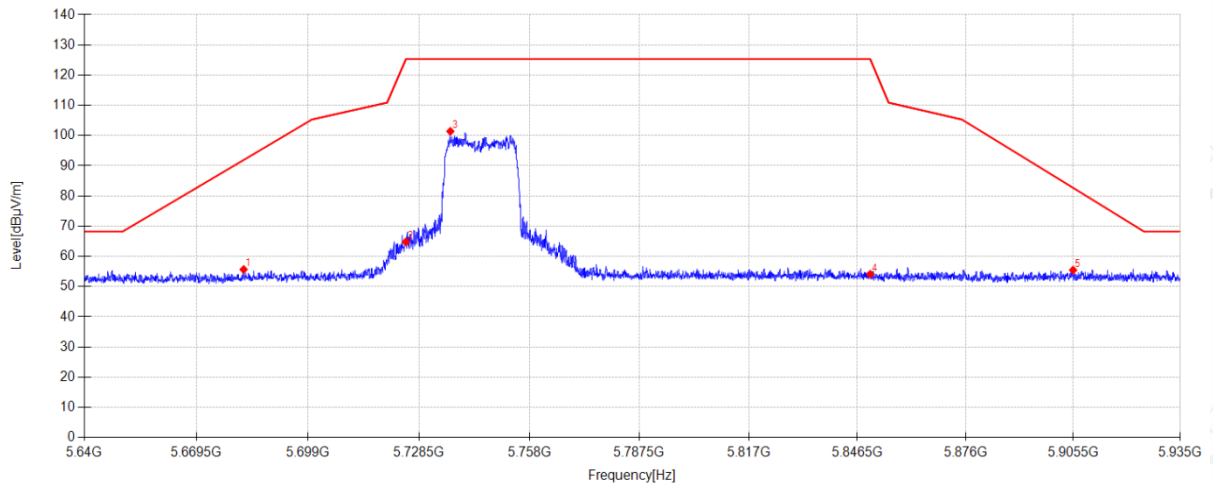
1. Level = Reading + Cable loss + Antenna Factor + AMP

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 AX20 5745MHz 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\14
Memo: Sample Number:S25061119-002

**Suspected Data List**

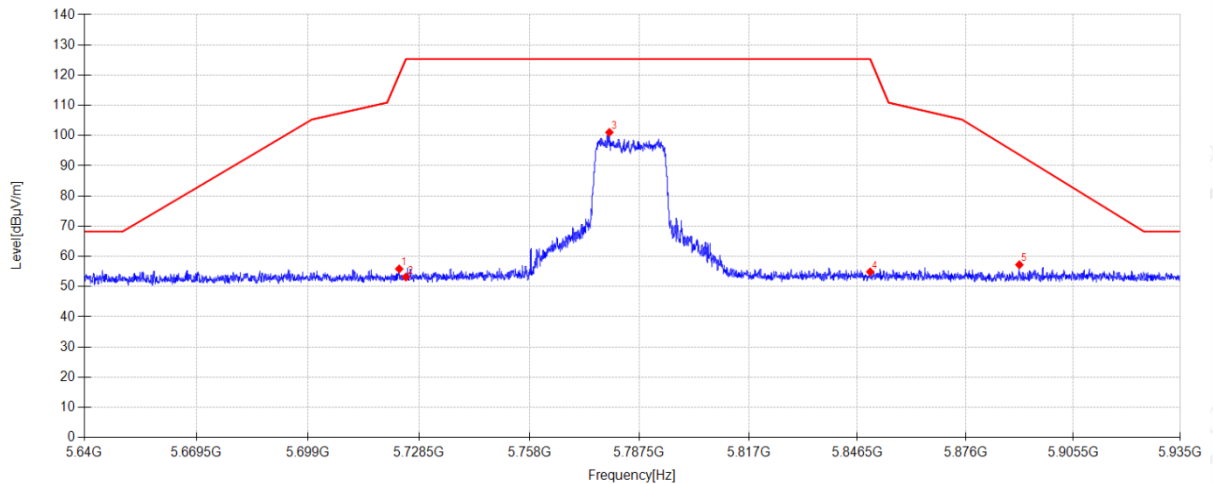
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5681.949	46.10	33.53	5.63	-29.60	55.66	91.91	36.25	PK	Vertical
2	5725.000	54.99	33.75	5.66	-29.60	64.80	125.30	60.50	PK	Vertical
3	5736.849	91.51	33.82	5.67	-29.60	101.40	125.30	23.90	PK	Vertical
4	5850.000	43.94	34.00	5.74	-29.60	54.08	125.30	71.22	PK	Vertical
5	5905.471	45.16	34.11	5.78	-29.60	55.45	82.69	27.24	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 AX20 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\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	5723.220	46.04	33.74	5.66	-29.60	55.84	120.17	64.33	PK	Horizontal
2	5725.000	43.36	33.75	5.66	-29.60	53.17	125.30	72.13	PK	Horizontal
3	5779.447	90.88	34.08	5.69	-29.60	101.05	125.30	24.25	PK	Horizontal
4	5850.000	44.73	34.00	5.74	-29.60	54.87	125.30	70.43	PK	Horizontal
5	5890.721	46.97	34.08	5.77	-29.60	57.22	93.64	36.42	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 AX20 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

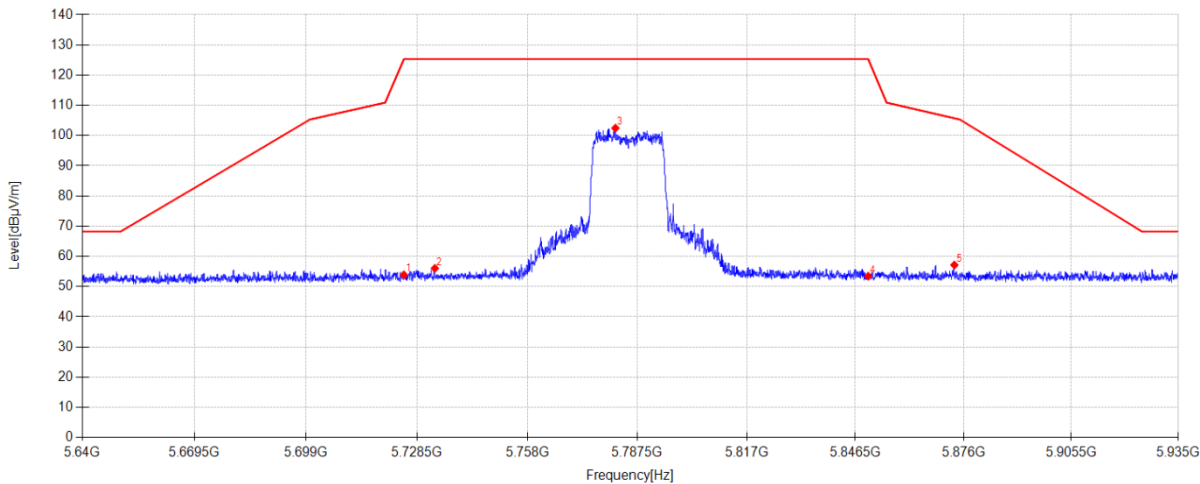
DDT 3# Chamber

File Path:

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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	5725.000	44.07	33.75	5.66	-29.60	53.88	125.30	71.42	PK	Vertical
2	5733.250	46.18	33.80	5.66	-29.60	56.04	125.30	69.26	PK	Vertical
3	5781.600	92.27	34.09	5.70	-29.60	102.46	125.30	22.84	PK	Vertical
4	5850.000	43.31	34.00	5.74	-29.60	53.45	125.30	71.85	PK	Vertical
5	5873.493	46.93	34.05	5.76	-29.60	57.14	105.72	48.58	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 AX20 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

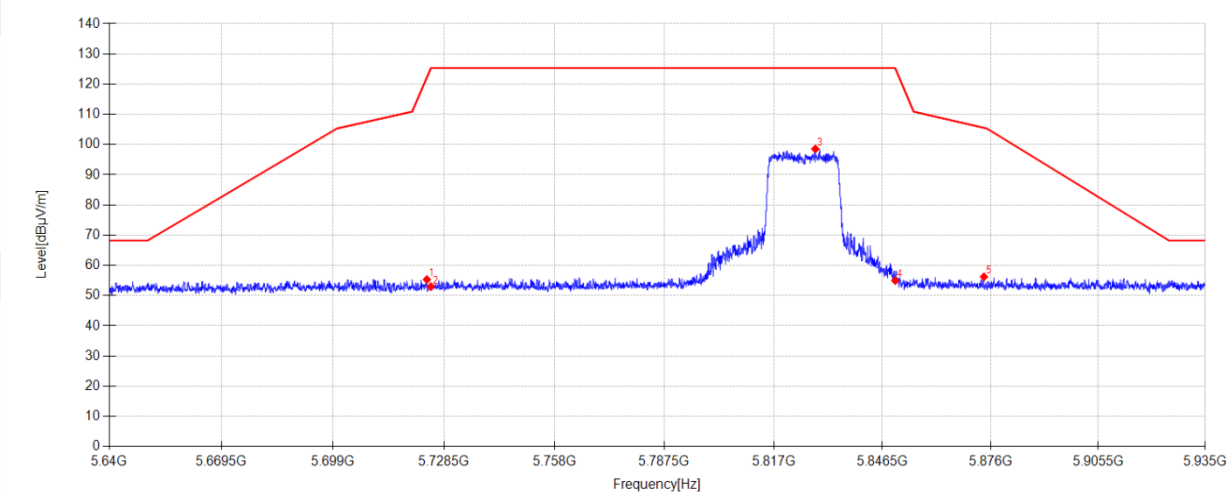
DDT 3# Chamber

File Path:

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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	5723.928	45.51	33.74	5.66	-29.60	55.31	122.21	66.90	PK	Horizontal
2	5725.000	43.14	33.75	5.66	-29.60	52.95	125.30	72.35	PK	Horizontal
3	5828.299	88.32	34.09	5.73	-29.60	98.54	125.30	26.76	PK	Horizontal
4	5850.000	44.84	34.00	5.74	-29.60	54.98	125.30	70.32	PK	Horizontal
5	5874.201	46.00	34.05	5.76	-29.60	56.21	105.52	49.31	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 AX20 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

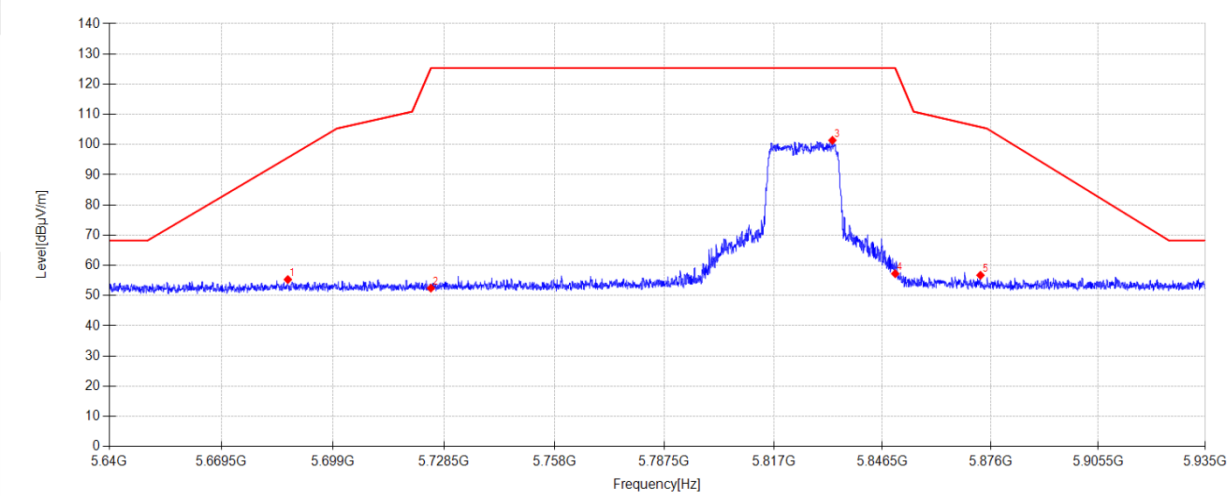
DDT 3# Chamber

File Path:

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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	5687.023	45.72	33.55	5.63	-29.60	55.30	95.67	40.37	PK	Vertical
2	5725.000	42.64	33.75	5.66	-29.60	52.45	125.30	72.85	PK	Vertical
3	5832.930	91.19	34.07	5.73	-29.60	101.39	125.30	23.91	PK	Vertical
4	5850.000	47.11	34.00	5.74	-29.60	57.25	125.30	68.05	PK	Vertical
5	5873.257	46.51	34.05	5.76	-29.60	56.72	105.79	49.07	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 AC20 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

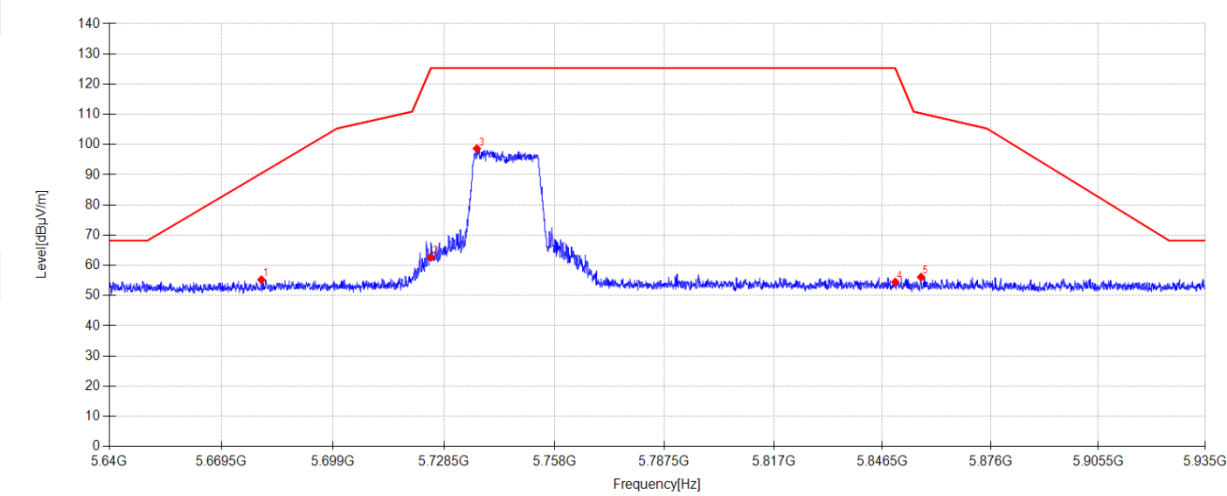
DDT 3# Chamber

File Path:

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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	5680.032	45.71	33.52	5.63	-29.60	55.26	90.48	35.22	PK	Horizontal
2	5725.000	52.86	33.75	5.66	-29.60	62.67	125.30	62.63	PK	Horizontal
3	5737.262	88.78	33.82	5.67	-29.60	98.67	125.30	26.63	PK	Horizontal
4	5850.000	44.35	34.00	5.74	-29.60	54.49	125.30	70.81	PK	Horizontal
5	5857.032	45.95	34.01	5.75	-29.60	56.11	110.33	54.22	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 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

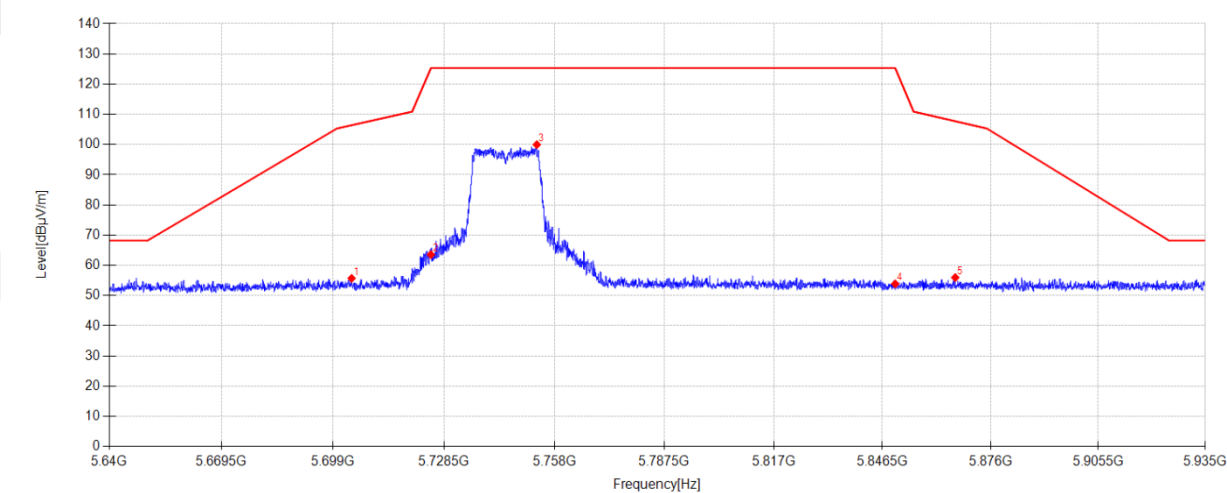
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5.8G\20

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	5703.927	46.05	33.62	5.64	-29.60	55.71	106.40	50.69	PK	Vertical
2	5725.000	53.75	33.75	5.66	-29.60	63.56	125.30	61.74	PK	Vertical
3	5753.280	89.97	33.92	5.68	-29.60	99.97	125.30	25.33	PK	Vertical
4	5850.000	43.73	34.00	5.74	-29.60	53.87	125.30	71.43	PK	Vertical
5	5866.354	45.79	34.03	5.75	-29.60	55.97	107.72	51.75	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.