

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-05

Tested By:

Li Xiongbin

Test Mode:

11A 5825MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

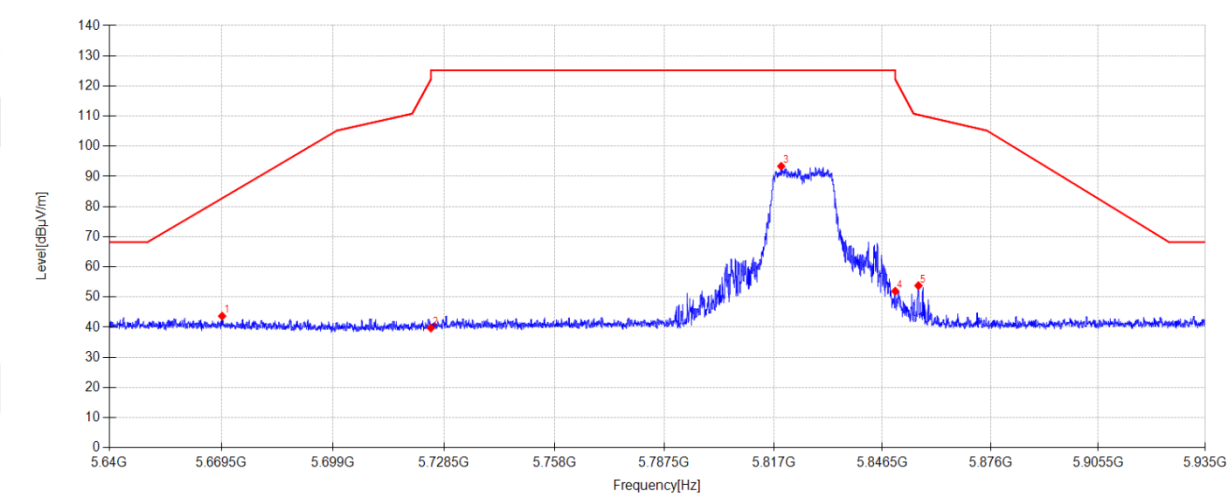
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\12

Memo:

Sample Number:S25120138-005;Power Setting:NA



| 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                   | 5669.677    | 44.76            | 33.34               | 5.24            | -39.67   | 43.67          | 82.76          | 39.09       | PK       | Vertical |
| 2                   | 5725.000    | 40.65            | 33.45               | 5.26            | -39.65   | 39.71          | 122.20         | 82.49       | PK       | Vertical |
| 3                   | 5819.065    | 93.80            | 33.90               | 5.30            | -39.64   | 93.36          | 125.20         | 31.84       | PK       | Vertical |
| 4                   | 5850.000    | 52.37            | 33.90               | 5.31            | -39.63   | 51.95          | 122.20         | 70.25       | PK       | Vertical |
| 5                   | 5856.324    | 54.15            | 33.95               | 5.31            | -39.63   | 53.78          | 110.43         | 56.65       | PK       | Vertical |

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-05

Tested By:

Li Xiongbín

Test Mode:

11N20 5745MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

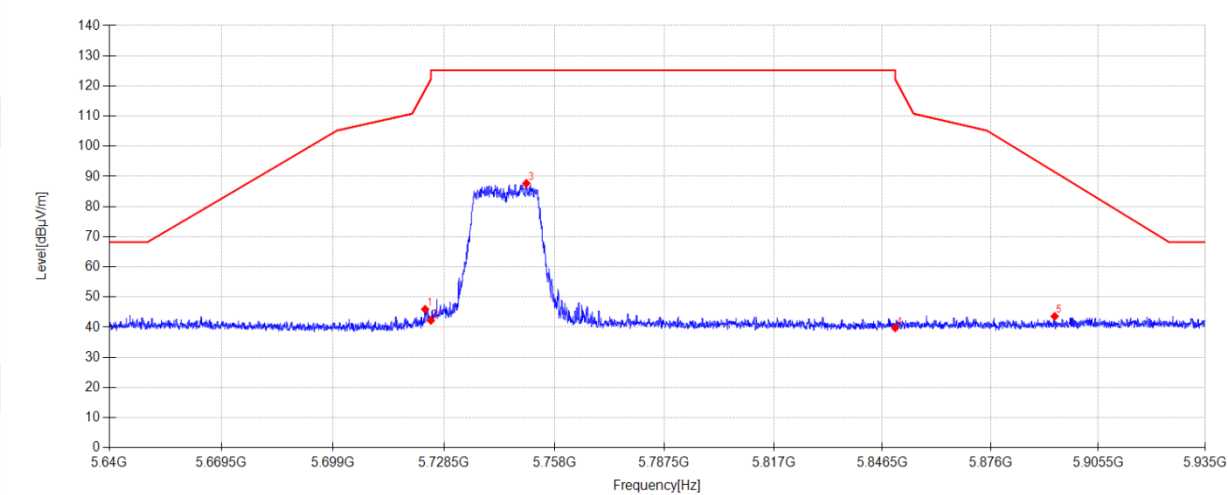
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\13

Memo:

Sample Number:S25120138-005;Power Setting:NA



| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |            |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.                 | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1                   | 5723.456    | 46.91            | 33.43               | 5.26            | -39.66   | 45.94          | 118.68         | 72.74       | PK       | Horizontal |
| 2                   | 5725.000    | 43.16            | 33.45               | 5.26            | -39.65   | 42.22          | 122.20         | 79.98       | PK       | Horizontal |
| 3                   | 5750.478    | 88.28            | 33.80               | 5.27            | -39.65   | 87.70          | 125.20         | 37.50       | PK       | Horizontal |
| 4                   | 5850.000    | 40.17            | 33.90               | 5.31            | -39.63   | 39.75          | 122.20         | 82.45       | PK       | Horizontal |
| 5                   | 5893.553    | 43.63            | 34.25               | 5.33            | -39.62   | 43.59          | 91.47          | 47.88       | 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:

2026-02-05

Tested By:

Li Xiongbín

Test Mode:

11N20 5745MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

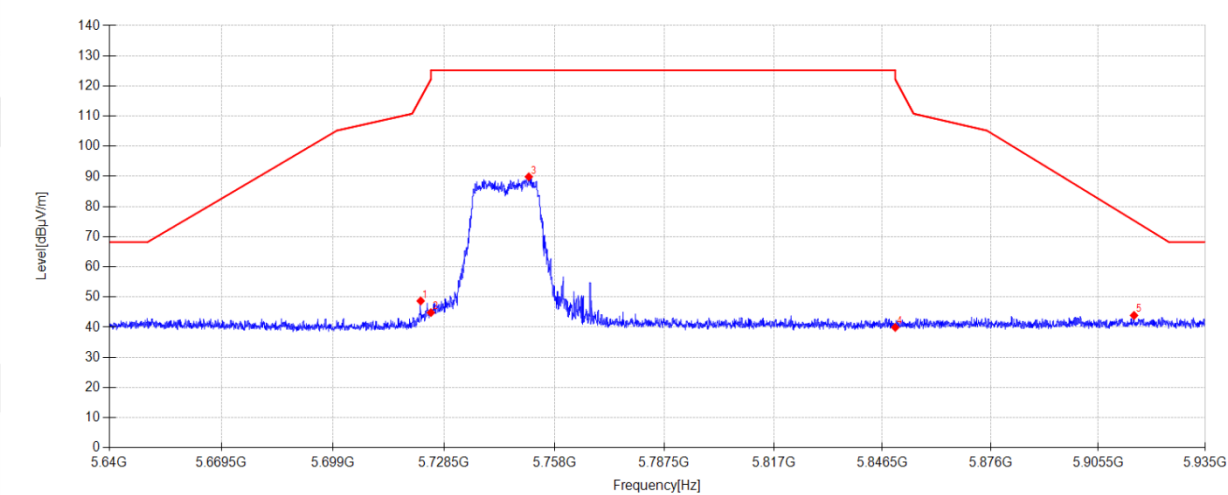
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\14

Memo:

Sample Number:S25120138-005;Power Setting:NA



| 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                   | 5722.276    | 49.68            | 33.41               | 5.26            | -39.66   | 48.69          | 115.99         | 67.30       | PK       | Vertical |
| 2                   | 5725.000    | 45.77            | 33.45               | 5.26            | -39.65   | 44.83          | 122.20         | 77.37       | PK       | Vertical |
| 3                   | 5751.127    | 90.45            | 33.80               | 5.27            | -39.65   | 89.87          | 125.20         | 35.33       | PK       | Vertical |
| 4                   | 5850.000    | 40.34            | 33.90               | 5.31            | -39.63   | 39.92          | 122.20         | 82.28       | PK       | Vertical |
| 5                   | 5915.353    | 43.85            | 34.33               | 5.34            | -39.62   | 43.90          | 75.34          | 31.44       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-05

Tested By:

Li Xiongbín

Test Mode:

11N20 5785MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

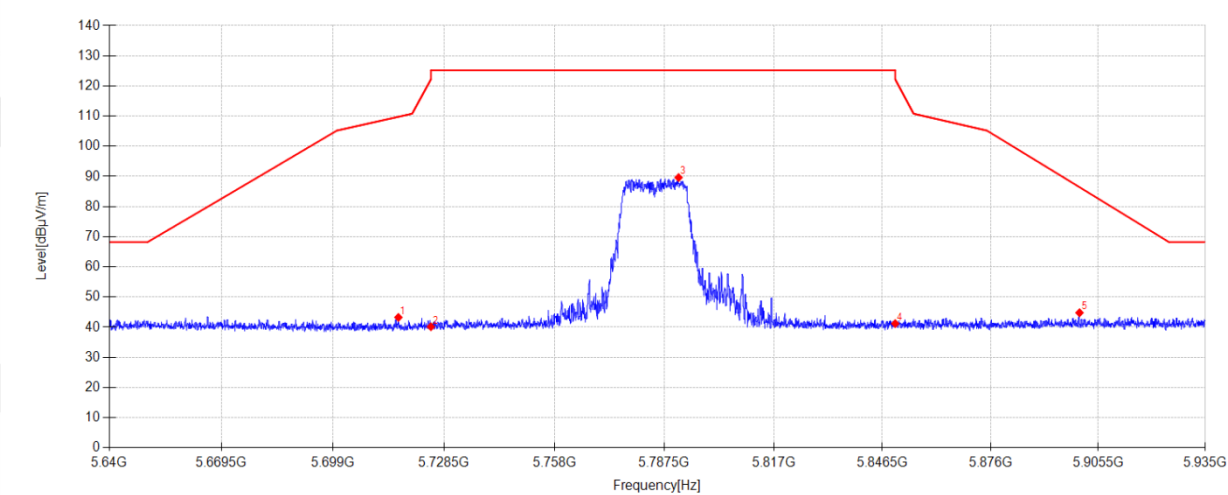
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\15

Memo:

Sample Number:S25120138-005;Power Setting:NA



| 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                   | 5716.346    | 44.32            | 33.33               | 5.26            | -39.66   | 43.25          | 109.78         | 66.53       | PK       | Horizontal |
| 2                   | 5725.000    | 41.08            | 33.45               | 5.26            | -39.65   | 40.14          | 122.20         | 82.06       | PK       | Horizontal |
| 3                   | 5791.335    | 90.09            | 33.88               | 5.29            | -39.64   | 89.62          | 125.20         | 35.58       | PK       | Horizontal |
| 4                   | 5850.000    | 41.61            | 33.90               | 5.31            | -39.63   | 41.19          | 122.20         | 81.01       | PK       | Horizontal |
| 5                   | 5900.367    | 44.77            | 34.30               | 5.33            | -39.62   | 44.78          | 86.43          | 41.65       | 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:

2026-02-05

Tested By:

Li Xiongbín

Test Mode:

11N20 5785MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

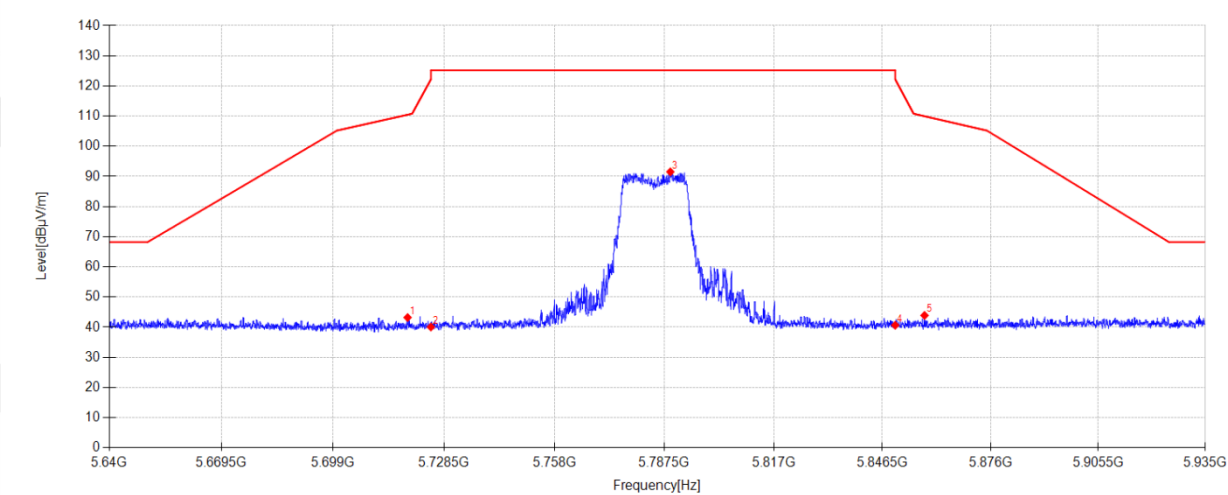
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\16

Memo:

Sample Number:S25120138-005;Power Setting:NA



| 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                   | 5718.795    | 44.25            | 33.36               | 5.26            | -39.66   | 43.21          | 110.46         | 67.25       | PK       | Vertical |
| 2                   | 5725.000    | 41.00            | 33.45               | 5.26            | -39.65   | 40.06          | 122.20         | 82.14       | PK       | Vertical |
| 3                   | 5789.123    | 91.99            | 33.88               | 5.29            | -39.64   | 91.52          | 125.20         | 33.68       | PK       | Vertical |
| 4                   | 5850.000    | 41.07            | 33.90               | 5.31            | -39.63   | 40.65          | 122.20         | 81.55       | PK       | Vertical |
| 5                   | 5857.976    | 44.26            | 33.96               | 5.31            | -39.63   | 43.90          | 109.97         | 66.07       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-05

Tested By:

Li Xiongbín

Test Mode:

11N20 5825MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

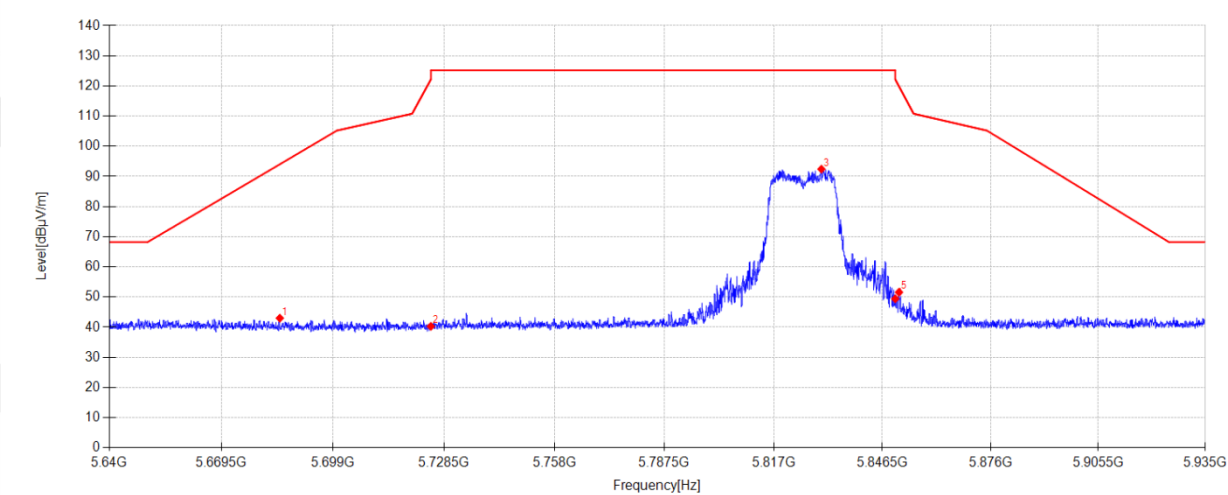
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\17

Memo:

Sample Number:S25120138-005;Power Setting:NA



| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |            |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.                 | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1                   | 5684.899    | 44.20            | 33.22               | 5.24            | -39.66   | 43.00          | 94.03          | 51.03       | PK       | Horizontal |
| 2                   | 5725.000    | 41.22            | 33.45               | 5.26            | -39.65   | 40.28          | 122.20         | 81.92       | PK       | Horizontal |
| 3                   | 5829.951    | 92.85            | 33.90               | 5.30            | -39.63   | 92.42          | 125.20         | 32.78       | PK       | Horizontal |
| 4                   | 5850.000    | 49.83            | 33.90               | 5.31            | -39.63   | 49.41          | 122.20         | 72.79       | PK       | Horizontal |
| 5                   | 5851.043    | 52.00            | 33.91               | 5.31            | -39.63   | 51.59          | 119.82         | 68.23       | 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:

2026-02-05

Tested By:

Li Xiongbin

Test Mode:

11N20 5825MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

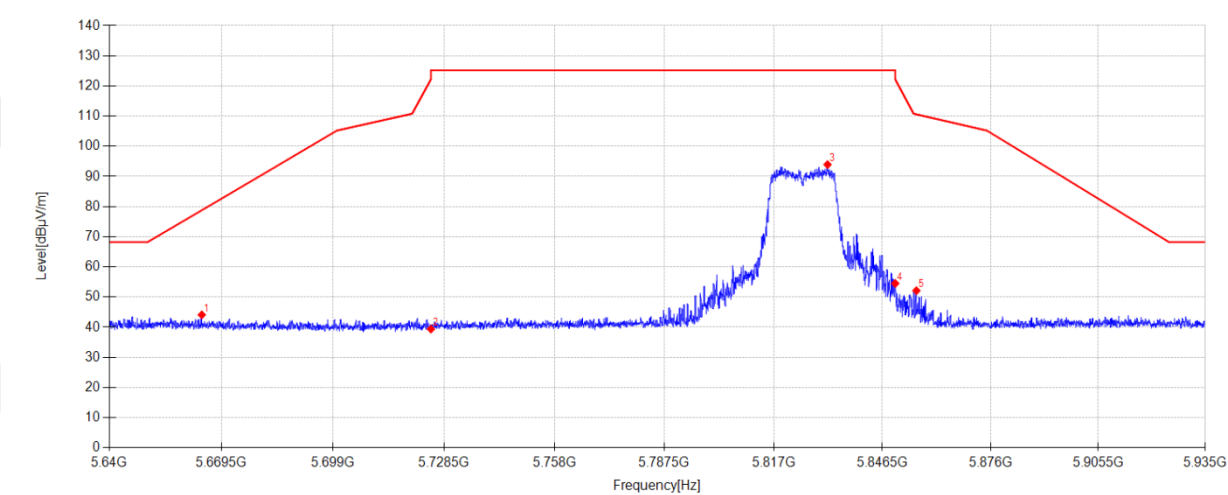
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\18

Memo:

Sample Number:S25120138-005;Power Setting:NA



| 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                   | 5664.308    | 45.14            | 33.39               | 5.24            | -39.67   | 44.10          | 78.79          | 34.69       | PK       | Vertical |
| 2                   | 5725.000    | 40.30            | 33.45               | 5.26            | -39.65   | 39.36          | 122.20         | 82.84       | PK       | Vertical |
| 3                   | 5831.603    | 94.36            | 33.90               | 5.30            | -39.63   | 93.93          | 125.20         | 31.27       | PK       | Vertical |
| 4                   | 5850.000    | 54.92            | 33.90               | 5.31            | -39.63   | 54.50          | 122.20         | 67.70       | PK       | Vertical |
| 5                   | 5855.763    | 52.48            | 33.95               | 5.31            | -39.63   | 52.11          | 110.59         | 58.48       | PK       | Vertical |

Note:

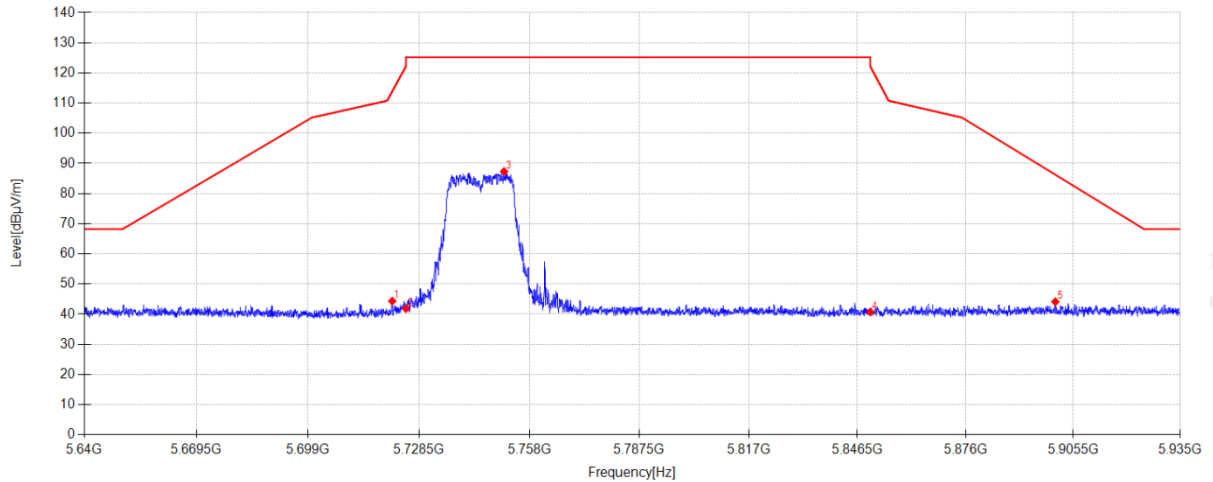
1. Level = Reading + Cable loss + Antenna Factor + AMP

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

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

## TR-4-E-009 Radiated Emission Test Result

**Test Date:** 2026-02-05 **Tested By:** Li Xiongbín  
**Test Mode:** 11AC20 5745MHz TX Mode **Power Supply:** DC 12V  
**Condition:** Temp:24.4°C;Humi:43.8% **Test Site:** DDT 3# Chamber  
**File Path:** d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\19  
**Memo:** Sample Number:S25120138-005;Power Setting:NA

**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   | 5721.361    | 45.34            | 33.40               | 5.26            | -39.66   | 44.34          | 113.90         | 69.56       | PK       | Horizontal |
| 2   | 5725.000    | 42.77            | 33.45               | 5.26            | -39.65   | 41.83          | 122.20         | 80.37       | PK       | Horizontal |
| 3   | 5751.186    | 87.90            | 33.80               | 5.27            | -39.65   | 87.32          | 125.20         | 37.88       | PK       | Horizontal |
| 4   | 5850.000    | 41.15            | 33.90               | 5.31            | -39.63   | 40.73          | 122.20         | 81.47       | PK       | Horizontal |
| 5   | 5900.603    | 44.11            | 34.30               | 5.33            | -39.62   | 44.12          | 86.25          | 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:

2026-02-05

Tested By:

Li Xiongbín

Test Mode:

11AC20 5745MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

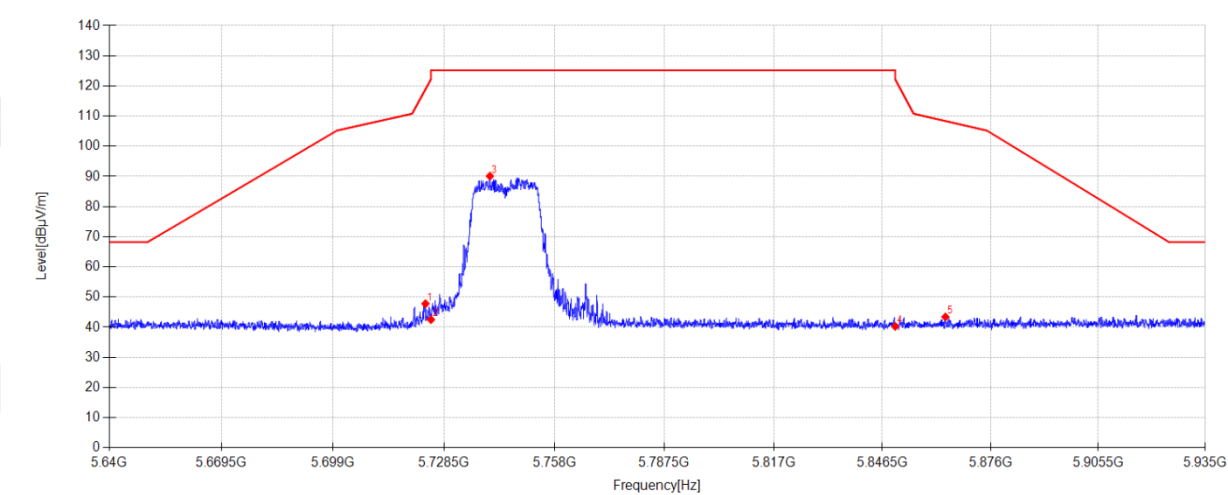
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\20

Memo:

Sample Number:S25120138-005;Power Setting:NA



| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |          |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.                 | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 5723.544    | 48.76            | 33.43               | 5.26            | -39.66   | 47.79          | 118.88         | 71.09       | PK       | Vertical |
| 2                   | 5725.000    | 43.44            | 33.45               | 5.26            | -39.65   | 42.50          | 122.20         | 79.70       | PK       | Vertical |
| 3                   | 5740.743    | 90.81            | 33.67               | 5.27            | -39.65   | 90.10          | 125.20         | 35.10       | PK       | Vertical |
| 4                   | 5850.000    | 40.68            | 33.90               | 5.31            | -39.63   | 40.26          | 122.20         | 81.94       | PK       | Vertical |
| 5                   | 5863.669    | 43.71            | 34.01               | 5.32            | -39.63   | 43.41          | 108.37         | 64.96       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-05

Tested By:

Li Xiongbin

Test Mode:

11AC20 5785MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

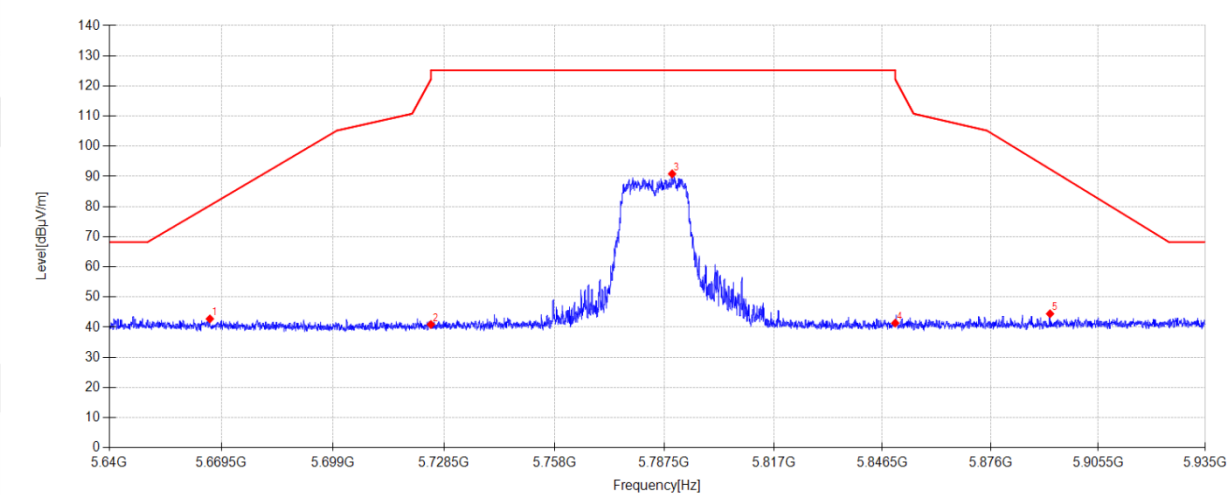
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\21

Memo:

Sample Number:S25120138-005;Power Setting:NA



| 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                   | 5666.432    | 43.82            | 33.37               | 5.24            | -39.67   | 42.76          | 80.36          | 37.60       | PK       | Horizontal |
| 2                   | 5725.000    | 41.85            | 33.45               | 5.26            | -39.65   | 40.91          | 122.20         | 81.29       | PK       | Horizontal |
| 3                   | 5789.595    | 91.32            | 33.88               | 5.29            | -39.64   | 90.85          | 125.20         | 34.35       | PK       | Horizontal |
| 4                   | 5850.000    | 41.77            | 33.90               | 5.31            | -39.63   | 41.35          | 122.20         | 80.85       | PK       | Horizontal |
| 5                   | 5892.284    | 44.51            | 34.24               | 5.33            | -39.62   | 44.46          | 92.41          | 47.95       | PK       | Horizontal |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-05

Tested By:

Li Xiongbín

Test Mode:

11AC20 5785MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

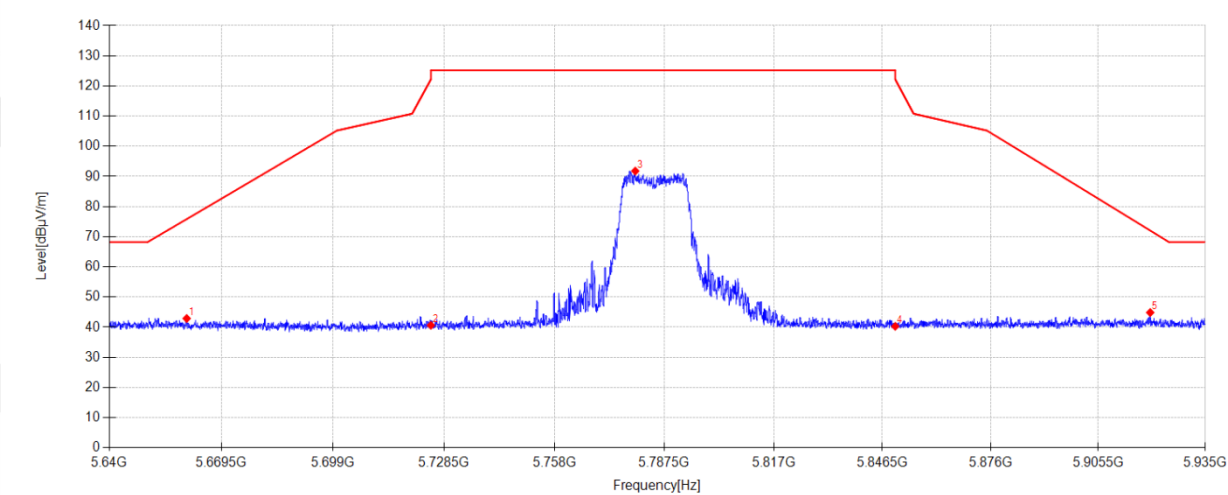
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\22

Memo:

Sample Number:S25120138-005;Power Setting:NA



| 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                   | 5660.326    | 43.91            | 33.42               | 5.23            | -39.67   | 42.89          | 75.84          | 32.95       | PK       | Vertical |
| 2                   | 5725.000    | 41.56            | 33.45               | 5.26            | -39.65   | 40.62          | 122.20         | 81.58       | PK       | Vertical |
| 3                   | 5779.683    | 92.28            | 33.86               | 5.28            | -39.64   | 91.78          | 125.20         | 33.42       | PK       | Vertical |
| 4                   | 5850.000    | 40.71            | 33.90               | 5.31            | -39.63   | 40.29          | 122.20         | 81.91       | PK       | Vertical |
| 5                   | 5919.808    | 44.80            | 34.34               | 5.34            | -39.62   | 44.86          | 72.04          | 27.18       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-05

Tested By:

Li Xiongbín

Test Mode:

11AC20 5825MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

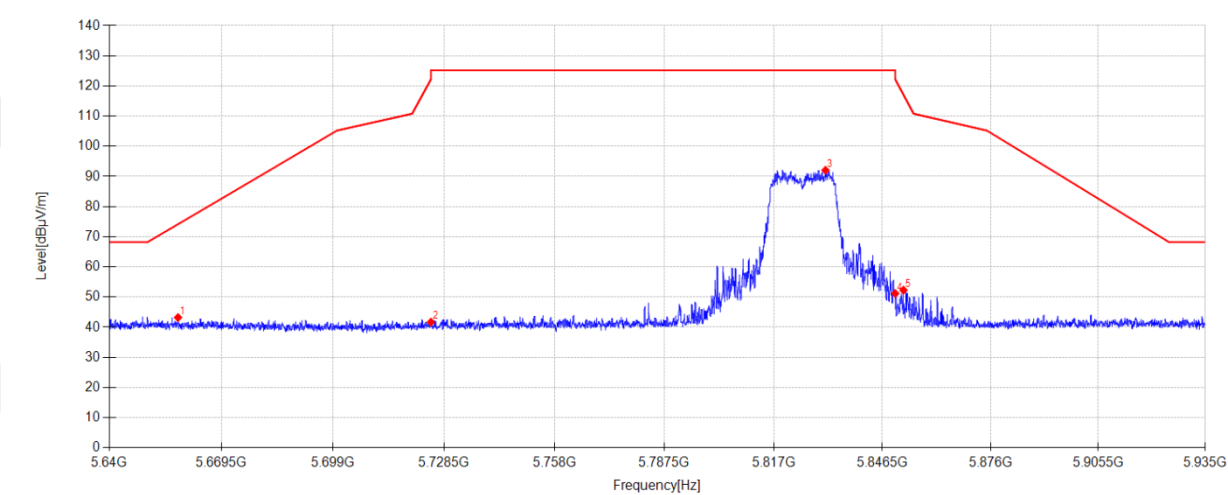
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\23

Memo:

Sample Number:S25120138-005;Power Setting:NA



| 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                   | 5658.054    | 44.21            | 33.44               | 5.23            | -39.67   | 43.21          | 74.16          | 30.95       | PK       | Horizontal |
| 2                   | 5725.000    | 42.63            | 33.45               | 5.26            | -39.65   | 41.69          | 122.20         | 80.51       | PK       | Horizontal |
| 3                   | 5831.042    | 92.48            | 33.90               | 5.30            | -39.63   | 92.05          | 125.20         | 33.15       | PK       | Horizontal |
| 4                   | 5850.000    | 51.59            | 33.90               | 5.31            | -39.63   | 51.17          | 122.20         | 71.03       | PK       | Horizontal |
| 5                   | 5852.253    | 52.69            | 33.92               | 5.31            | -39.63   | 52.29          | 117.06         | 64.77       | 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:

2026-02-05

Tested By:

Li Xiongbín

Test Mode:

11AC20 5825MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

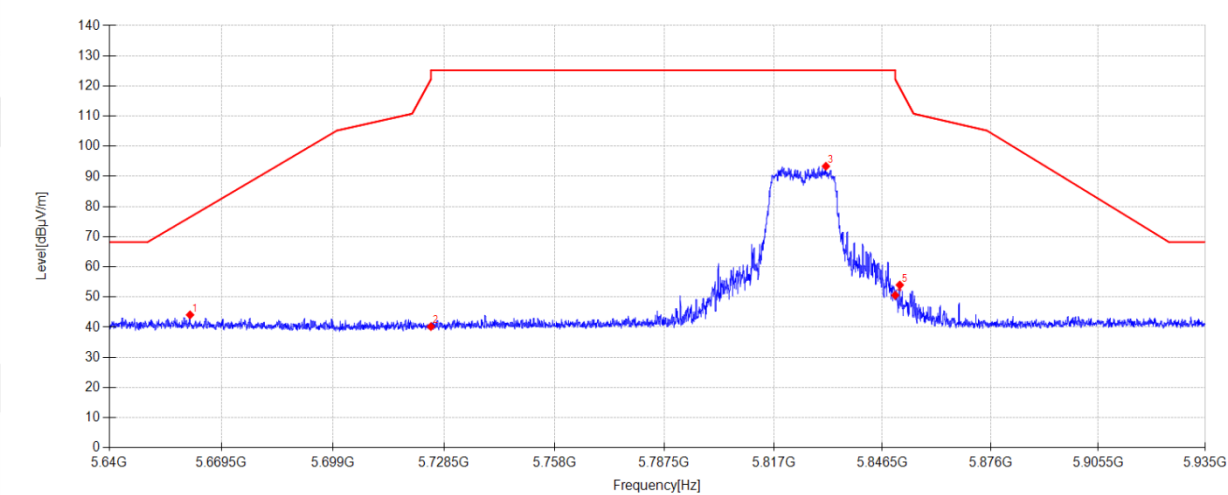
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\24

Memo:

Sample Number:S25120138-005;Power Setting:NA



| 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                   | 5661.211    | 45.11            | 33.41               | 5.23            | -39.67   | 44.08          | 76.50          | 32.42       | PK       | Vertical |
| 2                   | 5725.000    | 41.14            | 33.45               | 5.26            | -39.65   | 40.20          | 122.20         | 82.00       | PK       | Vertical |
| 3                   | 5831.160    | 93.81            | 33.90               | 5.30            | -39.63   | 93.38          | 125.20         | 31.82       | PK       | Vertical |
| 4                   | 5850.000    | 51.00            | 33.90               | 5.31            | -39.63   | 50.58          | 122.20         | 71.62       | PK       | Vertical |
| 5                   | 5851.250    | 54.40            | 33.91               | 5.31            | -39.63   | 53.99          | 119.35         | 65.36       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-05

Tested By:

Li Xiongbín

Test Mode:

11N40 5755MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

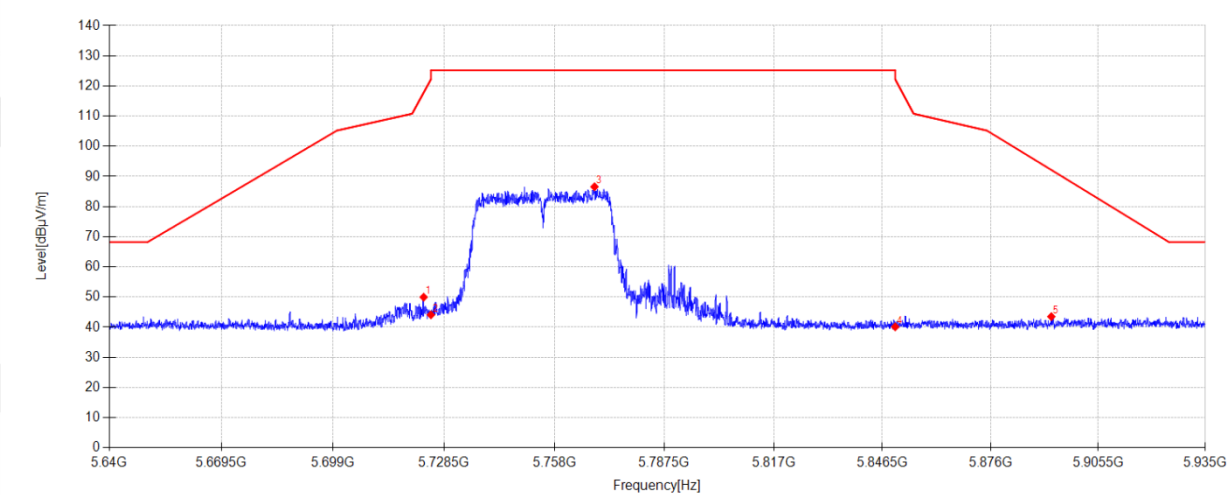
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\25

Memo:

Sample Number:S25120138-005;Power Setting:NA



| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |            |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.                 | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1                   | 5723.072    | 50.94            | 33.42               | 5.26            | -39.66   | 49.96          | 117.80         | 67.84       | PK       | Horizontal |
| 2                   | 5725.000    | 45.03            | 33.45               | 5.26            | -39.65   | 44.09          | 122.20         | 78.11       | PK       | Horizontal |
| 3                   | 5768.738    | 87.10            | 33.84               | 5.28            | -39.65   | 86.57          | 125.20         | 38.63       | PK       | Horizontal |
| 4                   | 5850.000    | 40.54            | 33.90               | 5.31            | -39.63   | 40.12          | 122.20         | 82.08       | PK       | Horizontal |
| 5                   | 5892.638    | 43.56            | 34.24               | 5.33            | -39.62   | 43.51          | 92.15          | 48.64       | 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:

2026-02-05

Tested By:

Li Xiongbín

Test Mode:

11N40 5755MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

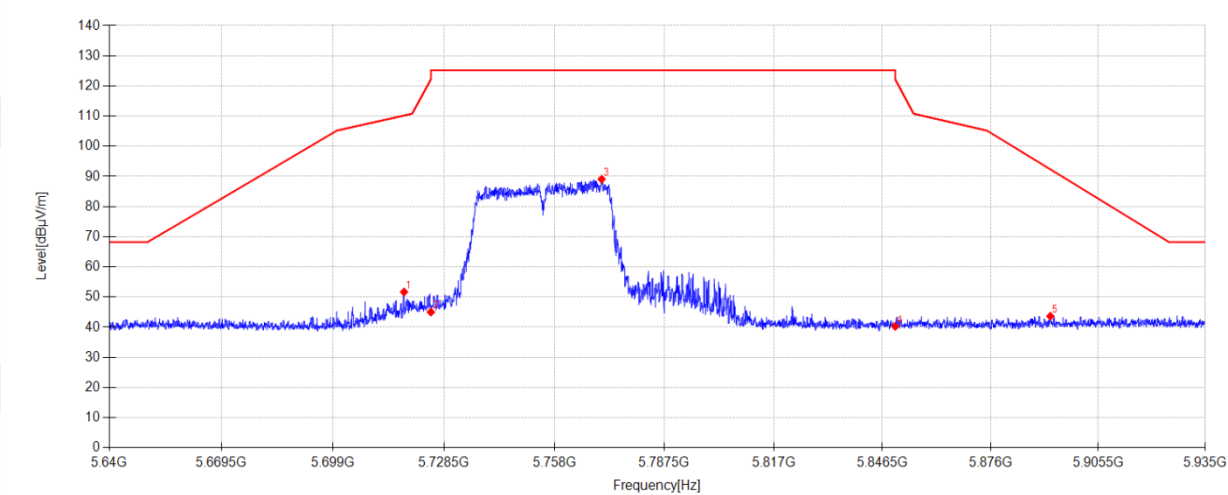
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\26

Memo:

Sample Number:S25120138-005;Power Setting:NA



| 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                   | 5717.851    | 52.72            | 33.35               | 5.26            | -39.66   | 51.67          | 110.20         | 58.53       | PK       | Vertical |
| 2                   | 5725.000    | 45.94            | 33.45               | 5.26            | -39.65   | 45.00          | 122.20         | 77.20       | PK       | Vertical |
| 3                   | 5770.656    | 89.61            | 33.84               | 5.28            | -39.65   | 89.08          | 125.20         | 36.12       | PK       | Vertical |
| 4                   | 5850.000    | 40.70            | 33.90               | 5.31            | -39.63   | 40.28          | 122.20         | 81.92       | PK       | Vertical |
| 5                   | 5892.373    | 43.68            | 34.24               | 5.33            | -39.62   | 43.63          | 92.34          | 48.71       | PK       | Vertical |

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-05

Tested By:

Li Xiongbin

Test Mode:

11N40 5795MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

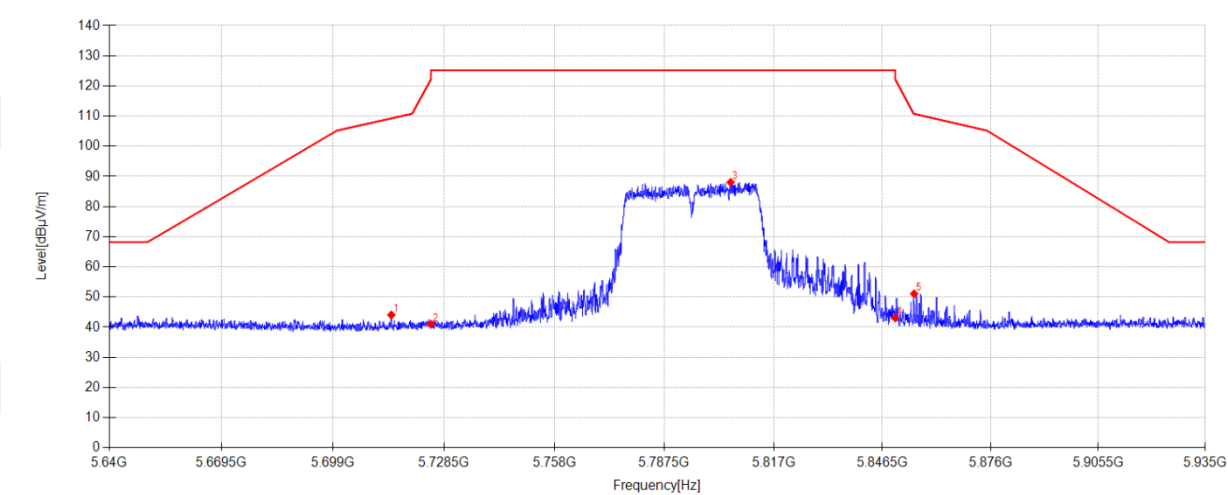
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\27

Memo:

Sample Number:S25120138-005;Power Setting:NA



| 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                   | 5714.488    | 45.16            | 33.30               | 5.26            | -39.66   | 44.06          | 109.26         | 65.20       | PK       | Horizontal |
| 2                   | 5725.000    | 41.93            | 33.45               | 5.26            | -39.65   | 40.99          | 122.20         | 81.21       | PK       | Horizontal |
| 3                   | 5805.377    | 88.50            | 33.90               | 5.29            | -39.64   | 88.05          | 125.20         | 37.15       | PK       | Horizontal |
| 4                   | 5850.000    | 43.49            | 33.90               | 5.31            | -39.63   | 43.07          | 122.20         | 79.13       | PK       | Horizontal |
| 5                   | 5855.144    | 51.46            | 33.94               | 5.31            | -39.63   | 51.08          | 110.76         | 59.68       | 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:

2026-02-05

Tested By:

Li Xiongbin

Test Mode:

11N40 5795MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

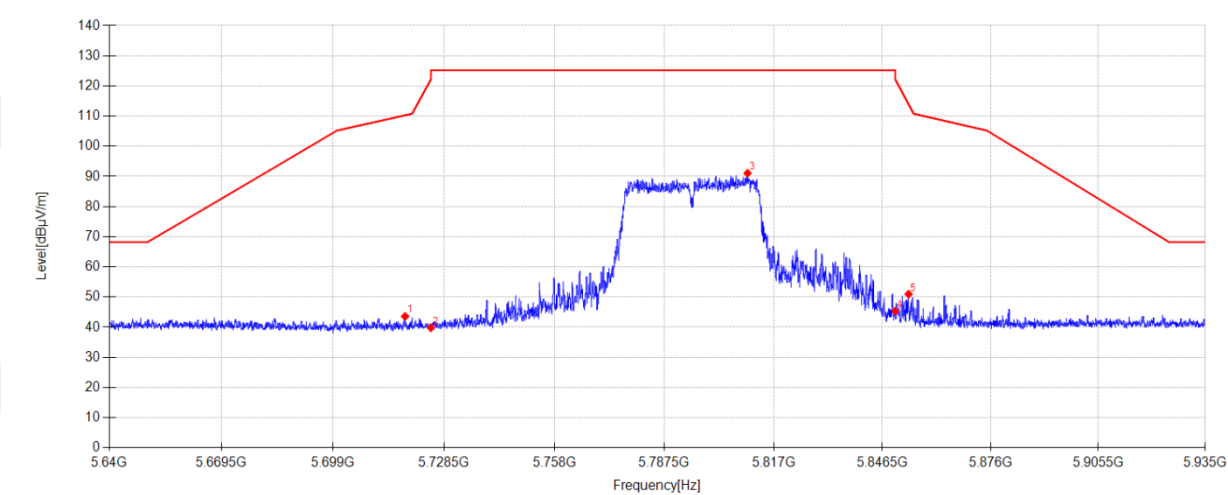
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\28

Memo:

Sample Number:S25120138-005;Power Setting:NA



| 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                   | 5718.116    | 44.63            | 33.35               | 5.26            | -39.66   | 43.58          | 110.27         | 66.69       | PK       | Vertical |
| 2                   | 5725.000    | 40.73            | 33.45               | 5.26            | -39.65   | 39.79          | 122.20         | 82.41       | PK       | Vertical |
| 3                   | 5809.950    | 91.50            | 33.90               | 5.29            | -39.64   | 91.05          | 125.20         | 34.15       | PK       | Vertical |
| 4                   | 5850.000    | 45.75            | 33.90               | 5.31            | -39.63   | 45.33          | 122.20         | 76.87       | PK       | Vertical |
| 5                   | 5853.639    | 51.34            | 33.93               | 5.31            | -39.63   | 50.95          | 113.90         | 62.95       | PK       | Vertical |

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-05

Tested By:

Li Xiongbín

Test Mode:

11AC40 5755MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

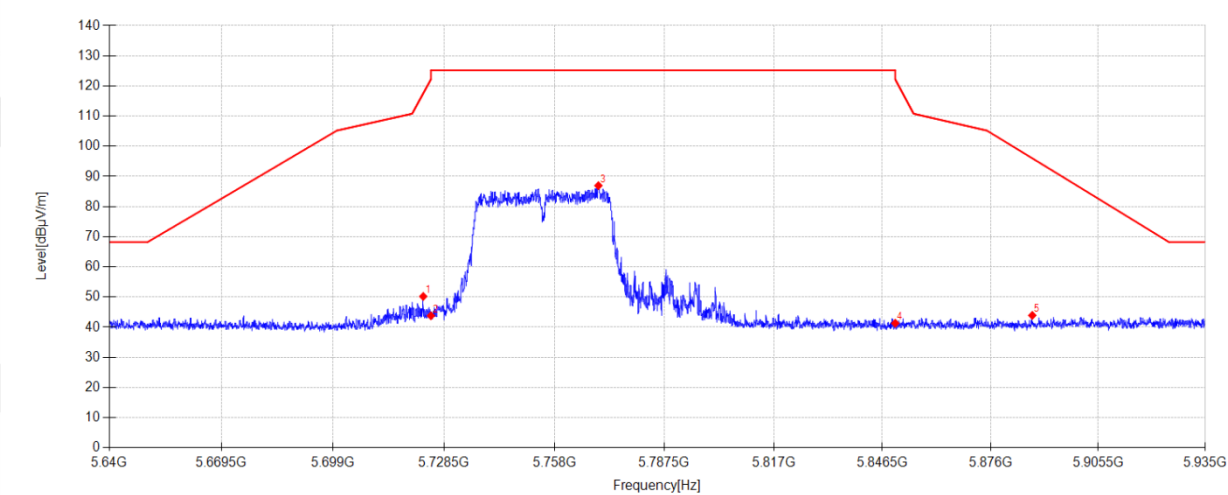
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\29

Memo:

Sample Number:S25120138-005;Power Setting:NA



| 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                   | 5722.954    | 51.17            | 33.42               | 5.26            | -39.66   | 50.19          | 117.54         | 67.35       | PK       | Horizontal |
| 2                   | 5725.000    | 44.72            | 33.45               | 5.26            | -39.65   | 43.78          | 122.20         | 78.42       | PK       | Horizontal |
| 3                   | 5769.771    | 87.46            | 33.84               | 5.28            | -39.65   | 86.93          | 125.20         | 38.27       | PK       | Horizontal |
| 4                   | 5850.000    | 41.73            | 33.90               | 5.31            | -39.63   | 41.31          | 122.20         | 80.89       | PK       | Horizontal |
| 5                   | 5887.417    | 44.01            | 34.20               | 5.32            | -39.62   | 43.91          | 96.01          | 52.10       | 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:

2026-02-05

Tested By:

Li Xiongbín

Test Mode:

11AC40 5755MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

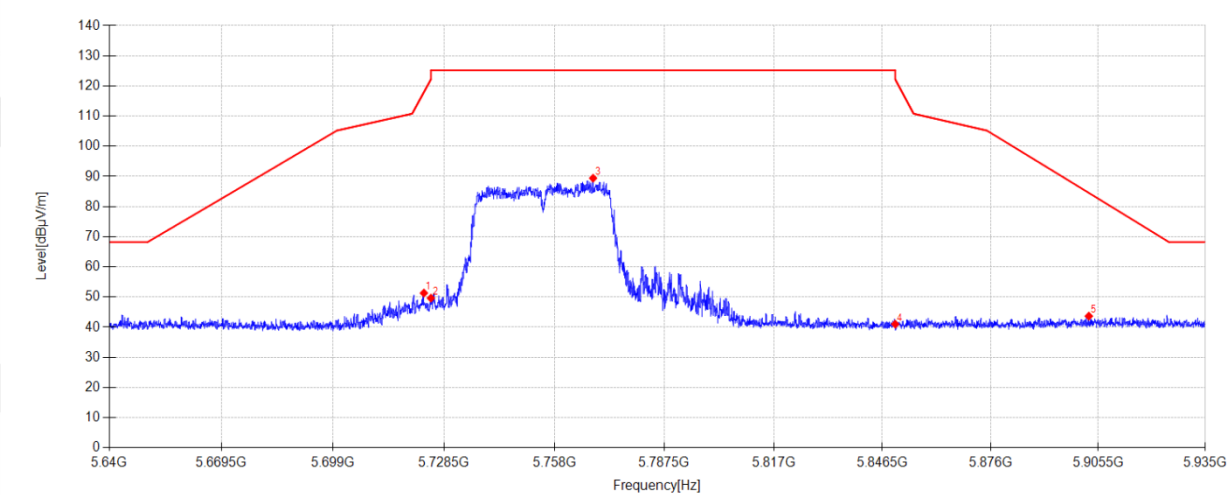
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\30

Memo:

Sample Number:S25120138-005;Power Setting:NA



| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |          |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.                 | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 5723.131    | 52.29            | 33.42               | 5.26            | -39.66   | 51.31          | 117.94         | 66.63       | PK       | Vertical |
| 2                   | 5725.000    | 50.58            | 33.45               | 5.26            | -39.65   | 49.64          | 122.20         | 72.56       | PK       | Vertical |
| 3                   | 5768.355    | 89.94            | 33.84               | 5.28            | -39.65   | 89.41          | 125.20         | 35.79       | PK       | Vertical |
| 4                   | 5850.000    | 41.44            | 33.90               | 5.31            | -39.63   | 41.02          | 122.20         | 81.18       | PK       | Vertical |
| 5                   | 5902.934    | 43.65            | 34.31               | 5.33            | -39.62   | 43.67          | 84.53          | 40.86       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-05

Tested By:

Li Xiongbín

Test Mode:

11AC40 5795MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

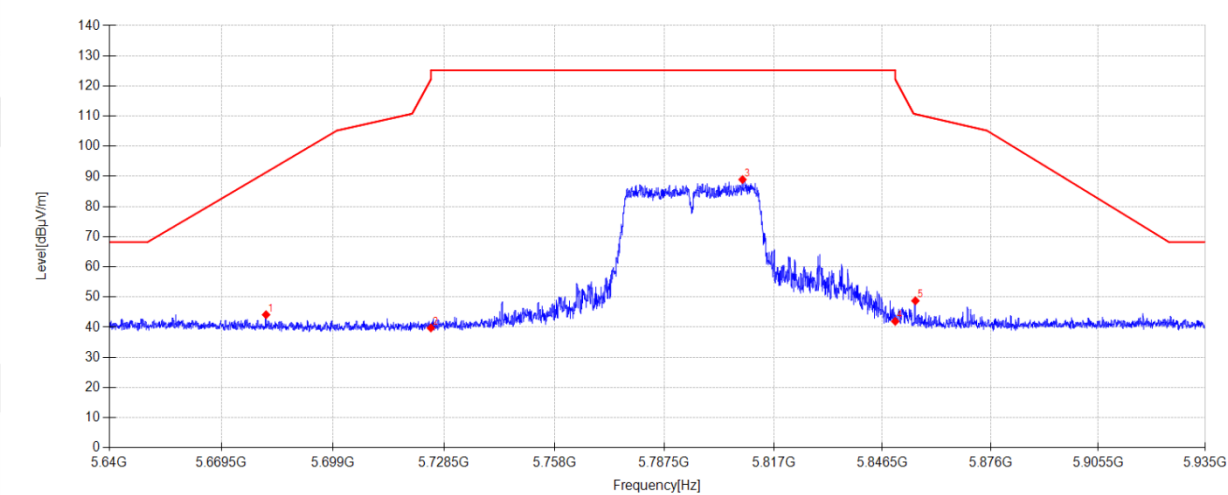
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\31

Memo:

Sample Number:S25120138-005;Power Setting:NA



| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |            |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.                 | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1                   | 5681.271    | 45.30            | 33.25               | 5.24            | -39.66   | 44.13          | 91.34          | 47.21       | PK       | Horizontal |
| 2                   | 5725.000    | 40.68            | 33.45               | 5.26            | -39.65   | 39.74          | 122.20         | 82.46       | PK       | Horizontal |
| 3                   | 5808.593    | 89.40            | 33.90               | 5.29            | -39.64   | 88.95          | 125.20         | 36.25       | PK       | Horizontal |
| 4                   | 5850.000    | 42.36            | 33.90               | 5.31            | -39.63   | 41.94          | 122.20         | 80.26       | PK       | Horizontal |
| 5                   | 5855.498    | 49.13            | 33.94               | 5.31            | -39.63   | 48.75          | 110.66         | 61.91       | 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:

2026-02-05

Tested By:

Li Xiongbin

Test Mode:

11AC40 5795MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

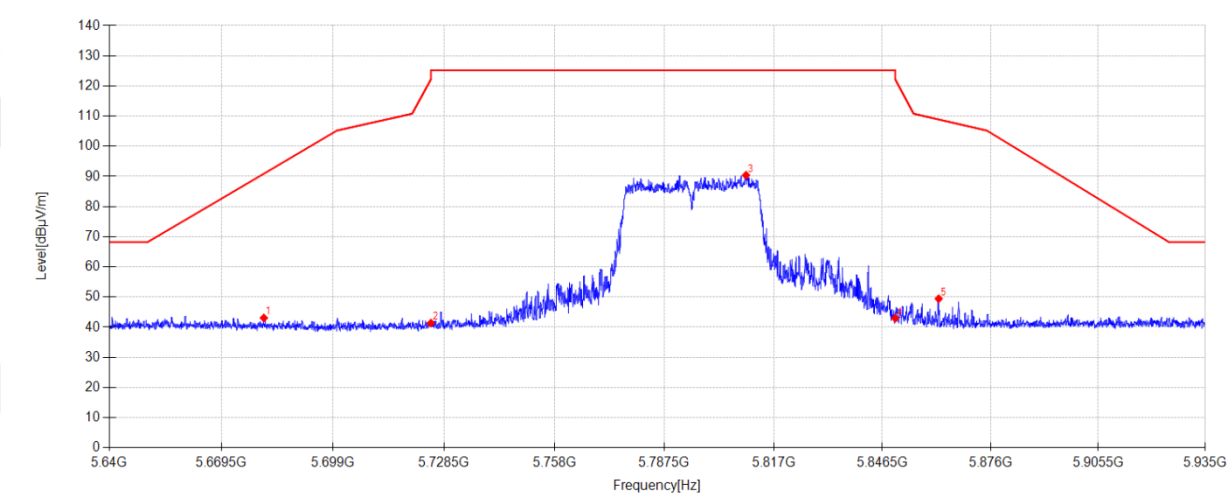
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\32

Memo:

Sample Number:S25120138-005;Power Setting:NA



| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |          |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|----------|
| NO.                 | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity |
| 1                   | 5680.681    | 44.23            | 33.25               | 5.24            | -39.66   | 43.06          | 90.90          | 47.84       | PK       | Vertical |
| 2                   | 5725.000    | 42.31            | 33.45               | 5.26            | -39.65   | 41.37          | 122.20         | 80.83       | PK       | Vertical |
| 3                   | 5809.537    | 90.85            | 33.90               | 5.29            | -39.64   | 90.40          | 125.20         | 34.80       | PK       | Vertical |
| 4                   | 5850.000    | 43.37            | 33.90               | 5.31            | -39.63   | 42.95          | 122.20         | 79.25       | PK       | Vertical |
| 5                   | 5861.840    | 49.77            | 33.99               | 5.31            | -39.63   | 49.44          | 108.88         | 59.44       | PK       | Vertical |

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-02-05

Tested By:

Li Xiongbín

Test Mode:

11AC80 5775MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

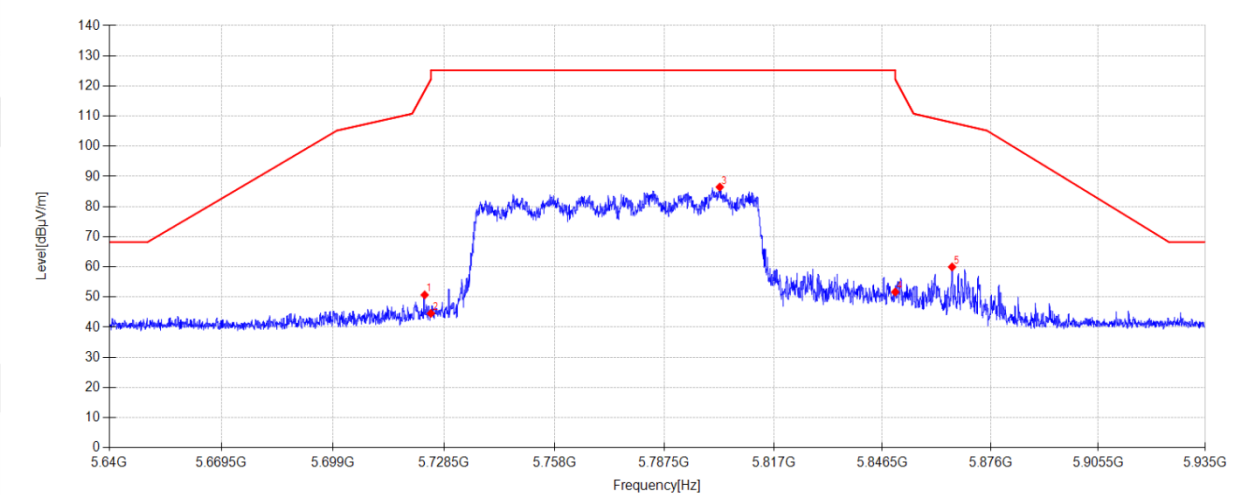
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\33

Memo:

Sample Number:S25120138-005;Power Setting:NA



| Suspected Data List |             |                  |                     |                 |          |                |                |             |          |            |
|---------------------|-------------|------------------|---------------------|-----------------|----------|----------------|----------------|-------------|----------|------------|
| NO.                 | Freq. [MHz] | Reading [dBμV/m] | Antenna Factor [dB] | Cable loss [dB] | AMP [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detector | Polarity   |
| 1                   | 5723.338    | 51.66            | 33.43               | 5.26            | -39.66   | 50.69          | 118.41         | 67.72       | PK       | Horizontal |
| 2                   | 5725.000    | 45.51            | 33.45               | 5.26            | -39.65   | 44.57          | 122.20         | 77.63       | PK       | Horizontal |
| 3                   | 5802.457    | 86.91            | 33.90               | 5.29            | -39.64   | 86.46          | 125.20         | 38.74       | PK       | Horizontal |
| 4                   | 5850.000    | 52.10            | 33.90               | 5.31            | -39.63   | 51.68          | 122.20         | 70.52       | PK       | Horizontal |
| 5                   | 5865.498    | 60.26            | 34.02               | 5.32            | -39.63   | 59.97          | 107.86         | 47.89       | 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:

2026-02-05

Tested By:

Li Xiongbín

Test Mode:

11AC80 5775MHz TX Mode

Power Supply:

DC 12V

Condition:

Temp:24.4°C;Humi:43.8%

Test Site:

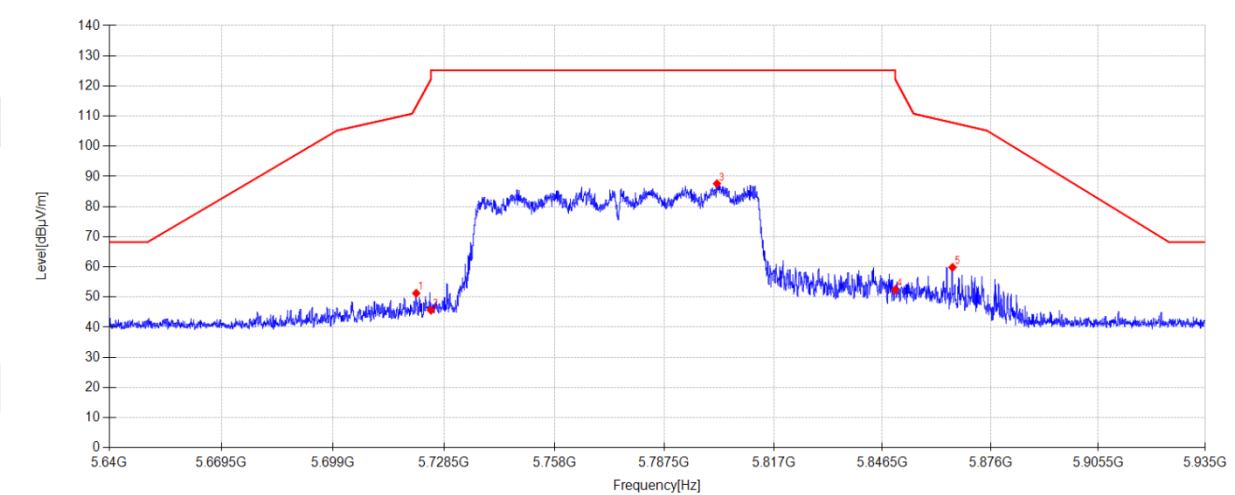
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25120138-2E\FCC Above 1G 5.8G\34

Memo:

Sample Number:S25120138-005;Power Setting:NA



| 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                   | 5721.096    | 52.25            | 33.40               | 5.26            | -39.66   | 51.25          | 113.30         | 62.05       | PK       | Vertical |
| 2                   | 5725.000    | 46.55            | 33.45               | 5.26            | -39.65   | 45.61          | 122.20         | 76.59       | PK       | Vertical |
| 3                   | 5801.690    | 88.05            | 33.90               | 5.29            | -39.64   | 87.60          | 125.20         | 37.60       | PK       | Vertical |
| 4                   | 5850.000    | 52.83            | 33.90               | 5.31            | -39.63   | 52.41          | 122.20         | 69.79       | PK       | Vertical |
| 5                   | 5865.616    | 60.13            | 34.02               | 5.32            | -39.63   | 59.84          | 107.83         | 47.99       | PK       | Vertical |

Note:

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

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

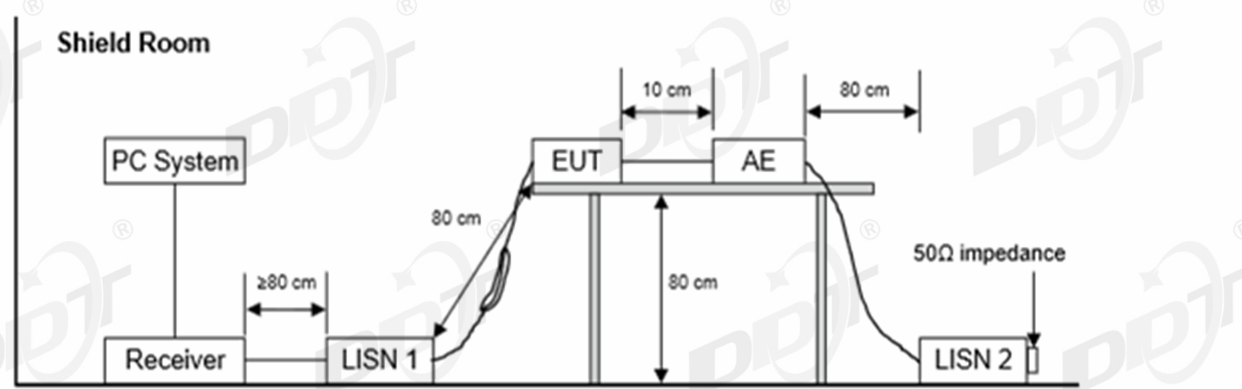
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

15. Power Line Conducted Emissions

15.1. Test equipment

| Equipment | Manufacturer | Model No. | Serial No. | Cal Due To |
|-----------|--------------|-----------|------------|------------|
| /         | /            | /         | /          | /          |

15.2. Block diagram of test setup



15.3. Limits

| Frequency       | Quasi-Peak Level<br>dB(uV) | Average Level<br>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.

15.4. Assistant equipment used for test

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

### 15.5. 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.

### 15.6. Test result

Not applicable. The product is DC powered.

## 17. Photos of the EUT

Please refer to DDT-Q25120138-1E appendix I

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