

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11N20 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

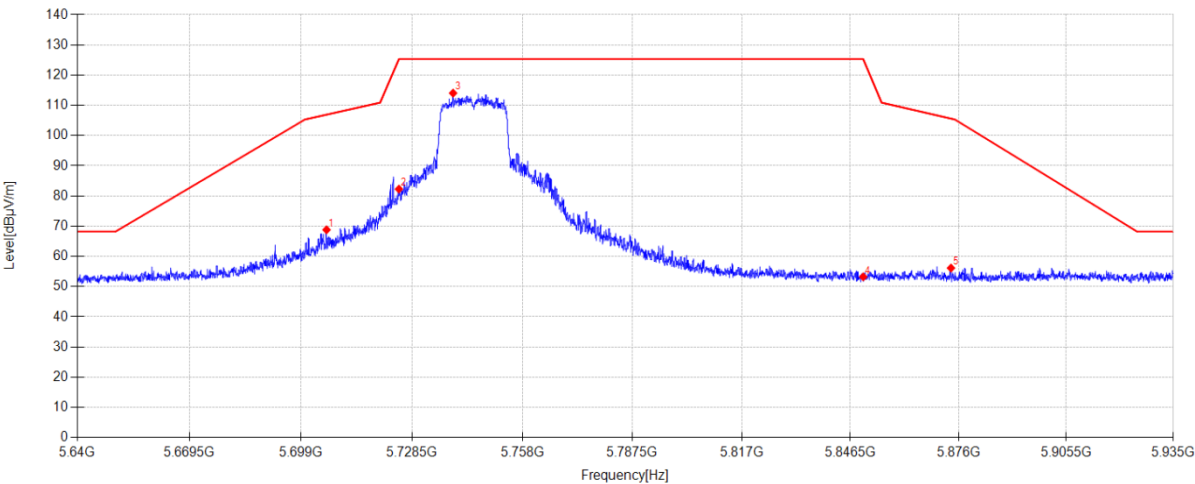
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\18

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5705.756	59.11	33.63	5.65	-29.60	68.79	106.91	38.12	PK	Horizontal
2	5725.000	72.48	33.75	5.66	-29.60	82.29	125.30	43.01	PK	Horizontal
3	5739.445	104.14	33.84	5.67	-29.60	114.05	125.30	11.25	PK	Horizontal
4	5850.000	43.09	34.00	5.74	-29.60	53.23	125.30	72.07	PK	Horizontal
5	5873.935	45.92	34.05	5.76	-29.60	56.13	105.60	49.47	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11N20 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

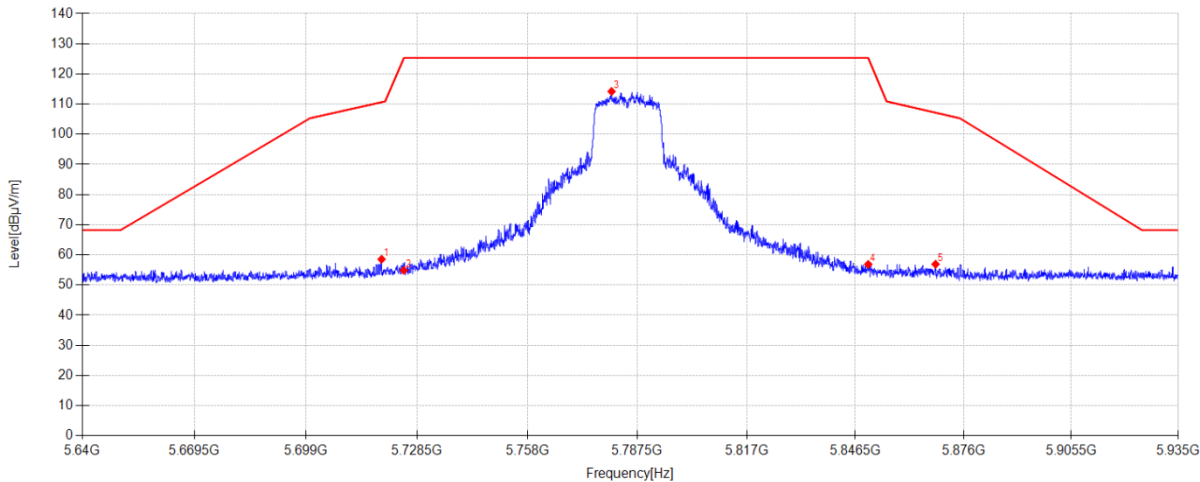
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\17

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5719.060	48.78	33.71	5.65	-29.60	58.54	110.64	52.10	PK	Horizontal
2	5725.000	45.05	33.75	5.66	-29.60	54.86	125.30	70.44	PK	Horizontal
3	5780.568	104.02	34.08	5.70	-29.60	114.20	125.30	11.10	PK	Horizontal
4	5850.000	46.72	34.00	5.74	-29.60	56.86	125.30	68.44	PK	Horizontal
5	5868.360	46.71	34.04	5.75	-29.60	56.90	107.16	50.26	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11N20 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

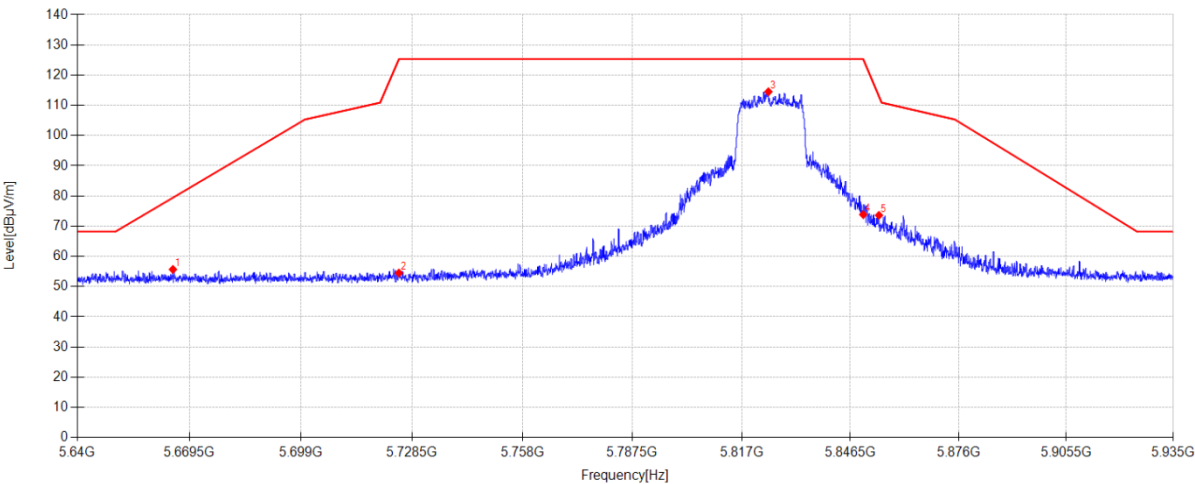
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\16

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5665.134	46.19	33.46	5.62	-29.60	55.67	79.43	23.76	PK	Horizontal
2	5725.000	44.68	33.75	5.66	-29.60	54.49	125.30	70.81	PK	Horizontal
3	5824.257	104.27	34.10	5.72	-29.60	114.49	125.30	10.81	PK	Horizontal
4	5850.000	63.70	34.00	5.74	-29.60	73.84	125.30	51.46	PK	Horizontal
5	5854.288	63.45	34.01	5.74	-29.60	73.60	112.95	39.35	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11AC20 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

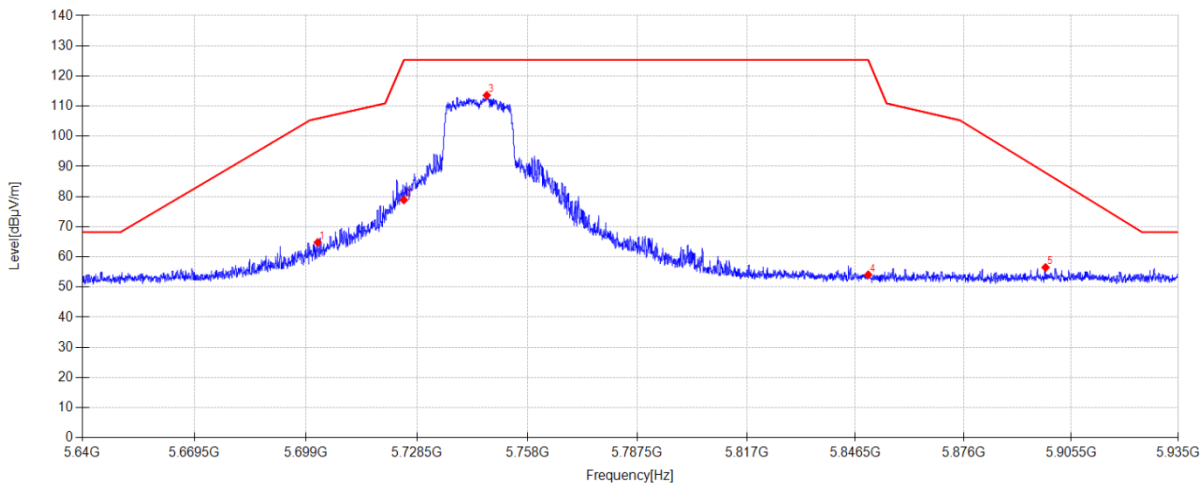
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\19

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5702.098	55.14	33.61	5.64	-29.60	64.79	105.89	41.10	PK	Horizontal
2	5725.000	69.07	33.75	5.66	-29.60	78.88	125.30	46.42	PK	Horizontal
3	5747.115	103.64	33.88	5.67	-29.60	113.59	125.30	11.71	PK	Horizontal
4	5850.000	43.93	34.00	5.74	-29.60	54.07	125.30	71.23	PK	Horizontal
5	5898.450	46.22	34.10	5.77	-29.60	56.49	87.90	31.41	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11AC20 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

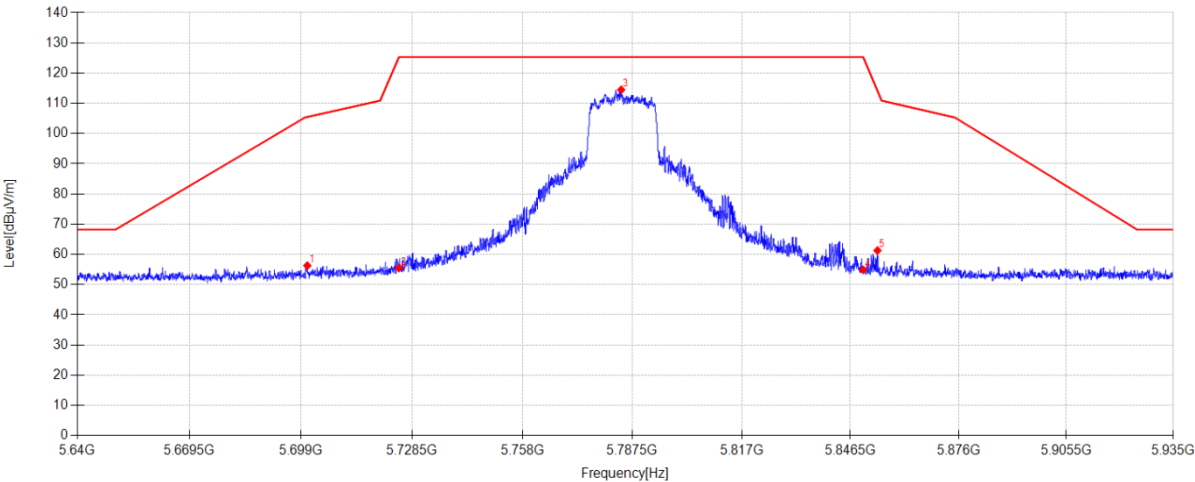
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\20

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5700.652	46.63	33.60	5.64	-29.60	56.27	105.48	49.21	PK	Horizontal
2	5725.000	45.66	33.75	5.66	-29.60	55.47	125.30	69.83	PK	Horizontal
3	5784.491	104.27	34.11	5.70	-29.60	114.48	125.30	10.82	PK	Horizontal
4	5850.000	44.73	34.00	5.74	-29.60	54.87	125.30	70.43	PK	Horizontal
5	5853.875	51.13	34.01	5.74	-29.60	61.28	114.14	52.86	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11AC20 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

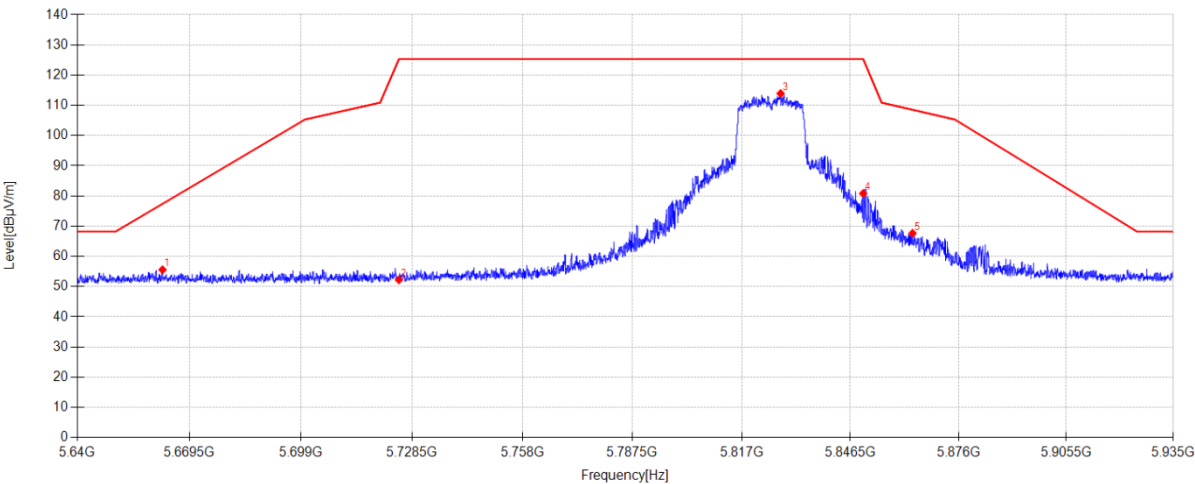
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\21

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5662.391	46.09	33.45	5.62	-29.60	55.56	77.39	21.83	PK	Horizontal
2	5725.000	42.41	33.75	5.66	-29.60	52.22	125.30	73.08	PK	Horizontal
3	5827.561	103.69	34.09	5.73	-29.60	113.91	125.30	11.39	PK	Horizontal
4	5850.000	70.68	34.00	5.74	-29.60	80.82	125.30	44.48	PK	Horizontal
5	5863.433	57.47	34.03	5.75	-29.60	67.65	108.54	40.89	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11AX20 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

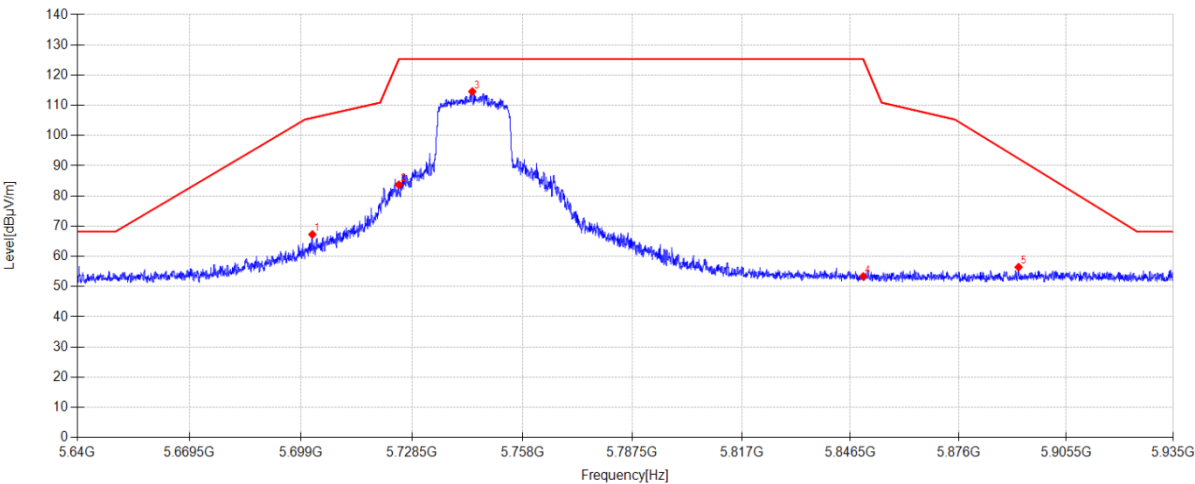
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\24

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5702.009	57.59	33.61	5.64	-29.60	67.24	105.86	38.62	PK	Horizontal
2	5725.000	73.91	33.75	5.66	-29.60	83.72	125.30	41.58	PK	Horizontal
3	5744.578	104.61	33.87	5.67	-29.60	114.55	125.30	10.75	PK	Horizontal
4	5850.000	43.20	34.00	5.74	-29.60	53.34	125.30	71.96	PK	Horizontal
5	5892.432	46.18	34.08	5.77	-29.60	56.43	92.37	35.94	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11AX20 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

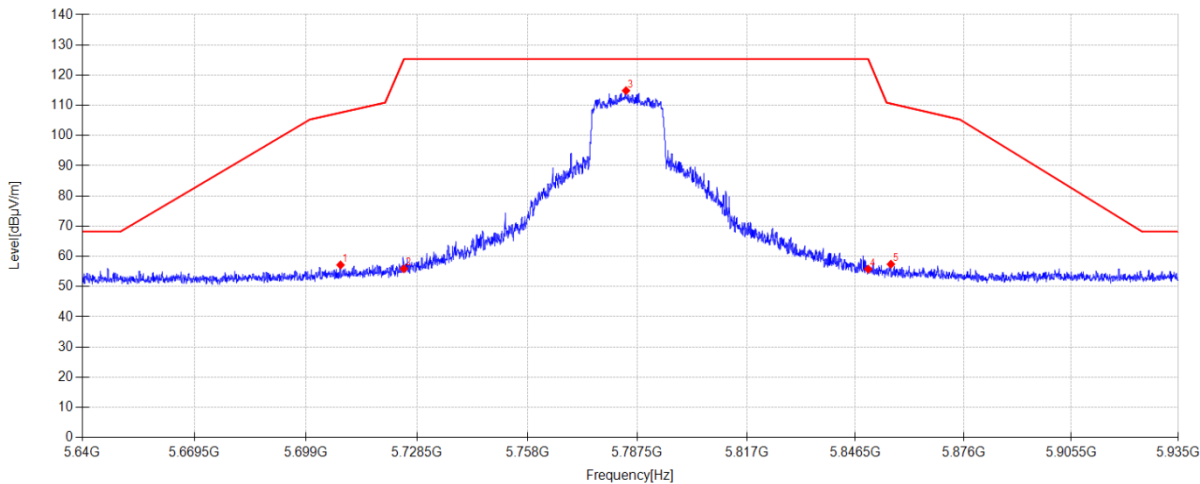
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\23

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5708.145	47.46	33.65	5.65	-29.60	57.16	107.58	50.42	PK	Horizontal
2	5725.000	46.09	33.75	5.66	-29.60	55.90	125.30	69.40	PK	Horizontal
3	5784.462	104.65	34.11	5.70	-29.60	114.86	125.30	10.44	PK	Horizontal
4	5850.000	45.65	34.00	5.74	-29.60	55.79	125.30	69.51	PK	Horizontal
5	5856.176	47.25	34.01	5.75	-29.60	57.41	110.57	53.16	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11AX20 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

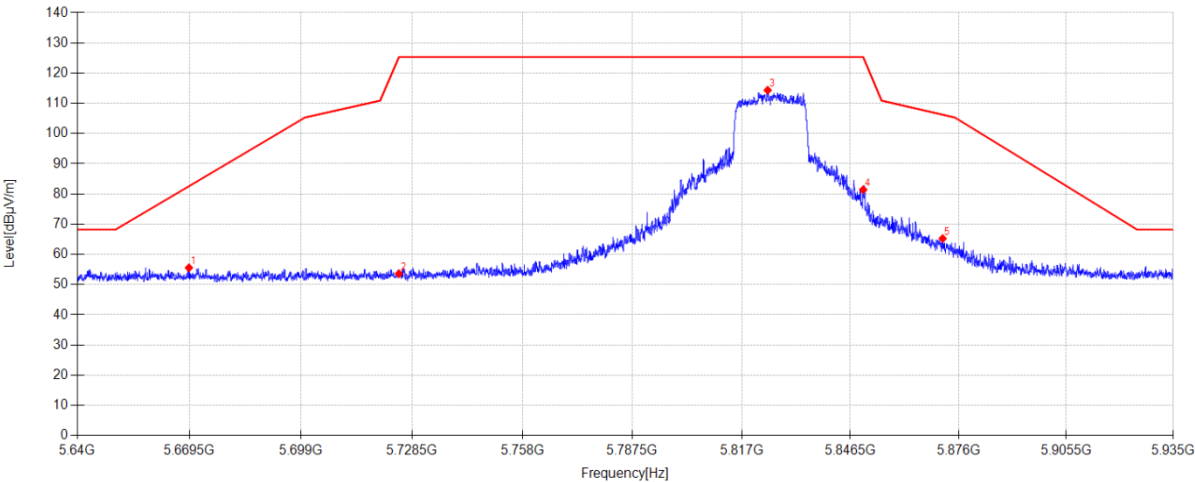
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\22

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5669.353	46.06	33.48	5.62	-29.60	55.56	82.56	27.00	PK	Horizontal
2	5725.000	43.78	33.75	5.66	-29.60	53.59	125.30	71.71	PK	Horizontal
3	5824.051	104.13	34.10	5.72	-29.60	114.35	125.30	10.95	PK	Horizontal
4	5850.000	71.27	34.00	5.74	-29.60	81.41	125.30	43.89	PK	Horizontal
5	5871.664	55.04	34.04	5.76	-29.60	65.24	106.23	40.99	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11BE20 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

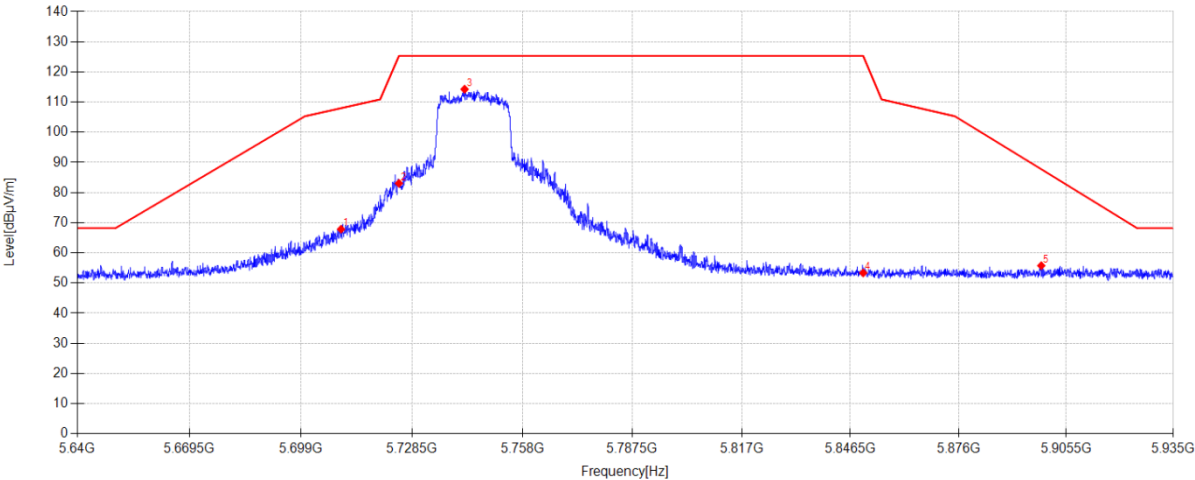
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\25

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5709.620	58.15	33.66	5.65	-29.60	67.86	107.99	40.13	PK	Horizontal
2	5725.000	73.26	33.75	5.66	-29.60	83.07	125.30	42.23	PK	Horizontal
3	5742.513	104.35	33.86	5.67	-29.60	114.28	125.30	11.02	PK	Horizontal
4	5850.000	43.22	34.00	5.74	-29.60	53.36	125.30	71.94	PK	Horizontal
5	5898.656	45.50	34.10	5.77	-29.60	55.77	87.75	31.98	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11BE20 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

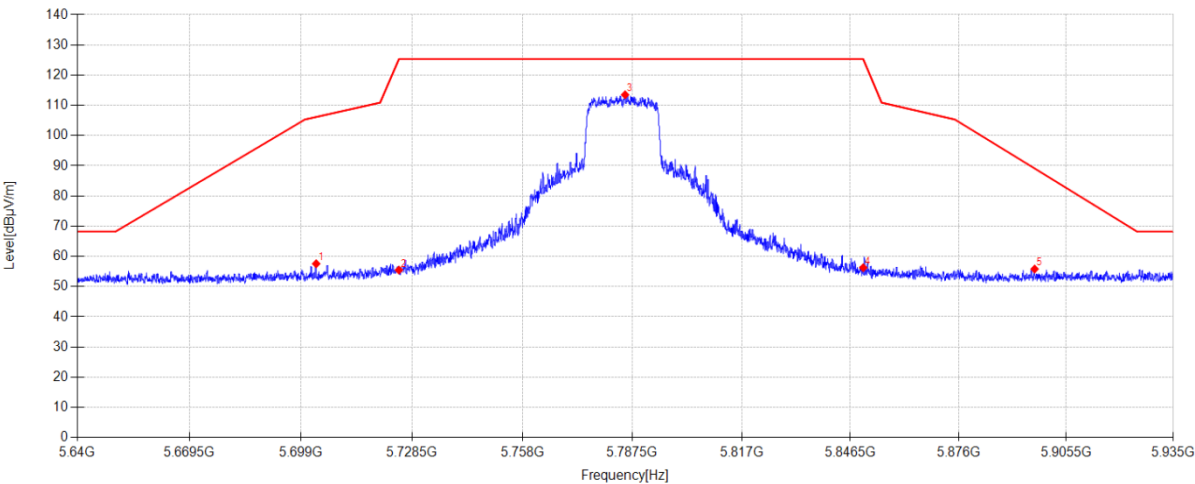
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\26

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5703.012	47.90	33.62	5.64	-29.60	57.56	106.14	48.58	PK	Horizontal
2	5725.000	45.66	33.75	5.66	-29.60	55.47	125.30	69.83	PK	Horizontal
3	5785.553	103.28	34.11	5.70	-29.60	113.49	125.30	11.81	PK	Horizontal
4	5850.000	46.11	34.00	5.74	-29.60	56.25	125.30	69.05	PK	Horizontal
5	5896.827	45.55	34.09	5.77	-29.60	55.81	89.10	33.29	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11BE20 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

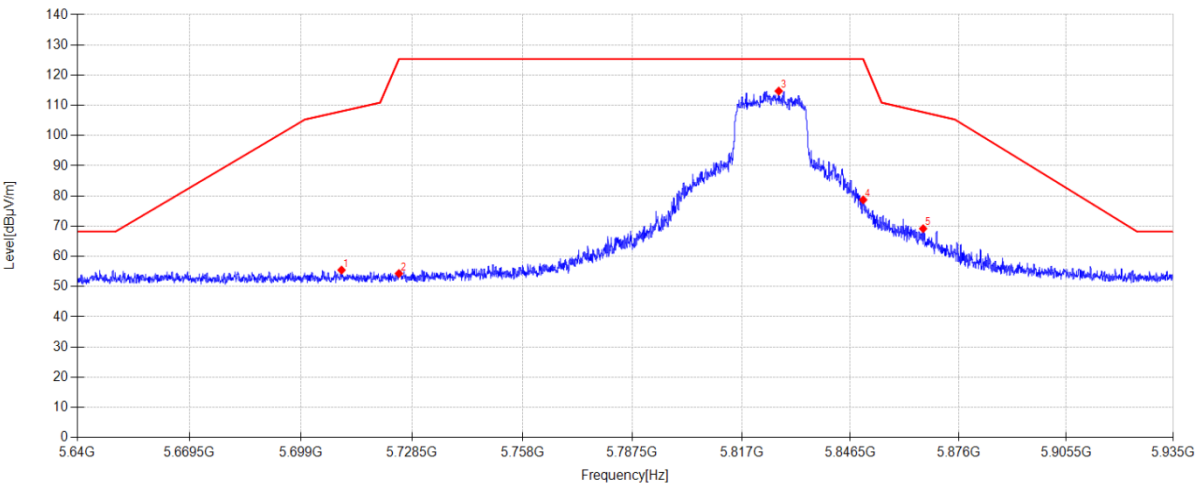
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\27

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5709.738	45.75	33.66	5.65	-29.60	55.46	108.03	52.57	PK	Horizontal
2	5725.000	44.51	33.75	5.66	-29.60	54.32	125.30	70.98	PK	Horizontal
3	5827.060	104.50	34.09	5.73	-29.60	114.72	125.30	10.58	PK	Horizontal
4	5850.000	68.57	34.00	5.74	-29.60	78.71	125.30	46.59	PK	Horizontal
5	5866.324	58.99	34.03	5.75	-29.60	69.17	107.73	38.56	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11N40 5755MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

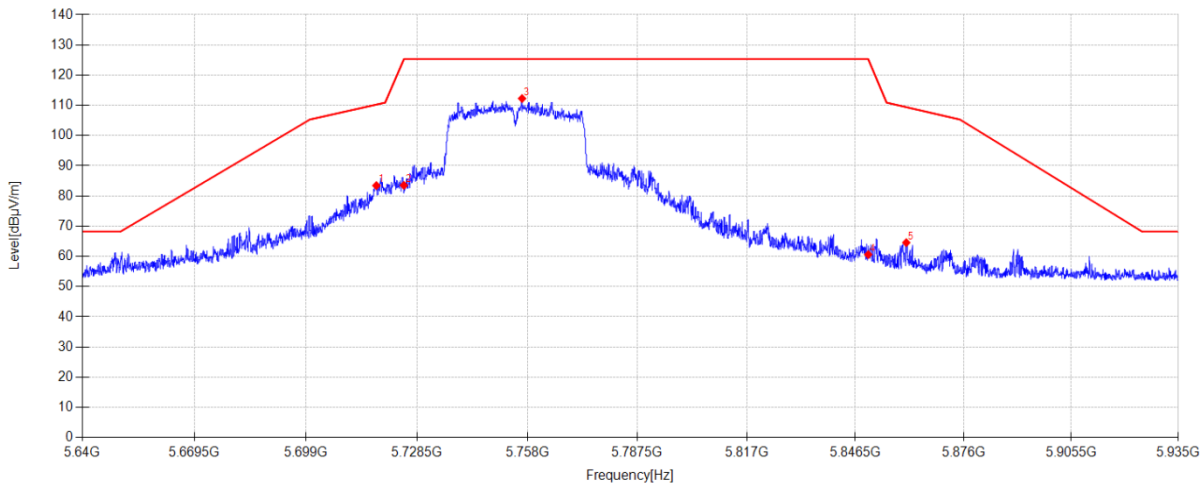
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\34

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5717.674	73.67	33.71	5.65	-29.60	83.43	110.25	26.82	PK	Horizontal
2	5725.000	73.70	33.75	5.66	-29.60	83.51	125.30	41.79	PK	Horizontal
3	5756.555	102.24	33.94	5.68	-29.60	112.26	125.30	13.04	PK	Horizontal
4	5850.000	50.46	34.00	5.74	-29.60	60.60	125.30	64.70	PK	Horizontal
5	5860.365	54.39	34.02	5.75	-29.60	64.56	109.40	44.84	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11N40 5795MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

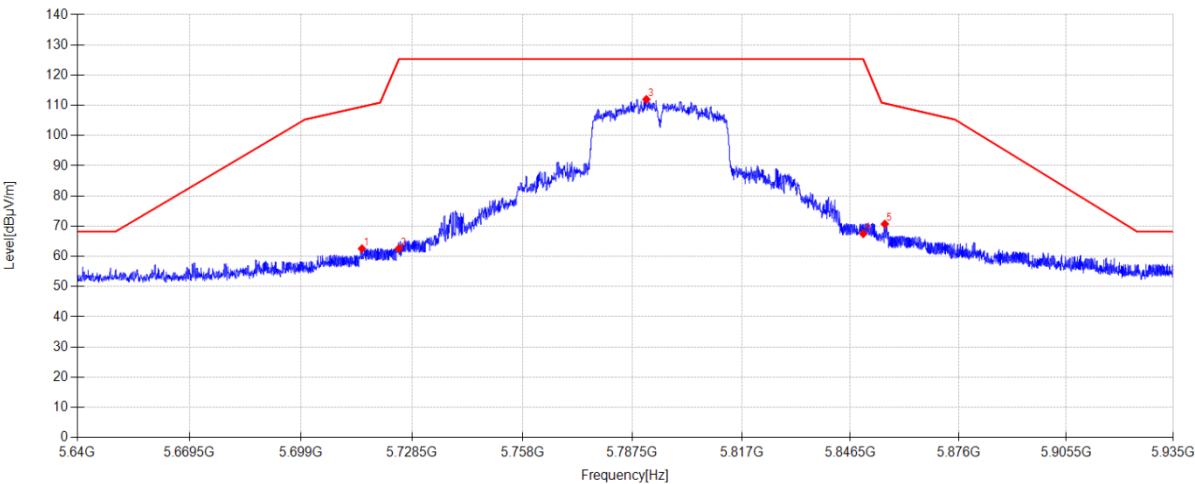
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\35

Memo:

Sample Number:S25061925-003 Power Setting:20



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5715.166	52.81	33.69	5.65	-29.60	62.55	109.55	47.00	PK	Horizontal
2	5725.000	52.78	33.75	5.66	-29.60	62.59	125.30	62.71	PK	Horizontal
3	5791.276	101.72	34.15	5.70	-29.60	111.97	125.30	13.33	PK	Horizontal
4	5850.000	57.33	34.00	5.74	-29.60	67.47	125.30	57.83	PK	Horizontal
5	5855.881	60.56	34.01	5.74	-29.60	70.71	110.65	39.94	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11AC40 5755MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

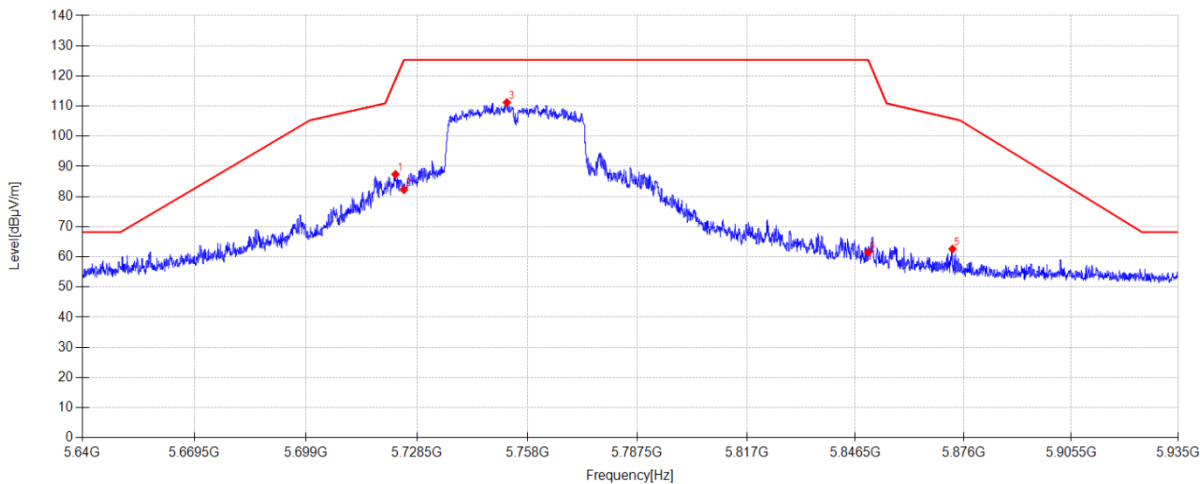
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\33

Memo:

Sample Number:S25061925-003 Power Setting:20



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.748	77.57	33.74	5.66	-29.60	87.37	118.81	31.44	PK	Horizontal
2	5725.000	72.47	33.75	5.66	-29.60	82.28	125.30	43.02	PK	Horizontal
3	5752.484	101.21	33.91	5.68	-29.60	111.20	125.30	14.10	PK	Horizontal
4	5850.000	51.35	34.00	5.74	-29.60	61.49	125.30	63.81	PK	Horizontal
5	5872.991	52.41	34.05	5.76	-29.60	62.62	105.86	43.24	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11AC40 5795MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

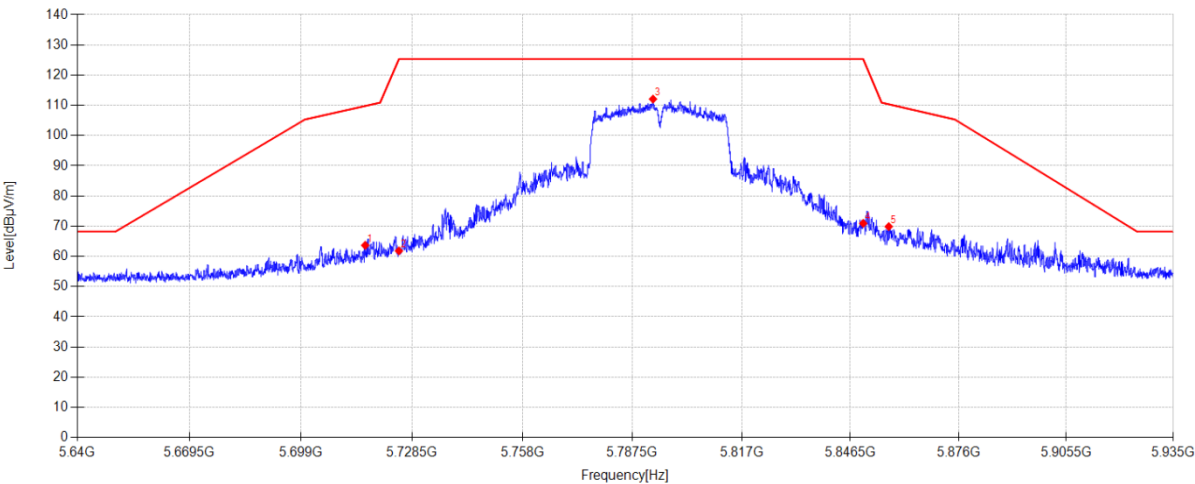
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\32

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5716.022	53.89	33.70	5.65	-29.60	63.64	109.79	46.15	PK	Horizontal
2	5725.000	52.00	33.75	5.66	-29.60	61.81	125.30	63.49	PK	Horizontal
3	5793.076	101.82	34.16	5.70	-29.60	112.08	125.30	13.22	PK	Horizontal
4	5850.000	60.78	34.00	5.74	-29.60	70.92	125.30	54.38	PK	Horizontal
5	5856.943	59.70	34.01	5.75	-29.60	69.86	110.36	40.50	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11AX40 5755MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

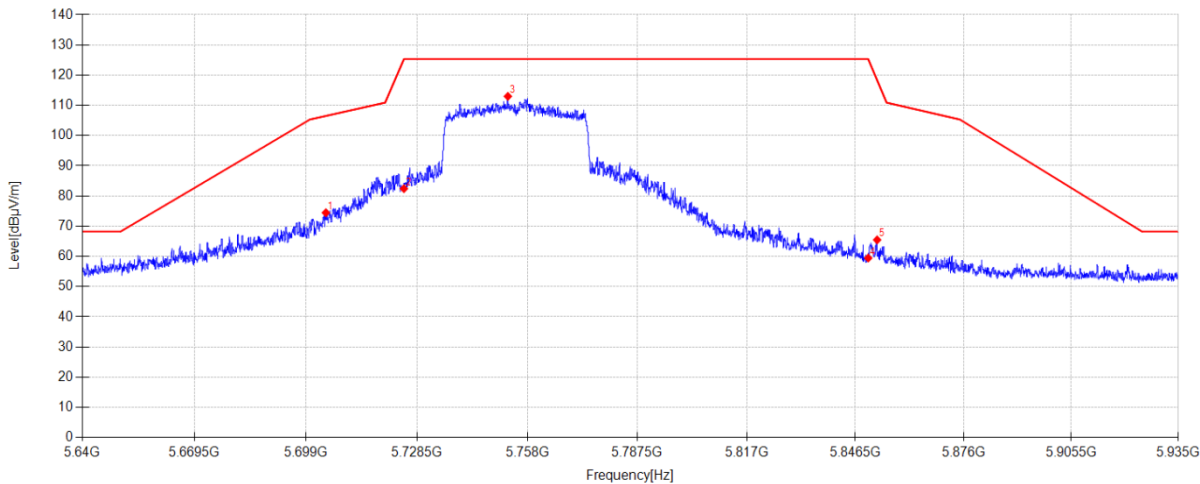
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\30

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5704.251	64.78	33.63	5.64	-29.60	74.45	106.49	32.04	PK	Horizontal
2	5725.000	72.60	33.75	5.66	-29.60	82.41	125.30	42.89	PK	Horizontal
3	5752.749	102.97	33.92	5.68	-29.60	112.97	125.30	12.33	PK	Horizontal
4	5850.000	49.31	34.00	5.74	-29.60	59.45	125.30	65.85	PK	Horizontal
5	5852.430	55.32	34.00	5.74	-29.60	65.46	118.30	52.84	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11AX40 5795MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

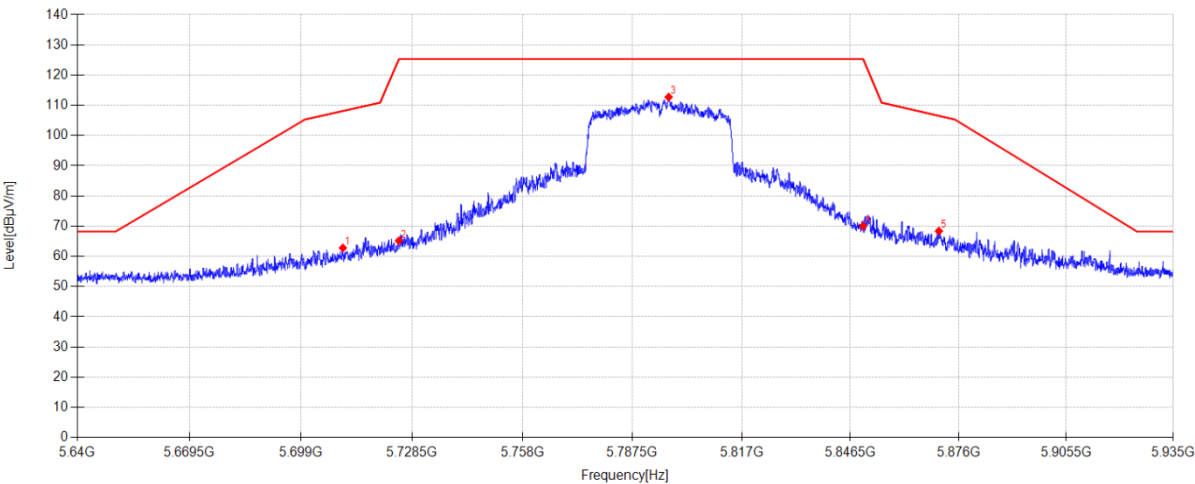
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\31

Memo:

Sample Number:S25061925-003 Power Setting:20



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5710.092	53.06	33.66	5.65	-29.60	62.77	108.13	45.36	PK	Horizontal
2	5725.000	55.35	33.75	5.66	-29.60	65.16	125.30	60.14	PK	Horizontal
3	5797.294	102.45	34.18	5.71	-29.60	112.74	125.30	12.56	PK	Horizontal
4	5850.000	59.88	34.00	5.74	-29.60	70.02	125.30	55.28	PK	Horizontal
5	5870.631	58.18	34.04	5.75	-29.60	68.37	106.52	38.15	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11BE40 5755MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

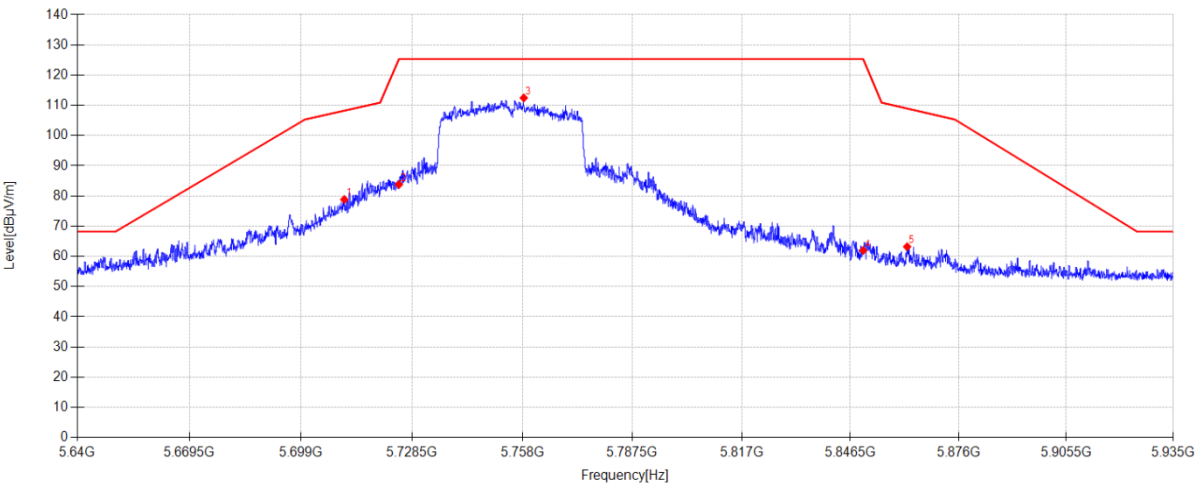
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\29

Memo:

Sample Number:S25061925-003 Power Setting:20



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5710.476	69.12	33.66	5.65	-29.60	78.83	108.23	29.40	PK	Horizontal
2	5725.000	73.98	33.75	5.66	-29.60	83.79	125.30	41.51	PK	Horizontal
3	5758.354	102.44	33.95	5.68	-29.60	112.47	125.30	12.83	PK	Horizontal
4	5850.000	51.81	34.00	5.74	-29.60	61.95	125.30	63.35	PK	Horizontal
5	5861.958	53.03	34.02	5.75	-29.60	63.20	108.95	45.75	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11BE40 5795MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

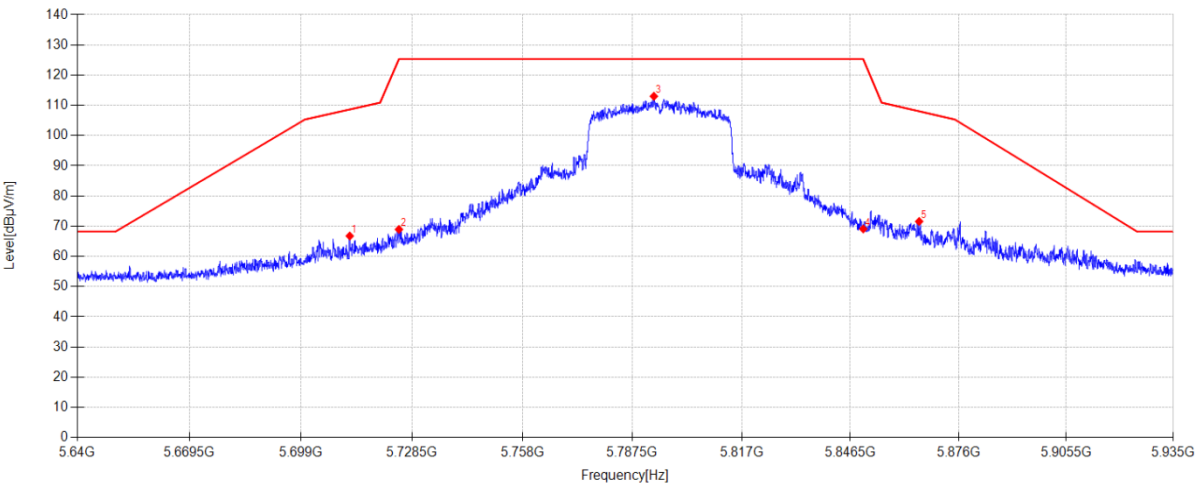
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\28

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5711.921	57.03	33.67	5.65	-29.60	66.75	108.64	41.89	PK	Horizontal
2	5725.000	59.11	33.75	5.66	-29.60	68.92	125.30	56.38	PK	Horizontal
3	5793.312	102.73	34.16	5.70	-29.60	112.99	125.30	12.31	PK	Horizontal
4	5850.000	58.93	34.00	5.74	-29.60	69.07	125.30	56.23	PK	Horizontal
5	5865.233	61.38	34.03	5.75	-29.60	71.56	108.03	36.47	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11AC80 5775MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

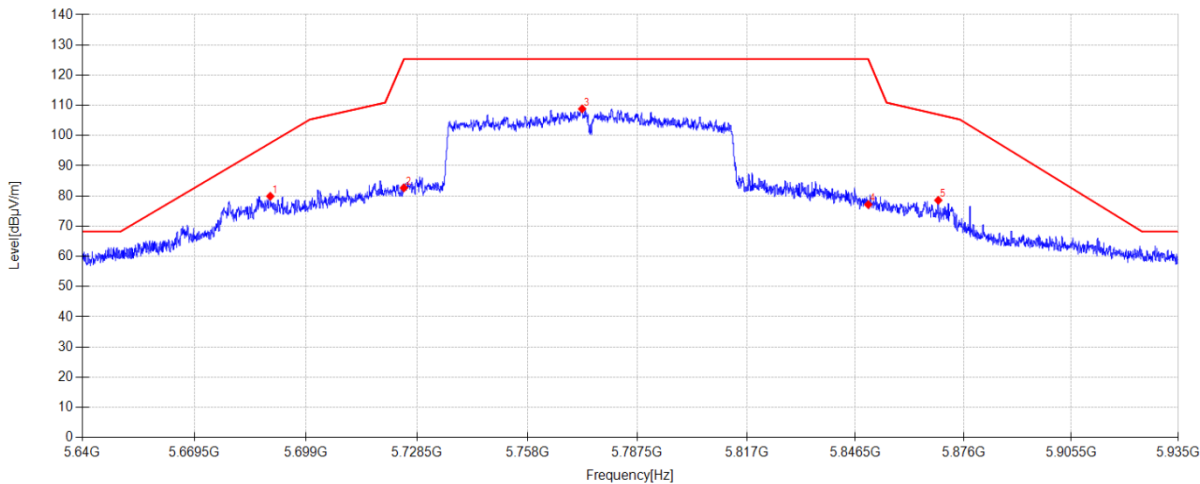
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\36

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5689.531	70.30	33.56	5.64	-29.60	79.90	97.53	17.63	PK	Horizontal
2	5725.000	72.86	33.75	5.66	-29.60	82.67	125.30	42.63	PK	Horizontal
3	5772.662	98.70	34.04	5.69	-29.60	108.83	125.30	16.47	PK	Horizontal
4	5850.000	67.01	34.00	5.74	-29.60	77.15	125.30	48.15	PK	Horizontal
5	5869.097	68.38	34.04	5.75	-29.60	78.57	106.95	28.38	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11AX80 5775MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

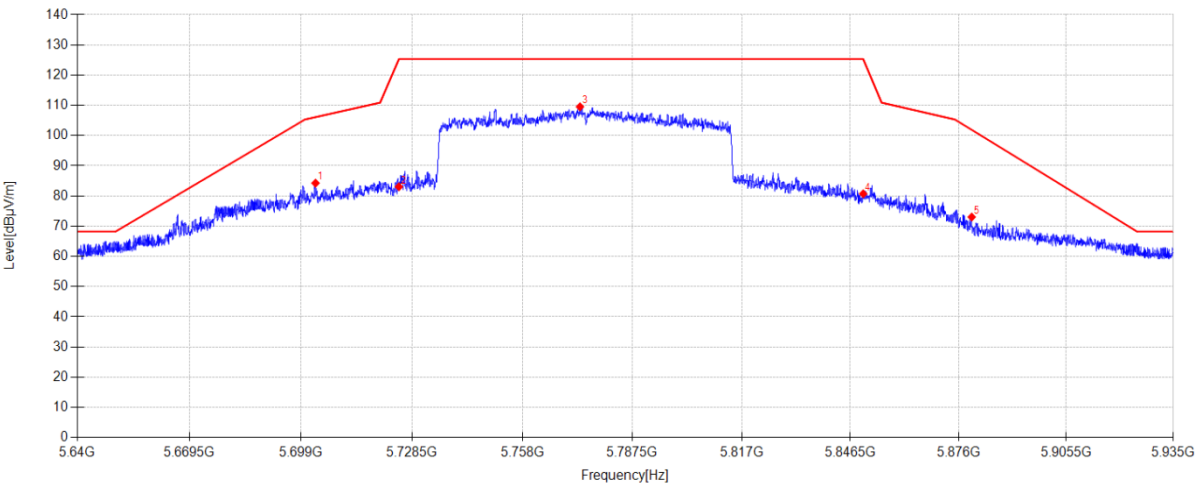
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\37

Memo:

Sample Number:S25061925-003 Power Setting:20



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	5702.835	74.59	33.62	5.64	-29.60	84.25	106.09	21.84	PK	Horizontal
2	5725.000	73.24	33.75	5.66	-29.60	83.05	125.30	42.25	PK	Horizontal
3	5773.429	99.40	34.04	5.69	-29.60	109.53	125.30	15.77	PK	Horizontal
4	5850.000	70.58	34.00	5.74	-29.60	80.72	125.30	44.58	PK	Horizontal
5	5879.599	62.80	34.06	5.76	-29.60	73.02	101.89	28.87	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:

2025-07-21

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2535

Test Mode:

MIMO TX 11BE80 5775MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

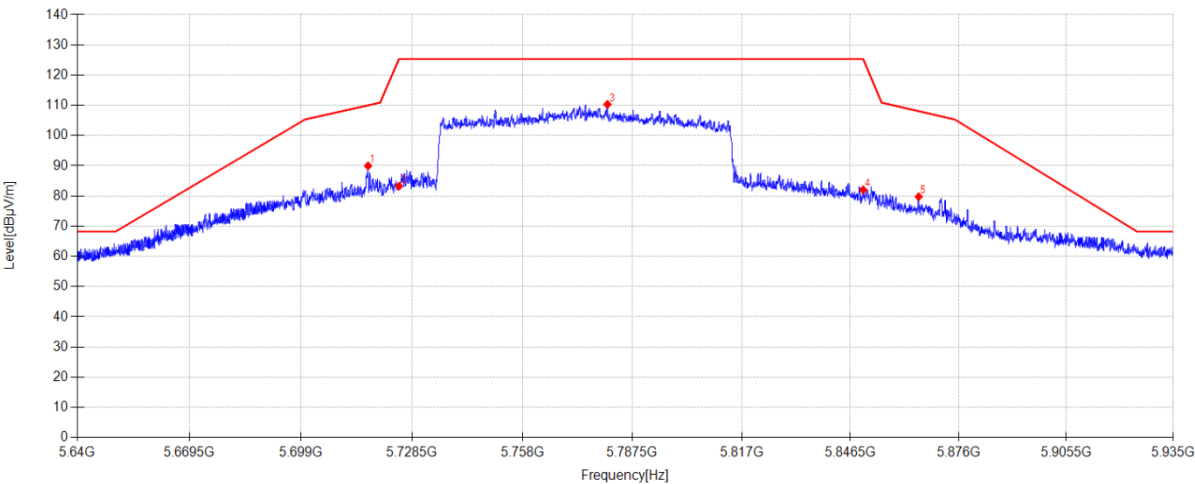
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061925-1E\FCC Above 1G 5.8G\38

Memo:

Sample Number:S25061925-003



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	5716.789	80.21	33.70	5.65	-29.60	89.96	110.00	20.04	PK	Horizontal
2	5725.000	73.42	33.75	5.66	-29.60	83.23	125.30	42.07	PK	Horizontal
3	5780.804	100.15	34.08	5.70	-29.60	110.33	125.30	14.97	PK	Horizontal
4	5850.000	71.89	34.00	5.74	-29.60	82.03	125.30	43.27	PK	Horizontal
5	5865.115	69.58	34.03	5.75	-29.60	79.76	108.07	28.31	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.

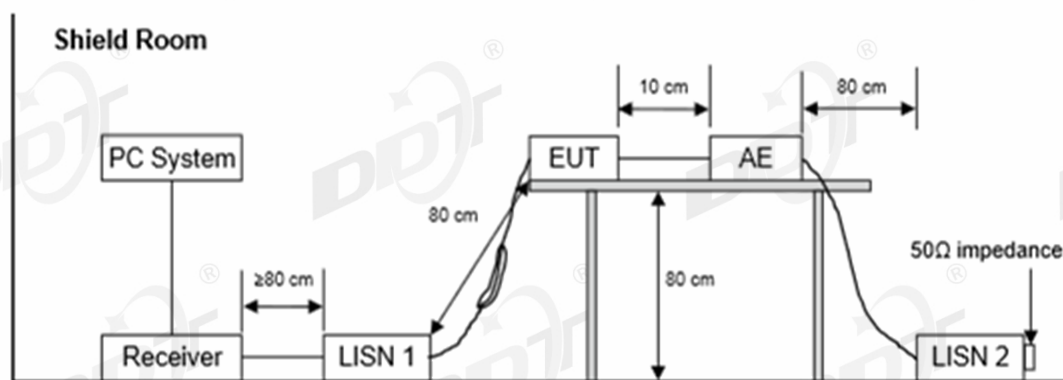
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Power Line Conducted Emissions

14.1. Test equipment

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

14.2. Block diagram of test setup



14.3. Limits

Frequency	Quasi-Peak Level dB(uV)	Average Level dB(uV)
150 kHz~500 kHz	66 ~ 56*	56 ~ 46*
500 kHz~5 MHz	56	46
5 MHz~30 MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

14.4. Assistant equipment used for test

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

14.5. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

14.6. Test result

PASS. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: “----” means Peak detection; “-----” means Average detection.

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

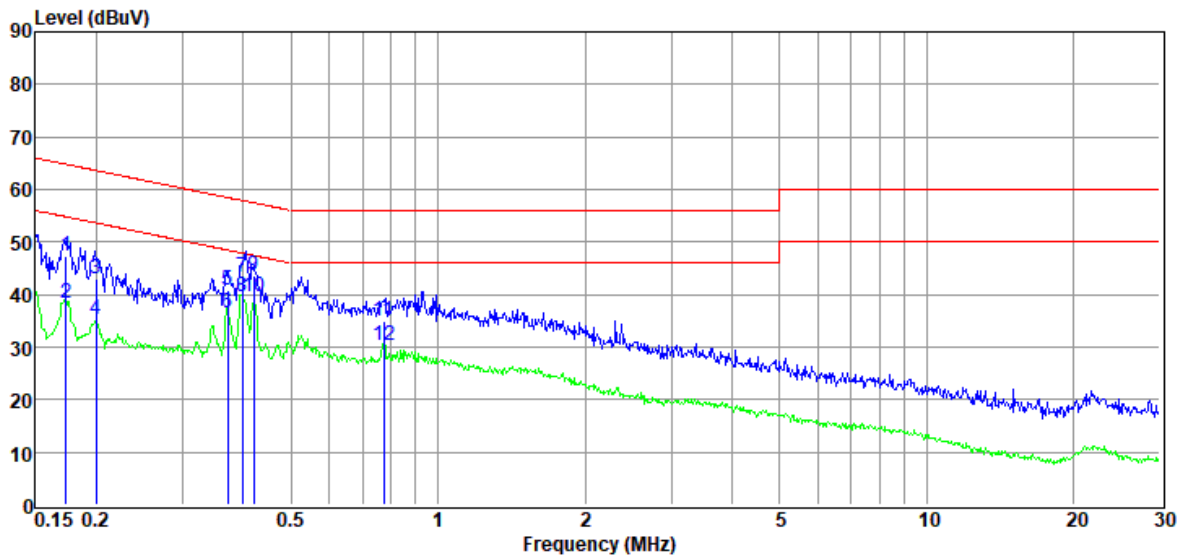
14.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 5# Shield Room
Test Date : 2025-07-23
EUT : Wireless Access Point
Power Supply : AC 120V/60Hz
Condition : Temp:21.3°C,Humi:42.8%
Memo : S25061925-003

D:\2025 report data\Q25061925-1E\EM6.EM6
Tested By : Nan Zhong
Model Number : L2535
Test Mode : TX 5G Mode
LISN : 2023 ENV216 2#/LINE

Data: 6



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBμV)	Limit Line (dBμV)	Over Limit (dB)	Detector	Phase
1	0.17	27.26	9.96	0.09	10.06	47.37	64.81	-17.44	QP	LINE
2	0.17	18.39	9.96	0.09	10.06	38.50	54.81	-16.31	Average	LINE
3	0.20	22.80	9.92	0.09	10.06	42.87	63.62	-20.75	QP	LINE
4	0.20	15.05	9.92	0.09	10.06	35.12	53.62	-18.50	Average	LINE
5	0.37	20.80	9.94	0.09	10.07	40.90	58.47	-17.57	QP	LINE
6	0.37	16.40	9.94	0.09	10.07	36.50	48.47	-11.97	Average	LINE
7	0.40	23.28	10.00	0.10	10.07	43.45	57.90	-14.45	QP	LINE
8	0.40	19.28	10.00	0.10	10.07	39.45	47.90	-8.45	Average	LINE
9	0.42	23.32	10.01	0.10	10.07	43.50	57.46	-13.96	QP	LINE
10	0.42	19.28	10.01	0.10	10.07	39.46	47.46	-8.00	Average	LINE
11	0.78	14.73	9.97	0.10	10.06	34.86	56.00	-21.14	QP	LINE
12	0.78	10.30	9.97	0.10	10.06	30.43	46.00	-15.57	Average	LINE

Note: 1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 5# Shield Room

D:\2025 report data\Q25061925-1E\EM6.EM6

Test Date : 2025-07-23

Tested By : Nan Zhong

EUT : Wireless Access Point

Model Number : L2535

Power Supply : AC 120V/60Hz

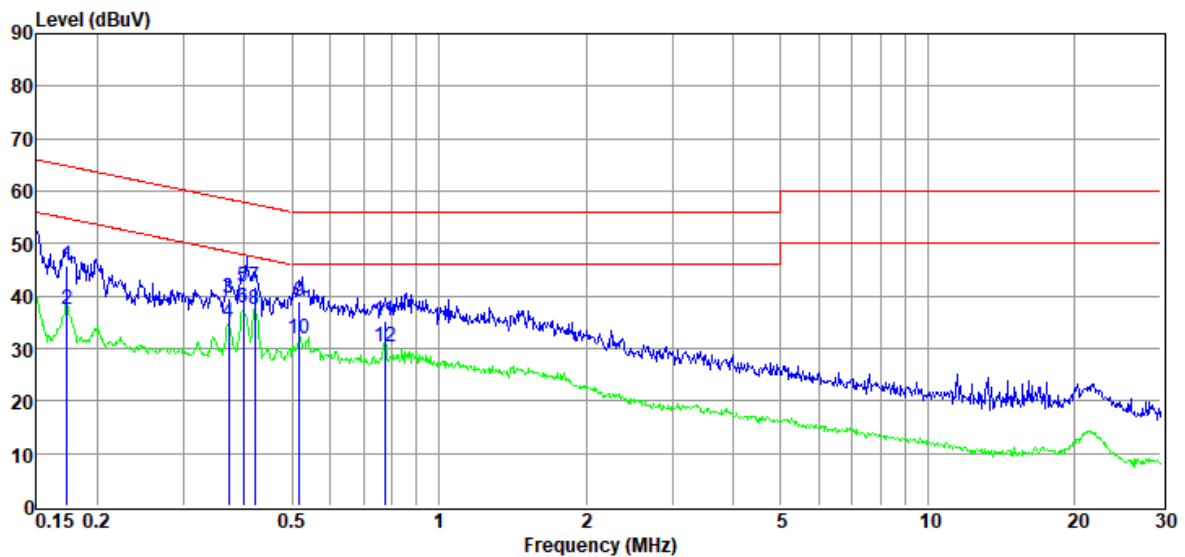
Test Mode : TX 5G Mode

Condition : Temp:21.3°C,Humi:42.8%

LISN : 2023 ENV216 2##/NEUTRAL

Memo : S25061925-003

Data: 8



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV)	(dBuV)	(dB)		
1	0.17	25.79	9.96	0.09	10.06	45.90	64.81	-18.91	QP	NEUTRAL
2	0.17	17.17	9.96	0.09	10.06	37.28	54.81	-17.53	Average	NEUTRAL
3	0.37	19.35	10.04	0.09	10.07	39.55	58.47	-18.92	QP	NEUTRAL
4	0.37	14.84	10.04	0.09	10.07	35.04	48.47	-13.43	Average	NEUTRAL
5	0.40	21.57	10.03	0.10	10.07	41.77	57.90	-16.13	QP	NEUTRAL
6	0.40	17.45	10.03	0.10	10.07	37.65	47.90	-10.25	Average	NEUTRAL
7	0.42	21.52	10.02	0.10	10.07	41.71	57.46	-15.75	QP	NEUTRAL
8	0.42	17.32	10.02	0.10	10.07	37.51	47.46	-9.95	Average	NEUTRAL
9	0.52	18.82	9.97	0.10	10.07	38.96	56.00	-17.04	QP	NEUTRAL
10	0.52	11.57	9.97	0.10	10.07	31.71	46.00	-14.29	Average	NEUTRAL
11	0.78	15.02	9.97	0.10	10.06	35.15	56.00	-20.85	QP	NEUTRAL
12	0.78	10.23	9.97	0.10	10.06	30.36	46.00	-15.64	Average	NEUTRAL

Note: 1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.

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

3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).

4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

16. Photos of the EUT

Please refer to DDT-Q25061925-2E appendix I

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