

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-24

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2530

Test Mode:

MIMO TX 11AX40 5710MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

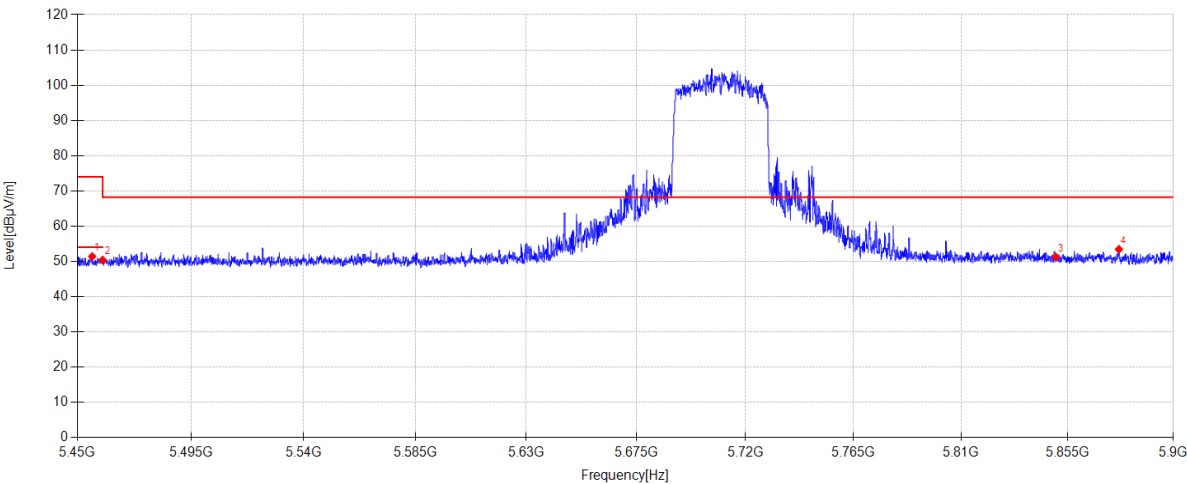
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5G KUAYUE\6

Memo:

Sample Numbler:S25070107-004



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	5455.850	42.52	33.00	5.48	-29.60	51.40	74.00	22.60	PK	Horizontal
2	5460.000	41.49	33.00	5.48	-29.60	50.37	68.20	17.83	PK	Horizontal
3	5850.000	41.09	34.00	5.74	-29.60	51.23	68.20	16.97	PK	Horizontal
4	5876.825	43.22	34.05	5.76	-29.60	53.43	68.20	14.77	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-24

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2530

Test Mode:

MIMO TX 11AC40 5710MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

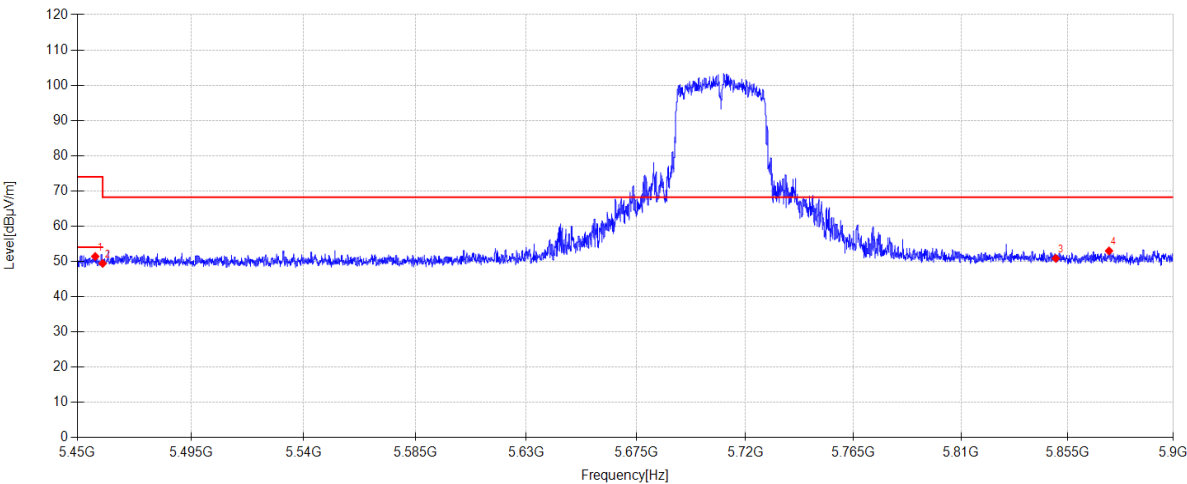
DDT 3# Chamber

File Path:

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Memo:

Sample Numbler:S25070107-004



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5457.065	42.52	33.00	5.48	-29.60	51.40	74.00	22.60	PK	Horizontal
2	5460.000	40.55	33.00	5.48	-29.60	49.43	68.20	18.77	PK	Horizontal
3	5850.000	40.71	34.00	5.74	-29.60	50.85	68.20	17.35	PK	Horizontal
4	5872.595	42.77	34.05	5.76	-29.60	52.98	68.20	15.22	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:

2025-07-24

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2530

Test Mode:

MIMO TX 11N40 5710MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

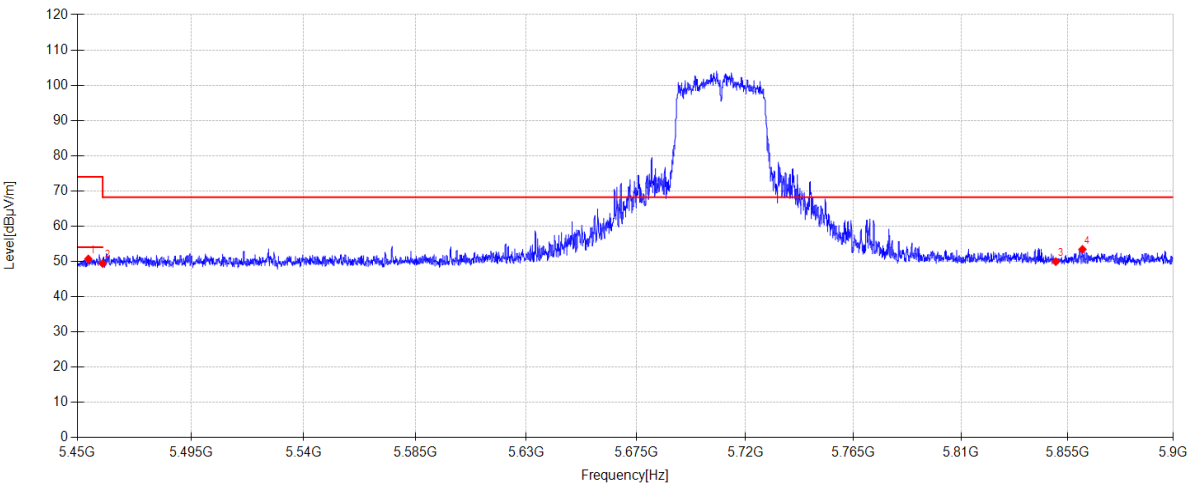
DDT 3# Chamber

File Path:

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Memo:

Sample Numbler:S25070107-004



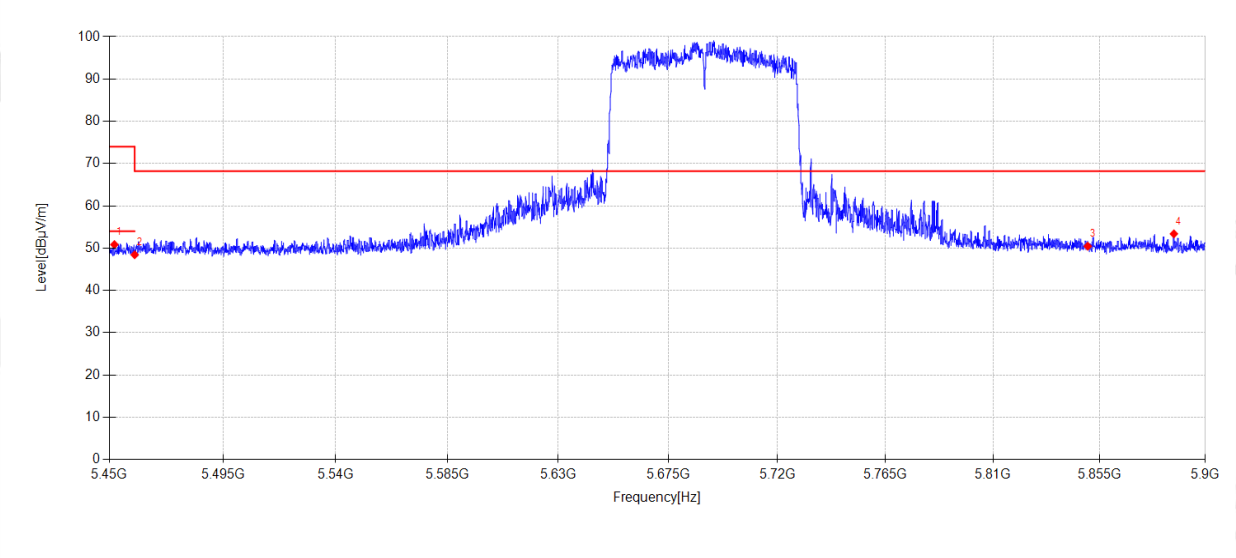
Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5454.320	41.80	33.00	5.48	-29.60	50.68	74.00	23.32	PK	Horizontal
2	5460.000	40.52	33.00	5.48	-29.60	49.40	68.20	18.80	PK	Horizontal
3	5850.000	39.81	34.00	5.74	-29.60	49.95	68.20	18.25	PK	Horizontal
4	5861.300	43.23	34.02	5.75	-29.60	53.40	68.20	14.80	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: 2025-07-24 Tested By: Lin Guoyuan
EUT: Wireless Access Point Model Number: L2530
Test Mode: MIMO TX 11AC80 5690MHz 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\Q25070107-1E\FCC Above 1G 5G KUAYUE\9
Memo: Sample Numbler:S25070107-004



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5451.980	41.96	33.00	5.48	-29.60	50.84	74.00	23.16	PK	Horizontal
2	5460.000	39.56	33.00	5.48	-29.60	48.44	68.20	19.76	PK	Horizontal
3	5850.000	40.32	34.00	5.74	-29.60	50.46	68.20	17.74	PK	Horizontal
4	5886.590	43.14	34.07	5.77	-29.60	53.38	68.20	14.82	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:

2025-07-24

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2530

Test Mode:

MIMO TX 11AX80 5690MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

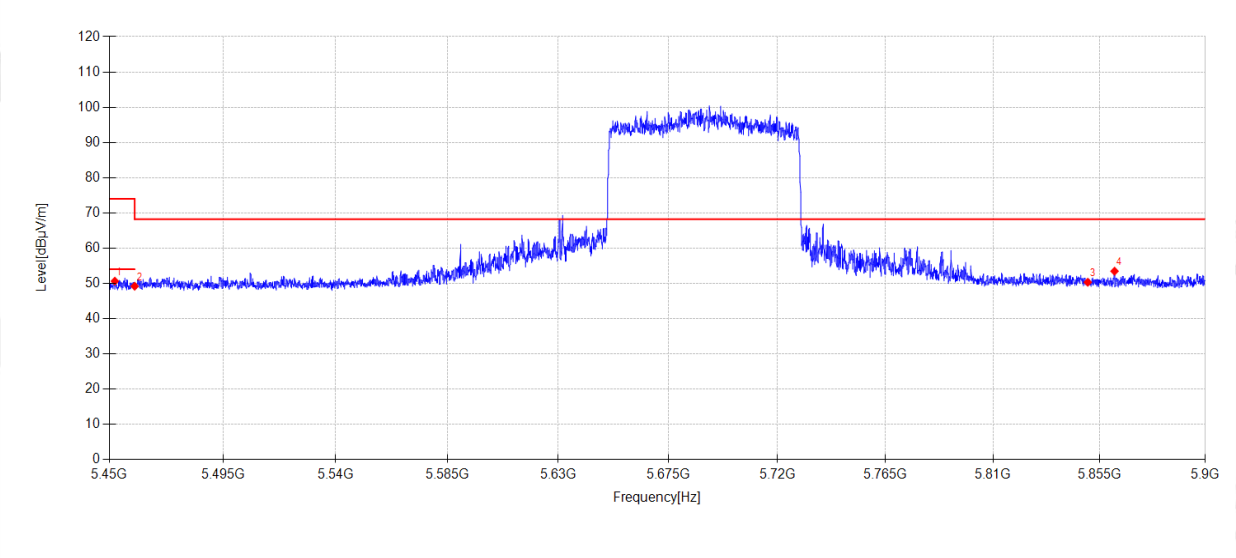
DDT 3# Chamber

File Path:

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Memo:

Sample Numbler:S25070107-004



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5452.160	41.77	33.00	5.48	-29.60	50.65	74.00	23.35	PK	Horizontal
2	5460.000	40.32	33.00	5.48	-29.60	49.20	68.20	19.00	PK	Horizontal
3	5850.000	40.19	34.00	5.74	-29.60	50.33	68.20	17.87	PK	Horizontal
4	5861.345	43.30	34.02	5.75	-29.60	53.47	68.20	14.73	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:

2025-07-24

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2530

Test Mode:

MIMO TX 11N20 5720MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

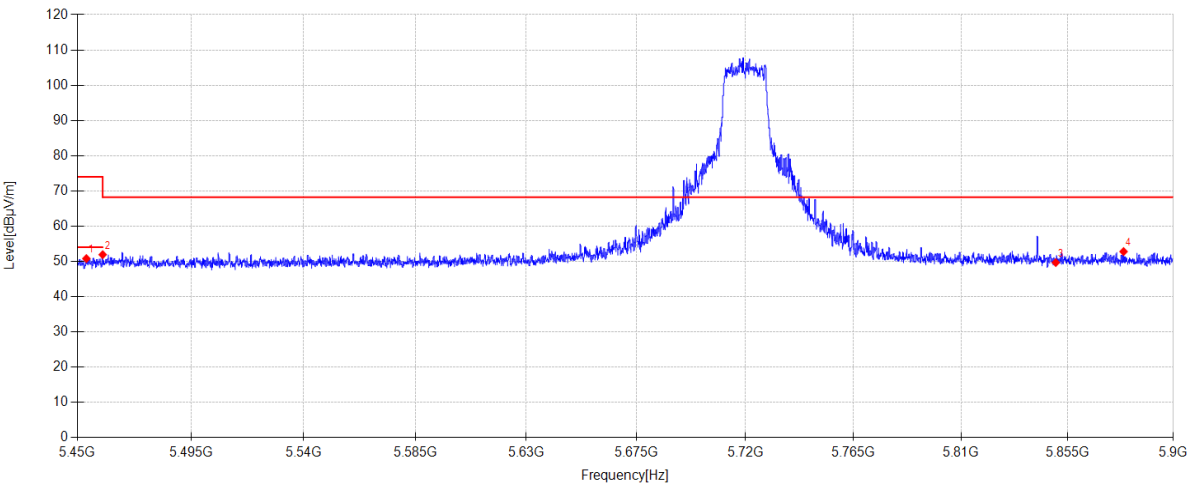
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5G KUAYUE\11

Memo:

Sample Numbler:S25070107-004



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5453.555	41.92	33.00	5.48	-29.60	50.80	74.00	23.20	PK	Horizontal
2	5460.000	43.03	33.00	5.48	-29.60	51.91	68.20	16.29	PK	Horizontal
3	5850.000	39.53	34.00	5.74	-29.60	49.67	68.20	18.53	PK	Horizontal
4	5878.805	42.57	34.06	5.76	-29.60	52.79	68.20	15.41	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:2025-07-24

Tested By:Lin Guoyuan

EUT:Wireless Access Point

Model Number:L2530

Test Mode:TX 11A-CDD 5745MHz Mode

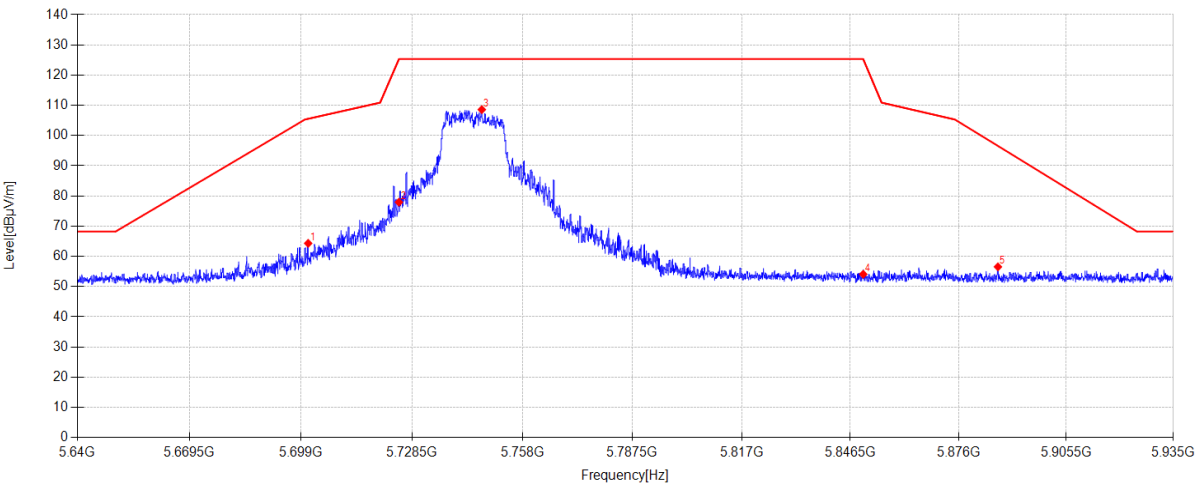
Power Supply:AC 120V/60Hz

Condition:Temp:22.8°C;Humi:57.5%

Test Site:DDT 3# Chamber

File Path:d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5.8G\10

Memo:Sample Numbler:S25070107-004



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	5700.888	54.66	33.61	5.64	-29.60	64.31	105.55	41.24	PK	Horizontal
2	5725.000	68.12	33.75	5.66	-29.60	77.93	125.30	47.37	PK	Horizontal
3	5747.115	98.65	33.88	5.67	-29.60	108.60	125.30	16.70	PK	Horizontal
4	5850.000	43.95	34.00	5.74	-29.60	54.09	125.30	71.21	PK	Horizontal
5	5886.768	46.29	34.07	5.77	-29.60	56.53	96.57	40.04	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-24

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2530

Test Mode:

TX 11A-CDD 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

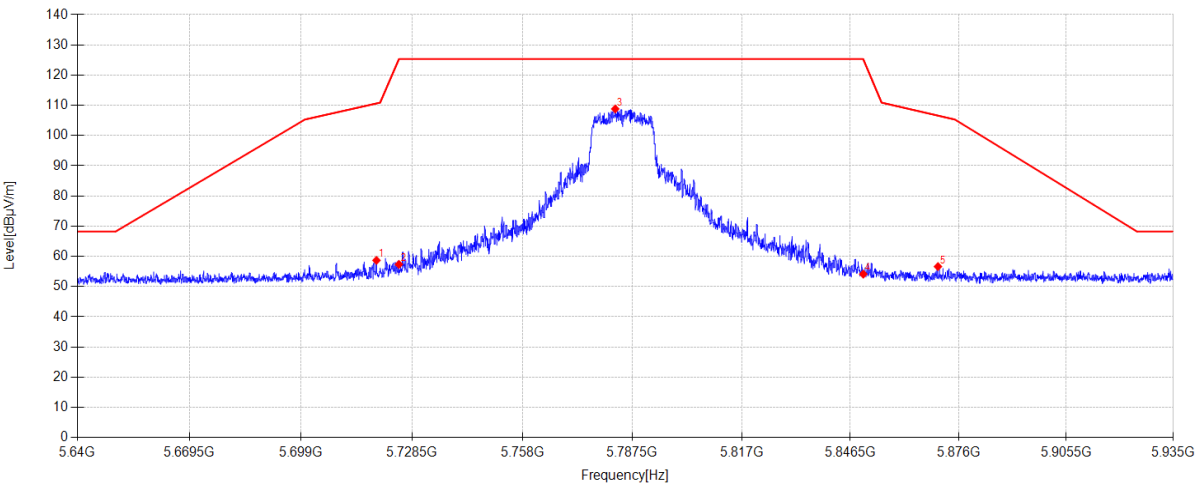
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5.8G\11

Memo:

Sample Numbler:S25070107-004



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	5719.031	48.92	33.71	5.65	-29.60	58.68	110.63	51.95	PK	Horizontal
2	5725.000	47.54	33.75	5.66	-29.60	57.35	125.30	67.95	PK	Horizontal
3	5782.898	98.62	34.10	5.70	-29.60	108.82	125.30	16.48	PK	Horizontal
4	5850.000	43.99	34.00	5.74	-29.60	54.13	125.30	71.17	PK	Horizontal
5	5870.366	46.44	34.04	5.75	-29.60	56.63	106.60	49.97	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:

2025-07-24

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2530

Test Mode:

TX 11A-CDD 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

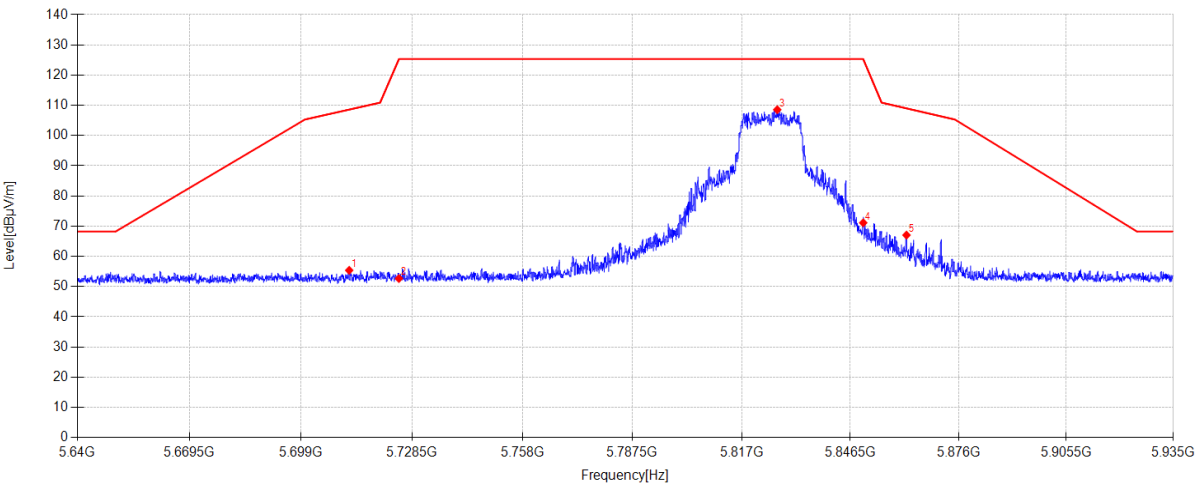
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5.8G\12

Memo:

Sample Numbler:S25070107-004



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	5711.774	45.66	33.67	5.65	-29.60	55.38	108.60	53.22	PK	Horizontal
2	5725.000	42.86	33.75	5.66	-29.60	52.67	125.30	72.63	PK	Horizontal
3	5826.647	98.33	34.09	5.73	-29.60	108.55	125.30	16.75	PK	Horizontal
4	5850.000	60.97	34.00	5.74	-29.60	71.11	125.30	54.19	PK	Horizontal
5	5861.781	56.87	34.02	5.75	-29.60	67.04	109.00	41.96	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:

2025-07-24

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2530

Test Mode:

MIMO TX 11N20 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

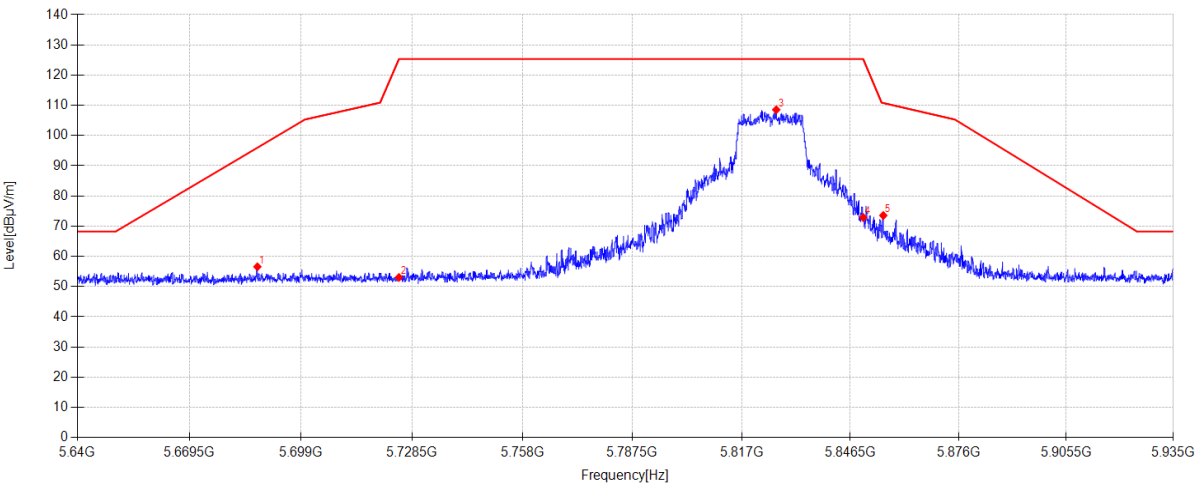
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5.8G\19

Memo:

Sample Numbler:S25070107-004



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5687.436	46.98	33.55	5.63	-29.60	56.56	95.98	39.42	PK	Horizontal
2	5725.000	43.21	33.75	5.66	-29.60	53.02	125.30	72.28	PK	Horizontal
3	5826.381	98.33	34.09	5.73	-29.60	108.55	125.30	16.75	PK	Horizontal
4	5850.000	62.71	34.00	5.74	-29.60	72.85	125.30	52.45	PK	Horizontal
5	5855.468	63.39	34.01	5.74	-29.60	73.54	110.77	37.23	PK	Horizontal

Note:

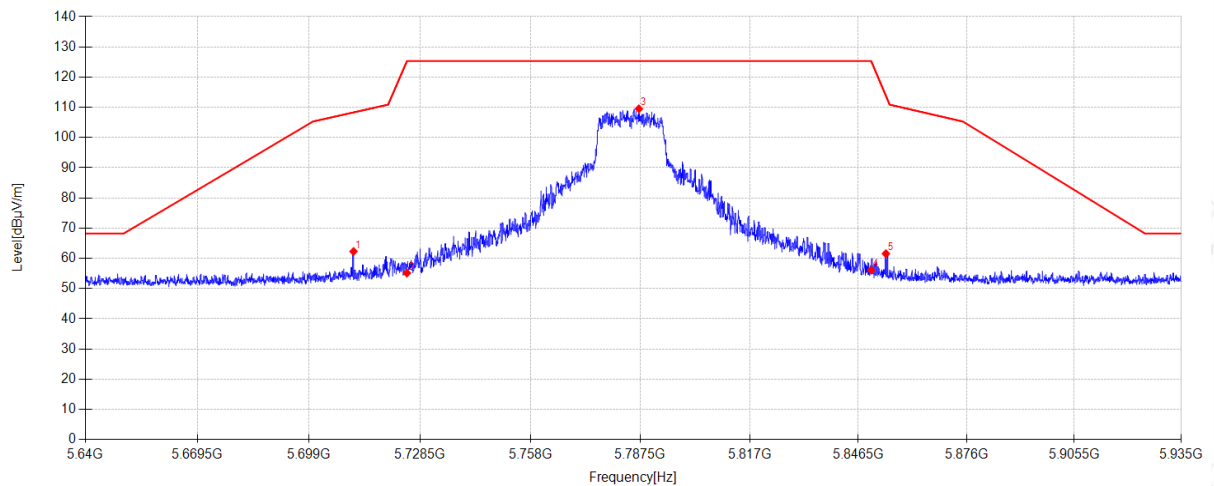
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2025-07-24 **Tested By:** Lin Guoyuan
EUT: Wireless Access Point **Model Number:** L2530
Test Mode: MIMO TX 11N20 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\Q25070107-1E\FCC Above 1G 5.8G\20
Memo: Sample Numbler:S25070107-004



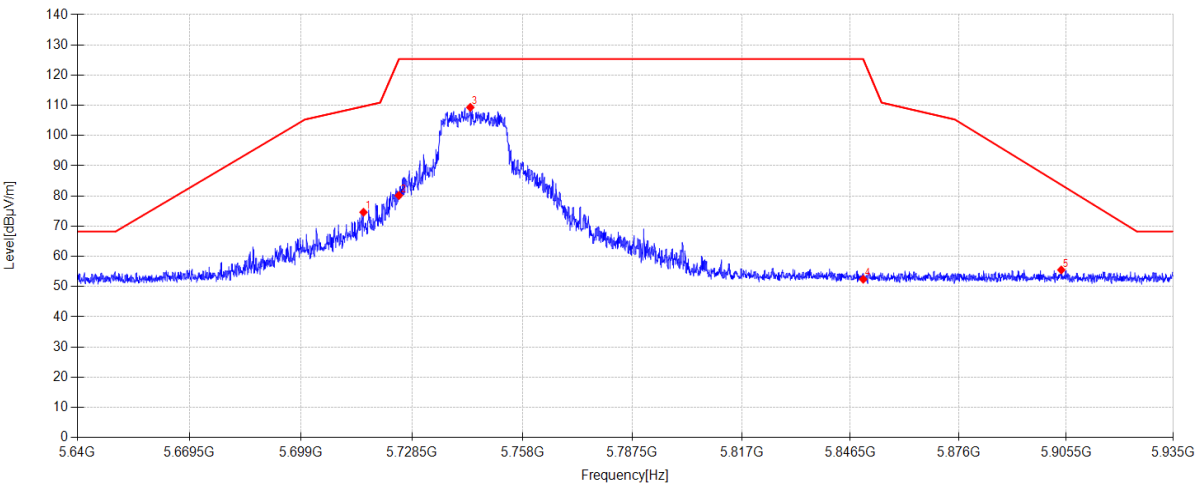
Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5710.800	52.58	33.66	5.65	-29.60	62.29	108.32	46.03	PK	Horizontal
2	5725.000	45.33	33.75	5.66	-29.60	55.14	125.30	70.16	PK	Horizontal
3	5787.117	99.28	34.12	5.70	-29.60	109.50	125.30	15.80	PK	Horizontal
4	5850.000	45.95	34.00	5.74	-29.60	56.09	125.30	69.21	PK	Horizontal
5	5853.993	51.41	34.01	5.74	-29.60	61.56	113.80	52.24	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: 2025-07-24 Tested By: Lin Guoyuan
EUT: Wireless Access Point Model Number: L2530
Test Mode: MIMO TX 11N20 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\Q25070107-1E\FCC Above 1G 5.8G\21
Memo: Sample Numbler:S25070107-004

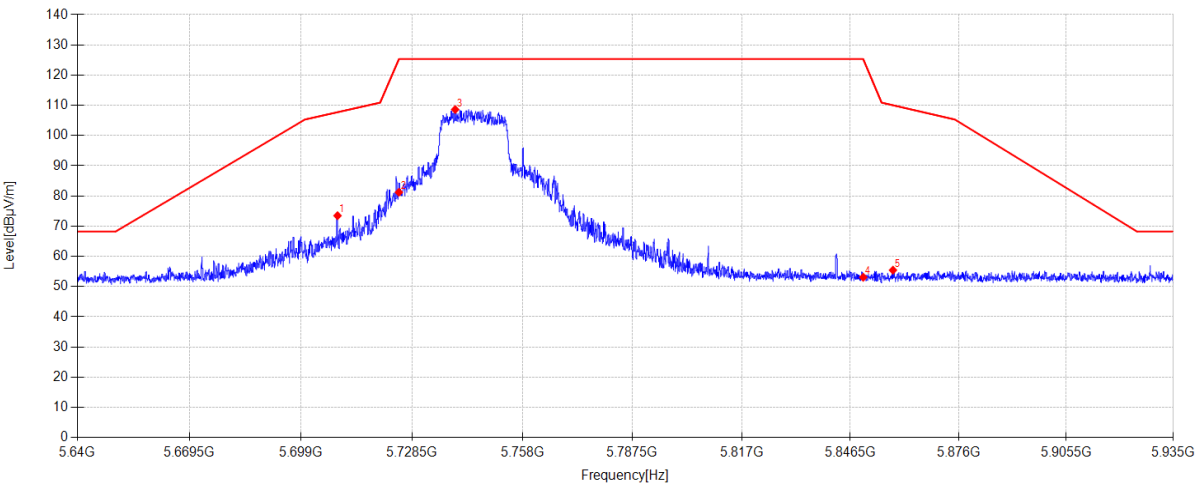


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5715.579	64.87	33.69	5.65	-29.60	74.61	109.66	35.05	PK	Horizontal
2	5725.000	70.35	33.75	5.66	-29.60	80.16	125.30	45.14	PK	Horizontal
3	5744.047	99.39	33.86	5.67	-29.60	109.32	125.30	15.98	PK	Horizontal
4	5850.000	42.29	34.00	5.74	-29.60	52.43	125.30	72.87	PK	Horizontal
5	5904.143	45.22	34.11	5.78	-29.60	55.51	83.68	28.17	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-07-24 Tested By: Lin Guoyuan
EUT: Wireless Access Point Model Number: L2530
Test Mode: MIMO TX 11AC20 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\Q25070107-1E\FCC Above 1G 5.8G\22
Memo: Sample Numbler:S25070107-004



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	5708.676	63.76	33.65	5.65	-29.60	73.46	107.73	34.27	PK	Horizontal
2	5725.000	71.41	33.75	5.66	-29.60	81.22	125.30	44.08	PK	Horizontal
3	5740.005	98.71	33.84	5.67	-29.60	108.62	125.30	16.68	PK	Horizontal
4	5850.000	42.93	34.00	5.74	-29.60	53.07	125.30	72.23	PK	Horizontal
5	5858.094	45.27	34.02	5.75	-29.60	55.44	110.03	54.59	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:2025-07-24

Tested By:Lin Guoyuan

EUT:Wireless Access Point

Model Number:L2530

Test Mode:MIMO TX 11AC20 5785MHz Mode

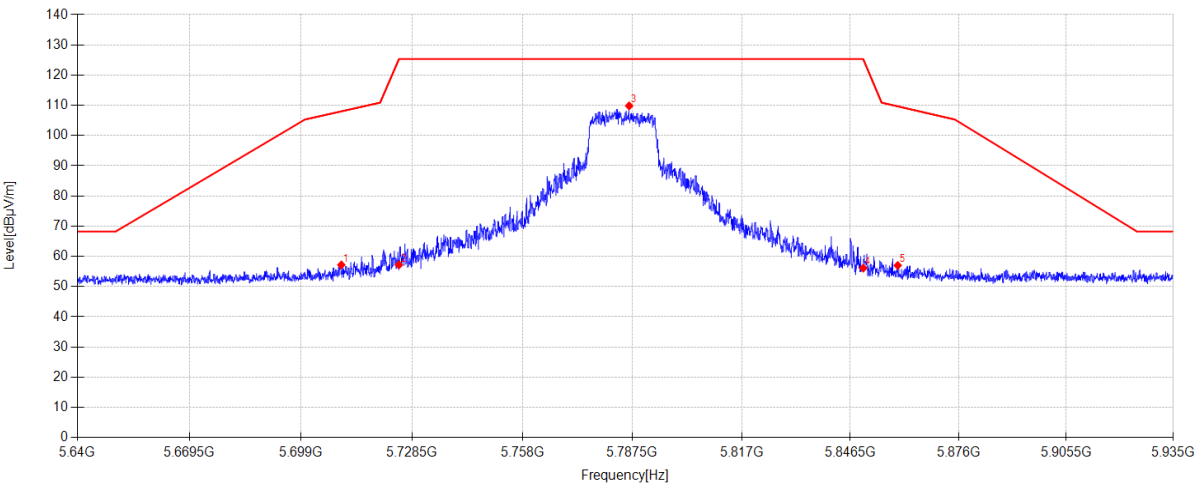
Power Supply:AC 120V/60Hz

Condition:Temp:22.8°C;Humi:57.5%

Test Site:DDT 3# Chamber

File Path:d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5.8G\23

Memo:Sample Numbler:S25070107-004



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	5709.679	47.46	33.66	5.65	-29.60	57.17	108.01	50.84	PK	Horizontal
2	5725.000	47.39	33.75	5.66	-29.60	57.20	125.30	68.10	PK	Horizontal
3	5786.645	99.62	34.12	5.70	-29.60	109.84	125.30	15.46	PK	Horizontal
4	5850.000	45.98	34.00	5.74	-29.60	56.12	125.30	69.18	PK	Horizontal
5	5859.392	46.83	34.02	5.75	-29.60	57.00	109.67	52.67	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:

2025-07-24

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2530

Test Mode:

MIMO TX 11AC20 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

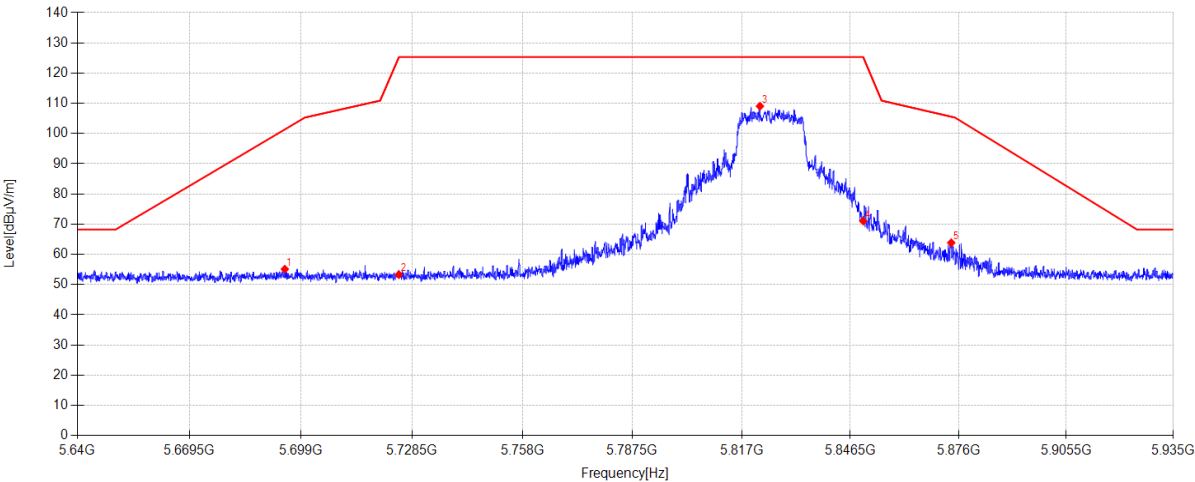
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5.8G\24

Memo:

Sample Numbler:S25070107-004



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5694.693	45.48	33.58	5.64	-29.60	55.10	101.36	46.26	PK	Horizontal
2	5725.000	43.47	33.75	5.66	-29.60	53.28	125.30	72.02	PK	Horizontal
3	5821.956	98.83	34.11	5.72	-29.60	109.06	125.30	16.24	PK	Horizontal
4	5850.000	60.88	34.00	5.74	-29.60	71.02	125.30	54.28	PK	Horizontal
5	5873.994	53.64	34.05	5.76	-29.60	63.85	105.58	41.73	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:

2025-07-24

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2530

Test Mode:

MIMO TX 11AX20 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

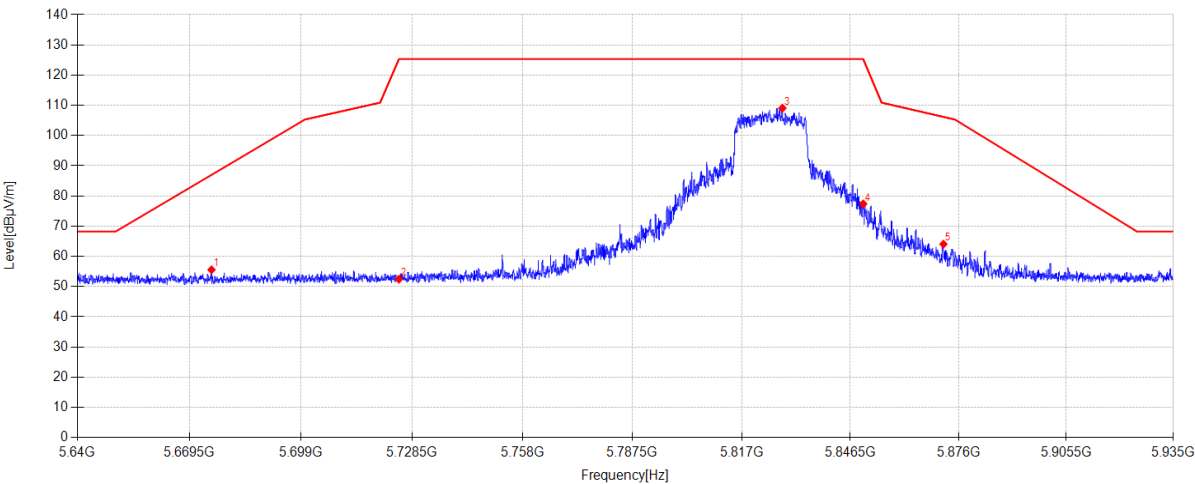
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5.8G\25

Memo:

Sample Numbler:S25070107-004



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	5675.312	46.03	33.50	5.63	-29.60	55.56	86.98	31.42	PK	Horizontal
2	5725.000	42.62	33.75	5.66	-29.60	52.43	125.30	72.87	PK	Horizontal
3	5828.033	98.85	34.09	5.73	-29.60	109.07	125.30	16.23	PK	Horizontal
4	5850.000	67.22	34.00	5.74	-29.60	77.36	125.30	47.94	PK	Horizontal
5	5871.870	53.85	34.04	5.76	-29.60	64.05	106.18	42.13	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:

2025-07-24

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2530

Test Mode:

MIMO TX 11AX20 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

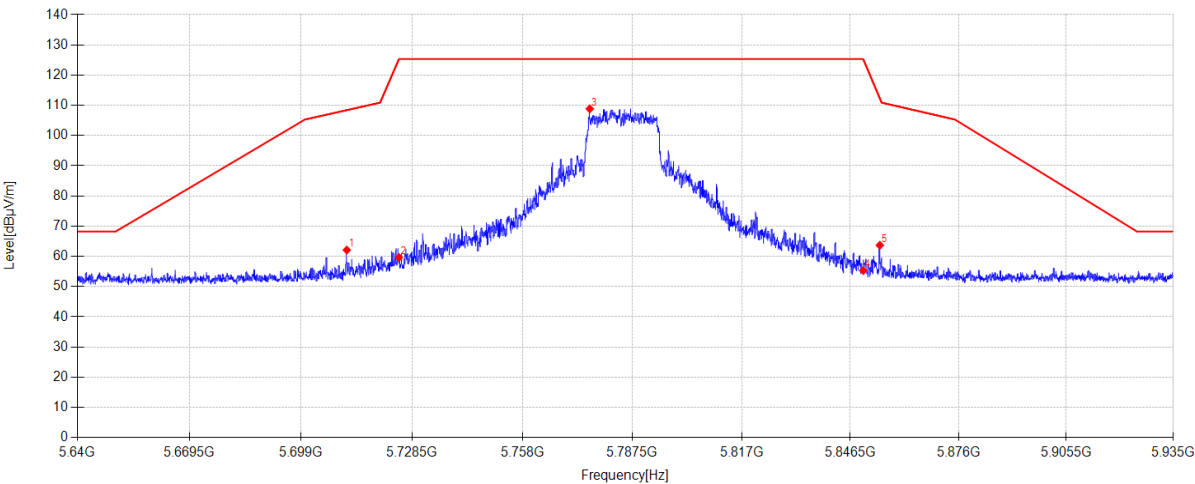
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5.8G\26

Memo:

Sample Numbler:S25070107-004



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	5711.125	52.39	33.67	5.65	-29.60	62.11	108.41	46.30	PK	Horizontal
2	5725.000	49.83	33.75	5.66	-29.60	59.64	125.30	65.66	PK	Horizontal
3	5776.054	98.71	34.06	5.69	-29.60	108.86	125.30	16.44	PK	Horizontal
4	5850.000	45.16	34.00	5.74	-29.60	55.30	125.30	70.00	PK	Horizontal
5	5854.524	53.53	34.01	5.74	-29.60	63.68	112.27	48.59	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:

2025-07-24

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2530

Test Mode:

MIMO TX 11AX20 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

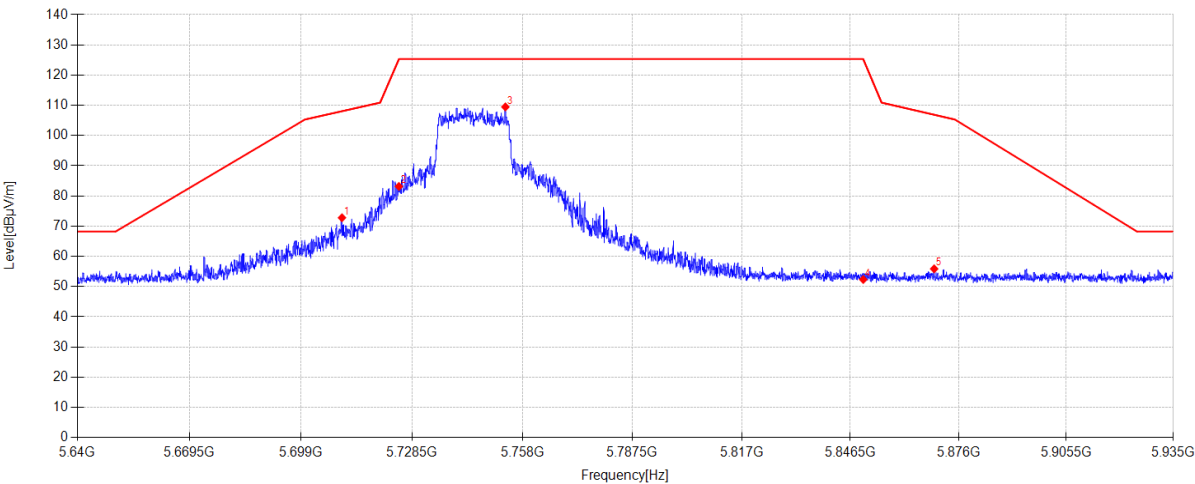
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5.8G\27

Memo:

Sample Numbler:S25070107-004



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	5709.856	63.07	33.66	5.65	-29.60	72.78	108.06	35.28	PK	Horizontal
2	5725.000	73.34	33.75	5.66	-29.60	83.15	125.30	42.15	PK	Horizontal
3	5753.428	99.48	33.92	5.68	-29.60	109.48	125.30	15.82	PK	Horizontal
4	5850.000	42.20	34.00	5.74	-29.60	52.34	125.30	72.96	PK	Horizontal
5	5869.333	45.68	34.04	5.75	-29.60	55.87	106.89	51.02	PK	Horizontal

Note:

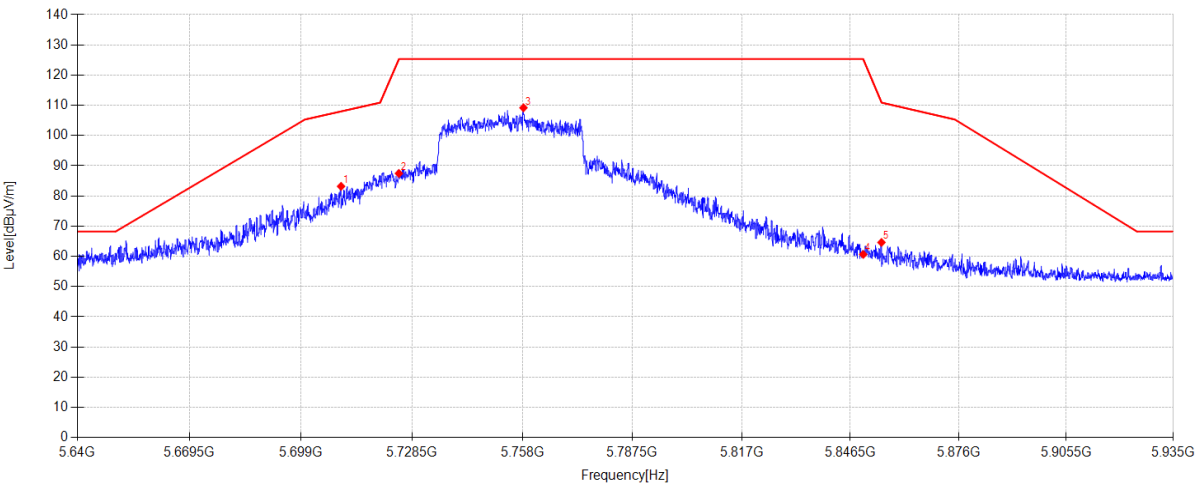
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2025-07-24 Tested By: Lin Guoyuan
EUT: Wireless Access Point Model Number: L2530
Test Mode: MIMO TX 11AX40 5755MHz Mode Power Supply: AC 120V/60Hz
Condition: Temp:22.8°C;Humi:57.5% Test Site: DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5.8G\28
Memo: Sample Numbler:S25070107-004



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	73.47	33.66	5.65	-29.60	83.18	107.99	24.81	PK	Horizontal
2	5725.000	77.64	33.75	5.66	-29.60	87.45	125.30	37.85	PK	Horizontal
3	5758.266	99.16	33.95	5.68	-29.60	109.19	125.30	16.11	PK	Horizontal
4	5850.000	50.52	34.00	5.74	-29.60	60.66	125.30	64.64	PK	Horizontal
5	5854.967	54.47	34.01	5.74	-29.60	64.62	111.00	46.38	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: 2025-07-24 Tested By: Lin Guoyuan

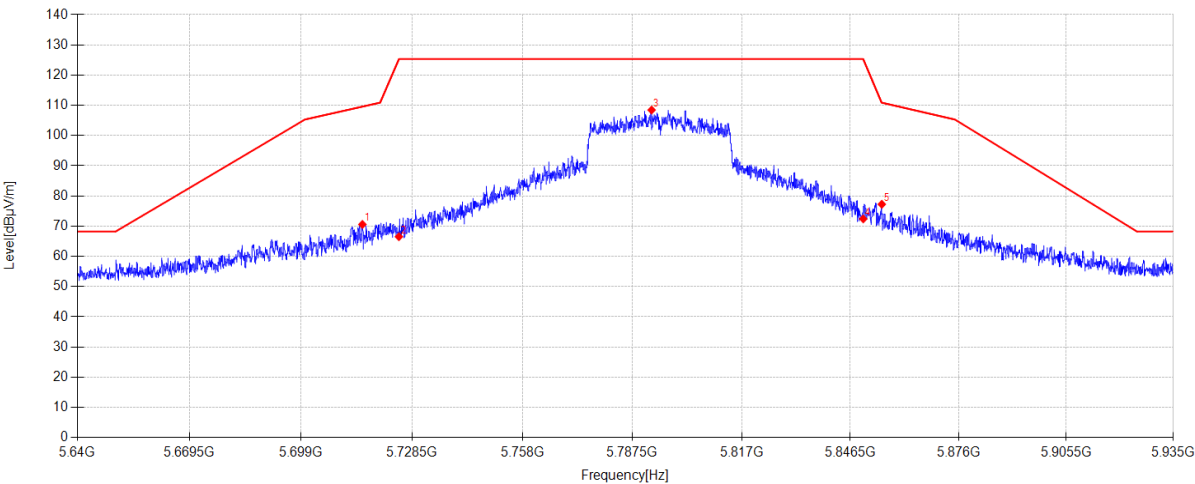
EUT: Wireless Access Point Model Number: L2530

Test Mode: MIMO TX 11AX40 5795MHz Mode Power Supply: AC 120V/60Hz

Condition: Temp:22.8°C;Humi:57.5% Test Site: DDT 3# Chamber

File Path: d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5.8G\29

Memo: Sample Numbler:S25070107-004



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	5715.284	60.84	33.69	5.65	-29.60	70.58	109.58	39.00	PK	Horizontal
2	5725.000	56.71	33.75	5.66	-29.60	66.52	125.30	58.78	PK	Horizontal
3	5792.692	98.20	34.16	5.70	-29.60	108.46	125.30	16.84	PK	Horizontal
4	5850.000	62.27	34.00	5.74	-29.60	72.41	125.30	52.89	PK	Horizontal
5	5855.055	67.10	34.01	5.74	-29.60	77.25	110.88	33.63	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:

2025-07-24

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2530

Test Mode:

MIMO TX 11AC40 5795MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

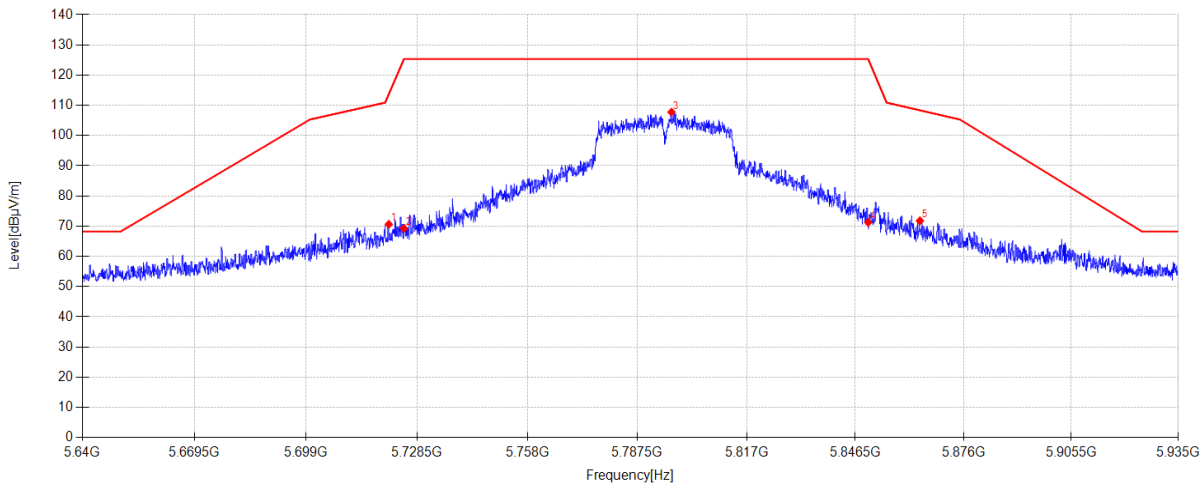
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5.8G\30

Memo:

Sample Numbler:S25070107-004



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5720.978	60.82	33.73	5.66	-29.60	70.61	113.72	43.11	PK	Horizontal
2	5725.000	59.43	33.75	5.66	-29.60	69.24	125.30	56.06	PK	Horizontal
3	5796.704	97.48	34.18	5.71	-29.60	107.77	125.30	17.53	PK	Horizontal
4	5850.000	61.12	34.00	5.74	-29.60	71.26	125.30	54.04	PK	Horizontal
5	5864.082	61.62	34.03	5.75	-29.60	71.80	108.36	36.56	PK	Horizontal

Note:

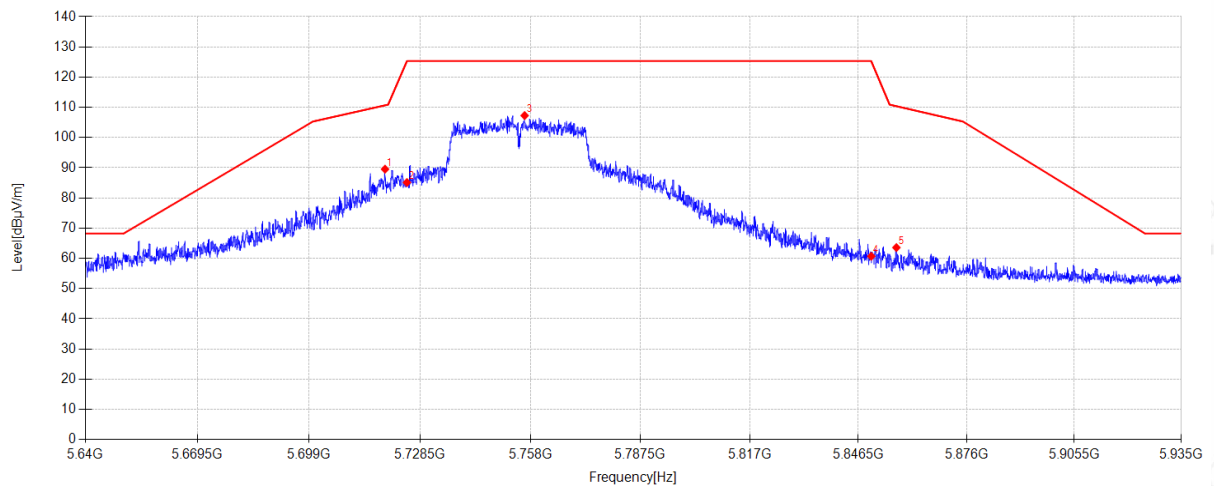
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2025-07-24 **Tested By:** Lin Guoyuan
EUT: Wireless Access Point **Model Number:** L2530
Test Mode: MIMO TX 11AC40 5755MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.8°C;Humi:57.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5.8G\31
Memo: Sample Numbler:S25070107-004



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	5719.178	79.77	33.72	5.65	-29.60	89.54	110.67	21.13	PK	Horizontal
2	5725.000	75.32	33.75	5.66	-29.60	85.13	125.30	40.17	PK	Horizontal
3	5756.437	97.26	33.94	5.68	-29.60	107.28	125.30	18.02	PK	Horizontal
4	5850.000	50.56	34.00	5.74	-29.60	60.70	125.30	64.60	PK	Horizontal
5	5856.855	53.41	34.01	5.75	-29.60	63.57	110.38	46.81	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:

2025-07-24

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2530

Test Mode:

MIMO TX 11N40 5755MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

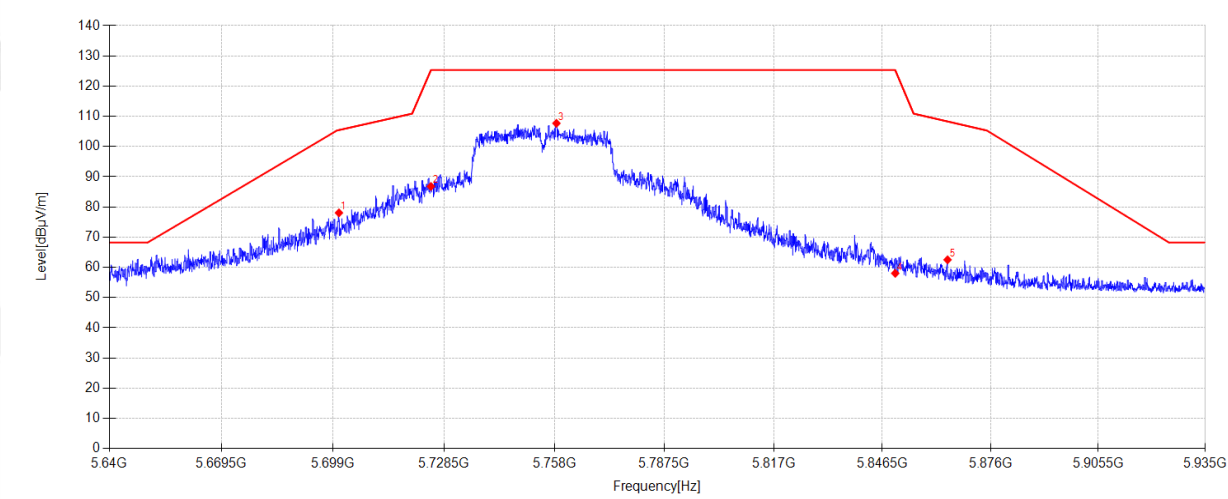
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5.8G\32

Memo:

Sample Numbler:S25070107-004



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	5700.564	68.41	33.60	5.64	-29.60	78.05	105.46	27.41	PK	Horizontal
2	5725.000	76.99	33.75	5.66	-29.60	86.80	125.30	38.50	PK	Horizontal
3	5758.531	97.66	33.95	5.68	-29.60	107.69	125.30	17.61	PK	Horizontal
4	5850.000	47.89	34.00	5.74	-29.60	58.03	125.30	67.27	PK	Horizontal
5	5864.259	52.33	34.03	5.75	-29.60	62.51	108.31	45.80	PK	Horizontal

Note:

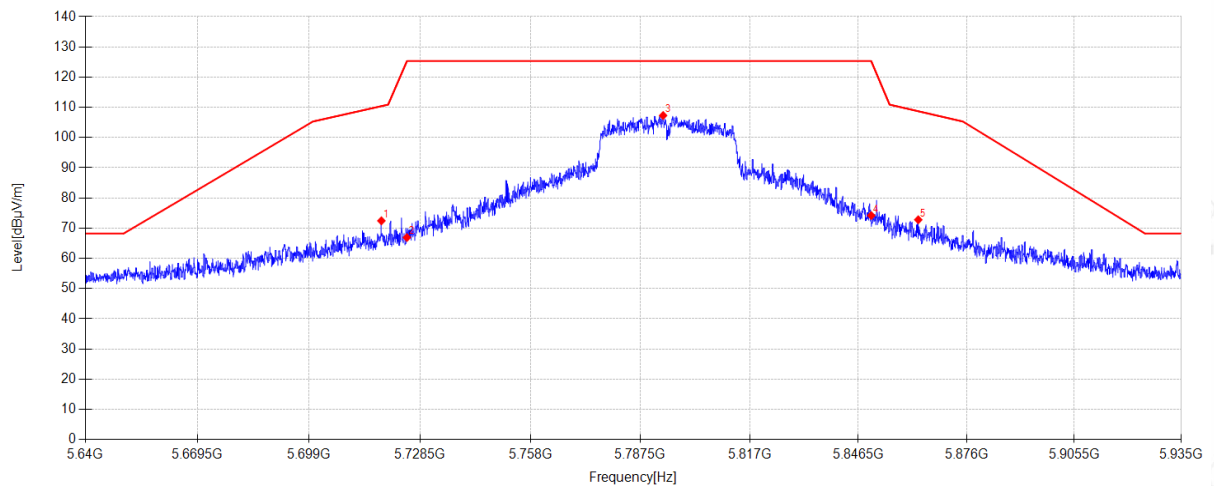
1. Level = Reading + Cable loss + Antenna Factor + AMP

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-07-24 **Tested By:** Lin Guoyuan
EUT: Wireless Access Point **Model Number:** L2530
Test Mode: MIMO TX 11N40 5795MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.8°C;Humi:57.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5.8G\33
Memo: Sample Numbler:S25070107-004



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	5718.205	62.67	33.71	5.65	-29.60	72.43	110.40	37.97	PK	Horizontal
2	5725.000	57.10	33.75	5.66	-29.60	66.91	125.30	58.39	PK	Horizontal
3	5793.636	97.03	34.16	5.70	-29.60	107.29	125.30	18.01	PK	Horizontal
4	5850.000	64.05	34.00	5.74	-29.60	74.19	125.30	51.11	PK	Horizontal
5	5862.814	62.61	34.03	5.75	-29.60	72.79	108.71	35.92	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:

2025-07-24

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2530

Test Mode:

MIMO TX 11AX80 5775MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

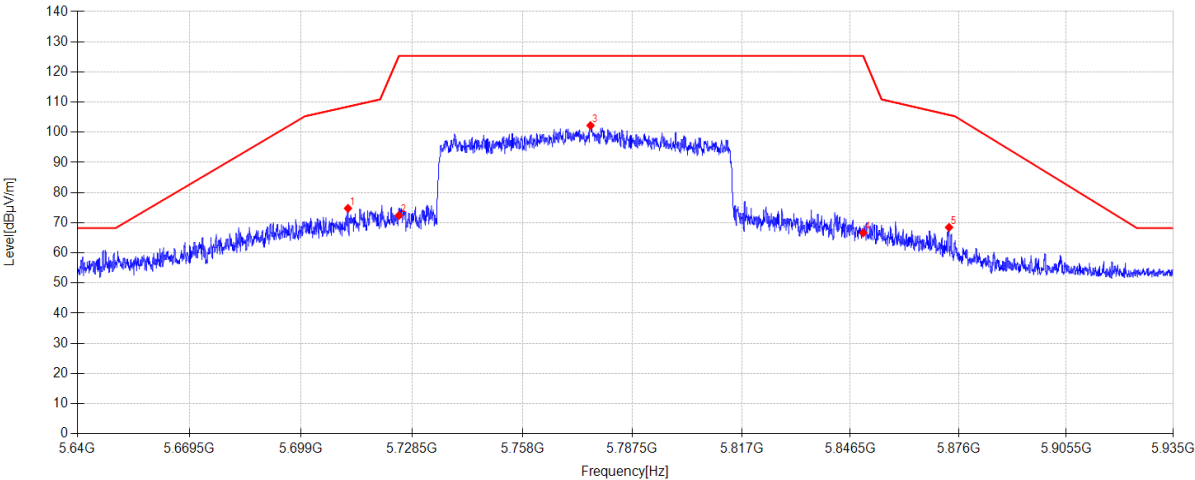
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5.8G\34

Memo:

Sample Numble:S25070107-004



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	5711.449	65.05	33.67	5.65	-29.60	74.77	108.51	33.74	PK	Horizontal
2	5725.000	62.58	33.75	5.66	-29.60	72.39	125.30	52.91	PK	Horizontal
3	5776.261	92.10	34.06	5.69	-29.60	102.25	125.30	23.05	PK	Horizontal
4	5850.000	56.51	34.00	5.74	-29.60	66.65	125.30	58.65	PK	Horizontal
5	5873.404	58.25	34.05	5.76	-29.60	68.46	105.75	37.29	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:

2025-07-24

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2530

Test Mode:

MIMO TX 11AC80 5775MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.8°C;Humi:57.5%

Test Site:

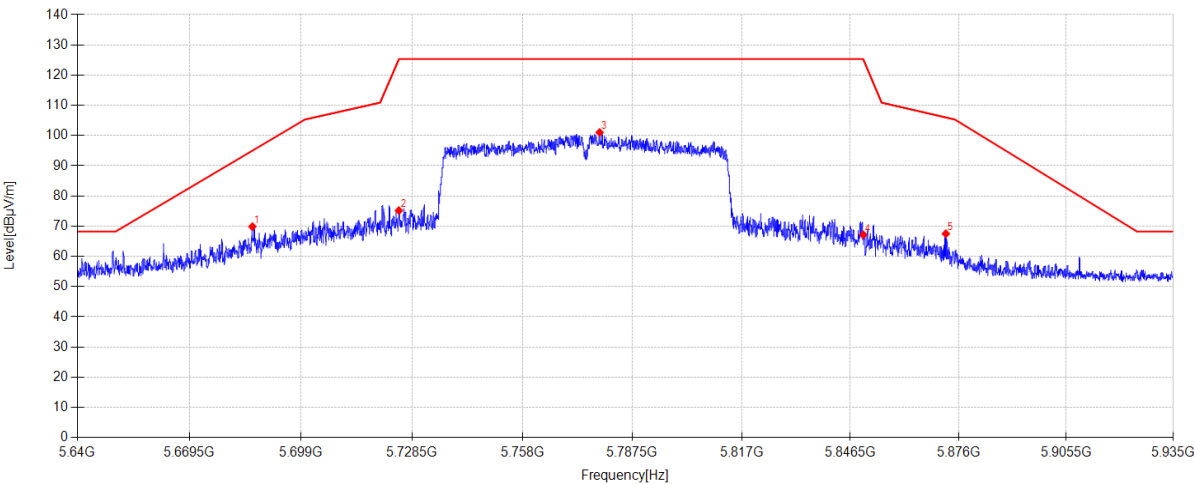
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25070107-1E\FCC Above 1G 5.8G\35

Memo:

Sample Numbler:S25070107-004



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	5686.109	60.28	33.54	5.63	-29.60	69.85	94.99	25.14	PK	Horizontal
2	5725.000	65.35	33.75	5.66	-29.60	75.16	125.30	50.14	PK	Horizontal
3	5778.709	90.87	34.07	5.69	-29.60	101.03	125.30	24.27	PK	Horizontal
4	5850.000	56.99	34.00	5.74	-29.60	67.13	125.30	58.17	PK	Horizontal
5	5872.519	57.29	34.05	5.76	-29.60	67.50	105.99	38.49	PK	Horizontal

Note:

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

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

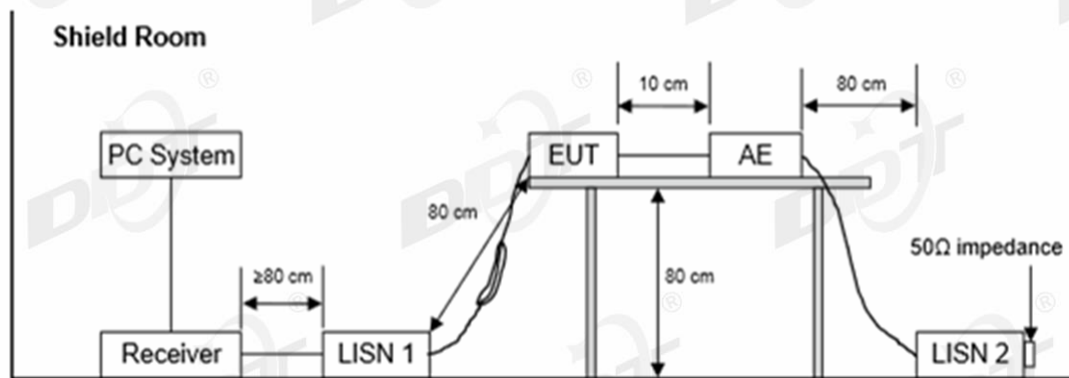
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Power Line Conducted Emissions

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To	Cal. Interval
EMI Test Receiver	R&S	ESCI 3	DDT-ZC01972	2026/03/28	1 Year
Two Line V-Network	R&S	ENV216	DDT-ZC00586	2026/07/06	1 Year
Pulse Limiter	R&S	KH43101	DDT-ZC00747	2026/03/28	1 Year
Coaxial signal signal cable	H&S	RG214-5	DDT-ZC01817	2026/03/28	1 Year
Conducted Radiated Software	Audix	E3	DDT-ZC00562	/	/
Two Line V-Network	R&S	ENV216	DDT-ZC02058	2026/07/06	1 Year

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	other
Dell laptops	Dell Technologies Inc.	I7-1255U MX550	/

14.5. Test procedure

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

All support equipment power received from a second LISN.

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

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

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

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

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

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

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

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

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

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

The bandwidth of test receiver is set at 9 kHz.

14.6. Test result

PASS. (See below detailed test result)

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

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

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

14.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 5# Shield Room

D:\2025 report data\Q25070107-1E\EM6.EM6

Test Date : 2025-07-15

Tested By : Nan Zhong

EUT : Wireless Access Point

Model Number : L2530

Power Supply : AC 120V/60Hz

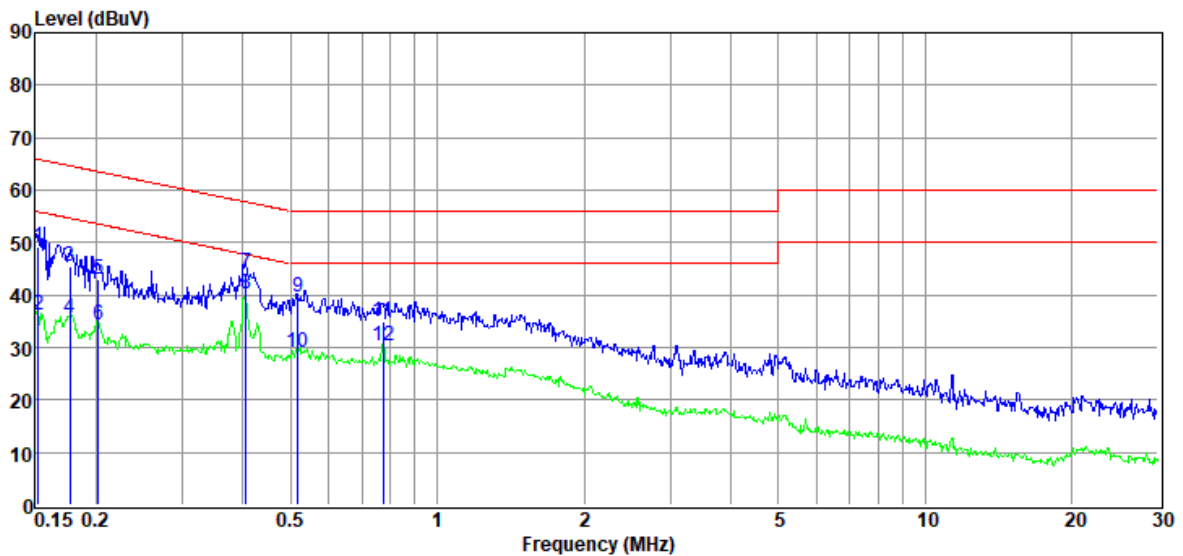
Test Mode : TX 11ax20 MIMO 5745 Mode

Condition : Temp:23.2°C,Humi:56.7%

LISN : 2023 ENV216 2#/NEUTRAL

Memo : S25070107-003

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	0.15	29.04	9.93	0.09	10.06	49.12	65.87	-16.75	QP	NEUTRAL
2	0.15	16.17	9.93	0.09	10.06	36.25	55.87	-19.62	Average	NEUTRAL
3	0.18	25.29	9.96	0.09	10.06	45.40	64.64	-19.24	QP	NEUTRAL
4	0.18	15.50	9.96	0.09	10.06	35.61	54.64	-19.03	Average	NEUTRAL
5	0.20	22.97	9.92	0.09	10.06	43.04	63.54	-20.50	QP	NEUTRAL
6	0.20	14.18	9.92	0.09	10.06	34.25	53.54	-19.29	Average	NEUTRAL
7	0.41	24.10	10.03	0.10	10.07	44.30	57.73	-13.43	QP	NEUTRAL
8	0.41	20.07	10.03	0.10	10.07	40.27	47.73	-7.46	Average	NEUTRAL
9	0.52	19.54	9.97	0.10	10.07	39.68	56.00	-16.32	QP	NEUTRAL
10	0.52	8.90	9.97	0.10	10.07	29.04	46.00	-16.96	Average	NEUTRAL
11	0.78	14.82	9.97	0.10	10.06	34.95	56.00	-21.05	QP	NEUTRAL
12	0.78	10.07	9.97	0.10	10.06	30.20	46.00	-15.80	Average	NEUTRAL

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

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

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

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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 5# Shield Room

D:\2025 report data\Q25070107-1E\EM6.EM6

Test Date : 2025-07-15

Tested By : Nan Zhong

EUT : Wireless Access Point

Model Number : L2530

Power Supply : AC 120V/60Hz

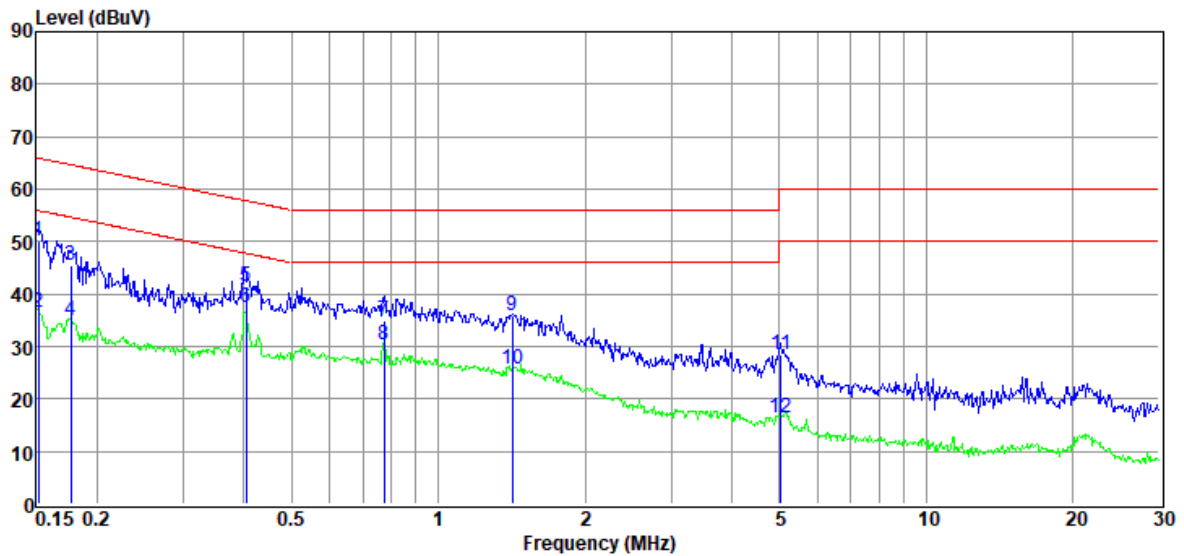
Test Mode : TX 11ax20 MIMO 5745 Mode

Condition : Temp:23.2°C,Humi:56.7%

LISN : 2023 ENV216 2#/LINE

Memo : S25070107-003

Data: 8



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBuV)	Limit Line (dBuV)	Over Limit (dB)	Detector	Phase
1	0.15	29.90	9.92	0.09	10.06	49.97	65.91	-15.94	QP	LINE
2	0.15	16.43	9.92	0.09	10.06	36.50	55.91	-19.41	Average	LINE
3	0.18	25.20	9.96	0.09	10.06	45.31	64.64	-19.33	QP	LINE
4	0.18	14.79	9.96	0.09	10.06	34.90	54.64	-19.74	Average	LINE
5	0.40	21.24	10.01	0.10	10.07	41.42	57.77	-16.35	QP	LINE
6	0.40	17.19	10.01	0.10	10.07	37.37	47.77	-10.40	Average	LINE
7	0.78	14.69	9.97	0.10	10.06	34.82	56.00	-21.18	QP	LINE
8	0.78	10.08	9.97	0.10	10.06	30.21	46.00	-15.79	Average	LINE
9	1.42	15.58	9.99	0.13	10.06	35.76	56.00	-20.24	QP	LINE
10	1.42	5.62	9.99	0.13	10.06	25.80	46.00	-20.20	Average	LINE
11	5.03	8.38	9.89	0.19	10.06	28.52	60.00	-31.48	QP	LINE
12	5.03	-3.62	9.89	0.19	10.06	16.52	50.00	-33.48	Average	LINE

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

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

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

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

16. Photos of the EUT

Please refer to appendix I

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