

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11AX80 5610MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

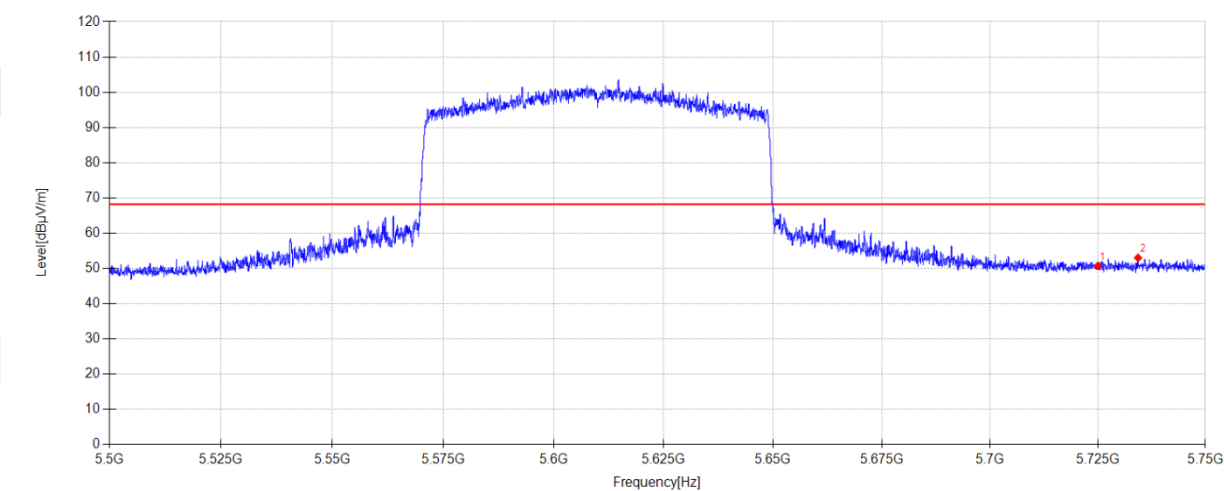
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC ABOVE1G 5G\67

Memo:

Sample Number:S25061924-001 Power Setting:14.5



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	40.89	33.75	5.66	-29.60	50.70	68.20	17.50	PK	Horizontal
2	5734.325	43.12	33.81	5.66	-29.60	52.99	68.20	15.21	PK	Horizontal

Note:

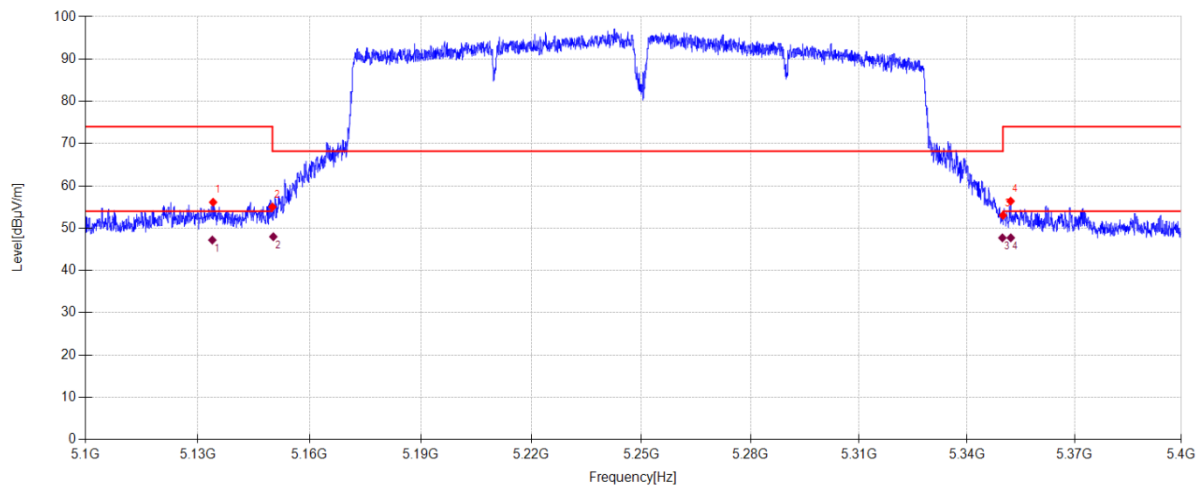
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2025-07-14 **Tested By:** Lin Guoyuan
EUT: Wireless Access Point **Model Number:** L2531
Test Mode: MIMO TX 11AC160 5250MHz 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\Q25061924-2E\FCC ABOVE1G 5G\70
Memo: Sample Number:S25061924-001 Power Setting:14.5

**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	5134.080	47.06	33.40	5.27	-29.60	56.13	74.00	17.87	PK	Horizontal
2	5150.000	45.94	33.40	5.28	-29.60	55.02	68.20	13.18	PK	Horizontal
3	5350.000	44.11	33.10	5.41	-29.60	53.02	68.20	15.18	PK	Horizontal
4	5352.150	47.48	33.10	5.41	-29.60	56.39	74.00	17.61	PK	Horizontal

Final Data List

NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5133.879	38.12	33.40	5.27	47.19	54.00	6.81	AV	Horizontal
2	5150.244	38.89	33.40	5.28	47.97	54.00	6.03	AV	Horizontal
3	5349.838	38.80	33.10	5.41	47.71	54.00	6.29	AV	Horizontal
4	5352.197	38.81	33.10	5.41	47.72	54.00	6.28	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:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11AC160 5570MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

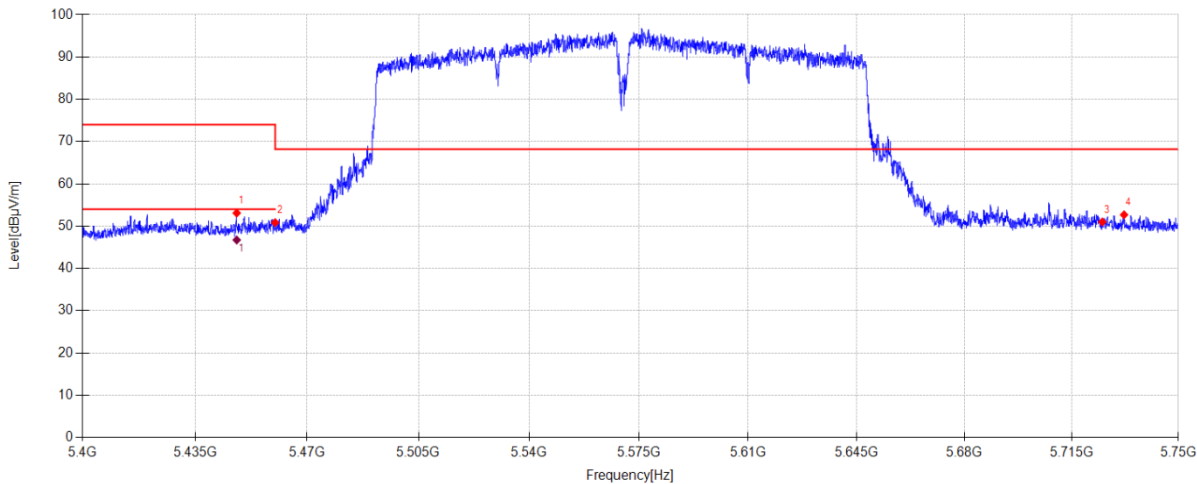
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC ABOVE1G 5G\71

Memo:

Sample Number:S25061924-001 Power Setting:14.5



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	5447.985	44.22	33.00	5.48	-29.60	53.10	74.00	20.90	PK	Horizontal
2	5460.000	41.97	33.00	5.48	-29.60	50.85	68.20	17.35	PK	Horizontal
3	5725.000	41.18	33.75	5.66	-29.60	50.99	68.20	17.21	PK	Horizontal
4	5732.150	42.84	33.79	5.66	-29.60	52.69	68.20	15.51	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	5447.985	37.85	33.00	5.48	46.73	54.00	7.27	AV	Horizontal	

Note:

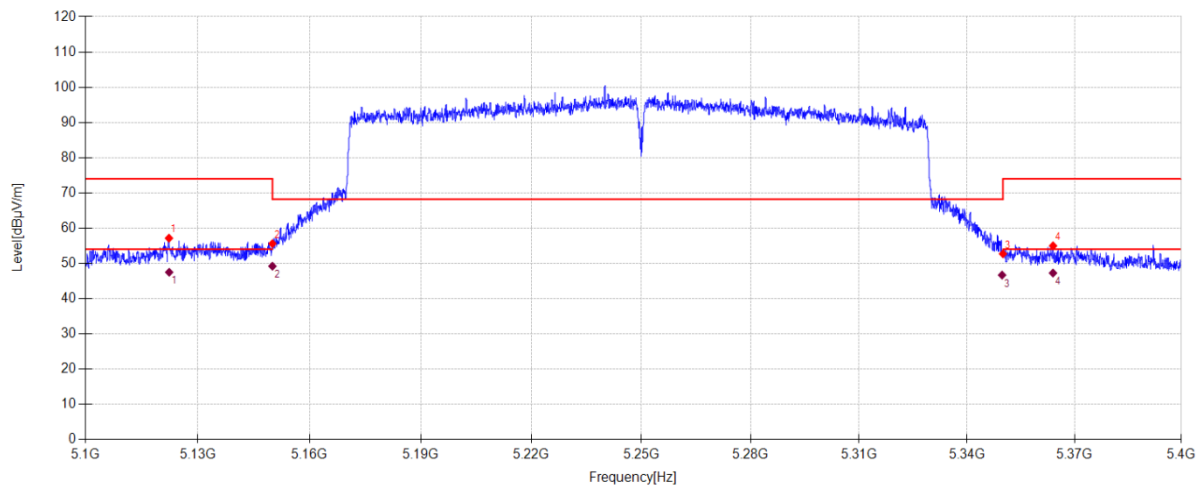
1. Level = Reading + Cable loss + Antenna Factor + AMP

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-07-14 **Tested By:** Lin Guoyuan
EUT: Wireless Access Point **Model Number:** L2531
Test Mode: MIMO TX 11AX160 5250MHz 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\Q25061924-2E\FCC ABOVE1G 5G\69
Memo: Sample Number:S25061924-001 Power Setting:14.5



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	5122.290	48.10	33.40	5.26	-29.60	57.16	74.00	16.84	PK	Horizontal
2	5150.000	46.53	33.40	5.28	-29.60	55.61	68.20	12.59	PK	Horizontal
3	5350.000	43.80	33.10	5.41	-29.60	52.71	68.20	15.49	PK	Horizontal
4	5364.000	46.07	33.10	5.42	-29.60	54.99	74.00	19.01	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	5122.350	38.43	33.40	5.26	47.49	54.00	6.51	AV	Horizontal
2	5150.001	40.12	33.40	5.28	49.20	54.00	4.80	AV	Horizontal
3	5349.754	37.78	33.10	5.41	46.69	54.00	7.31	AV	Horizontal
4	5363.976	38.34	33.10	5.42	47.26	54.00	6.74	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:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11AX160 5570MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

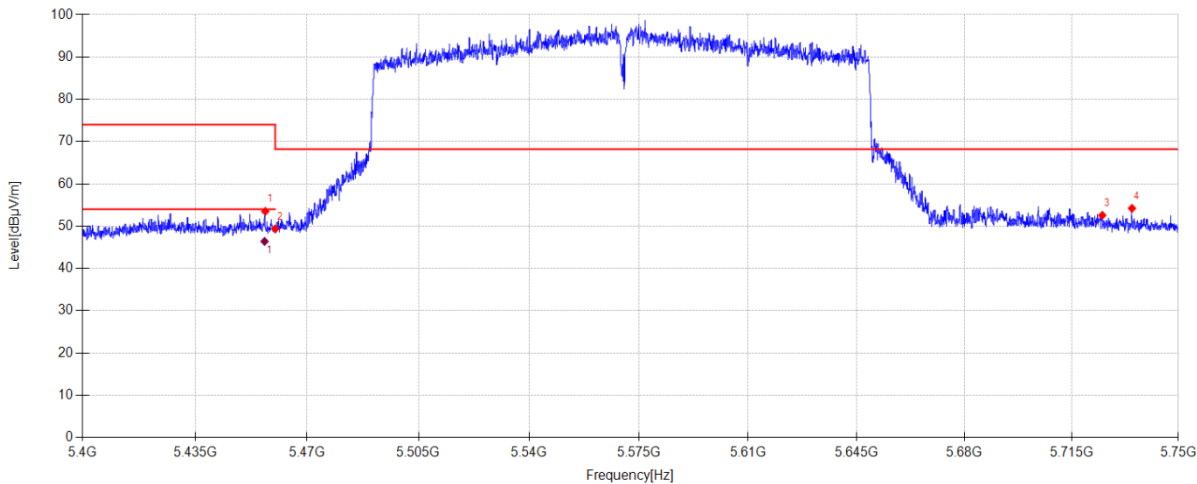
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC ABOVE1G 5G\72

Memo:

Sample Number:S25061924-001 Power Setting:14.5



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	5456.910	44.62	33.00	5.48	-29.60	53.50	74.00	20.50	PK	Horizontal
2	5460.000	40.48	33.00	5.48	-29.60	49.36	68.20	18.84	PK	Horizontal
3	5725.000	42.77	33.75	5.66	-29.60	52.58	68.20	15.62	PK	Horizontal
4	5734.740	44.34	33.81	5.66	-29.60	54.21	68.20	13.99	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	5456.679	37.52	33.00	5.48	46.40	54.00	7.60	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:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

ANT1 TX 11A 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

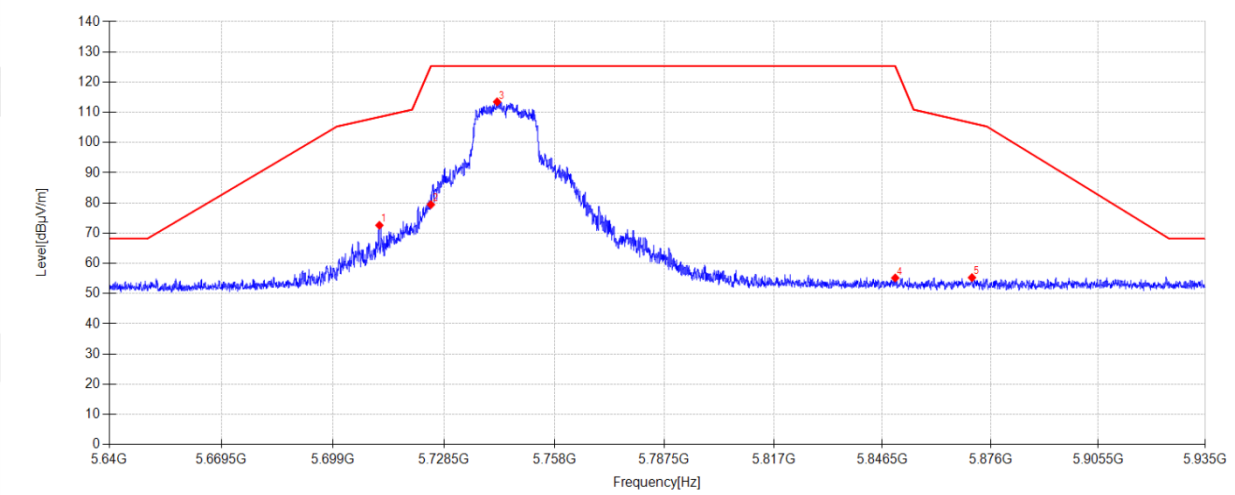
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\2

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5711.302	62.88	33.67	5.65	-29.60	72.60	108.46	35.86	PK	Horizontal
2	5725.000	69.65	33.75	5.66	-29.60	79.46	125.30	45.84	PK	Horizontal
3	5742.660	103.53	33.86	5.67	-29.60	113.46	125.30	11.84	PK	Horizontal
4	5850.000	45.03	34.00	5.74	-29.60	55.17	125.30	70.13	PK	Horizontal
5	5870.926	45.10	34.04	5.75	-29.60	55.29	106.44	51.15	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

ANT1 TX 11A 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

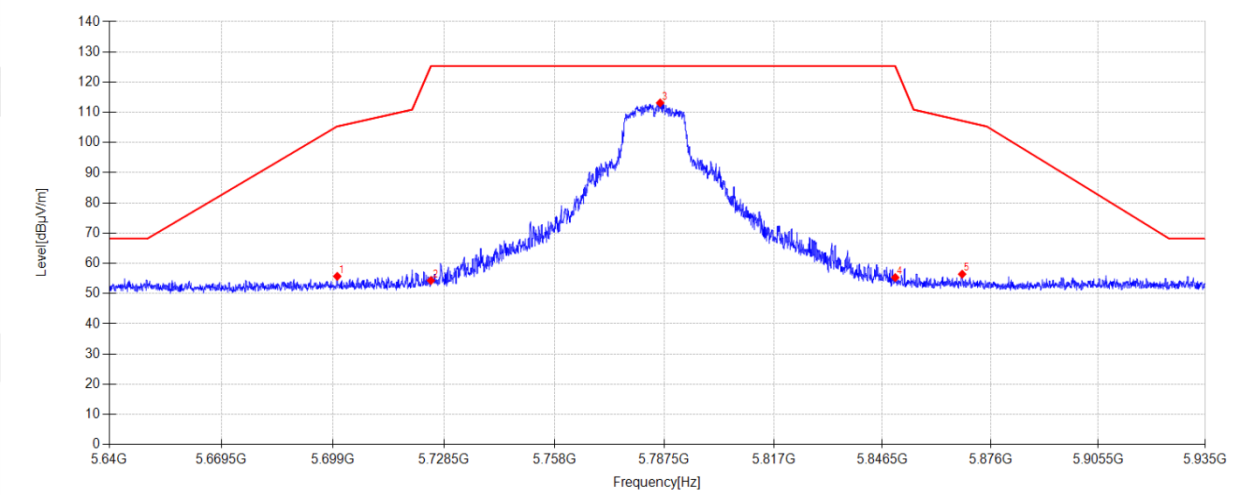
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\1

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5700.121	46.07	33.60	5.64	-29.60	55.71	105.33	49.62	PK	Horizontal
2	5725.000	44.51	33.75	5.66	-29.60	54.32	125.30	70.98	PK	Horizontal
3	5786.379	102.91	34.12	5.70	-29.60	113.13	125.30	12.17	PK	Horizontal
4	5850.000	45.16	34.00	5.74	-29.60	55.30	125.30	70.00	PK	Horizontal
5	5868.242	46.24	34.04	5.75	-29.60	56.43	107.19	50.76	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:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

ANT1 TX 11A 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

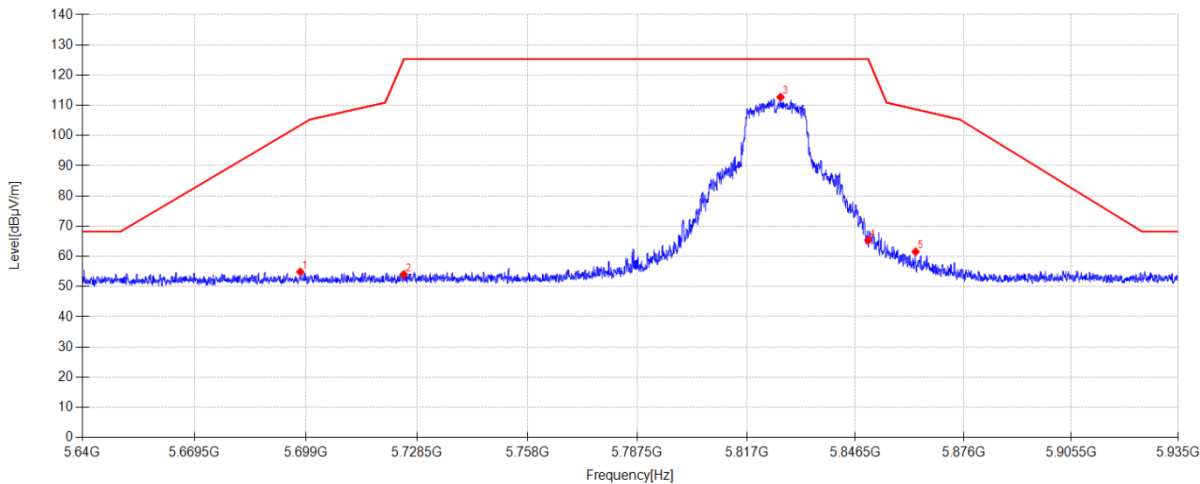
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\3

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5697.466	45.25	33.59	5.64	-29.60	54.88	103.42	48.54	PK	Horizontal
2	5725.000	44.25	33.75	5.66	-29.60	54.06	125.30	71.24	PK	Horizontal
3	5826.175	102.49	34.10	5.73	-29.60	112.72	125.30	12.58	PK	Horizontal
4	5850.000	55.22	34.00	5.74	-29.60	65.36	125.30	59.94	PK	Horizontal
5	5862.902	51.36	34.03	5.75	-29.60	61.54	108.69	47.15	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

ANT2 TX 11A 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

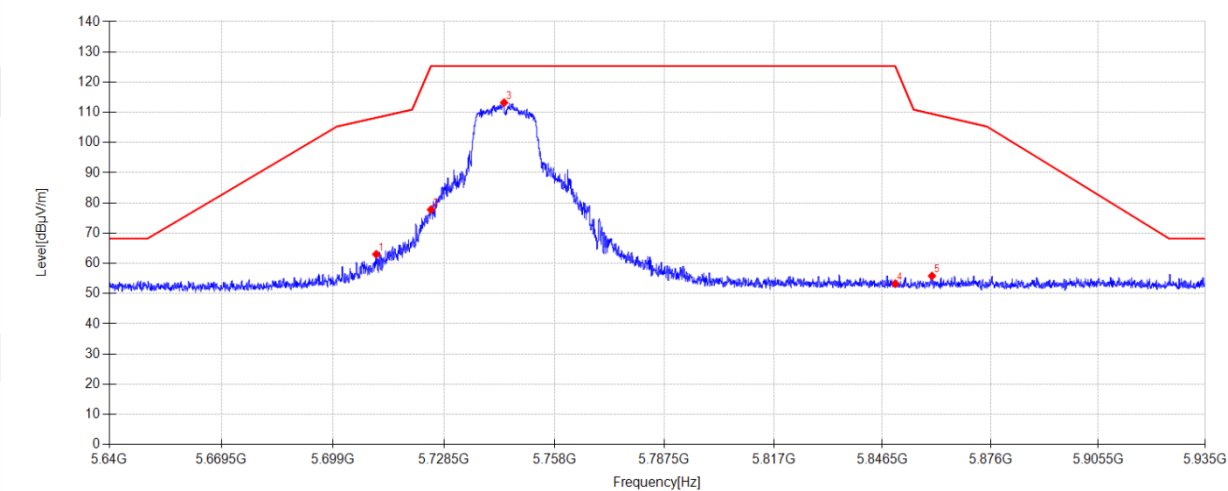
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\6

Memo:

Sample Number:S25061924-001 Power Setting:24



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	53.30	33.66	5.65	-29.60	63.01	108.23	45.22	PK	Horizontal
2	5725.000	67.95	33.75	5.66	-29.60	77.76	125.30	47.54	PK	Horizontal
3	5744.519	103.27	33.87	5.67	-29.60	113.21	125.30	12.09	PK	Horizontal
4	5850.000	43.12	34.00	5.74	-29.60	53.26	125.30	72.04	PK	Horizontal
5	5860.011	45.66	34.02	5.75	-29.60	55.83	109.50	53.67	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:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

ANT2 TX 11A 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

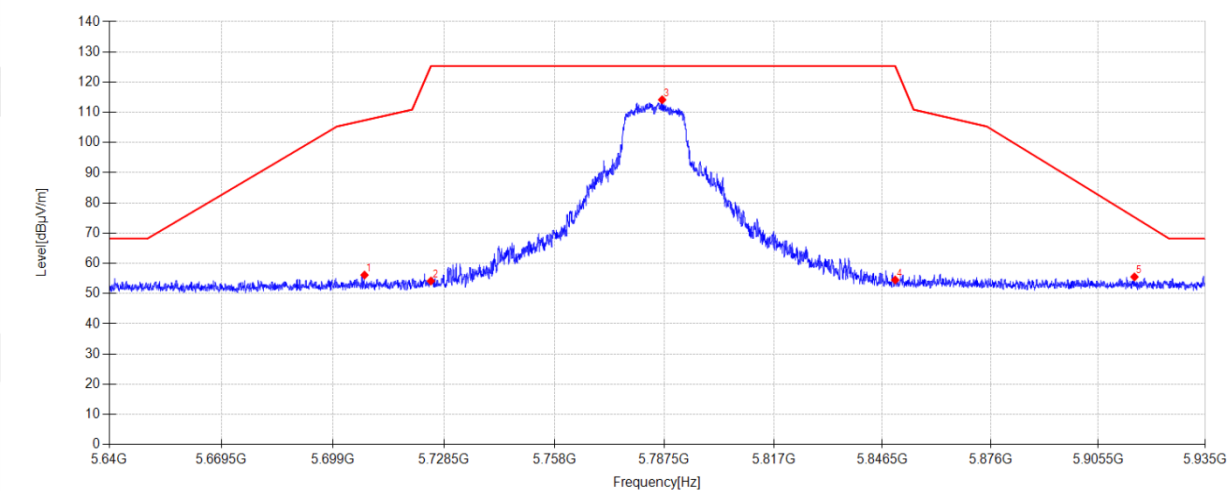
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\5

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5707.349	46.45	33.64	5.65	-29.60	56.14	107.36	51.22	PK	Horizontal
2	5725.000	44.35	33.75	5.66	-29.60	54.16	125.30	71.14	PK	Horizontal
3	5786.910	103.93	34.12	5.70	-29.60	114.15	125.30	11.15	PK	Horizontal
4	5850.000	44.36	34.00	5.74	-29.60	54.50	125.30	70.80	PK	Horizontal
5	5915.471	45.21	34.13	5.78	-29.60	55.52	75.27	19.75	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:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

ANT2 TX 11A 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

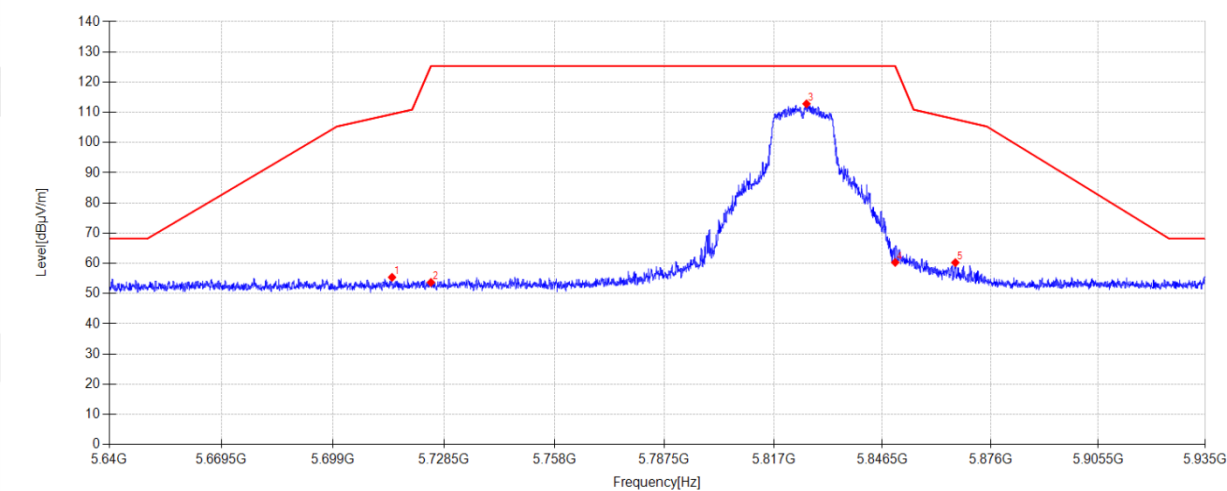
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\4

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5714.665	45.64	33.69	5.65	-29.60	55.38	109.41	54.03	PK	Horizontal
2	5725.000	43.89	33.75	5.66	-29.60	53.70	125.30	71.60	PK	Horizontal
3	5825.909	102.59	34.10	5.73	-29.60	112.82	125.30	12.48	PK	Horizontal
4	5850.000	50.18	34.00	5.74	-29.60	60.32	125.30	64.98	PK	Horizontal
5	5866.383	50.05	34.03	5.75	-29.60	60.23	107.71	47.48	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:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

ANT3 TX 11A 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

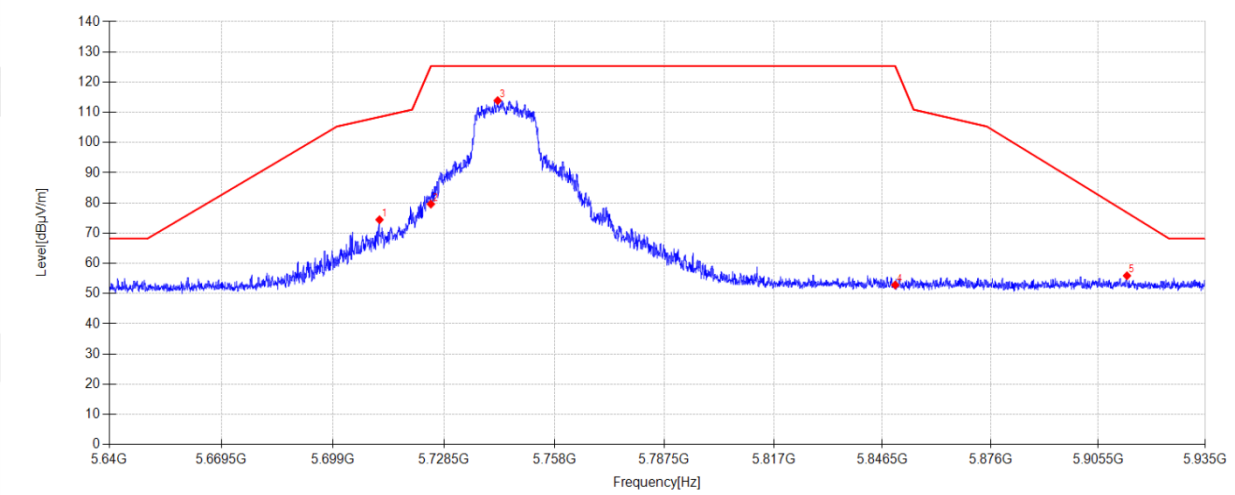
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\7

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5711.331	64.73	33.67	5.65	-29.60	74.45	108.47	34.02	PK	Horizontal
2	5725.000	69.82	33.75	5.66	-29.60	79.63	125.30	45.67	PK	Horizontal
3	5742.808	103.96	33.86	5.67	-29.60	113.89	125.30	11.41	PK	Horizontal
4	5850.000	42.70	34.00	5.74	-29.60	52.84	125.30	72.46	PK	Horizontal
5	5913.406	45.59	34.13	5.78	-29.60	55.90	76.80	20.90	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:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

ANT3 TX 11A 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

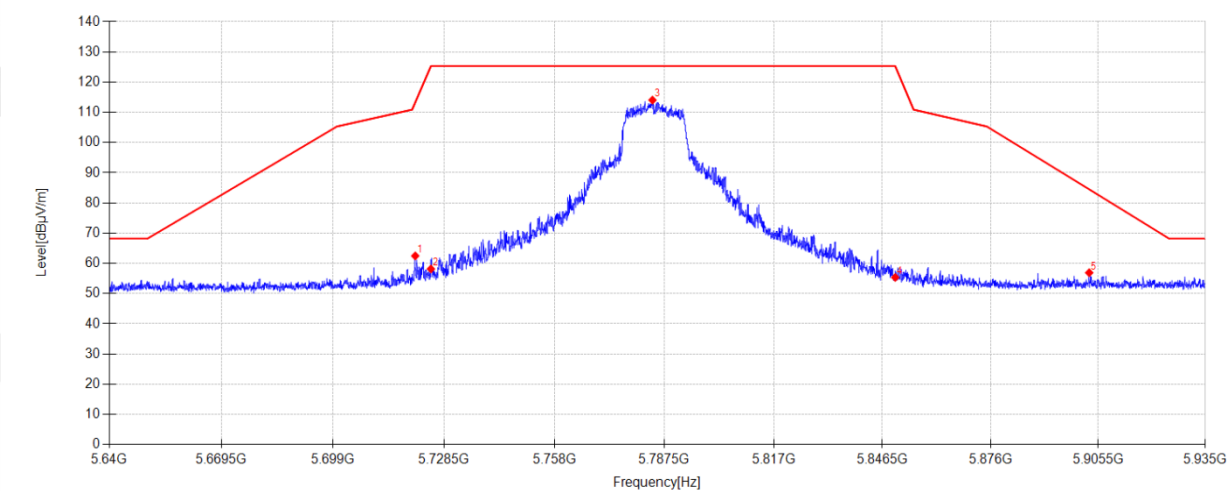
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\8

Memo:

Sample Number:S25061924-001 Power Setting:24



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5720.830	52.69	33.72	5.66	-29.60	62.47	113.29	50.82	PK	Horizontal
2	5725.000	48.34	33.75	5.66	-29.60	58.15	125.30	67.15	PK	Horizontal
3	5784.314	103.84	34.11	5.70	-29.60	114.05	125.30	11.25	PK	Horizontal
4	5850.000	45.21	34.00	5.74	-29.60	55.35	125.30	69.95	PK	Horizontal
5	5903.022	46.61	34.11	5.78	-29.60	56.90	84.51	27.61	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:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

ANT3 TX 11A 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

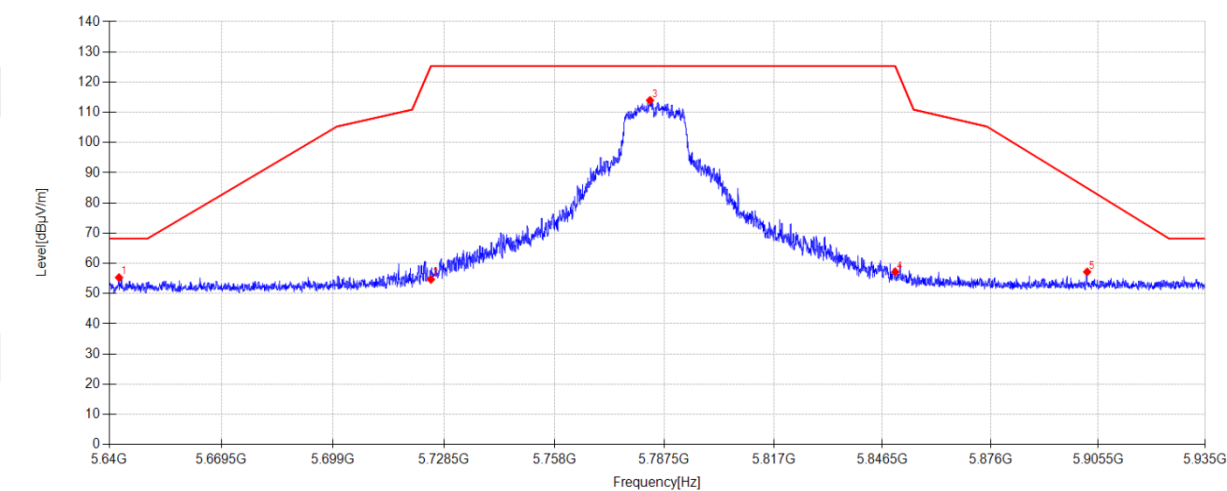
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\9

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5642.537	45.90	33.39	5.60	-29.60	55.29	68.20	12.91	PK	Horizontal
2	5725.000	44.88	33.75	5.66	-29.60	54.69	125.30	70.61	PK	Horizontal
3	5783.665	103.76	34.10	5.70	-29.60	113.96	125.30	11.34	PK	Horizontal
4	5850.000	47.02	34.00	5.74	-29.60	57.16	125.30	68.14	PK	Horizontal
5	5902.462	46.89	34.10	5.78	-29.60	57.17	84.92	27.75	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:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11N20 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

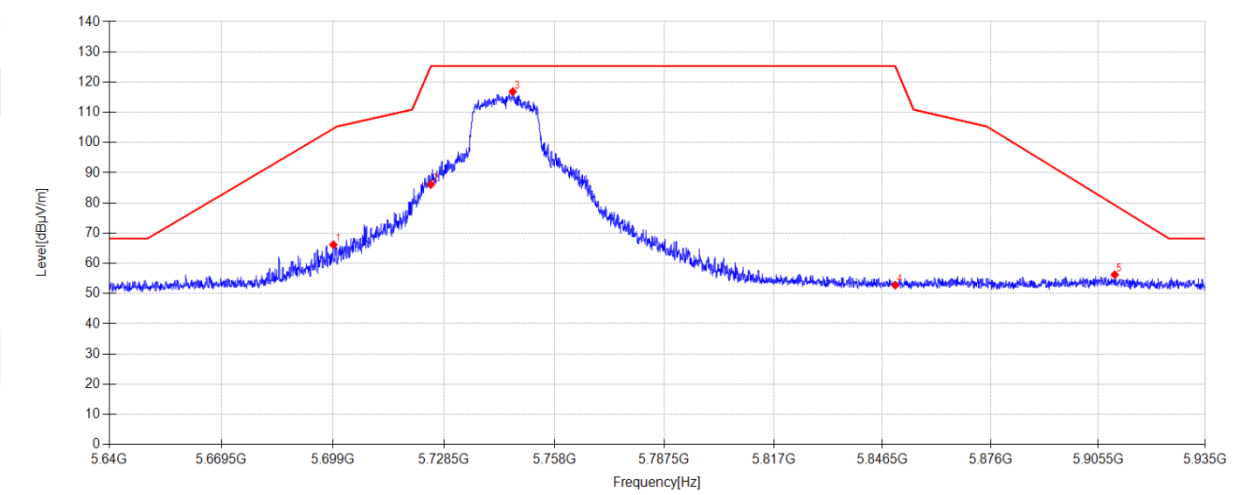
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\10

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5699.089	56.53	33.60	5.64	-29.60	66.17	104.62	38.45	PK	Horizontal
2	5725.000	76.31	33.75	5.66	-29.60	86.12	125.30	39.18	PK	Horizontal
3	5746.849	106.91	33.88	5.67	-29.60	116.86	125.30	8.44	PK	Horizontal
4	5850.000	42.63	34.00	5.74	-29.60	52.77	125.30	72.53	PK	Horizontal
5	5910.043	45.95	34.12	5.78	-29.60	56.25	79.30	23.05	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:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11N20 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

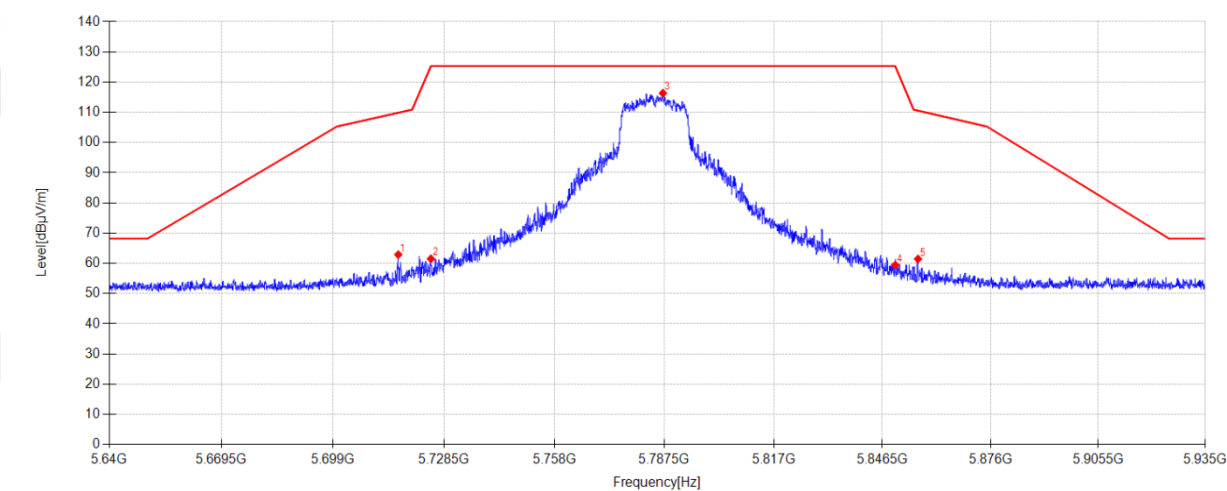
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\11

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5716.317	53.13	33.70	5.65	-29.60	62.88	109.87	46.99	PK	Horizontal
2	5725.000	51.69	33.75	5.66	-29.60	61.50	125.30	63.80	PK	Horizontal
3	5787.117	106.12	34.12	5.70	-29.60	116.34	125.30	8.96	PK	Horizontal
4	5850.000	49.29	34.00	5.74	-29.60	59.43	125.30	65.87	PK	Horizontal
5	5856.206	51.30	34.01	5.75	-29.60	61.46	110.56	49.10	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:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11N20 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

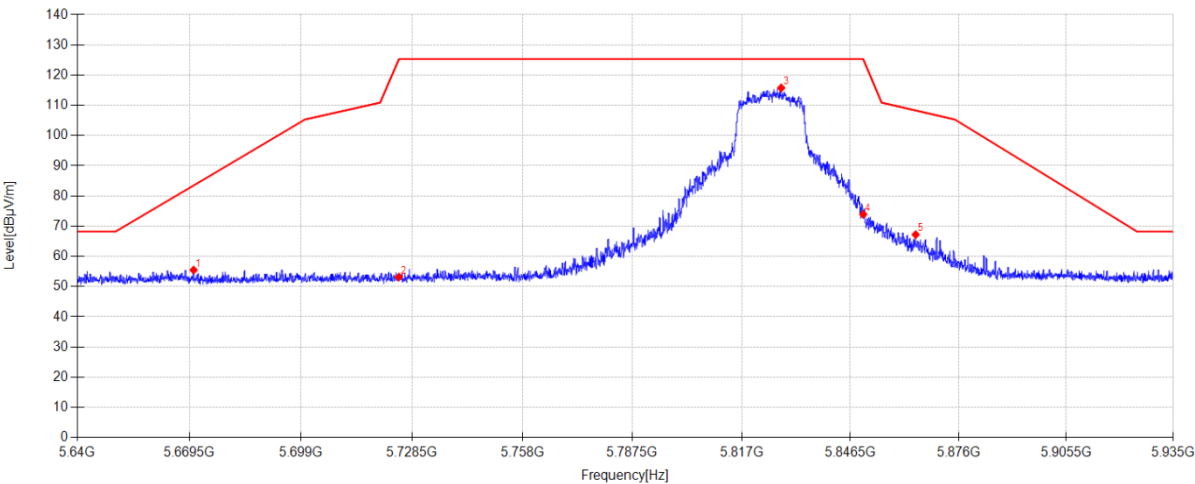
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\12

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5670.592	45.97	33.48	5.62	-29.60	55.47	83.48	28.01	PK	Horizontal
2	5725.000	43.35	33.75	5.66	-29.60	53.16	125.30	72.14	PK	Horizontal
3	5827.709	105.55	34.09	5.73	-29.60	115.77	125.30	9.53	PK	Horizontal
4	5850.000	63.78	34.00	5.74	-29.60	73.92	125.30	51.38	PK	Horizontal
5	5864.289	57.02	34.03	5.75	-29.60	67.20	108.30	41.10	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:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11AC20 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

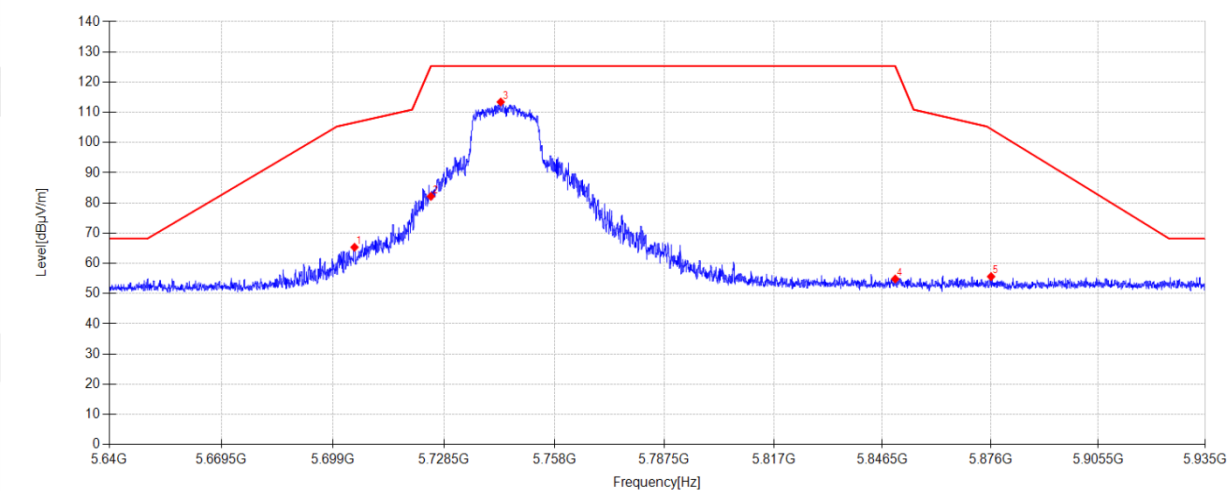
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\15

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5704.694	55.65	33.63	5.65	-29.60	65.33	106.61	41.28	PK	Horizontal
2	5725.000	72.37	33.75	5.66	-29.60	82.18	125.30	43.12	PK	Horizontal
3	5743.634	103.50	33.86	5.67	-29.60	113.43	125.30	11.87	PK	Horizontal
4	5850.000	44.68	34.00	5.74	-29.60	54.82	125.30	70.48	PK	Horizontal
5	5876.148	45.41	34.05	5.76	-29.60	55.62	104.45	48.83	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:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11AC20 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

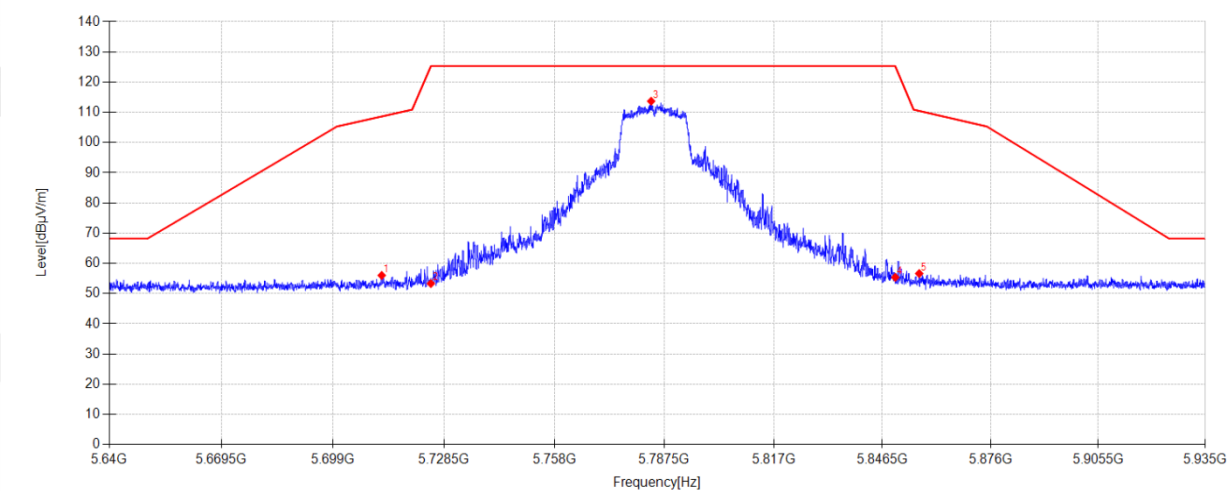
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\14

Memo:

Sample Number:S25061924-001 Power Setting:24



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	46.29	33.67	5.65	-29.60	56.01	108.64	52.63	PK	Horizontal
2	5725.000	43.50	33.75	5.66	-29.60	53.31	125.30	71.99	PK	Horizontal
3	5783.960	103.49	34.10	5.70	-29.60	113.69	125.30	11.61	PK	Horizontal
4	5850.000	45.23	34.00	5.74	-29.60	55.37	125.30	69.93	PK	Horizontal
5	5856.530	46.47	34.01	5.75	-29.60	56.63	110.47	53.84	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:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11AC20 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

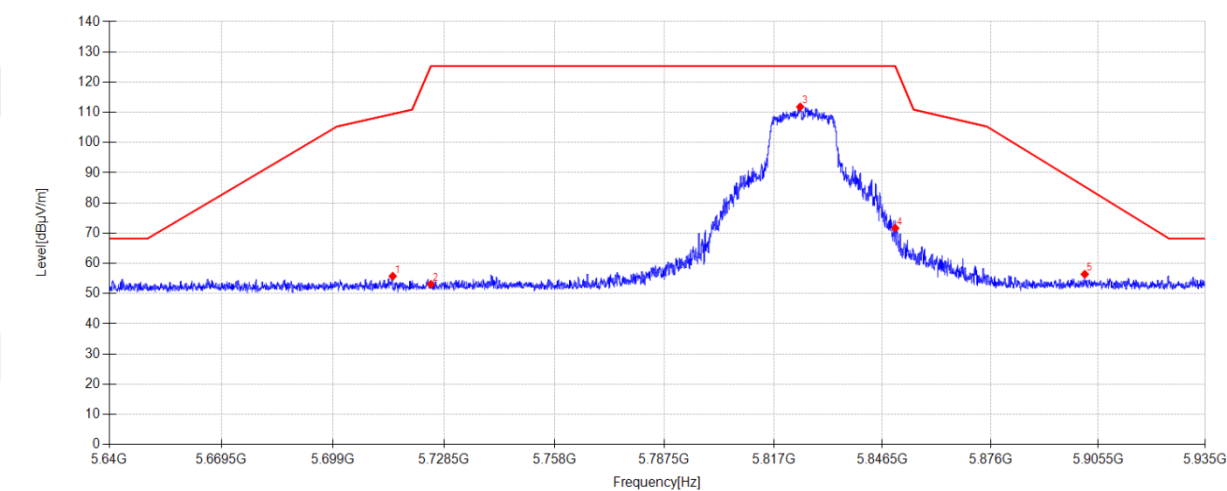
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\13

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5714.842	45.99	33.69	5.65	-29.60	55.73	109.46	53.73	PK	Horizontal
2	5725.000	43.26	33.75	5.66	-29.60	53.07	125.30	72.23	PK	Horizontal
3	5824.198	101.59	34.10	5.72	-29.60	111.81	125.30	13.49	PK	Horizontal
4	5850.000	61.52	34.00	5.74	-29.60	71.66	125.30	53.64	PK	Horizontal
5	5901.813	46.13	34.10	5.78	-29.60	56.41	85.41	29.00	PK	Horizontal

Note:

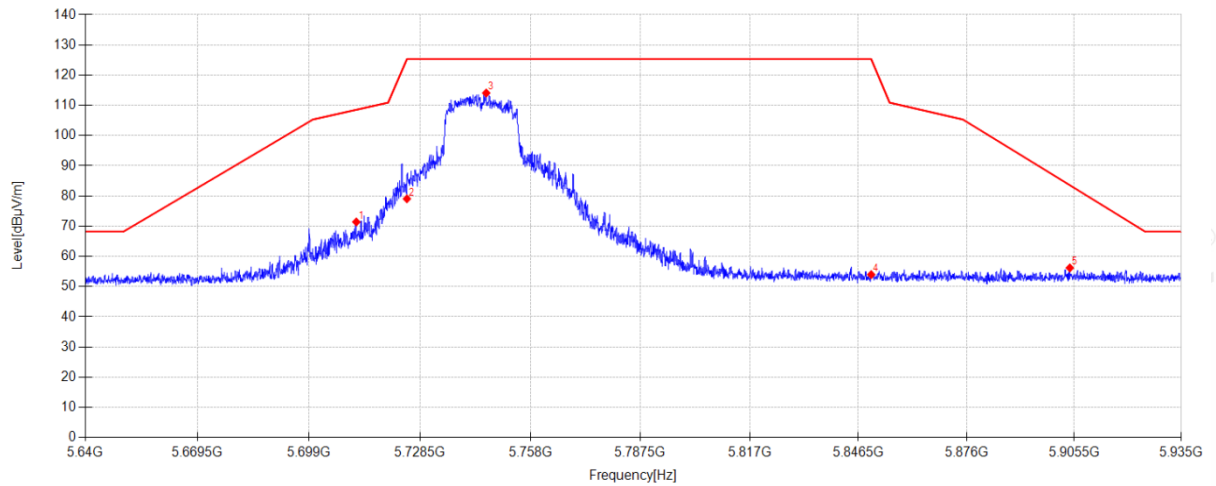
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2025-07-14 **Tested By:** Lin Guoyuan
EUT: Wireless Access Point **Model Number:** L2531
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\Q25061924-2E\FCC Above 1G 5.8G\16
Memo: Sample Number:S25061924-001 Power Setting:24

**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	5711.538	61.68	33.67	5.65	-29.60	71.40	108.53	37.13	PK	Horizontal
2	5725.000	69.24	33.75	5.66	-29.60	79.05	125.30	46.25	PK	Horizontal
3	5746.171	104.13	33.88	5.67	-29.60	114.08	125.30	11.22	PK	Horizontal
4	5850.000	43.83	34.00	5.74	-29.60	53.97	125.30	71.33	PK	Horizontal
5	5904.291	45.90	34.11	5.78	-29.60	56.19	83.57	27.38	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:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11AX20 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

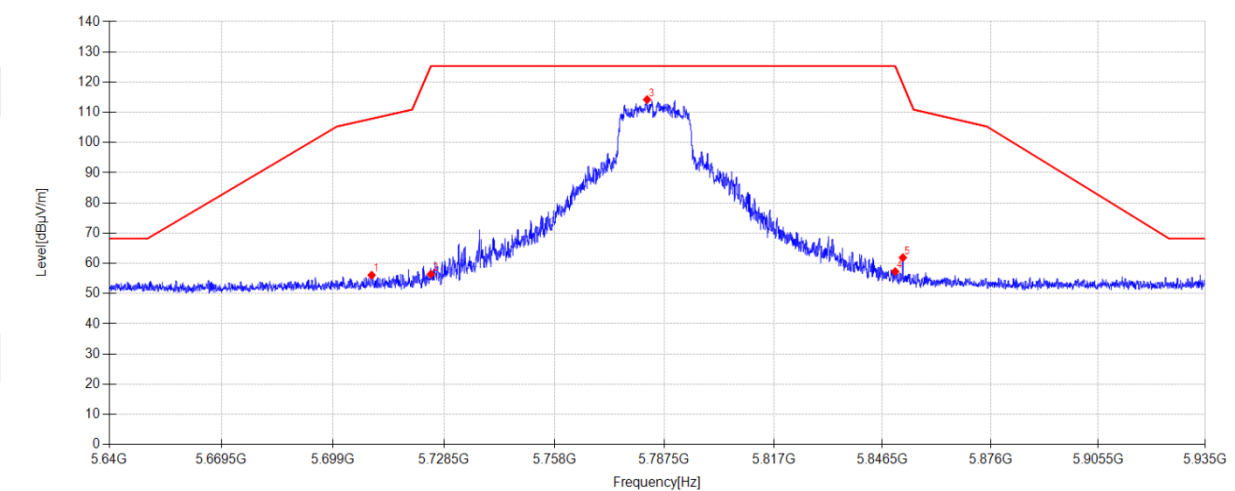
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\17

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5709.237	46.37	33.66	5.65	-29.60	56.08	107.89	51.81	PK	Horizontal
2	5725.000	46.62	33.75	5.66	-29.60	56.43	125.30	68.87	PK	Horizontal
3	5782.869	104.02	34.10	5.70	-29.60	114.22	125.30	11.08	PK	Horizontal
4	5850.000	47.14	34.00	5.74	-29.60	57.28	125.30	68.02	PK	Horizontal
5	5852.076	51.76	34.00	5.74	-29.60	61.90	119.32	57.42	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-14

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11AX20 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

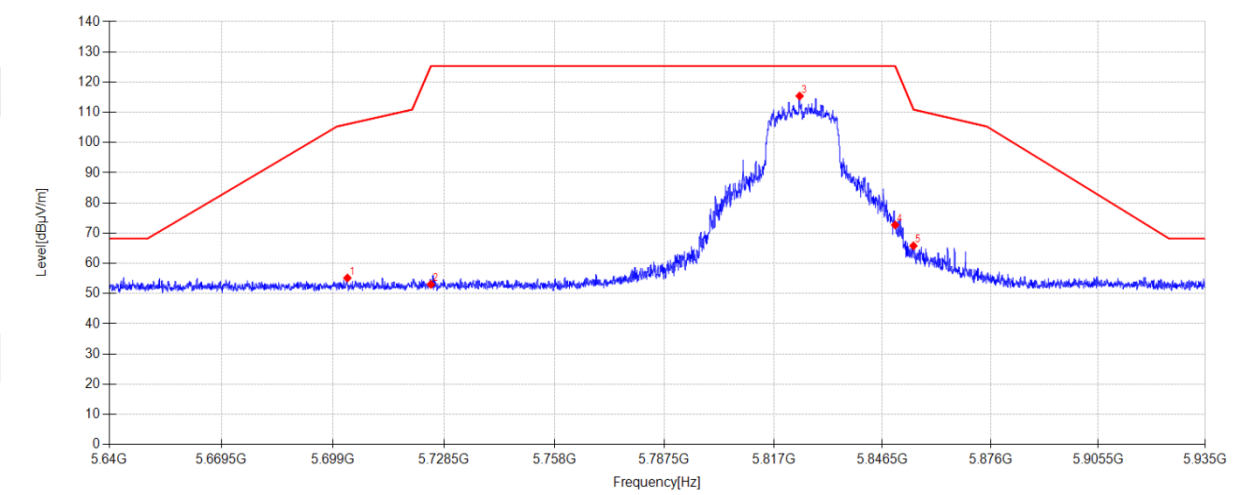
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\18

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5702.806	45.50	33.62	5.64	-29.60	55.16	106.09	50.93	PK	Horizontal
2	5725.000	43.23	33.75	5.66	-29.60	53.04	125.30	72.26	PK	Horizontal
3	5824.051	105.18	34.10	5.72	-29.60	115.40	125.30	9.90	PK	Horizontal
4	5850.000	62.58	34.00	5.74	-29.60	72.72	125.30	52.58	PK	Horizontal
5	5854.967	55.65	34.01	5.74	-29.60	65.80	111.00	45.20	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:

2025-07-15

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11N40 5755MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

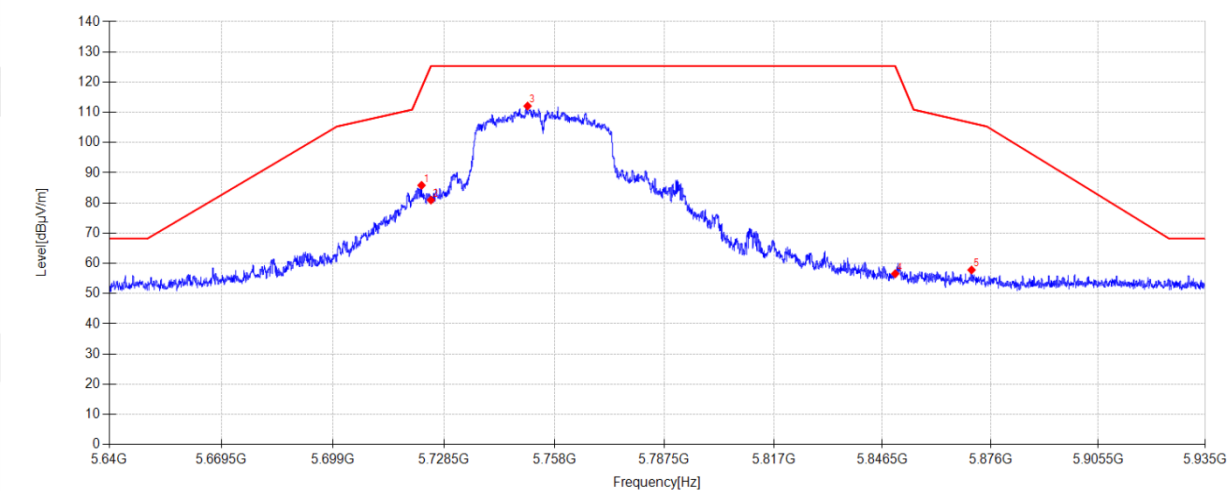
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\19

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5722.512	76.03	33.74	5.66	-29.60	85.83	118.13	32.30	PK	Horizontal
2	5725.000	71.14	33.75	5.66	-29.60	80.95	125.30	44.35	PK	Horizontal
3	5750.802	102.10	33.90	5.68	-29.60	112.08	125.30	13.22	PK	Horizontal
4	5850.000	46.42	34.00	5.74	-29.60	56.56	125.30	68.74	PK	Horizontal
5	5870.808	47.63	34.04	5.75	-29.60	57.82	106.47	48.65	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:

2025-07-15

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11N40 5795MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

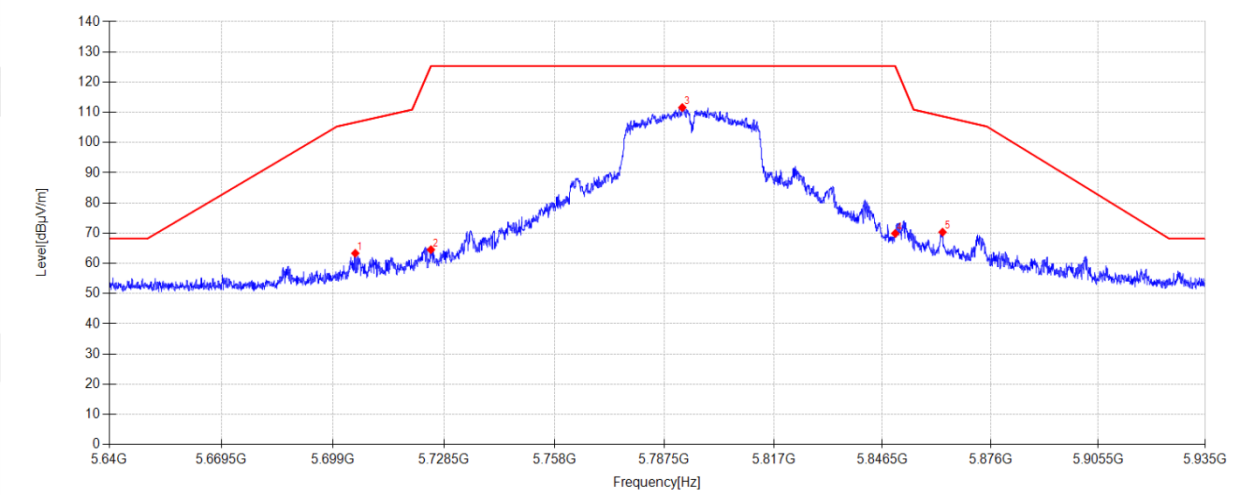
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\20

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5704.900	53.64	33.63	5.65	-29.60	63.32	106.67	43.35	PK	Horizontal
2	5725.000	54.72	33.75	5.66	-29.60	64.53	125.30	60.77	PK	Horizontal
3	5792.338	101.32	34.15	5.70	-29.60	111.57	125.30	13.73	PK	Horizontal
4	5850.000	59.75	34.00	5.74	-29.60	69.89	125.30	55.41	PK	Horizontal
5	5862.902	60.15	34.03	5.75	-29.60	70.33	108.69	38.36	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-15

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11AC40 5755MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

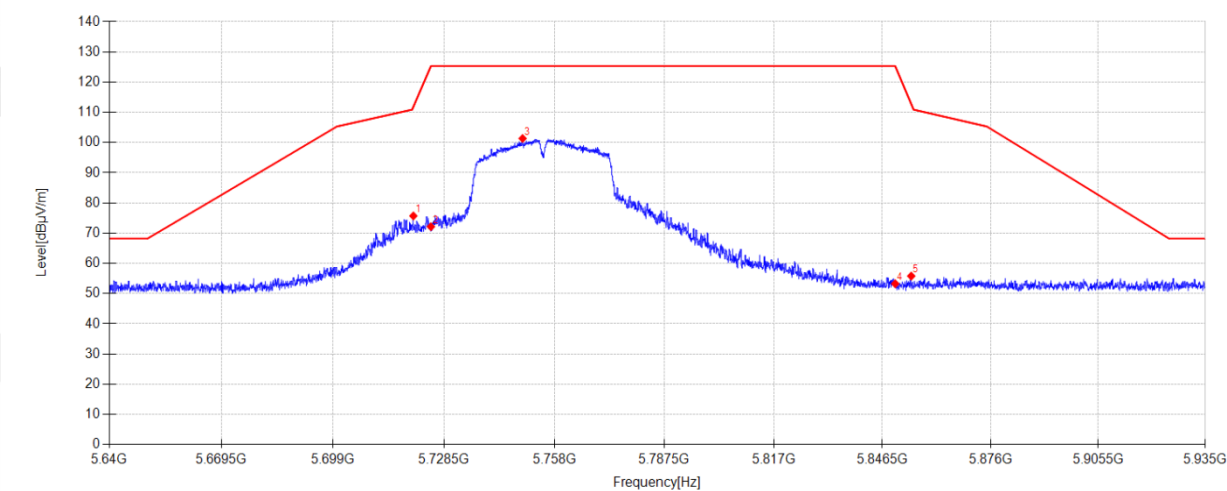
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\22

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5720.329	65.92	33.72	5.66	-29.60	75.70	111.85	36.15	PK	Horizontal
2	5725.000	62.33	33.75	5.66	-29.60	72.14	125.30	53.16	PK	Horizontal
3	5749.475	91.37	33.90	5.67	-29.60	101.34	125.30	23.96	PK	Horizontal
4	5850.000	43.12	34.00	5.74	-29.60	53.26	125.30	72.04	PK	Horizontal
5	5854.347	45.65	34.01	5.74	-29.60	55.80	112.78	56.98	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:2025-07-15

Tested By:Lin Guoyuan

EUT:Wireless Access Point

Model Number:L2531

Test Mode:MIMO TX 11AC40 5795MHz Mode

Power Supply:AC 120V/60Hz

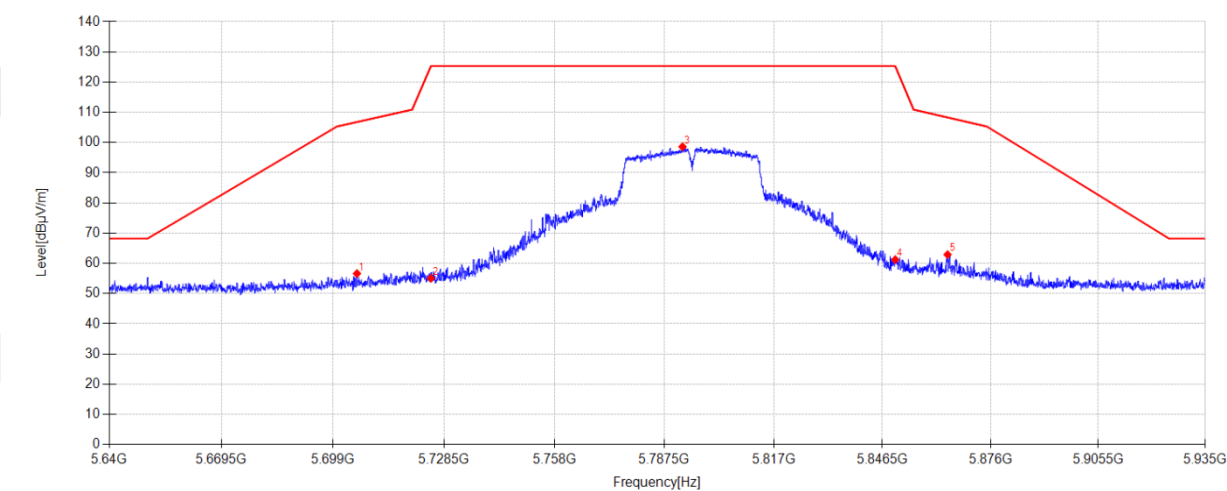
Condition:Temp:22.1°C;Humi:44.4%

Test Site:DDT 3# Chamber

File Path:d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\21

Memo:Sample Number:S25061924-001

Power Setting:24



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	5705.343	46.94	33.63	5.65	-29.60	56.62	106.80	50.18	PK	Horizontal
2	5725.000	45.24	33.75	5.66	-29.60	55.05	125.30	70.25	PK	Horizontal
3	5792.397	88.37	34.15	5.70	-29.60	98.62	125.30	26.68	PK	Horizontal
4	5850.000	51.10	34.00	5.74	-29.60	61.24	125.30	64.06	PK	Horizontal
5	5864.259	52.73	34.03	5.75	-29.60	62.91	108.31	45.40	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-07-15

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11AX40 5755MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

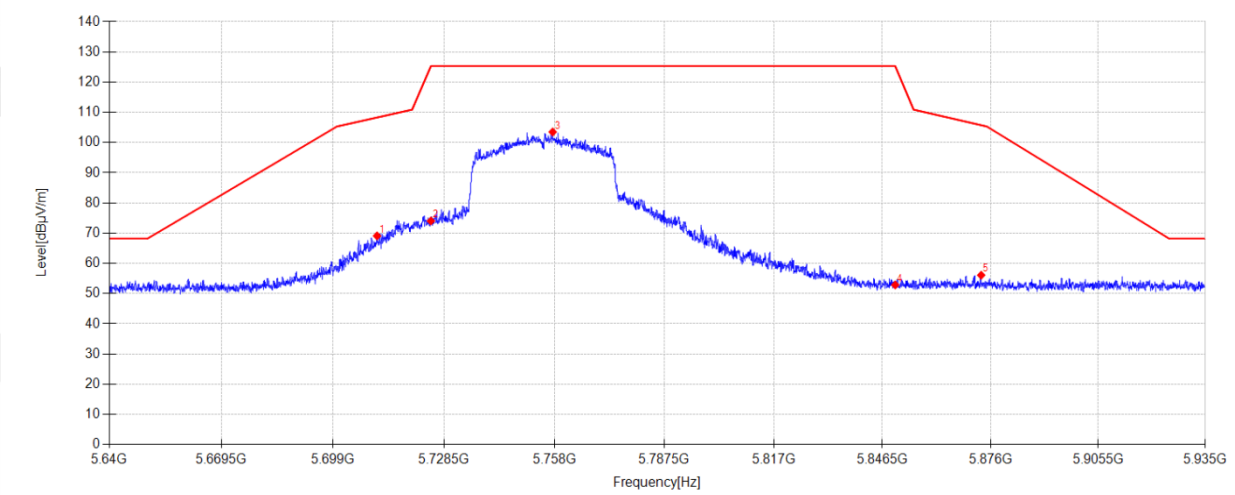
DDT 3# Chamber

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Memo:

Sample Number:S25061924-001 Power Setting:24



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	5710.682	59.39	33.66	5.65	-29.60	69.10	108.29	39.19	PK	Horizontal
2	5725.000	64.24	33.75	5.66	-29.60	74.05	125.30	51.25	PK	Horizontal
3	5757.528	93.46	33.95	5.68	-29.60	103.49	125.30	21.81	PK	Horizontal
4	5850.000	42.72	34.00	5.74	-29.60	52.86	125.30	72.44	PK	Horizontal
5	5873.434	45.88	34.05	5.76	-29.60	56.09	105.74	49.65	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:

2025-07-15

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11AX40 5795MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

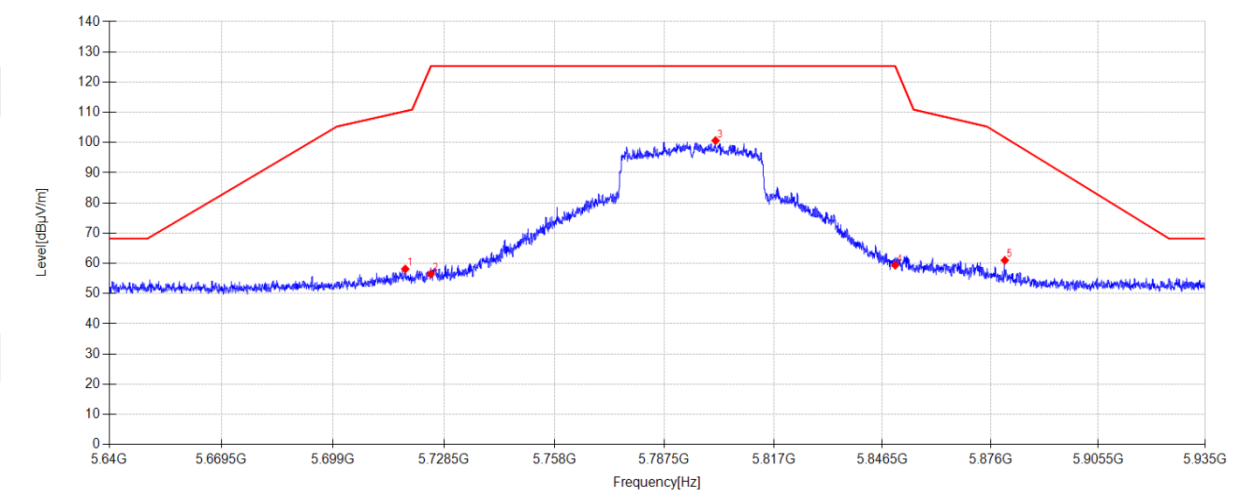
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25061924-2E\FCC Above 1G 5.8G\24

Memo:

Sample Number:S25061924-001 Power Setting:24



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	5718.175	48.37	33.71	5.65	-29.60	58.13	110.39	52.26	PK	Horizontal
2	5725.000	46.68	33.75	5.66	-29.60	56.49	125.30	68.81	PK	Horizontal
3	5801.306	90.33	34.19	5.71	-29.60	100.63	125.30	24.67	PK	Horizontal
4	5850.000	49.26	34.00	5.74	-29.60	59.40	125.30	65.90	PK	Horizontal
5	5879.894	50.79	34.06	5.76	-29.60	61.01	101.67	40.66	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:

2025-07-15

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11AC80 5775MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

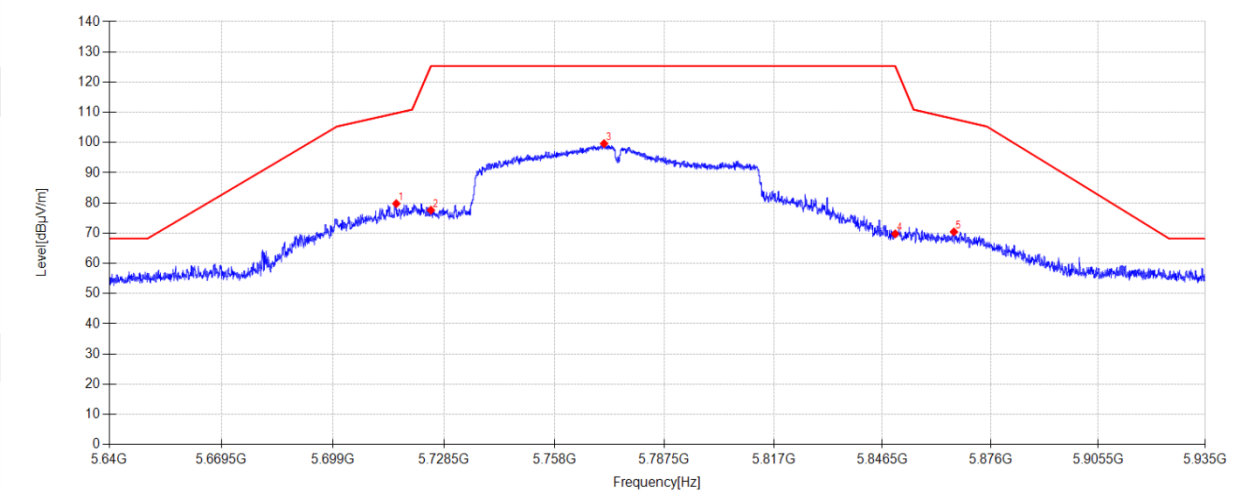
DDT 3# Chamber

File Path:

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Memo:

Sample Number:S25061924-001 Power Setting:24



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	5715.786	70.04	33.69	5.65	-29.60	79.78	109.72	29.94	PK	Horizontal
2	5725.000	67.80	33.75	5.66	-29.60	77.61	125.30	47.69	PK	Horizontal
3	5771.305	89.52	34.03	5.69	-29.60	99.64	125.30	25.66	PK	Horizontal
4	5850.000	59.62	34.00	5.74	-29.60	69.76	125.30	55.54	PK	Horizontal
5	5866.000	60.25	34.03	5.75	-29.60	70.43	107.82	37.39	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:

2025-07-15

Tested By:

Lin Guoyuan

EUT:

Wireless Access Point

Model Number:

L2531

Test Mode:

MIMO TX 11AX80 5775MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.1°C;Humi:44.4%

Test Site:

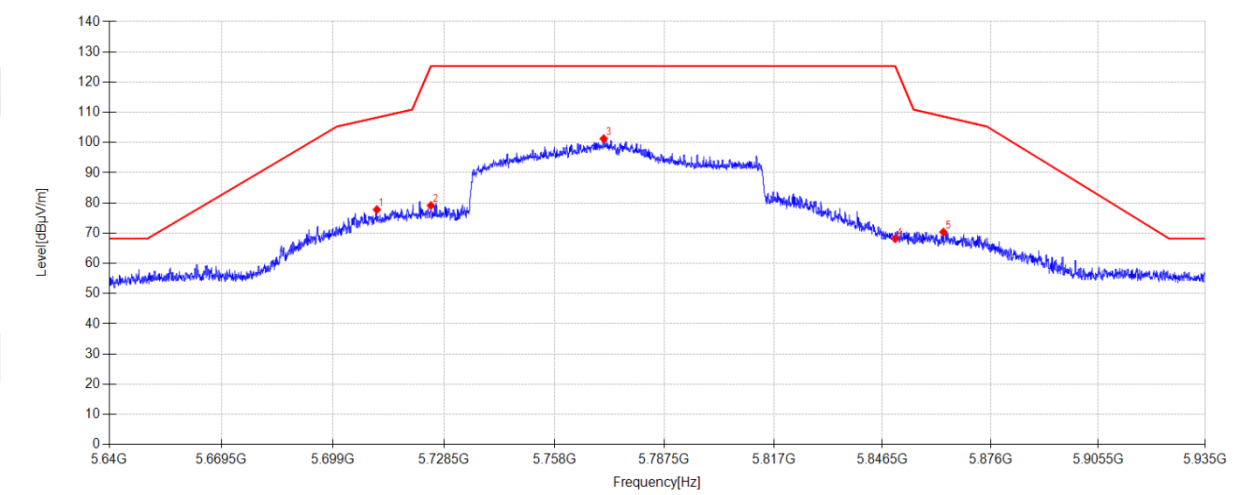
DDT 3# Chamber

File Path:

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Memo:

Sample Number:S25061924-001 Power Setting:24



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	5710.623	68.08	33.66	5.65	-29.60	77.79	108.27	30.48	PK	Horizontal
2	5725.000	69.33	33.75	5.66	-29.60	79.14	125.30	46.16	PK	Horizontal
3	5771.216	91.15	34.03	5.69	-29.60	101.27	125.30	24.03	PK	Horizontal
4	5850.000	58.03	34.00	5.74	-29.60	68.17	125.30	57.13	PK	Horizontal
5	5863.138	60.17	34.03	5.75	-29.60	70.35	108.62	38.27	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.

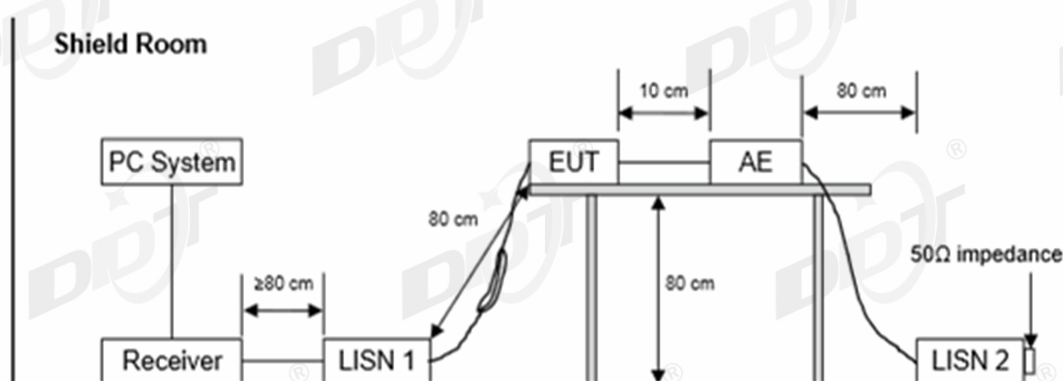
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Power Line Conducted Emissions

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
EMI Test Receiver	R&S	ESCI/E3	DDT-ZC01297	2026/07/06
Two Line V-Network	R&S	ENV216	DDT-ZC02059	2026/07/06
Two Line V-Network	R&S	ENV216	DDT-ZC02056	2026/07/06
Three-phase artificial power network	SCHWARZBEC K	NSLK 8163	DDT-ZC01572	2026/07/06
Pulse Limiter	SCHWARZBEC K	VTSD 9561	DDT-ZC02128	2026/07/06
RF Cable	Yuhu Technology	Z806-NJ-NJ-6M	DDT-ZC02004	2026/07/06
Conducted Radiated Software	Audix	E3	DDT-ZC00562	/
Δ -shaped artificial power network	SCHWARZBEC K	PVDC 8301	DDT-ZC03939	2026/03/28

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 6# Shield Room

Test Date : 2025-06-25

EUT : Wireless Access Point

Power Supply : AC 120V/60Hz

Condition : Temp:23.9°C,Humi:52.7%

Memo :

D:\2025 Report Date\Q25061924-2E\0625 CE.EM6

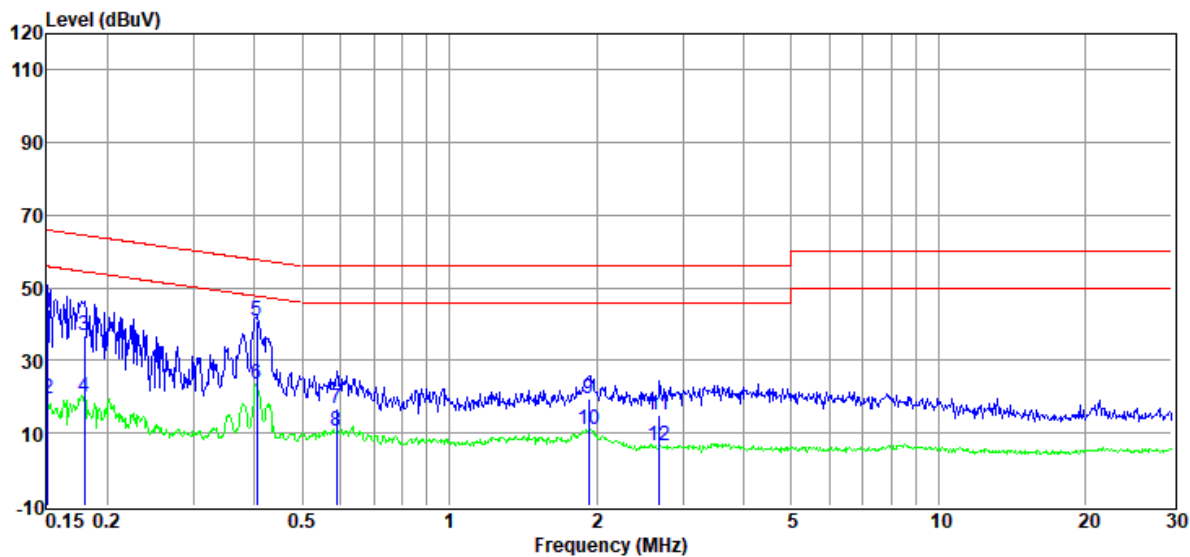
Tested By : Zhong Nan

Model Number : L2531

Test Mode : TX MIMO 11AX20 5700MHz Mode

LISN : 2024 ENV216 3#/LINE

Data: 6



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	23.27	9.78	0.07	9.83	42.95	65.96	-23.01	QP	LINE
2	0.15	-0.41	9.78	0.07	9.83	19.27	55.96	-36.69	Average	LINE
3	0.18	17.29	9.78	0.06	9.83	36.96	64.50	-27.54	QP	LINE
4	0.18	0.47	9.78	0.06	9.83	20.14	54.50	-34.36	Average	LINE
5	0.40	21.04	9.77	0.09	9.83	40.73	57.77	-17.04	QP	LINE
6	0.40	3.78	9.77	0.09	9.83	23.47	47.77	-24.30	Average	LINE
7	0.59	-2.87	9.75	0.09	9.83	16.80	56.00	-39.20	QP	LINE
8	0.59	-9.17	9.75	0.09	9.83	10.50	46.00	-35.50	Average	LINE
9	1.93	-0.30	9.75	0.11	9.84	19.40	56.00	-36.60	QP	LINE
10	1.93	-8.52	9.75	0.11	9.84	11.18	46.00	-34.82	Average	LINE
11	2.69	-4.70	9.76	0.11	9.84	15.01	56.00	-40.99	QP	LINE
12	2.69	-12.99	9.76	0.11	9.84	6.72	46.00	-39.28	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 6# Shield Room

Test Date : 2025-06-25

EUT : Wireless Access Point

Power Supply : AC 120V/60Hz

Condition : Temp:23.9°C,Humi:52.7%

Memo :

D:\2025 Report Date\Q25061924-2E\0625 CE.EM6

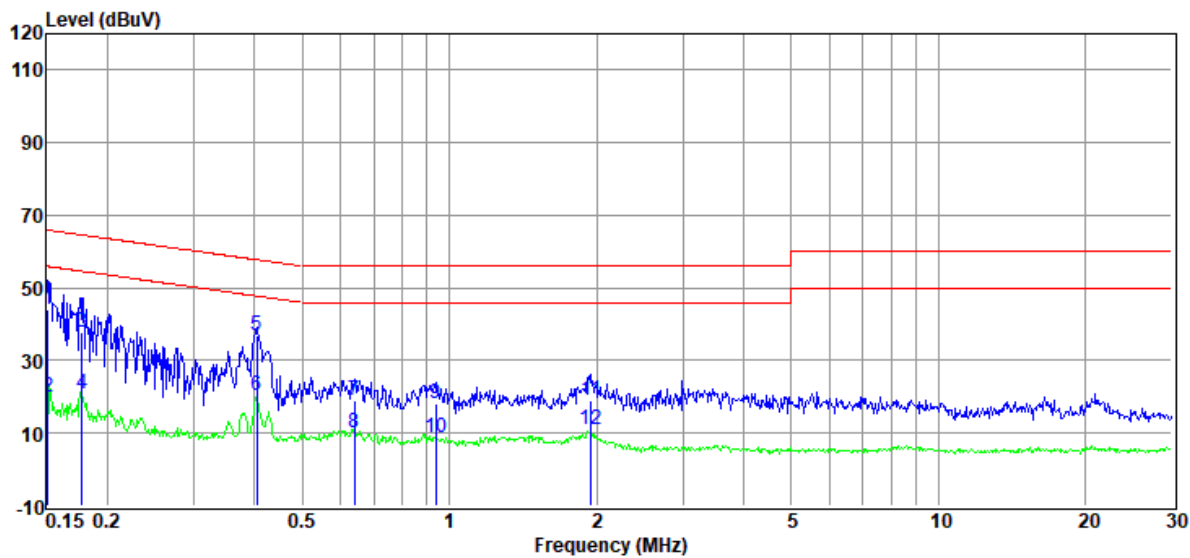
Tested By : Zhong Nan

Model Number : L2531

Test Mode : TX MIMO 11AX20 5700MHz Mode

LISN : 2024 ENV216 3##/NEUTRAL

Data: 8



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	24.34	9.78	0.07	9.83	44.02	65.96	-21.94	QP	NEUTRAL
2	0.15	0.08	9.78	0.07	9.83	19.76	55.96	-36.20	Average	NEUTRAL
3	0.18	18.27	9.77	0.06	9.83	37.93	64.59	-26.66	QP	NEUTRAL
4	0.18	1.09	9.77	0.06	9.83	20.75	54.59	-33.84	Average	NEUTRAL
5	0.40	17.17	9.77	0.09	9.83	36.86	57.77	-20.91	QP	NEUTRAL
6	0.40	0.48	9.77	0.09	9.83	20.17	47.77	-27.60	Average	NEUTRAL
7	0.64	-0.55	9.75	0.08	9.83	19.11	56.00	-36.89	QP	NEUTRAL
8	0.64	-9.34	9.75	0.08	9.83	10.32	46.00	-35.68	Average	NEUTRAL
9	0.94	-1.33	9.76	0.10	9.84	18.37	56.00	-37.63	QP	NEUTRAL
10	0.94	-11.12	9.76	0.10	9.84	8.58	46.00	-37.42	Average	NEUTRAL
11	1.95	-0.70	9.77	0.11	9.84	19.02	56.00	-36.98	QP	NEUTRAL
12	1.95	-8.94	9.77	0.11	9.84	10.78	46.00	-35.22	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-Q25061924-1E appendix I

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