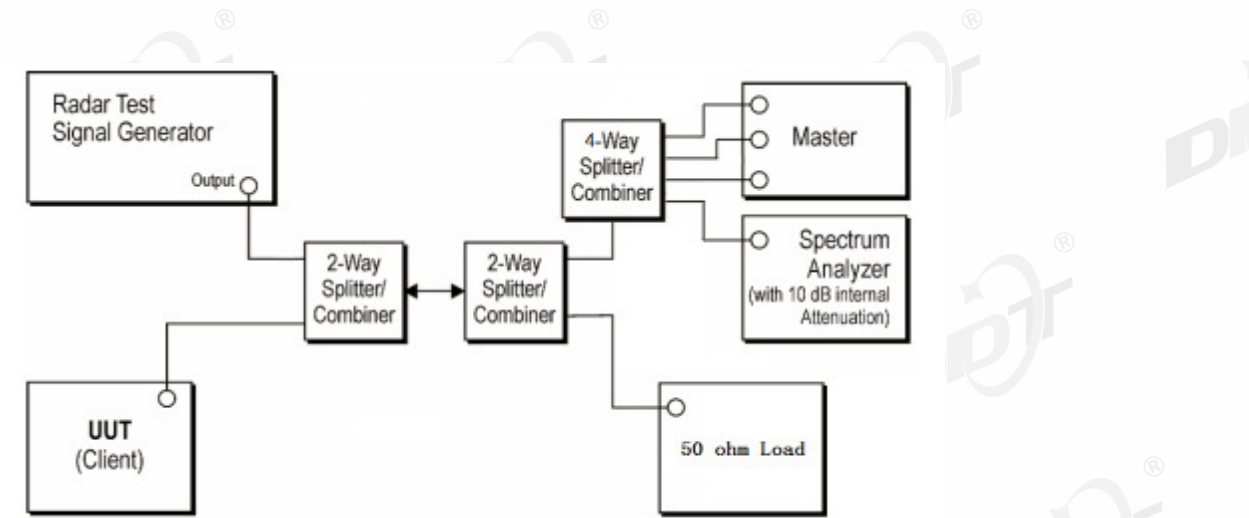
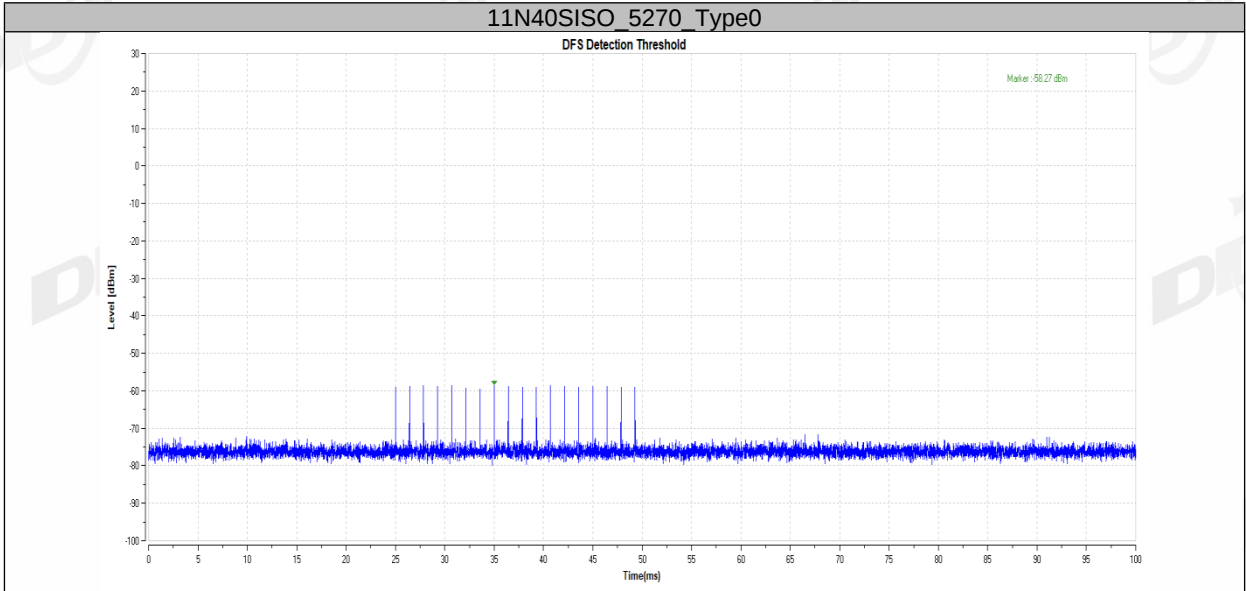




Note: 1. Use the software "Web" to set the frequency channel.
2. EUT is not support TPC and not with Radar detection.

Radar Waveform Calibration Result:

TestMode	Frequency[MHz]	Radar Type	Result	Limit[dbm]	Verdict
11N40SISO	5270	Type0	-58.27	-57.99	PASS



11.6. Channel closing transmission time, channel move time and non-occupancy period

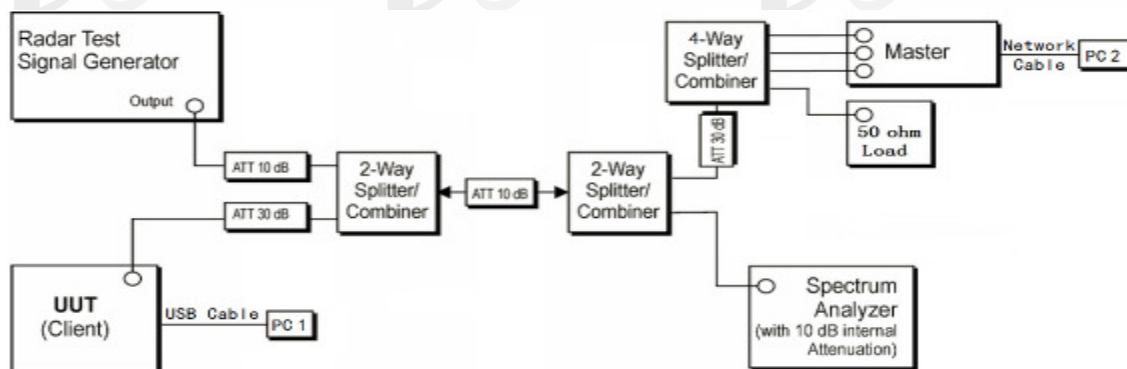
Block diagram of test setup Test Procedure:

- (1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- (2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- (3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- (4) After powering on for 110 seconds, the EUT and the master are both fully operational.
- (5) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Test Software in order to properly load the network for the entire period of the test.
- (6) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- (7) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- (8) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the
- (9) spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

11.7. Test setup

Setup for Client with injection at the Master

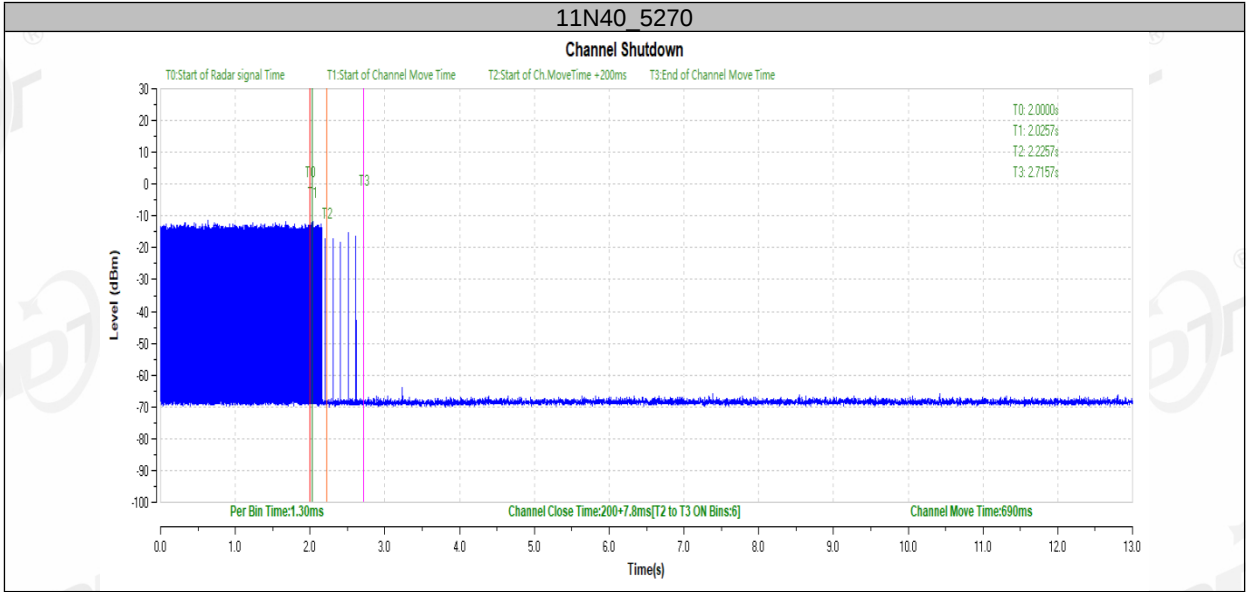


11.8. Test result

Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	25.2-26.8°C,34.7-41.5%RH	Test Date:	2025.07.17-2025.07.23
Test Power Supply:	AC 120V	Sample Number:	S25061119-001

TestMode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11N40	5270	200+7.8	200+60	690	10000	PASS

Test plots as follows:



12. Antenna Requirements

12.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For intentional device, according to RSS-Gen issue 5 section 6.8.

The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

12.2. Result

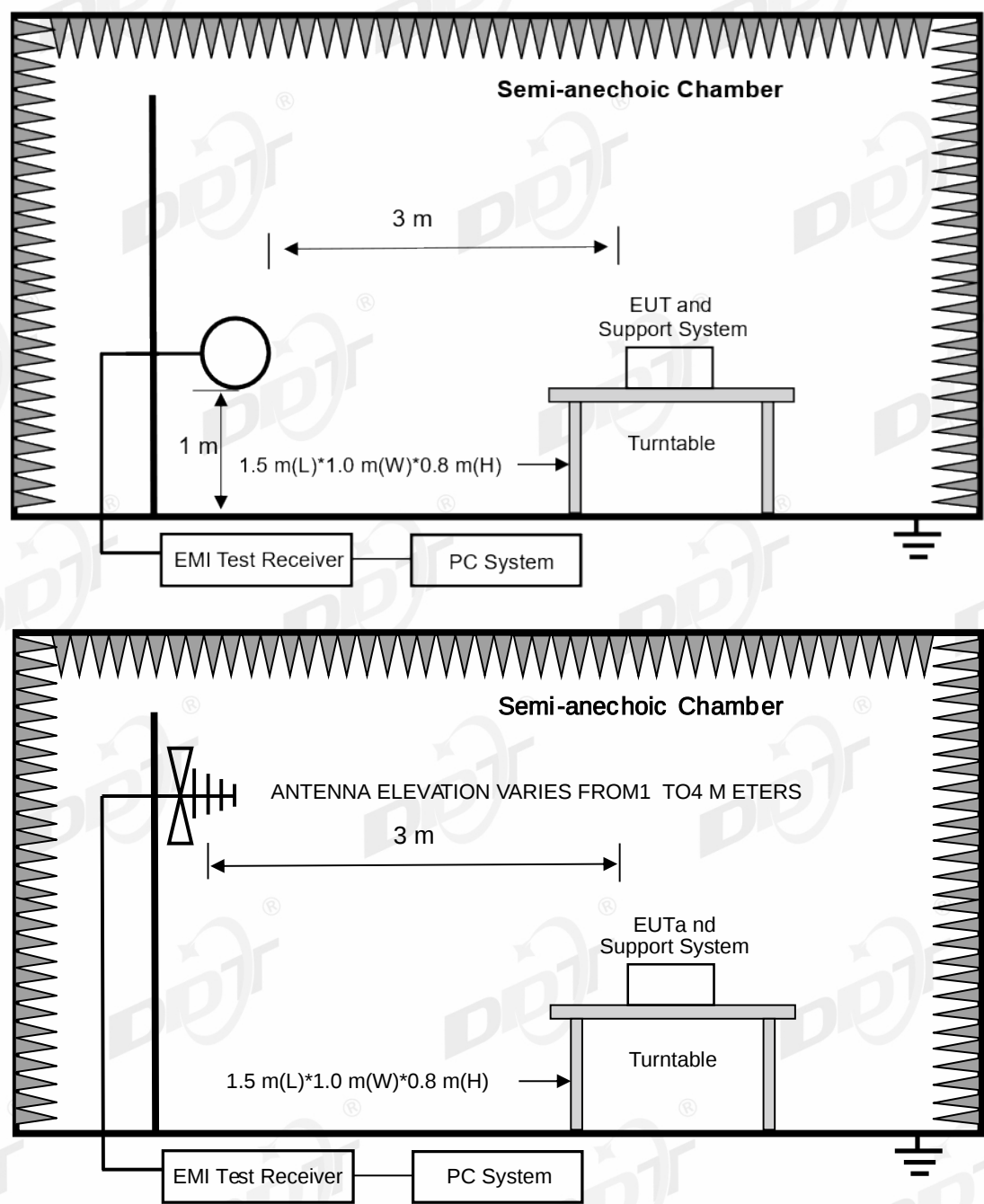
The antenna used for this product as Antenna information described in section 2.1 of the report, and there is no other antenna than that furnished by the responsible party shall be used with the device.

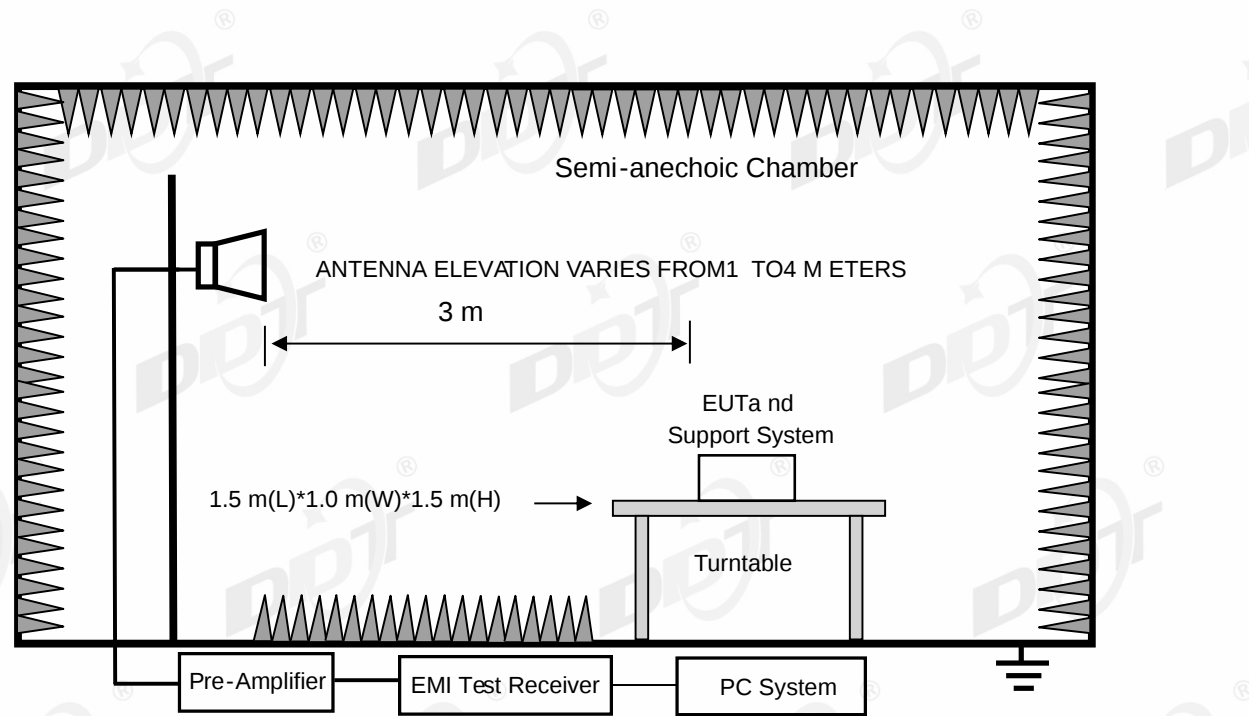
13. Radiated Emission

13.1. Test equipment

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

13.2. Block diagram of test setup





13.3. Limits

(1) FCC 15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.1772&4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.2072&4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	² 240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

1Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

2Above 38.6

RSS-Gen section 8.10 Restricted frequency bands*

MHz	MHz	MHz	GHz
0.090-0.110	12.51975-12.52025	240-285	3.5-4.4
0.495-0.505	12.57675-12.57725	322-335.4	4.5-5.15
2.1735-2.1905	13.36-13.41	399.9-410	5.35-5.46
3.020-3.026	16.42-16.423	608-614	7.25-7.75
4.125-4.128	16.69475-16.69525	960-1427	8.025-8.5
4.1772&4.17775	16.80425-16.80475	1435-1626.5	9.0-9.2
4.2072&4.20775	25.5-25.67	1645.5-1646.5	9.3-9.5
5.677-5.683	37.5-38.25	1660-1710	10.6-12.7
6.215-6.218	73-74.6	1718.8-1722.2	13.25-13.4
6.26775-6.26825	74.8-75.2	2200-2300	14.47-14.5
6.31175-6.31225	108-138	2310-2390	15.35-16.2
8.291-8.294	149.9-150.05	2483.5-2500	17.7-21.4
8.362-8.366	156.52475-156.52525	2655-2900	22.01-23.12
8.37625-8.38675	156.7-156.9	3260-3267	23.6-24.0
8.41425-8.41475	162.0125-167.17	3332-3339	31.2-31.8
12.29-12.293	167.72-173.2	3345.8-3358	36.43-36.5
			Above 38.6

* Certain frequency bands listed in table and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

(2) FCC 15.209 Limit & RSS-Gen section 8.9 Limit

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		uV/m	dBuV/m
0.009 ~ 0.490	300	2400/F(kHz)	67.6-20log(F)
0.490 ~ 1.705	30	24000/F(kHz)	87.6-20log(F)
1.705 ~ 30.0	30	30	29.54
30~88	3	100	40.0
88~216	3	150	43.5
216~960	3	200	46.0
960~1000	3	500	54.0
Above 1000	3	74.0 dBuV/m (Peak) 54.0 dBuV/m (Average)	

Note:

(1) The emission limits shown in the above table are based on measurements employing a CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz and above 1000 MHz, radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30 MHz, measurement may be performed at a distance closer than that specified, and the limit at closer measurement distance can be extrapolated by below formula:

$$\text{Limit}_{3m}(\text{dBuV/m}) = \text{Limit}_{30m}(\text{dBuV/m}) + 40\text{Log}(30m/3m)$$

(3) Limit for this EUT

The emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, and the emissions appearing within RSS-Gen section 8.10 Restricted frequency bands shall not exceed the limits shown in RSS-Gen section 8.9, all the other emissions shall be at least 20 dB below the fundamental emissions or comply with 15.209 limits and RSS-Gen section 8.9 limits.

13.4. Assistant equipment used for test

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

13.5. Test procedure

(1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber for below 1G and 150 cm above the ground plane inside a fully-anechoic chamber for above 1G.

(2) Test antenna was located 3 m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used	Test antenna distance
9 kHz - 30 MHz	Active Loop antenna	3 m
30 MHz - 1 GHz	Trilog Broadband Antenna	3 m
1 GHz - 18 GHz	Double Ridged Horn Antenna(1 GHz-18 GHz)	3 m
18 GHz - 40 GHz	Horn Antenna(18 GHz-40 GHz)	1 m

According ANSI C63.10:2013 clause 6.4.6 and 6.5.3, for measurements below 30 MHz, Antenna was located 3 m from EUT, the loop antenna was positioned in three antenna orientations (parallel, perpendicular, and round-parallel), for each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable, and the lowest height of the magnetic antenna shall be 1 m above the ground. For measurement above 30MHz, the trilog Broadband Antenna or Horn Antenna was located 3m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

(3) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9 kHz to 25 GHz:

(a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1 m to 4 m (Except loop antenna, it's fixed 1 m above ground.)

(b) Change work frequency or channel of device if practicable.

(c) Change modulation type of device if practicable.

(d) Change power supply range from 85% to 115% of the rated supply voltage

(e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Spectrum frequency from 9 kHz to 25 GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 18 GHz to 25 GHz, so below final test was performed with frequency range from 9 kHz to 18 GHz.

(4) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1 m and 4 m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed according to ANSI C63.10:2013 on Radiated Emission test.

(5) The emissions from 9 kHz to 1 GHz were measured based on CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz, for emissions from 9 kHz - 90 kHz, 110 kHz - 490 kHz and above 1 GHz were measured based on average detector, for emissions above 1 GHz, peak emissions also be measured and need comply with Peak limit.

(6) The emissions from 9 kHz to 1 GHz, QP or average values were measured with EMI receiver with below RBW.

Frequency band	RBW
9 kHz - 150 kHz	200 Hz
150 kHz - 30 MHz	9 kHz
30 MHz - 1 GHz	120 kHz

(7) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3 MHz for Peak measure; According ANSI C63.10:2013 clause 4.1.4.2.2 procedure for average measure.

(8) For portable device, X axis, Y axis, Z axis are tested, and worse setup is reported.

(9) According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz and 18 GHz to 40 GHz, so the final test was performed with frequency range from 30 MHz to 18 GHz and recorded in below.

(10) 30 MHz ~ 40 GHz: (Scan with all mode, the worst case is record and report)

(11) For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with the worst mode.

13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-08-06 **Tested By:** Nan Zhong

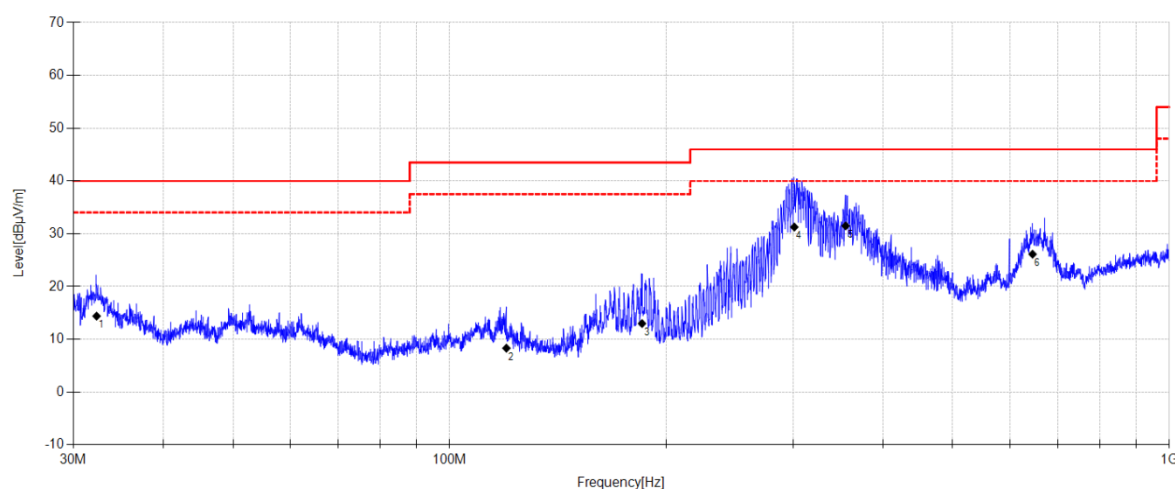
EUT: DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA **Model Number:** IP3MCB1A

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 BELOW 1G\20250806-171510_H

Memo: Number:S25061119-002



Final Data List

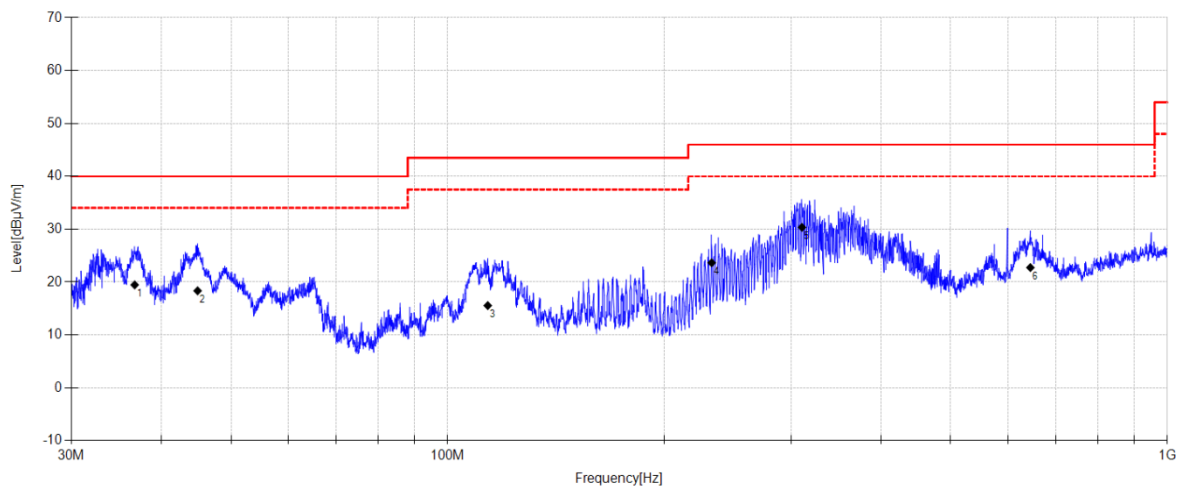
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	32.315	31.37	10.35	3.77	14.39	40.00	25.61	QP	Horizontal
2	119.906	25.12	9.98	4.33	8.31	43.50	35.19	QP	Horizontal
3	185.071	29.59	9.90	4.68	12.98	43.50	30.52	QP	Horizontal
4	301.283	43.73	13.70	5.23	31.26	46.00	14.74	QP	Horizontal
5	355.003	41.97	15.50	5.44	31.48	46.00	14.52	QP	Horizontal
6	645.629	31.96	19.14	6.52	26.12	46.00	19.88	QP	Horizontal

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-08-06
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 BELOW 1G\20250806-171556_V
Memo: Number:S25061119-002

**Final Data List**

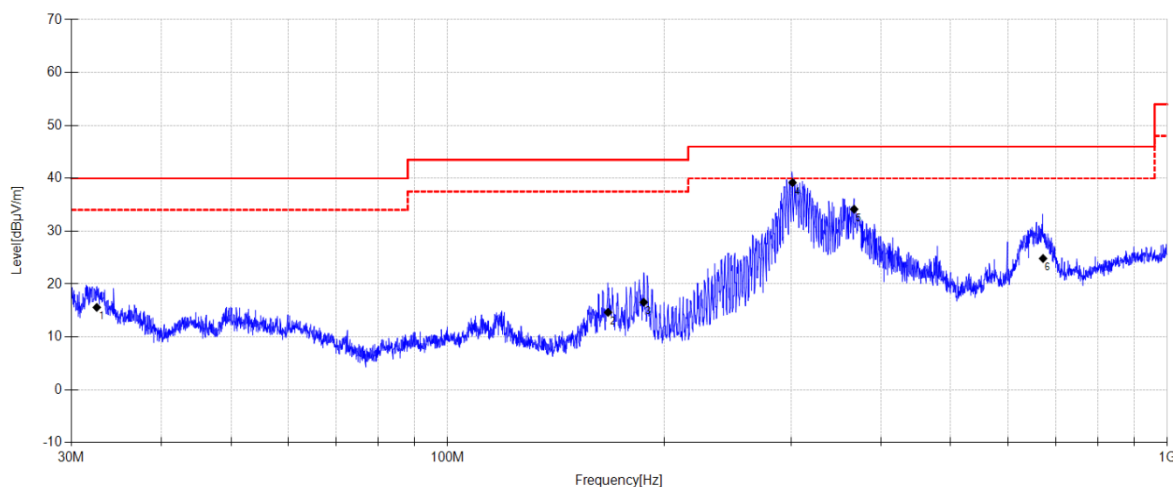
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36.739	35.01	11.75	3.80	19.46	40.00	20.54	QP	Vertical
2	44.928	32.39	13.19	3.85	18.33	40.00	21.67	QP	Vertical
3	113.684	31.33	11.03	4.29	15.54	43.50	27.96	QP	Vertical
4	232.763	38.42	11.58	4.91	23.64	46.00	22.36	QP	Vertical
5	310.723	43.16	13.33	5.26	30.34	46.00	15.66	QP	Vertical
6	645.176	28.61	19.11	6.51	22.73	46.00	23.27	QP	Vertical

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-08-06
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: d:\ts\2025 report date\Q25061119-2E\FCC BELOW 1G\20250806-171714_H
Memo: Number:S25061119-002

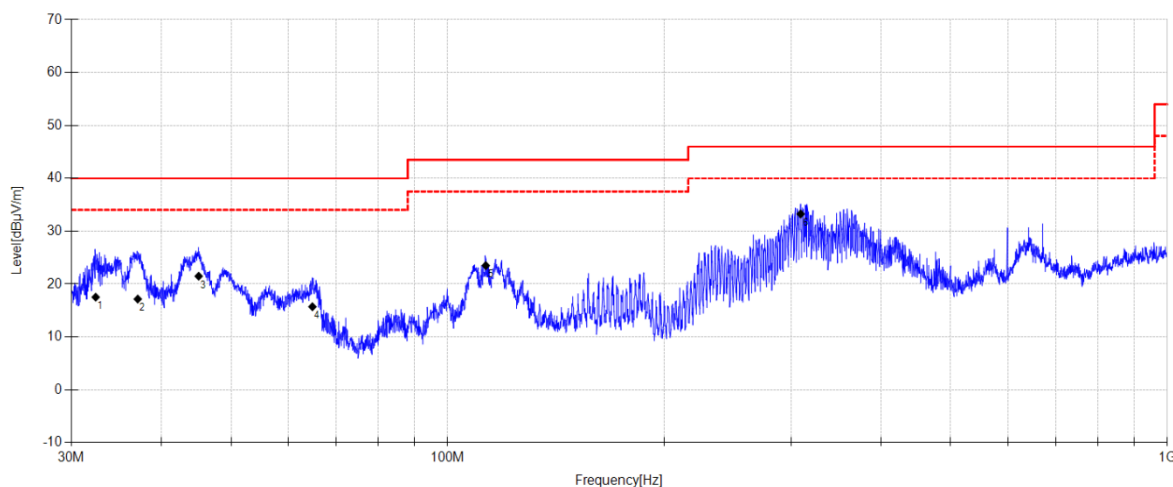
**Final Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	32.542	32.37	10.53	3.78	15.58	40.00	24.42	QP	Horizontal
2	167.062	32.42	8.81	4.58	14.64	43.50	28.86	QP	Horizontal
3	187.290	33.37	9.68	4.69	16.55	43.50	26.95	QP	Horizontal
4	301.495	51.65	13.70	5.23	39.18	46.00	6.82	QP	Horizontal
5	367.154	44.79	15.29	5.49	34.14	46.00	11.86	QP	Horizontal
6	671.955	30.51	19.22	6.60	24.83	46.00	21.17	QP	Horizontal

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-08-06**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:** d:\ts\2025 report date\Q25061119-2E\FCC BELOW 1G\20250806-171800_V**Memo:** Number:S25061119-002**Final Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	32.428	34.4	10.44	3.77	17.51	40.00	22.49	QP	Vertical
2	37.101	32.78	11.67	3.80	17.15	40.00	22.85	QP	Vertical
3	45.086	35.61	13.12	3.85	21.48	40.00	18.52	QP	Vertical
4	64.877	30.6	12.21	3.99	15.70	40.00	24.30	QP	Vertical
5	112.969	39	11.31	4.29	23.49	43.50	20.01	QP	Vertical
6	309.419	46.04	13.35	5.26	33.25	46.00	12.75	QP	Vertical

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-16

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 5180MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

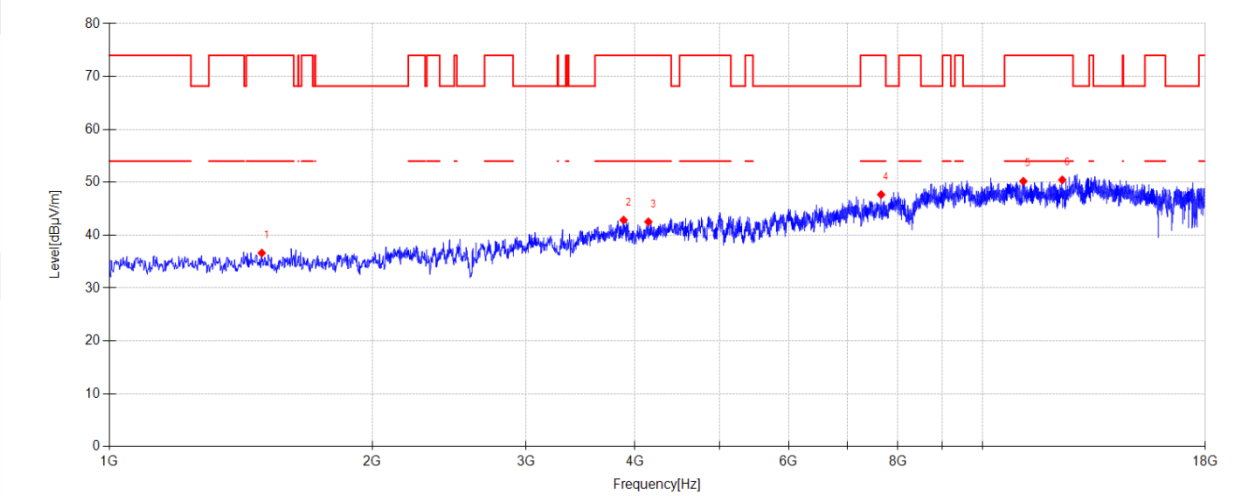
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\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	1494.700	45.24	25.48	3.35	-37.45	36.62	74.00	37.38	PK	Horizontal
2	3881.500	46.14	31.09	5.27	-39.65	42.85	74.00	31.15	PK	Horizontal
3	4143.300	45.53	31.19	5.48	-39.67	42.53	74.00	31.47	PK	Horizontal
4	7655.500	43.82	36.61	7.65	-40.41	47.67	74.00	26.33	PK	Horizontal
5	11138.800	41.58	39.26	8.50	-39.14	50.20	74.00	23.80	PK	Horizontal
6	12344.100	41.90	39.30	9.18	-39.93	50.45	74.00	23.55	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:

2025-07-16

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 5180MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

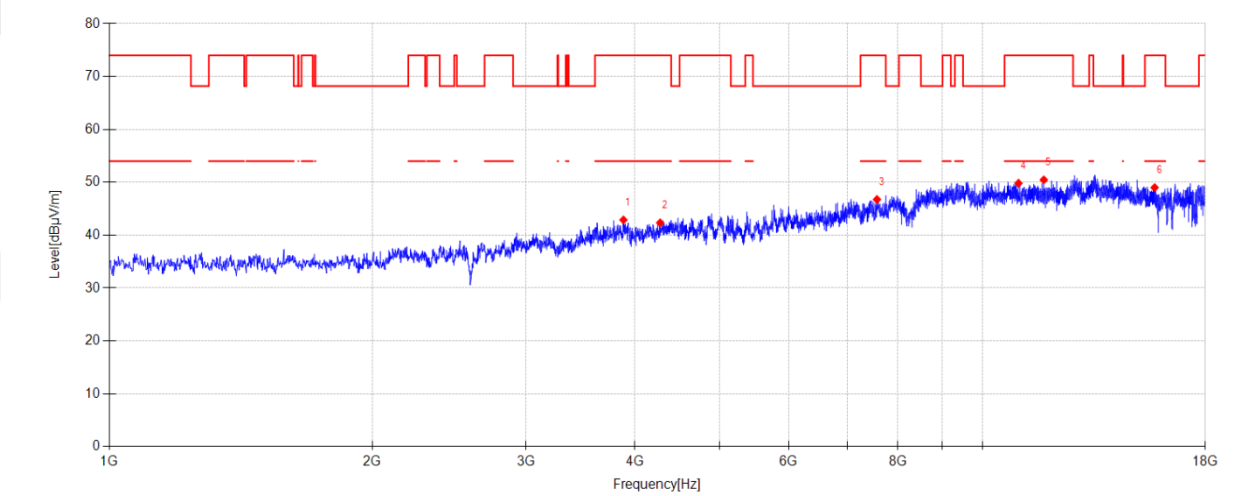
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\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	3879.800	46.18	31.08	5.27	-39.65	42.88	74.00	31.12	PK	Vertical
2	4274.200	44.85	31.50	5.64	-39.66	42.33	74.00	31.67	PK	Vertical
3	7572.200	43.20	36.44	7.60	-40.49	46.75	74.00	27.25	PK	Vertical
4	10997.700	41.11	39.30	8.42	-39.00	49.83	74.00	24.17	PK	Vertical
5	11755.900	42.41	38.94	8.87	-39.76	50.46	74.00	23.54	PK	Vertical
6	15747.500	39.86	38.41	10.13	-39.40	49.00	74.00	25.00	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:

2025-07-16

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 5320MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

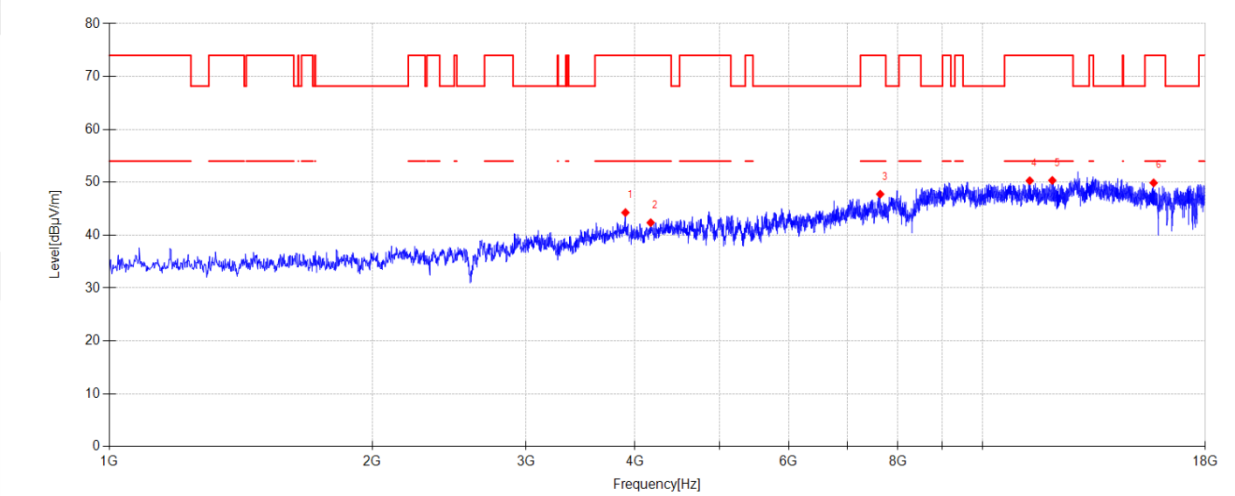
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\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	3900.200	47.45	31.20	5.28	-39.66	44.27	74.00	29.73	PK	Horizontal
2	4168.800	45.32	31.20	5.51	-39.67	42.36	74.00	31.64	PK	Horizontal
3	7636.800	43.98	36.57	7.64	-40.43	47.76	74.00	26.24	PK	Horizontal
4	11327.500	41.78	39.23	8.62	-39.33	50.30	74.00	23.70	PK	Horizontal
5	12022.800	42.10	39.22	9.03	-40.00	50.35	74.00	23.65	PK	Horizontal
6	15706.700	40.69	38.49	10.11	-39.40	49.89	74.00	24.11	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:

2025-07-16

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 5320MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

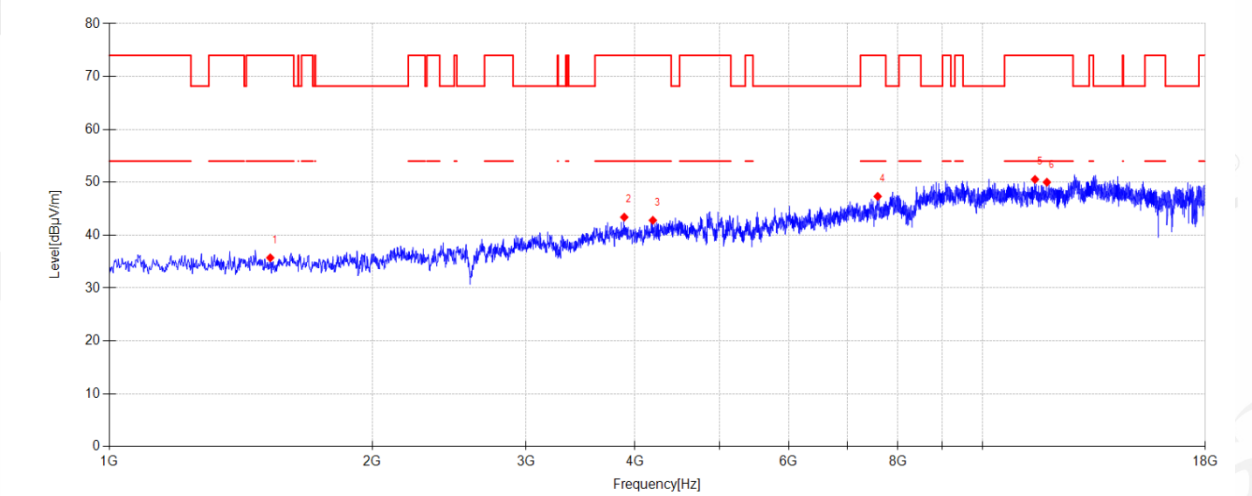
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\4

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	1528.700	44.73	25.10	3.39	-37.50	35.72	74.00	38.28	PK	Vertical
2	3888.300	46.64	31.13	5.28	-39.65	43.40	74.00	30.60	PK	Vertical
3	4192.600	45.73	31.20	5.54	-39.66	42.81	74.00	31.19	PK	Vertical
4	7585.800	43.74	36.47	7.60	-40.47	47.34	74.00	26.66	PK	Vertical
5	11485.600	42.11	39.21	8.71	-39.49	50.54	74.00	23.46	PK	Vertical
6	11852.800	42.04	38.90	8.93	-39.85	50.02	74.00	23.98	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:

2025-07-16

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 5500MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

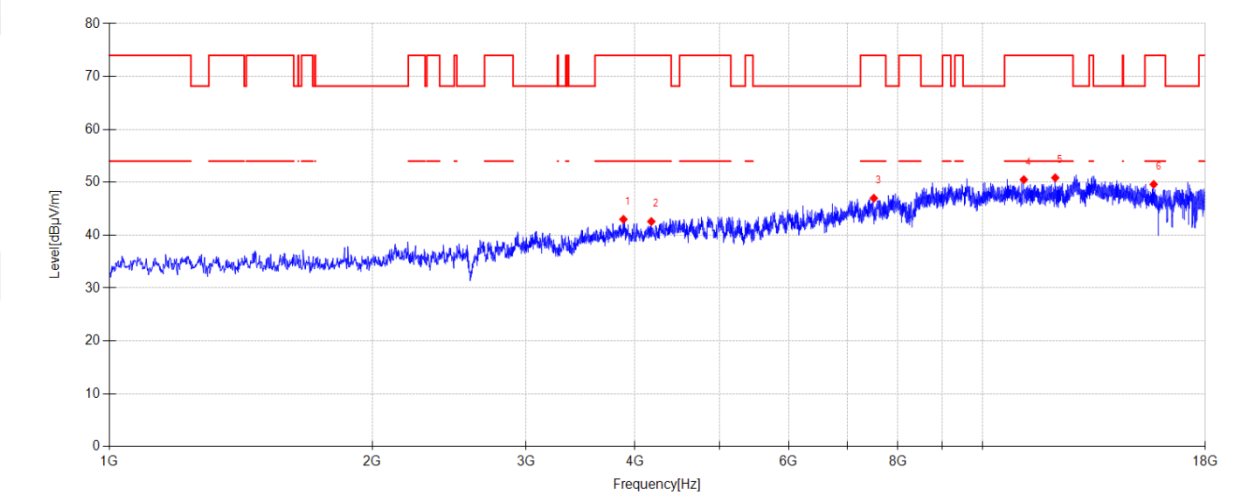
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\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	3879.800	46.30	31.08	5.27	-39.65	43.00	74.00	31.00	PK	Horizontal
2	4175.600	45.53	31.20	5.52	-39.67	42.58	74.00	31.42	PK	Horizontal
3	7509.300	43.49	36.48	7.56	-40.54	46.99	74.00	27.01	PK	Horizontal
4	11152.400	41.89	39.25	8.51	-39.15	50.50	74.00	23.50	PK	Horizontal
5	12116.300	42.47	39.30	9.07	-39.98	50.86	74.00	23.14	PK	Horizontal
6	15708.400	40.42	38.48	10.11	-39.40	49.61	74.00	24.39	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:

2025-07-16

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 5500MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

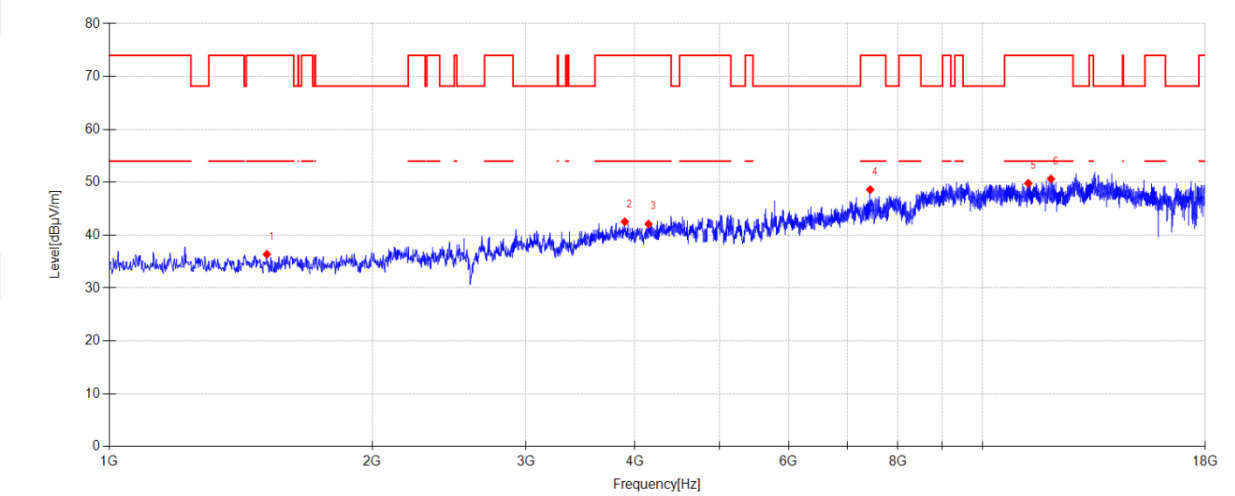
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\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	1515.100	45.20	25.29	3.37	-37.48	36.38	74.00	37.62	PK	Vertical
2	3893.400	45.74	31.16	5.28	-39.65	42.53	74.00	31.47	PK	Vertical
3	4145.000	45.11	31.19	5.48	-39.67	42.11	74.00	31.89	PK	Vertical
4	7437.900	45.09	36.62	7.51	-40.61	48.61	74.00	25.39	PK	Vertical
5	11286.700	41.31	39.20	8.59	-39.29	49.81	74.00	24.19	PK	Vertical
6	11982.000	42.46	39.15	9.01	-39.98	50.64	74.00	23.36	PK	Vertical

Note:

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

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-16

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 5700MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

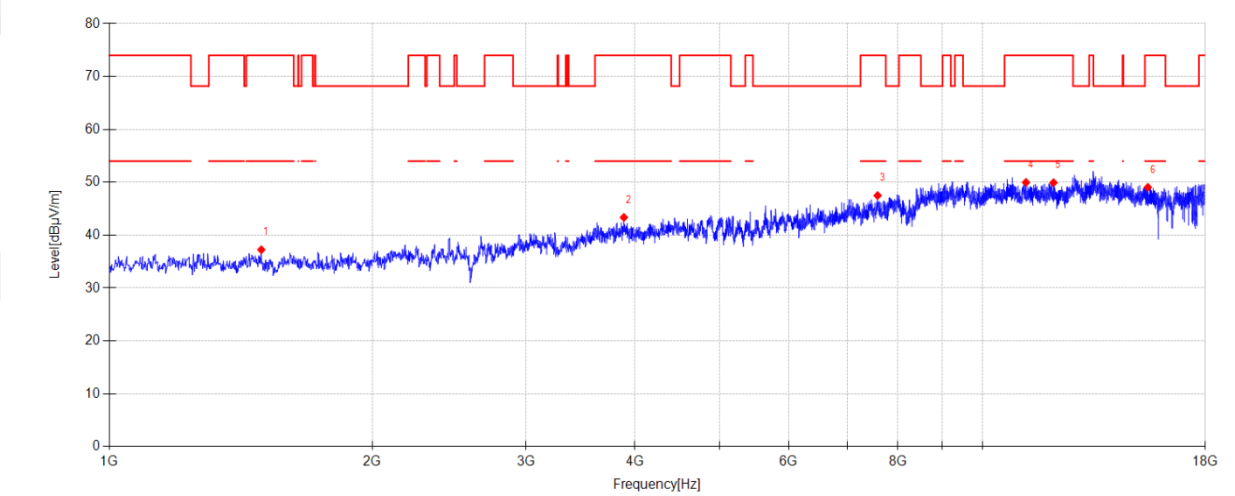
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\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	1493.000	45.87	25.47	3.35	-37.45	37.24	74.00	36.76	PK	Horizontal
2	3884.900	46.62	31.11	5.27	-39.65	43.35	74.00	30.65	PK	Horizontal
3	7584.100	43.90	36.47	7.60	-40.47	47.50	74.00	26.50	PK	Horizontal
4	11217.000	41.45	39.20	8.55	-39.22	49.98	74.00	24.02	PK	Horizontal
5	12061.900	41.61	39.26	9.05	-39.99	49.93	74.00	24.07	PK	Horizontal
6	15470.400	39.59	38.86	10.00	-39.40	49.05	74.00	24.95	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:

2025-07-16

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 5700MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

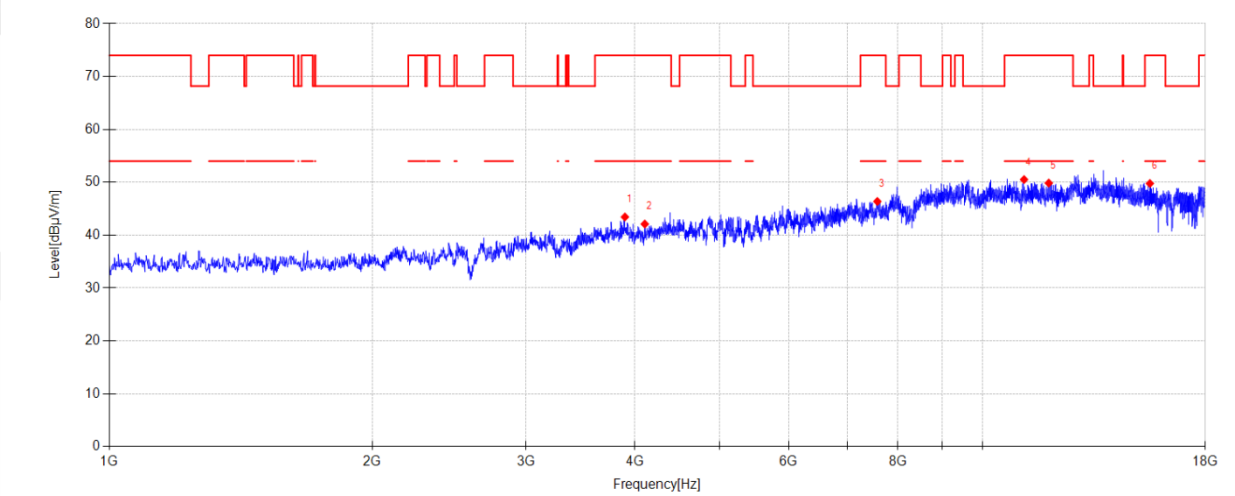
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\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	3895.100	46.64	31.17	5.28	-39.65	43.44	74.00	30.56	PK	Vertical
2	4104.200	45.23	31.11	5.43	-39.67	42.10	74.00	31.90	PK	Vertical
3	7579.000	42.80	36.46	7.60	-40.48	46.38	74.00	27.62	PK	Vertical
4	11159.200	41.92	39.24	8.52	-39.16	50.52	74.00	23.48	PK	Vertical
5	11910.600	41.87	38.93	8.97	-39.91	49.86	74.00	24.14	PK	Vertical
6	15552.000	40.43	38.70	10.04	-39.40	49.77	74.00	24.23	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:

2025-07-16

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:

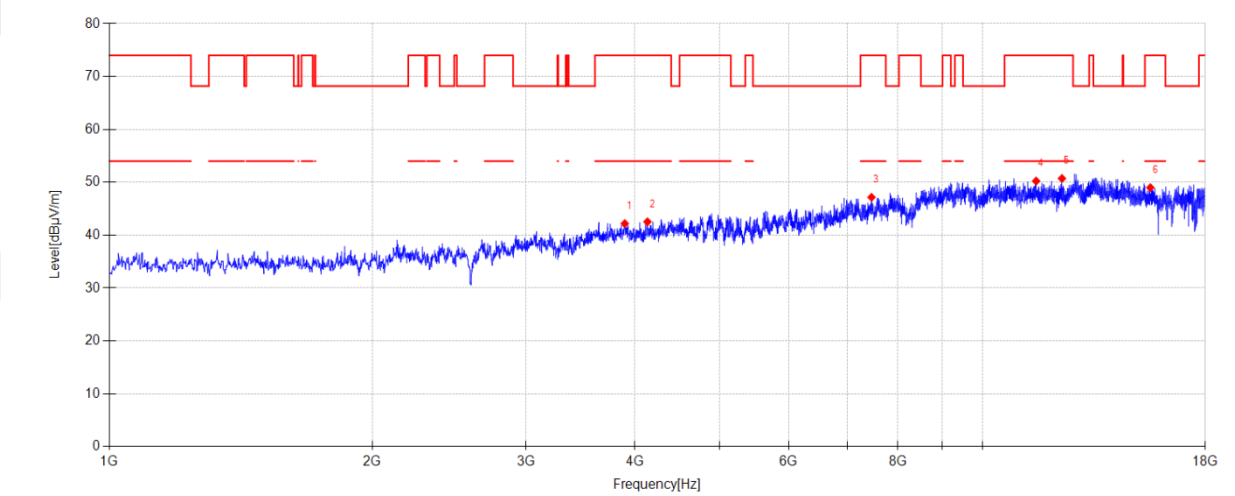
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\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	3893.400	45.39	31.16	5.28	-39.65	42.18	74.00	31.82	PK	Horizontal
2	4133.100	45.56	31.17	5.47	-39.67	42.53	74.00	31.47	PK	Horizontal
3	7463.400	43.65	36.57	7.53	-40.58	47.17	74.00	26.83	PK	Horizontal
4	11519.600	41.86	39.16	8.73	-39.52	50.23	74.00	23.77	PK	Horizontal
5	12332.200	42.19	39.30	9.17	-39.93	50.73	74.00	23.27	PK	Horizontal
6	15570.700	39.68	38.66	10.05	-39.40	48.99	74.00	25.01	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:

2025-07-16

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:

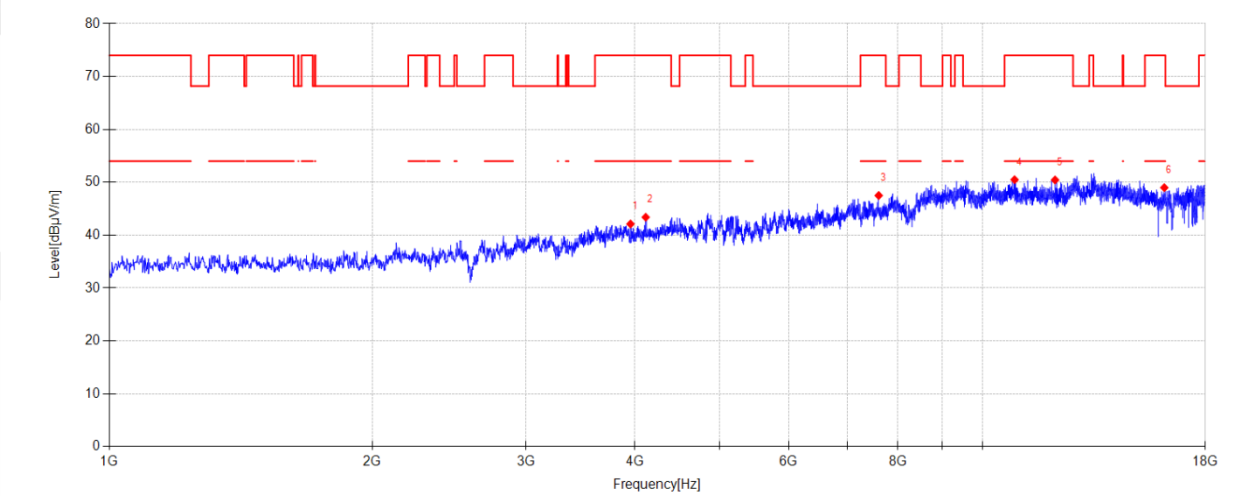
DDT 3# Chamber

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	3952.900	45.39	31.09	5.30	-39.67	42.11	74.00	31.89	PK	Vertical
2	4114.400	46.48	31.13	5.45	-39.67	43.39	74.00	30.61	PK	Vertical
3	7606.200	43.82	36.51	7.62	-40.45	47.50	74.00	26.50	PK	Vertical
4	10883.800	41.86	39.32	8.38	-39.07	50.49	74.00	23.51	PK	Vertical
5	12109.500	42.05	39.30	9.07	-39.98	50.44	74.00	23.56	PK	Vertical
6	16153.800	40.29	37.85	10.36	-39.51	48.99	74.00	25.01	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:

2025-07-16

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:

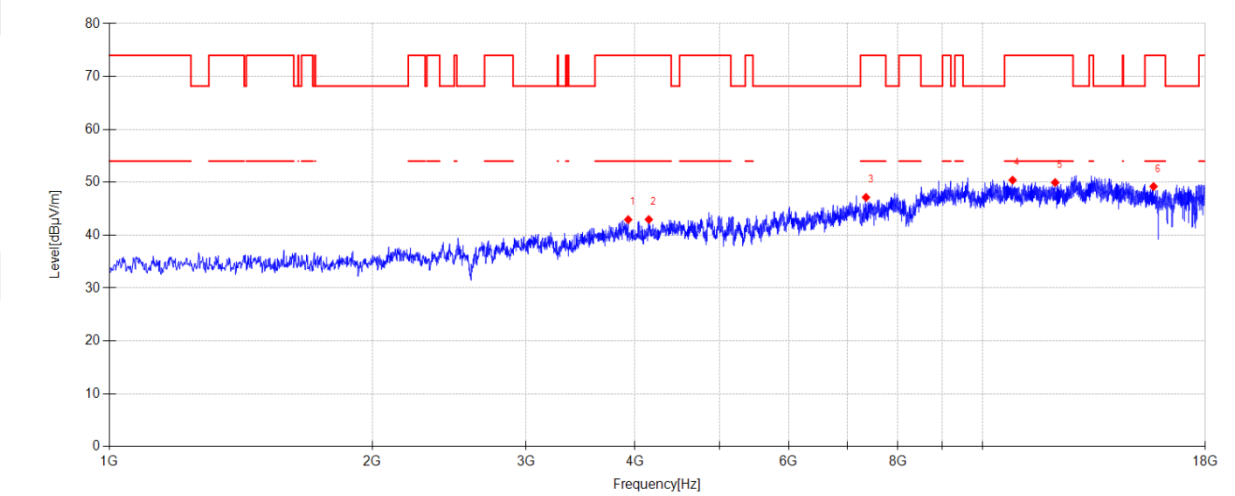
DDT 3# Chamber

File Path:

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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	3929.100	46.17	31.14	5.29	-39.66	42.94	74.00	31.06	PK	Horizontal
2	4148.400	45.94	31.20	5.49	-39.67	42.96	74.00	31.04	PK	Horizontal
3	7356.300	43.58	36.79	7.46	-40.68	47.15	74.00	26.85	PK	Horizontal
4	10827.700	41.78	39.37	8.36	-39.10	50.41	74.00	23.59	PK	Horizontal
5	12112.900	41.57	39.30	9.07	-39.98	49.96	74.00	24.04	PK	Horizontal
6	15703.300	40.01	38.49	10.11	-39.40	49.21	74.00	24.79	PK	Horizontal

Note:

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

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-16

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:

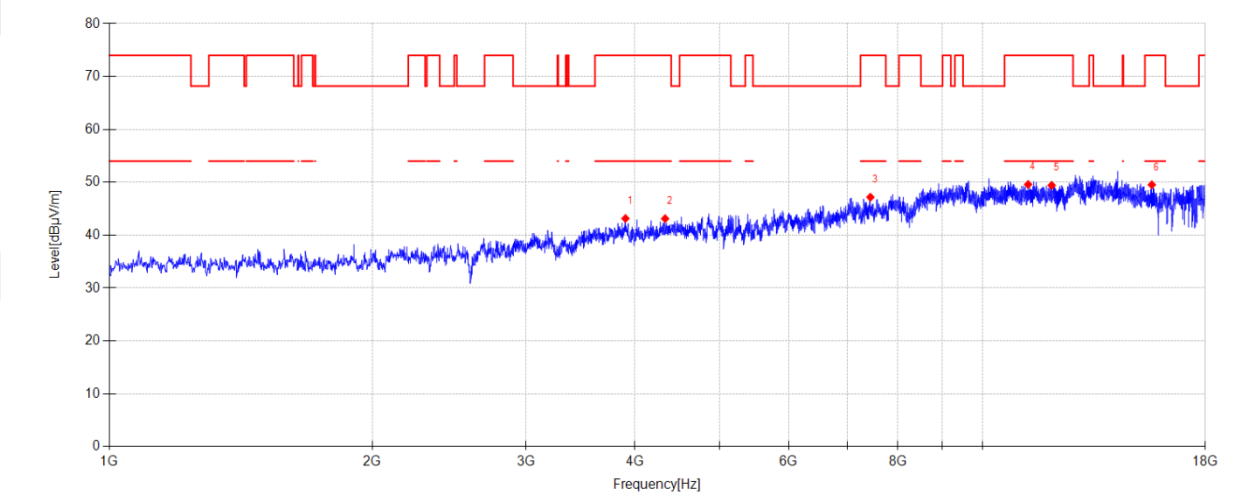
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\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	3900.200	46.33	31.20	5.28	-39.66	43.15	74.00	30.85	PK	Vertical
2	4330.300	45.47	31.60	5.70	-39.65	43.12	74.00	30.88	PK	Vertical
3	7441.300	43.65	36.62	7.51	-40.60	47.18	74.00	26.82	PK	Vertical
4	11279.900	41.09	39.20	8.59	-39.28	49.60	74.00	24.40	PK	Vertical
5	12002.400	41.20	39.20	9.02	-40.00	49.42	74.00	24.58	PK	Vertical
6	15631.900	40.29	38.57	10.07	-39.40	49.53	74.00	24.47	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:

2025-07-16

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:

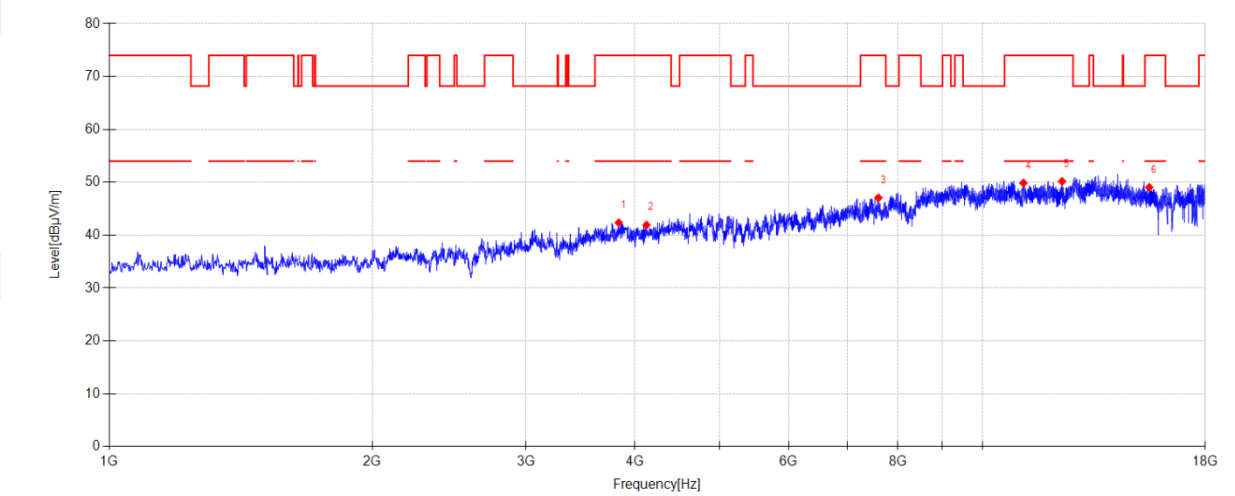
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\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	3832.200	45.92	30.83	5.26	-39.64	42.37	74.00	31.63	PK	Horizontal
2	4122.900	44.98	31.15	5.46	-39.67	41.92	74.00	32.08	PK	Horizontal
3	7599.400	43.42	36.50	7.61	-40.46	47.07	74.00	26.93	PK	Horizontal
4	11142.200	41.24	39.26	8.51	-39.14	49.87	74.00	24.13	PK	Horizontal
5	12335.600	41.64	39.30	9.17	-39.93	50.18	74.00	23.82	PK	Horizontal
6	15524.800	39.66	38.75	10.03	-39.40	49.04	74.00	24.96	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:

2025-07-16

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:

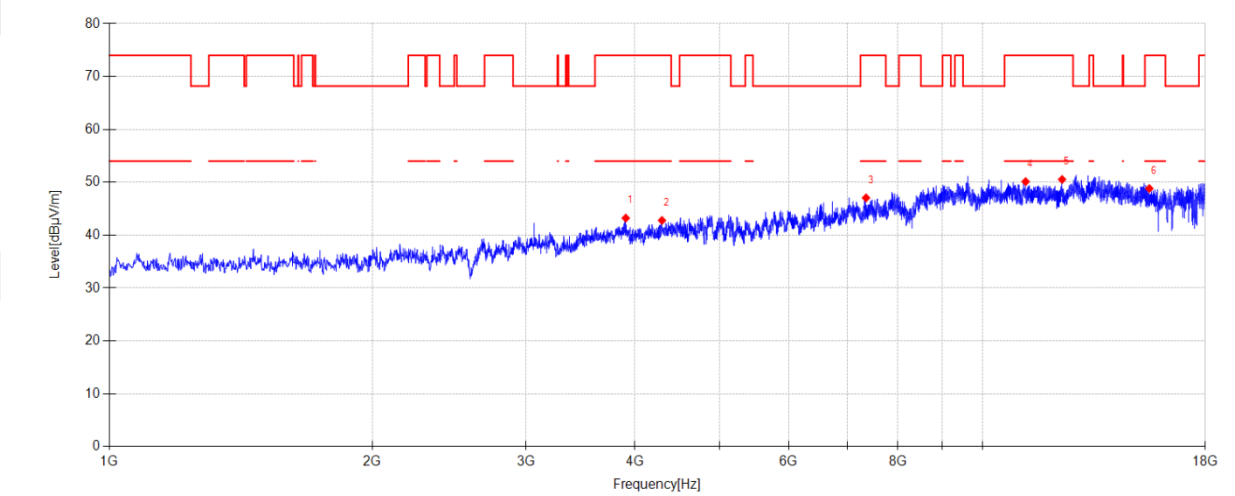
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\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	3903.600	46.42	31.19	5.28	-39.66	43.23	74.00	30.77	PK	Vertical
2	4294.600	45.21	31.58	5.66	-39.66	42.79	74.00	31.21	PK	Vertical
3	7356.300	43.48	36.79	7.46	-40.68	47.05	74.00	26.95	PK	Vertical
4	11205.100	41.60	39.20	8.54	-39.21	50.13	74.00	23.87	PK	Vertical
5	12337.300	41.99	39.30	9.18	-39.93	50.54	74.00	23.46	PK	Vertical
6	15528.200	39.45	38.74	10.03	-39.40	48.82	74.00	25.18	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:

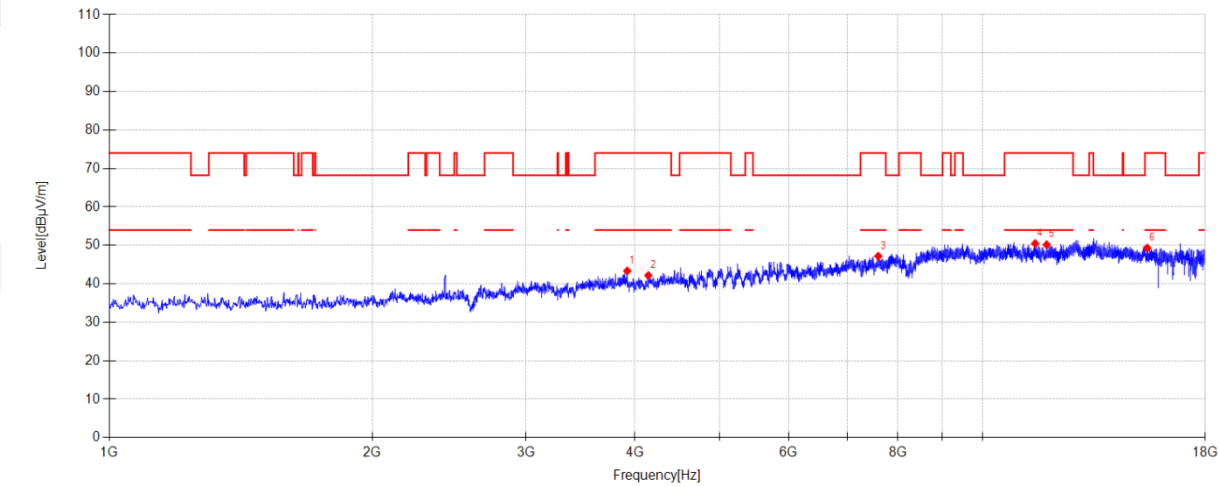
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G KUAYUE1

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	3918.900	46.57	31.16	5.28	-39.66	43.35	74.00	30.65	PK	Horizontal
2	4143.300	45.19	31.19	5.48	-39.67	42.19	74.00	31.81	PK	Horizontal
3	7597.700	43.55	36.50	7.61	-40.46	47.20	74.00	26.80	PK	Horizontal
4	11490.700	42.04	39.21	8.71	-39.49	50.47	74.00	23.53	PK	Horizontal
5	11844.300	42.19	38.90	8.93	-39.84	50.18	74.00	23.82	PK	Horizontal
6	15443.200	39.81	38.91	9.99	-39.40	49.31	74.00	24.69	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:

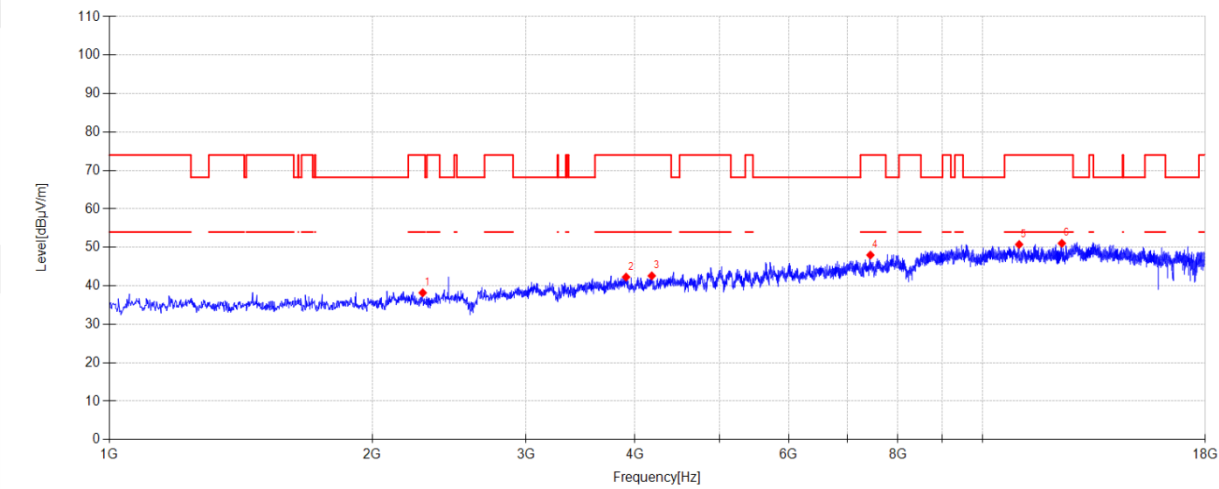
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G KUAYUE\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	2285.200	45.53	26.95	4.23	-38.54	38.17	74.00	35.83	PK	Vertical
2	3907.000	45.47	31.19	5.28	-39.66	42.28	74.00	31.72	PK	Vertical
3	4180.700	45.54	31.20	5.53	-39.67	42.60	74.00	31.40	PK	Vertical
4	7441.300	44.47	36.62	7.51	-40.60	48.00	74.00	26.00	PK	Vertical
5	11016.400	42.04	39.30	8.43	-39.02	50.75	74.00	23.25	PK	Vertical
6	12328.800	42.51	39.30	9.17	-39.93	51.05	74.00	22.95	PK	Vertical

Note:

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

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

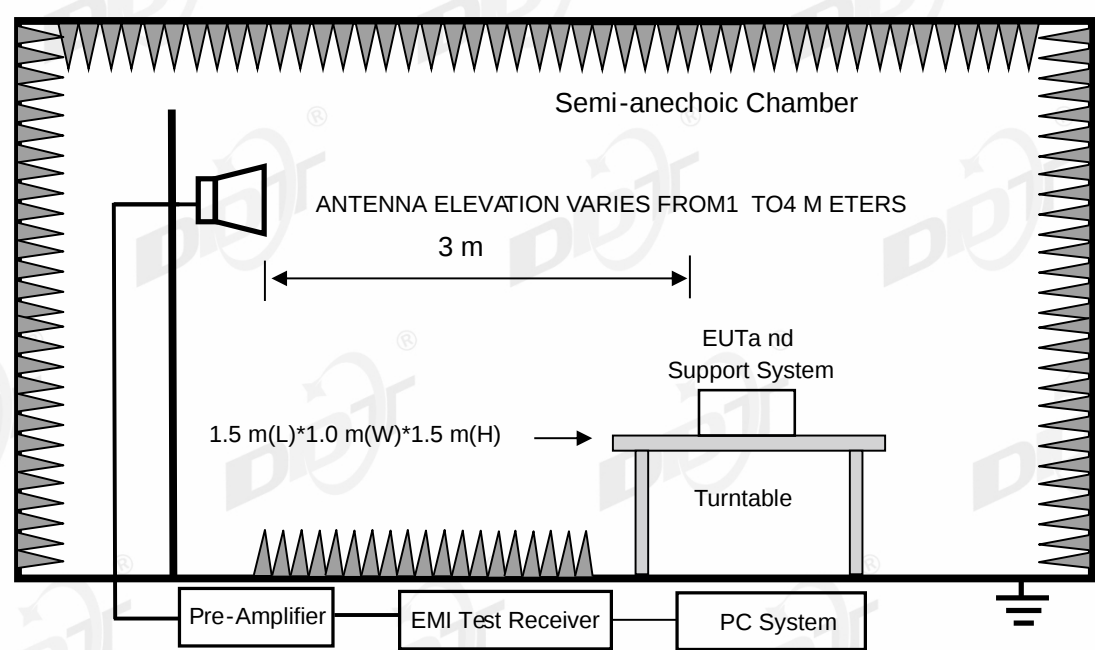
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Band Edge Compliance

14.1. Test equipment

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

14.2. Block diagram of test setup



14.3. Limits

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating solely in the 5.725-5.850 GHz band:
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

14.4. Assistant equipment used for test

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

14.5. Test procedure

Same with Emissions in Restricted Frequency Bands except change investigated frequency range from 5.15-5.25 GHz, 5250-5350 GHz, 5470-5725 GHz, 5.725-5.85 GHz.

Remark: All restriction band have been tested, and only the worst case is shown in report.

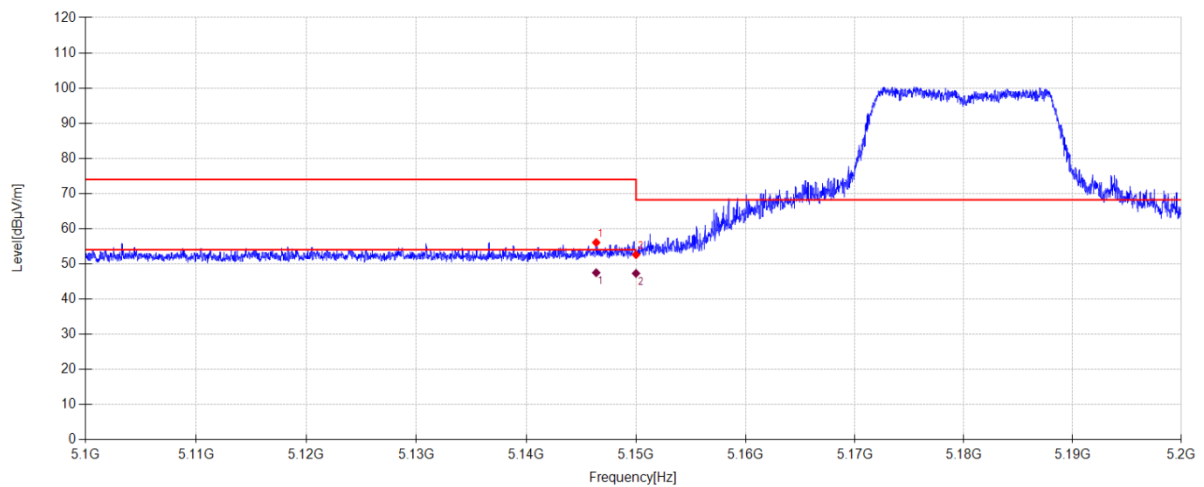
14.6. Test result

PASS. (See below detailed test result)

14.7. Test data

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 11A 5180MHz 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\19
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	5146.370	46.99	33.40	5.28	-29.60	56.07	74.00	17.93	PK	Horizontal
2	5150.000	43.54	33.40	5.28	-29.60	52.62	68.20	15.58	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	5146.370	38.41	33.40	5.28	47.49	54.0	6.51	AV	Horizontal
2	5150.000	38.22	33.40	5.28	47.30	54.0	6.70	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 11A 5180MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

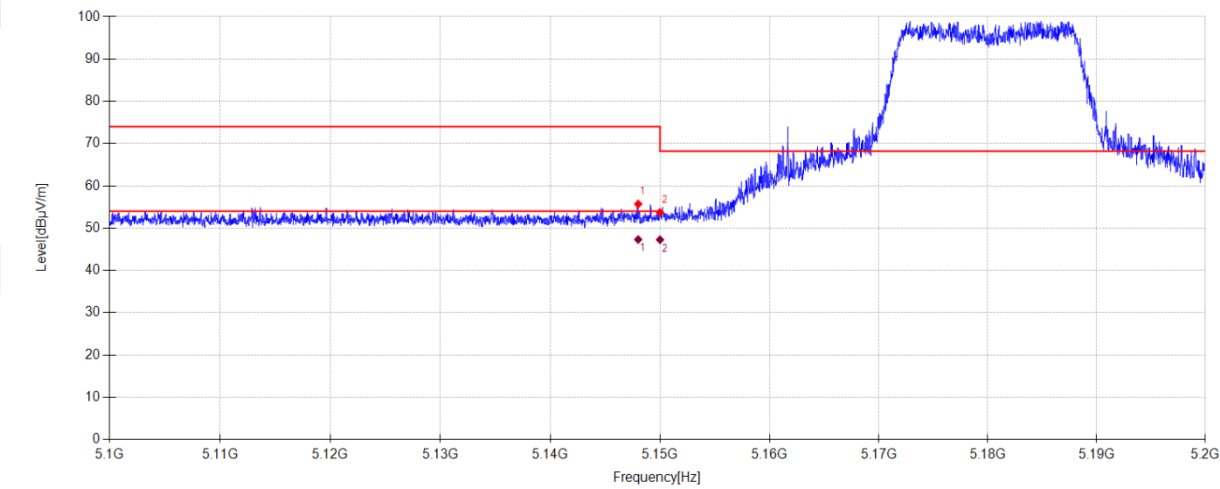
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\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	5148.010	46.62	33.40	5.28	-29.60	55.70	74.00	18.30	PK	Vertical
2	5150.000	44.66	33.40	5.28	-29.60	53.74	68.20	14.46	PK	Vertical

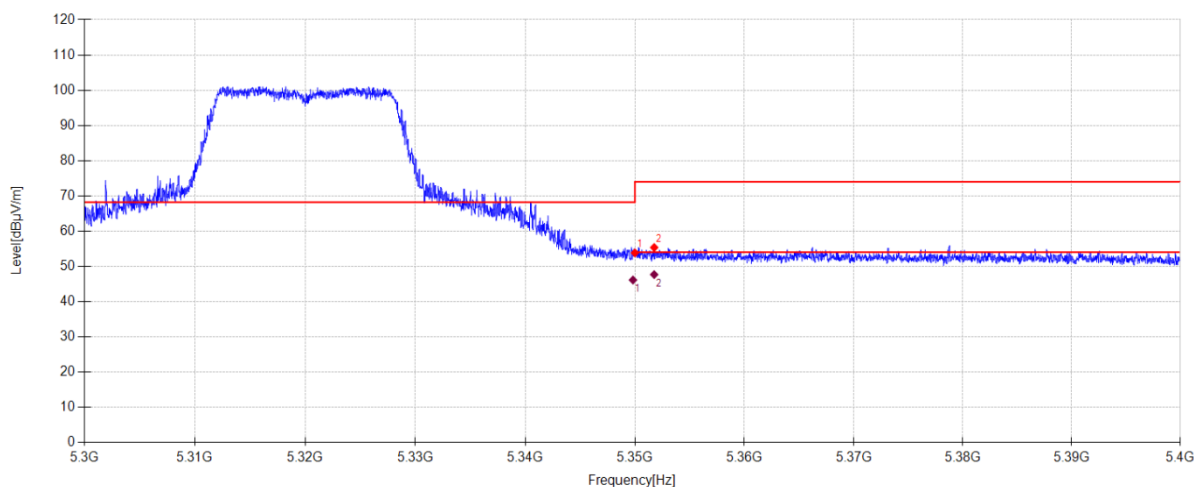
Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5148.010	38.24	33.40	5.28	47.32	54.0	6.68	AV	Vertical	
2	5150.000	38.19	33.40	5.28	47.27	54.0	6.73	AV	Vertical	

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 11A 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\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	5350.000	44.93	33.10	5.41	-29.60	53.84	68.20	14.36	PK	Horizontal
2	5351.760	46.45	33.10	5.41	-29.60	55.36	74.00	18.64	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	5349.824	37.23	33.10	5.41	46.14	54.00	7.86	AV	Horizontal
2	5351.760	38.77	33.10	5.41	47.68	54.00	6.32	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 11A 5320MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

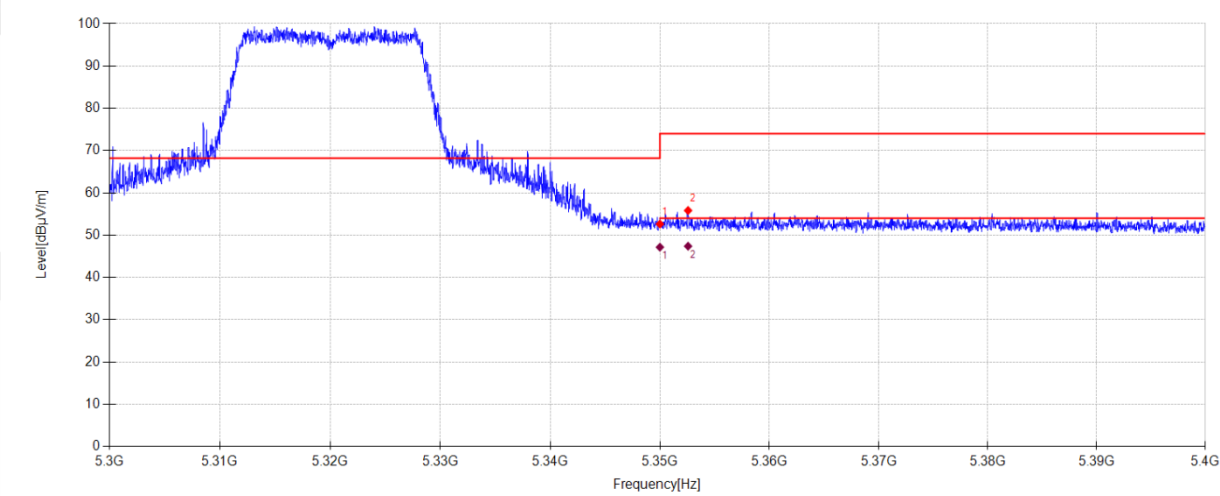
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\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	5350.000	43.72	33.10	5.41	-29.60	52.63	68.20	15.57	PK	Vertical
2	5352.570	46.91	33.10	5.41	-29.60	55.82	74.00	18.18	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	38.25	33.10	5.41	47.16	54.0	6.84	AV	Vertical	
2	5352.570	38.48	33.10	5.41	47.39	54.0	6.61	AV	Vertical	

Note:

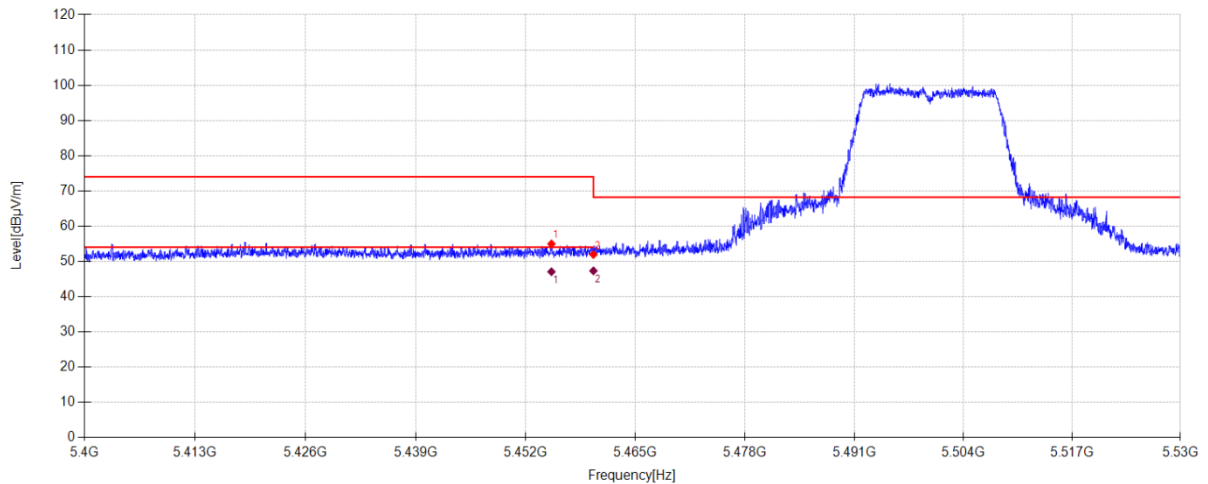
1. Level = Reading + Cable loss + Antenna Factor + AMP

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 11A 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\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	5455.029	46.08	33.00	5.48	-29.60	54.96	74.00	19.04	PK	Horizontal
2	5460.000	43.07	33.00	5.48	-29.60	51.95	68.20	16.25	PK	Horizontal

Final Data List

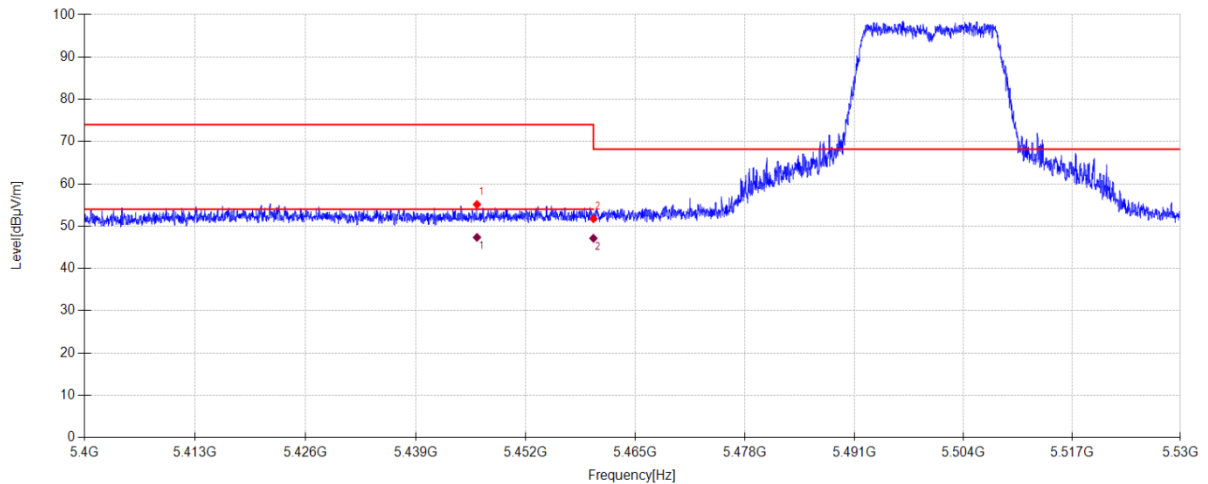
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5455.029	38.19	33.00	5.48	47.07	54.0	6.93	AV	Horizontal
2	5460.000	38.44	33.00	5.48	47.32	54.0	6.68	AV	Horizontal

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 11A 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\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	5446.215	46.25	33.01	5.47	-29.60	55.13	74.00	18.87	PK	Vertical
2	5460.000	42.87	33.00	5.48	-29.60	51.75	68.20	16.45	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	5446.215	38.47	33.01	5.47	47.35	54.0	6.65	AV	Vertical
2	5460.000	38.25	33.00	5.48	47.13	54.0	6.87	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 11A 5700MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

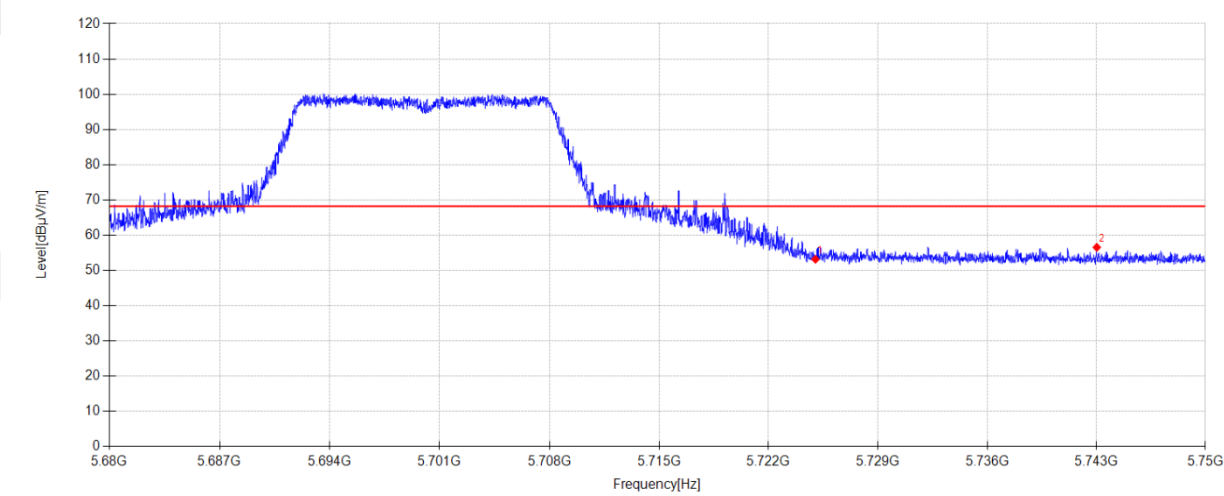
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\25

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	43.35	33.75	5.66	-29.60	53.16	68.20	15.04	PK	Horizontal
2	5743.028	46.62	33.86	5.67	-29.60	56.55	68.20	11.65	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 11A 5700MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

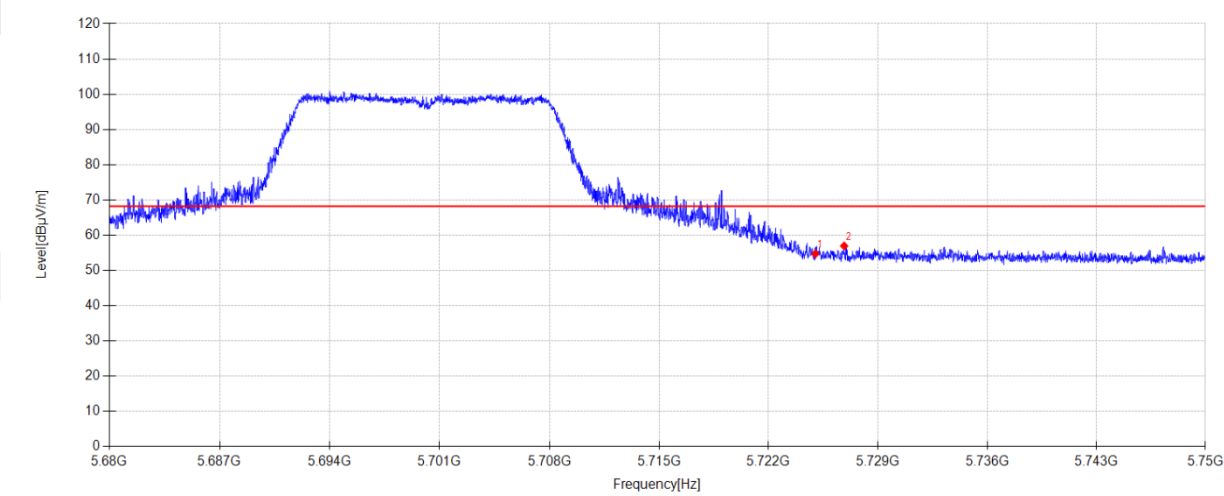
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\26

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	44.91	33.75	5.66	-29.60	54.72	68.20	13.48	PK	Vertical
2	5726.837	47.12	33.76	5.66	-29.60	56.94	68.20	11.26	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: 2025-07-18 **Tested By:** Nan Zhong

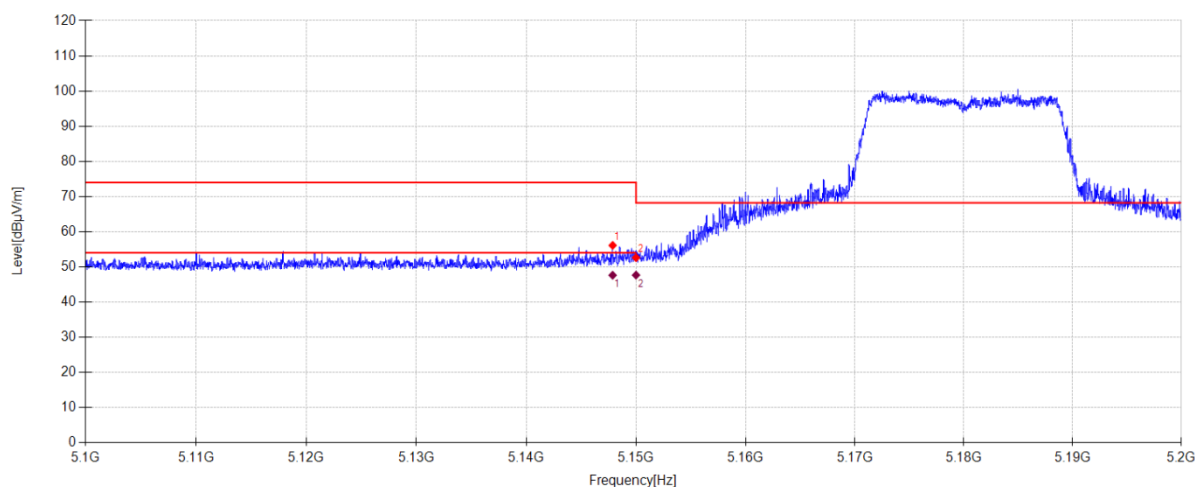
EUT: DEFENDER GO 2K AI POWERED
PLUG-IN INDOOR/OUTDOOR HOME,
BUSINESS, BABY & PET SECURITY
CAMERA **Model Number:** IP3MCB1A

Test Mode: TX N20 5180MHz 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\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	5147.870	47.03	33.40	5.28	-29.60	56.11	74.00	17.89	PK	Horizontal
2	5150.000	43.54	33.40	5.28	-29.60	52.62	68.20	15.58	PK	Horizontal

Final Data List

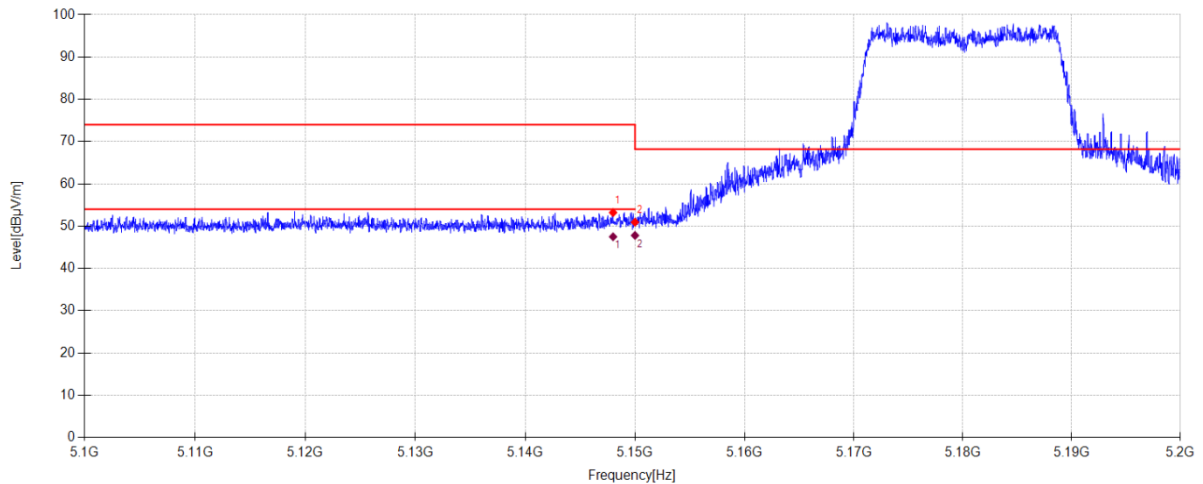
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.870	38.55	33.40	5.28	47.63	54.0	6.37	AV	Horizontal
2	5150.000	38.59	33.40	5.28	47.67	54.0	6.33	AV	Horizontal

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 N20 5180MHz 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\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	5148.000	44.13	33.40	5.28	-29.60	53.21	74.00	20.79	PK	Vertical
2	5150.000	41.86	33.40	5.28	-29.60	50.94	68.20	17.26	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	5148.000	38.41	33.40	5.28	47.49	54.0	6.51	AV	Vertical
2	5150.000	38.72	33.40	5.28	47.80	54.0	6.20	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 N20 5320MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

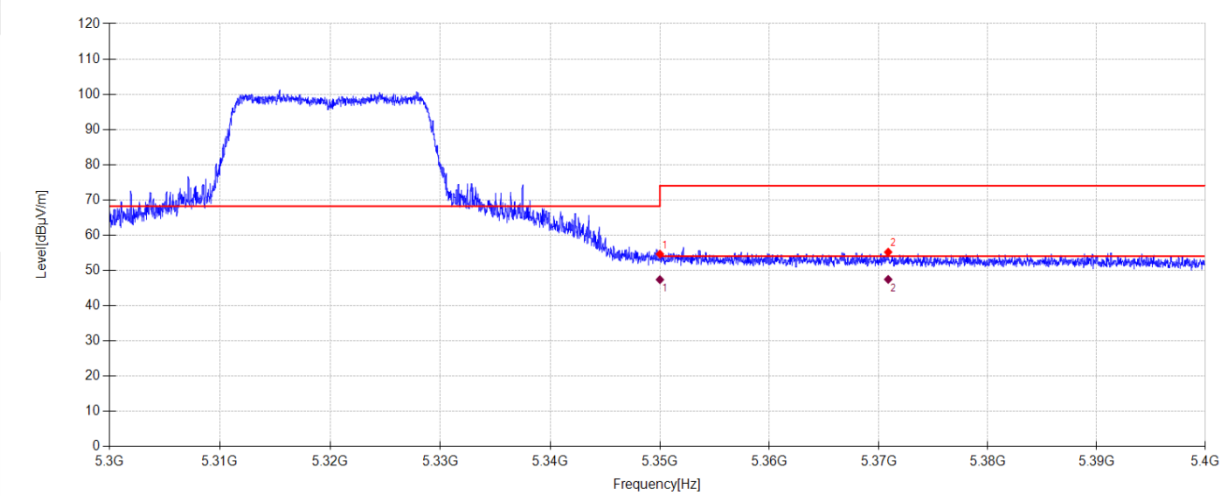
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\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	5350.000	45.72	33.10	5.41	-29.60	54.63	68.20	13.57	PK	Horizontal
2	5370.870	46.27	33.10	5.42	-29.60	55.19	74.00	18.81	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	38.47	33.10	5.41	47.38	54.0	6.62	AV	Horizontal	
2	5370.870	38.52	33.10	5.42	47.44	54.0	6.56	AV	Horizontal	

Note:

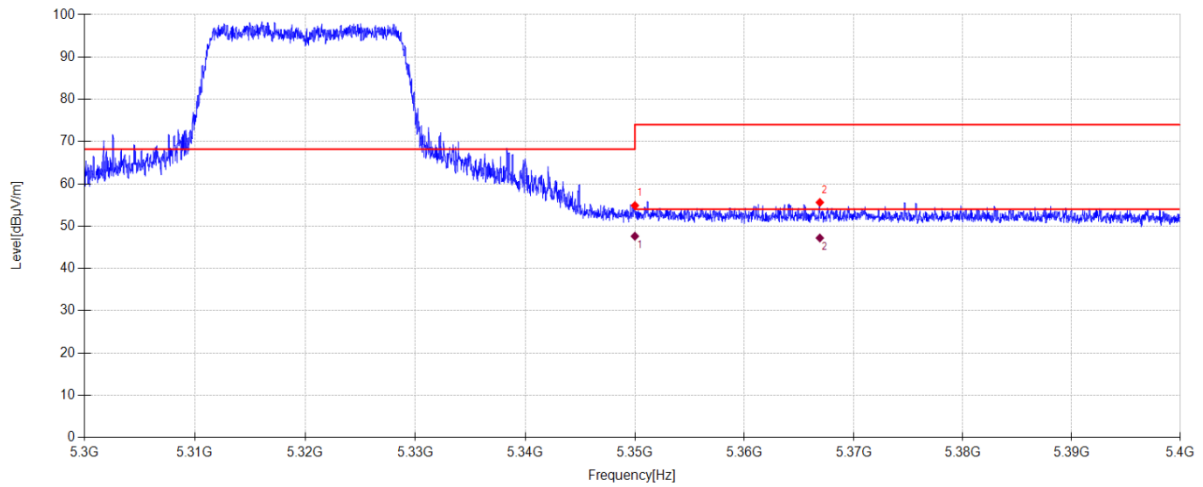
1. Level = Reading + Cable loss + Antenna Factor + AMP

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 N20 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\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	5350.000	45.96	33.10	5.41	-29.60	54.87	68.20	13.33	PK	Vertical
2	5366.900	46.69	33.10	5.42	-29.60	55.61	74.00	18.39	PK	Vertical

Final Data List

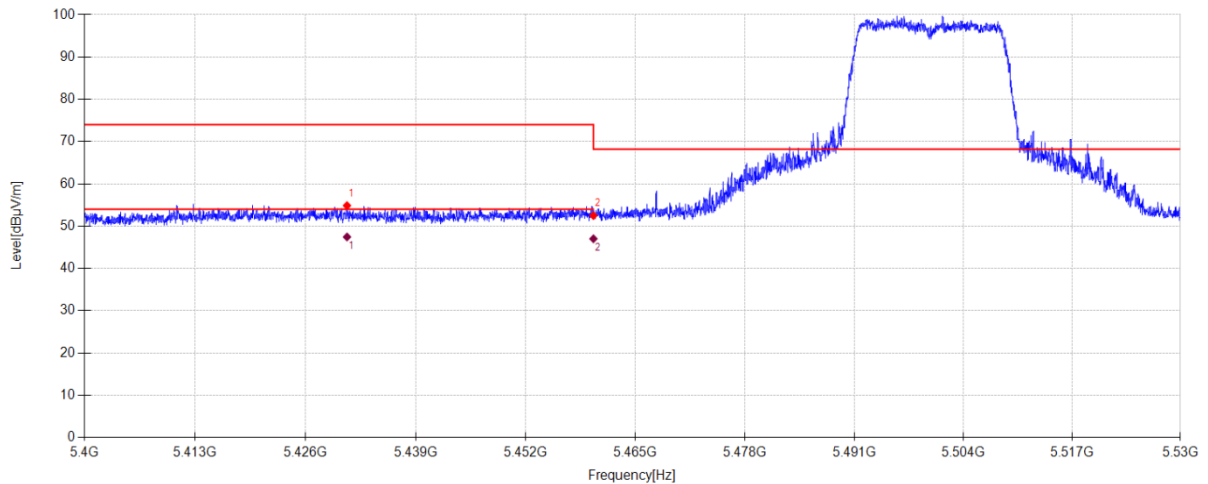
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	38.71	33.10	5.41	47.62	54.0	6.38	AV	Vertical
2	5366.900	38.29	33.10	5.42	47.21	54.0	6.79	AV	Vertical

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 N20 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\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	5430.875	45.96	33.04	5.46	-29.60	54.86	74.00	19.14	PK	Horizontal
2	5460.000	43.62	33.00	5.48	-29.60	52.50	68.20	15.70	PK	Horizontal

Final Data List

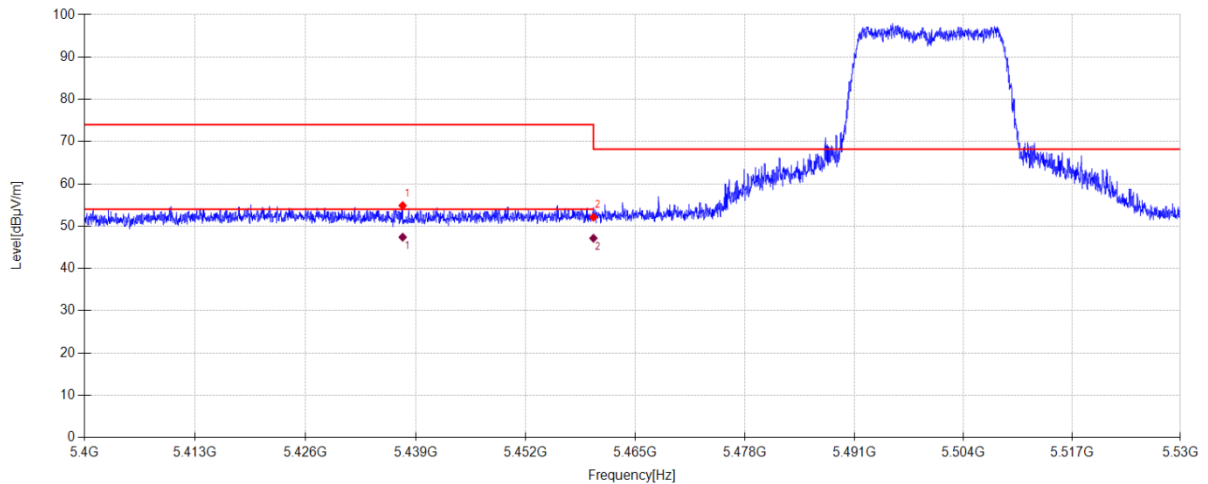
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5430.875	38.55	33.04	5.46	47.45	54.0	6.55	AV	Horizontal
2	5460.000	38.14	33.00	5.48	47.02	54.0	6.98	AV	Horizontal

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 N20 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\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	5437.440	45.96	33.03	5.47	-29.60	54.86	74.00	19.14	PK	Vertical
2	5460.000	43.24	33.00	5.48	-29.60	52.12	68.20	16.08	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	5437.440	38.49	33.03	5.47	47.39	54.0	6.61	AV	Vertical
2	5460.000	38.26	33.00	5.48	47.14	54.0	6.86	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 N20 5700MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

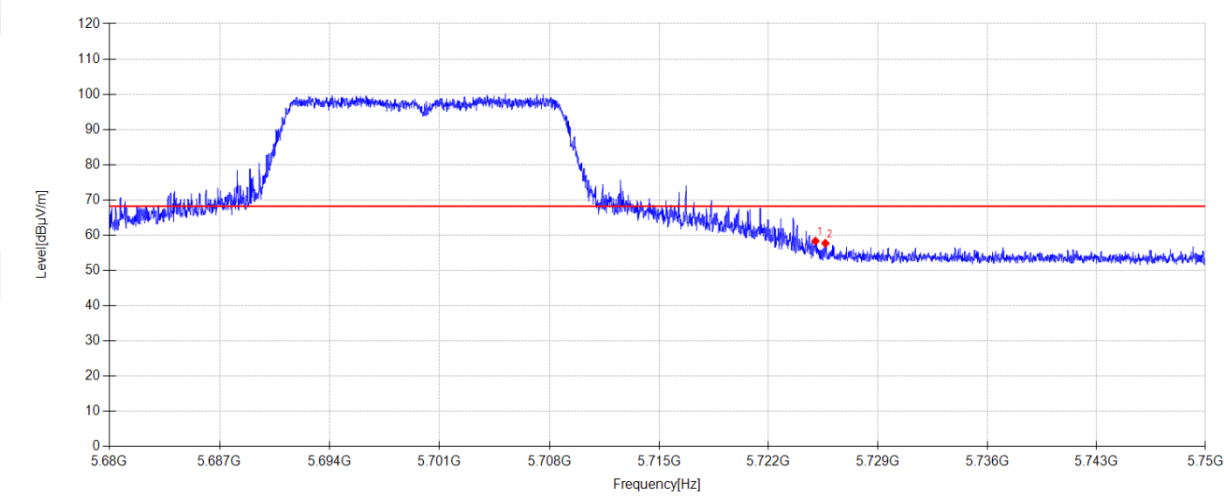
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\27

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	48.52	33.75	5.66	-29.60	58.33	68.20	9.87	PK	Horizontal
2	5725.633	47.90	33.75	5.66	-29.60	57.71	68.20	10.49	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 N20 5700MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

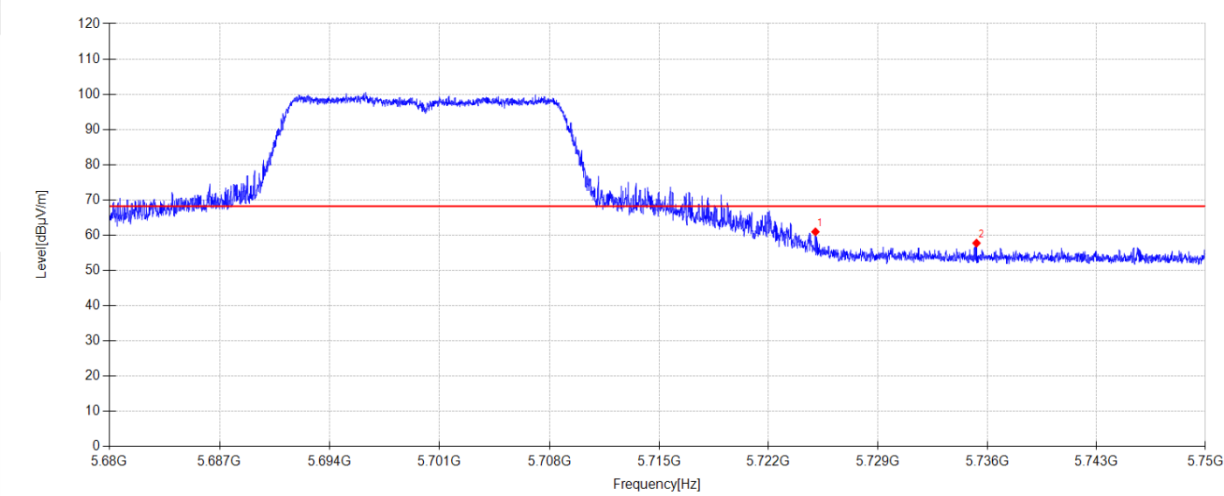
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\28

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	51.13	33.75	5.66	-29.60	60.94	68.20	7.26	PK	Vertical
2	5735.314	47.85	33.81	5.67	-29.60	57.73	68.20	10.47	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:

2025-07-18

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 AX20 5180MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

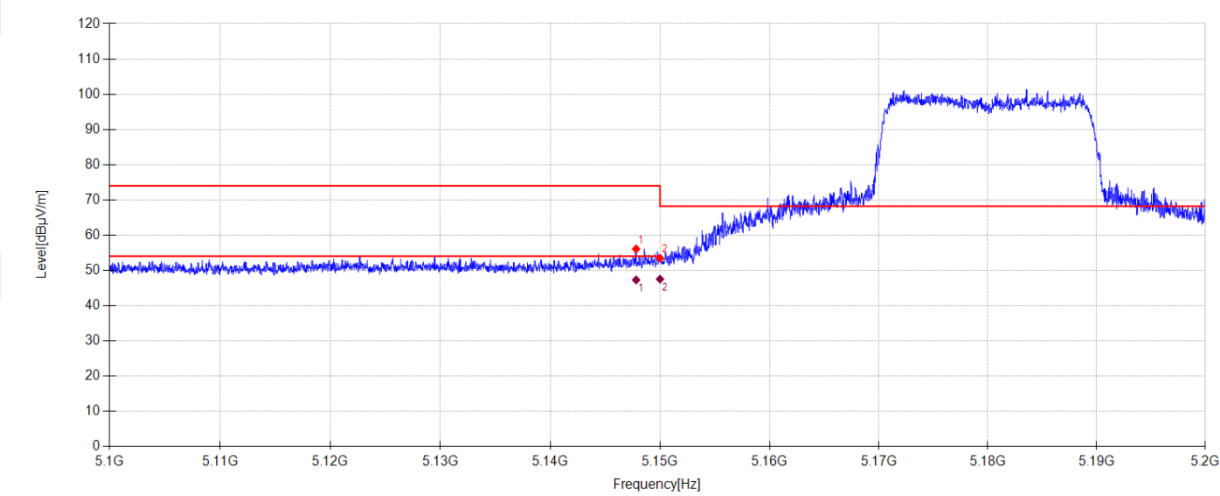
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\37

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	5147.820	47.01	33.40	5.28	-29.60	56.09	74.00	17.91	PK	Horizontal
2	5150.000	44.38	33.40	5.28	-29.60	53.46	68.20	14.74	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	5147.820	38.21	33.40	5.28	47.29	54.0	6.71	AV	Horizontal	
2	5150.000	38.45	33.40	5.28	47.53	54.0	6.47	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 AX20 5180MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

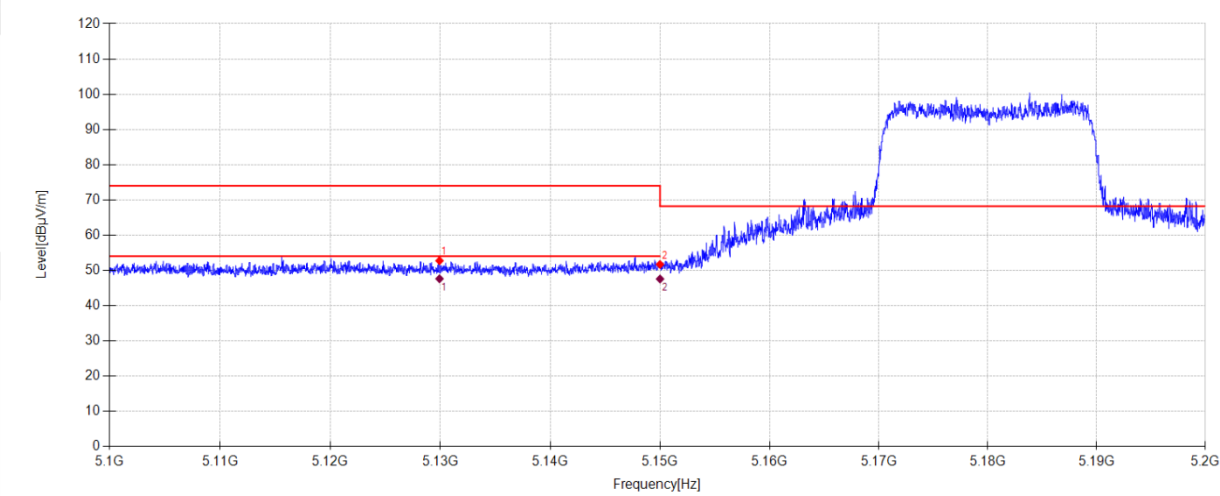
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\38

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	5129.920	43.67	33.40	5.27	-29.60	52.74	74.00	21.26	PK	Vertical
2	5150.000	42.62	33.40	5.28	-29.60	51.70	68.20	16.50	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	5129.920	38.56	33.40	5.27	47.63	54.0	6.37	AV	Vertical	
2	5150.000	38.49	33.40	5.28	47.57	54.0	6.43	AV	Vertical	

Note:

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

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-18

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 AX20 5320MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

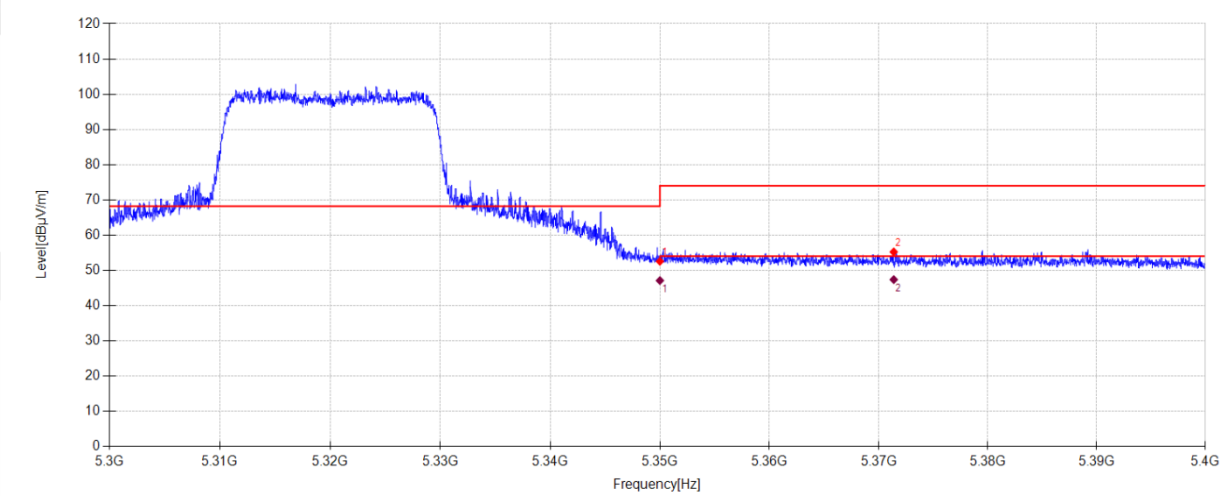
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\39

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	43.66	33.10	5.41	-29.60	52.57	68.20	15.63	PK	Horizontal
2	5371.380	46.32	33.10	5.43	-29.60	55.25	74.00	18.75	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	38.21	33.10	5.41	47.12	54.0	6.88	AV	Horizontal	
2	5371.380	38.46	33.10	5.43	47.39	54.0	6.61	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 AX20 5320MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

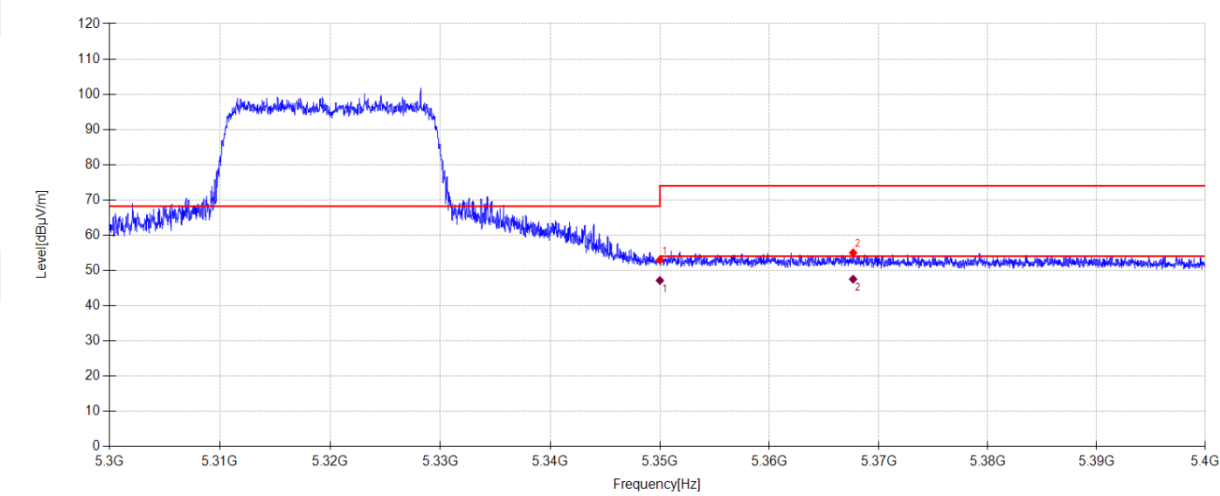
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\40

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	44.01	33.10	5.41	-29.60	52.92	68.20	15.28	PK	Vertical
2	5367.660	46.06	33.10	5.42	-29.60	54.98	74.00	19.02	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	38.23	33.10	5.41	47.14	54.0	6.86	AV	Vertical	
2	5367.660	38.59	33.10	5.42	47.51	54.0	6.49	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 AX20 5500MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

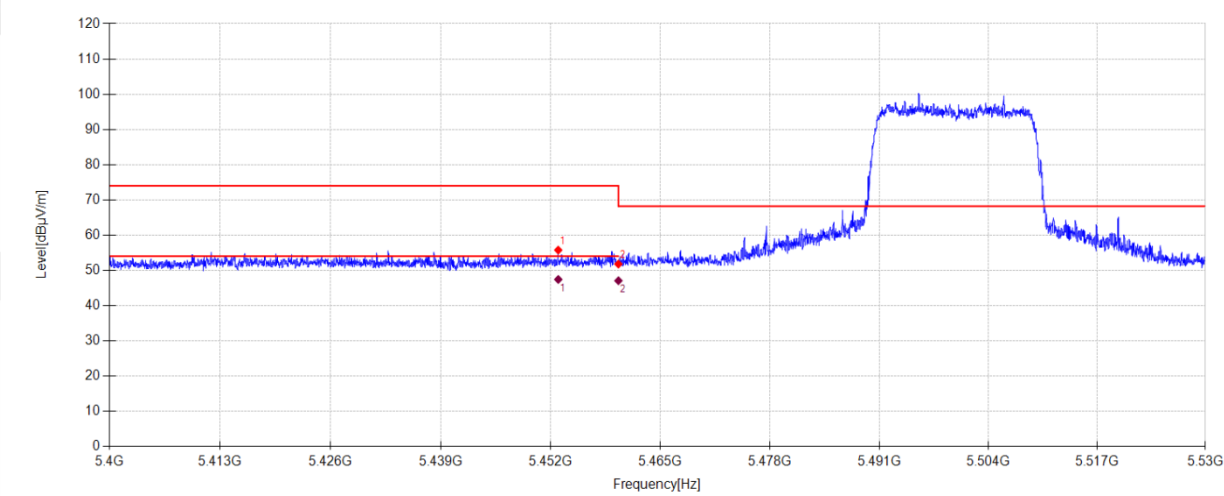
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\41

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	5452.871	46.88	33.00	5.48	-29.60	55.76	74.00	18.24	PK	Horizontal
2	5460.000	42.92	33.00	5.48	-29.60	51.80	68.20	16.40	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	5452.871	38.55	33.00	5.48	47.43	54.0	6.57	AV	Horizontal	
2	5460.000	38.19	33.00	5.48	47.07	54.0	6.93	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 AX20 5500MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

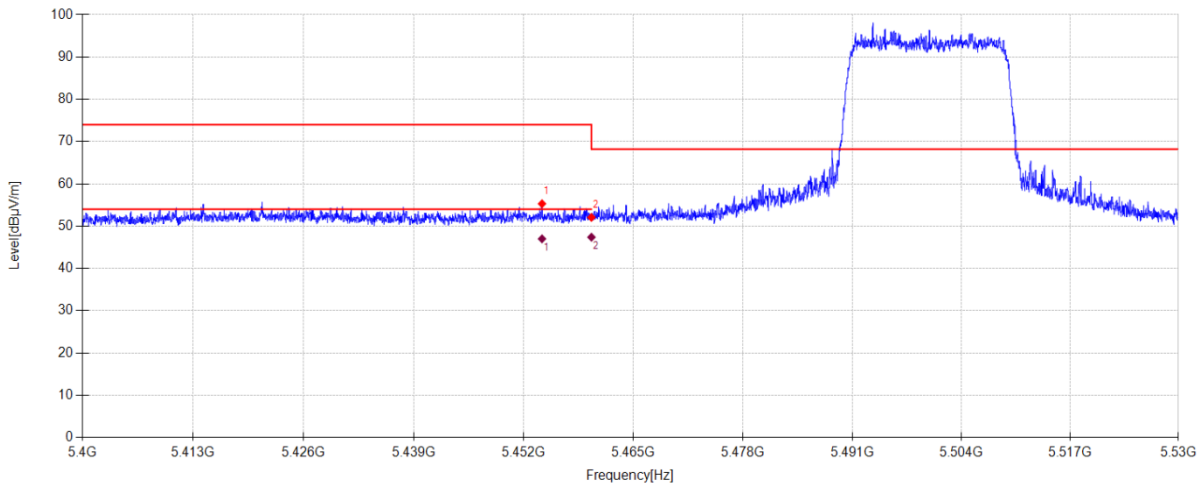
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\42

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	5454.145	46.42	33.00	5.48	-29.60	55.30	74.00	18.70	PK	Vertical
2	5460.000	43.19	33.00	5.48	-29.60	52.07	68.20	16.13	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	5454.145	38.12	33.00	5.48	47.00	54.0	7.00	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 AX20 5700MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

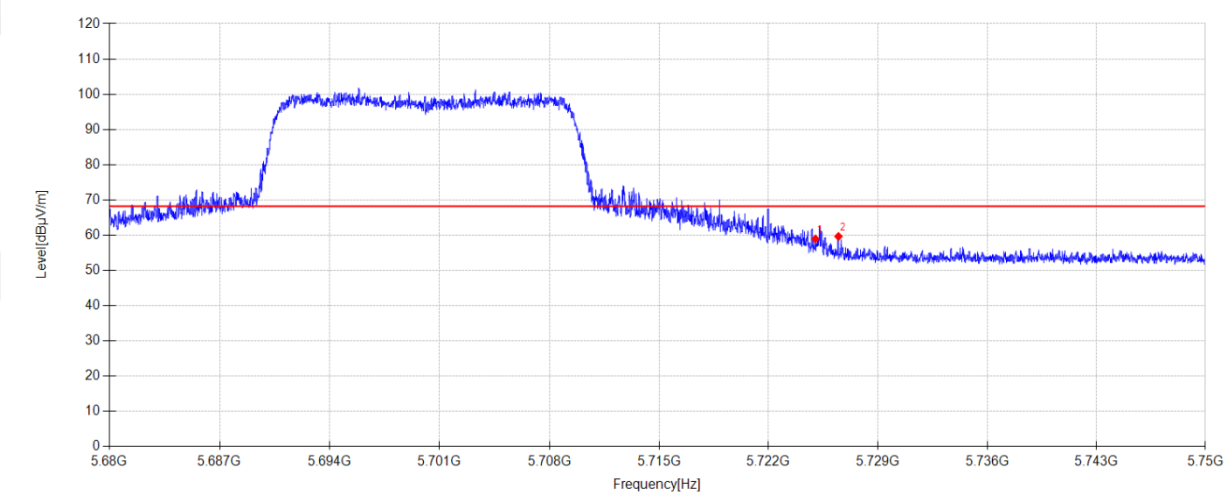
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\43

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	49.13	33.75	5.66	-29.60	58.94	68.20	9.26	PK	Horizontal
2	5726.473	49.82	33.76	5.66	-29.60	59.64	68.20	8.56	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:

2025-07-18

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 AX20 5700MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

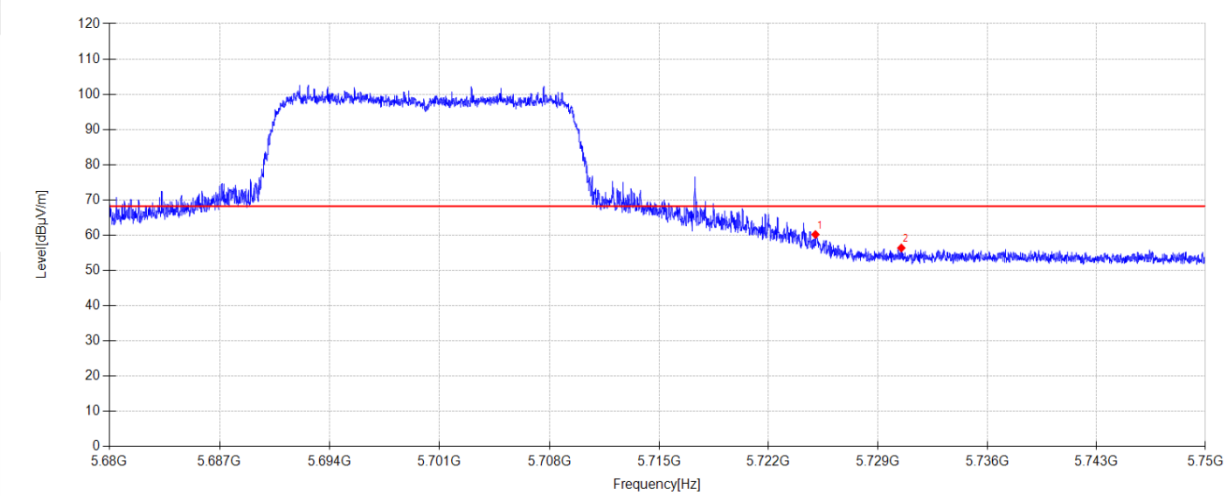
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\44

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	50.37	33.75	5.66	-29.60	60.18	68.20	8.02	PK	Vertical
2	5730.498	46.53	33.78	5.66	-29.60	56.37	68.20	11.83	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 AC20 5180MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

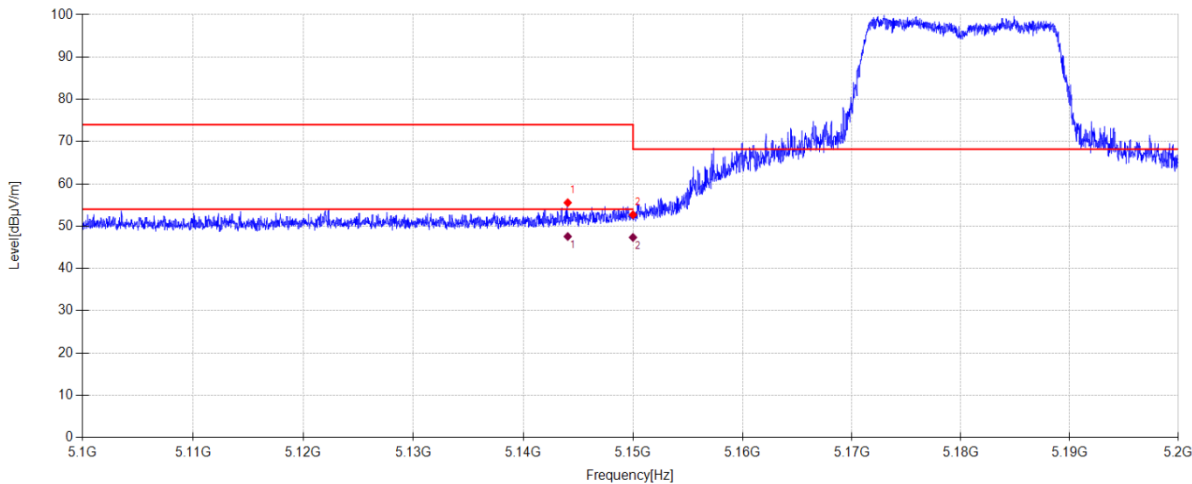
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061119-2E\FCC ABOVE1G 5G\51

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	5144.050	46.46	33.40	5.28	-29.60	55.54	74.00	18.46	PK	Horizontal
2	5150.000	43.62	33.40	5.28	-29.60	52.70	68.20	15.50	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	5144.050	38.47	33.40	5.28	47.55	54.0	6.45	AV	Horizontal	
2	5150.000	38.26	33.40	5.28	47.34	54.0	6.66	AV	Horizontal	

Note:

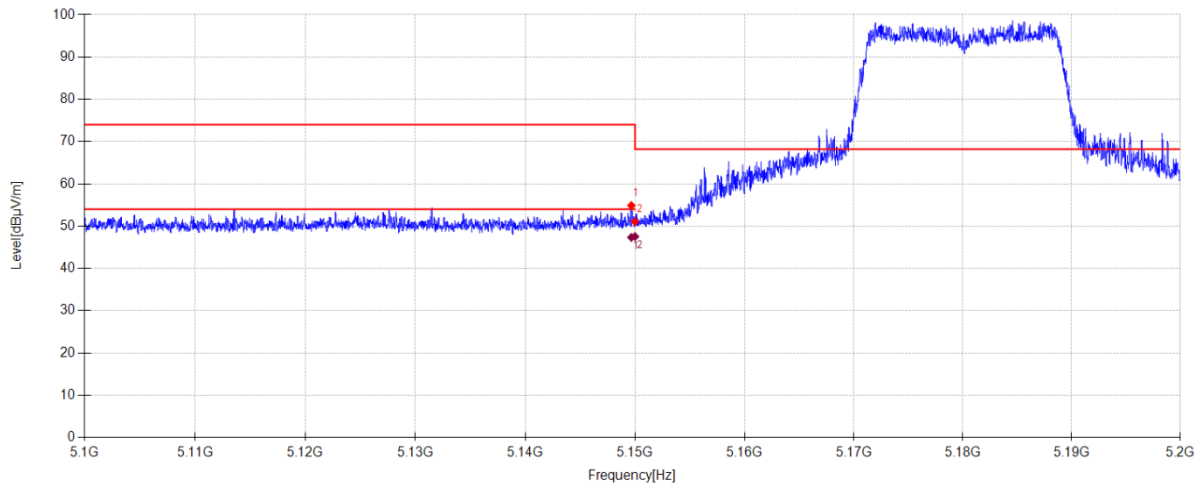
1. Level = Reading + Cable loss + Antenna Factor + AMP

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 AC20 5180MHz 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\52
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	5149.670	45.79	33.40	5.28	-29.60	54.87	74.00	19.13	PK	Vertical
2	5150.000	41.99	33.40	5.28	-29.60	51.07	68.20	17.13	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	5149.670	38.26	33.40	5.28	47.34	54.0	6.66	AV	Vertical
2	5150.000	38.47	33.40	5.28	47.55	54.0	6.45	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.