

- (7) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3 MHz for Peak measure; According ANSI C63.10 clause 4.1.5.2.2 procedure for average measure.
- (8) For portable device, X axis, Y axis, Z axis are tested, and worse setup is reported.
- (9) According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz and 18 GHz to 25 GHz, so the final test was performed with frequency range from 30 MHz to 18 GHz and recorded in below.
- (10) For 30 MHz ~ 25 GHz: (Scan with all mode, the worst case is reported)
- (11) For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with EUT working in worst mode.

12.6. Test result

PASS. (See below detailed test result)

12.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-03-12

Tested By:

Cao Jie

Test Mode:

TX SRD 1M 2402MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.7°C;Humi:51.4%

Test Site:

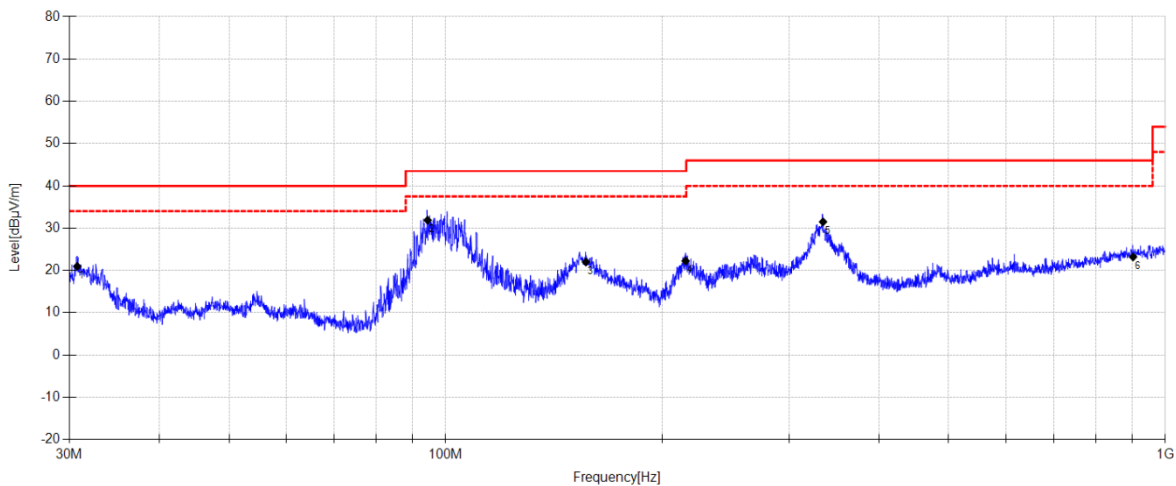
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC BELOW 1G\9

Memo:

Sample Number:S26012730-003



Final Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	30.767	39.12	10.35	3.79	20.96	40.00	19.04	QP	Horizontal
2	94.407	49.64	10.26	4.27	31.87	43.50	11.63	QP	Horizontal
3	156.626	41.59	8.14	4.63	22.00	43.50	21.50	QP	Horizontal
4	215.485	38.41	11.29	4.94	22.24	43.50	21.26	QP	Horizontal
5	334.463	44.18	14.31	5.43	31.49	46.00	14.51	QP	Horizontal
6	902.062	25.91	22.06	7.12	23.20	46.00	22.80	QP	Horizontal

Note:

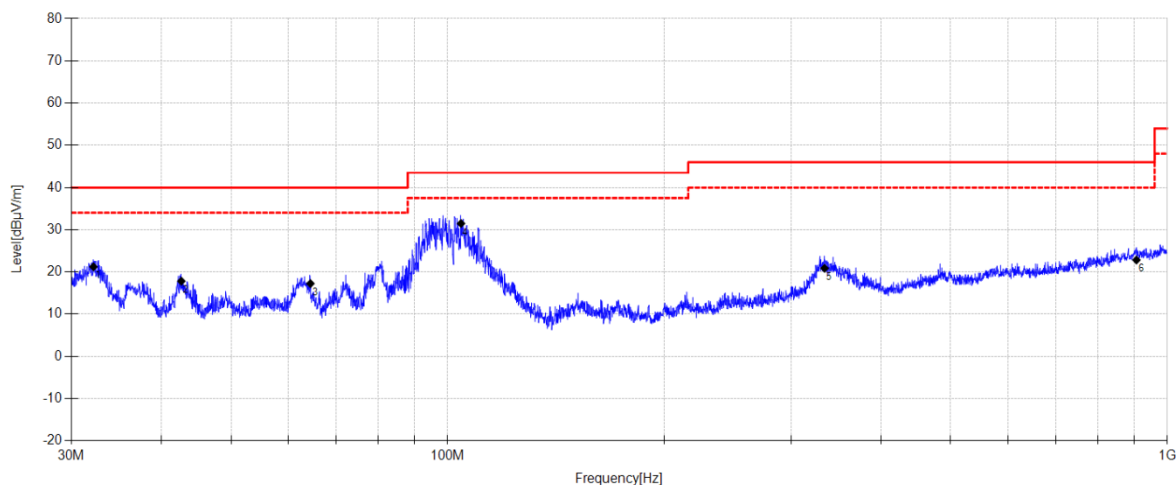
1. Result Level = Reading + Cable loss + Antenna Factor + AMP

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

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-03-12 **Tested By:** Cao Jie
Test Mode: TX SRD 1M 2402MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.7°C;Humi:51.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26012730-2E\FCC BELOW 1G\10
Memo: Sample Number:S26012730-003

**Final Data List**

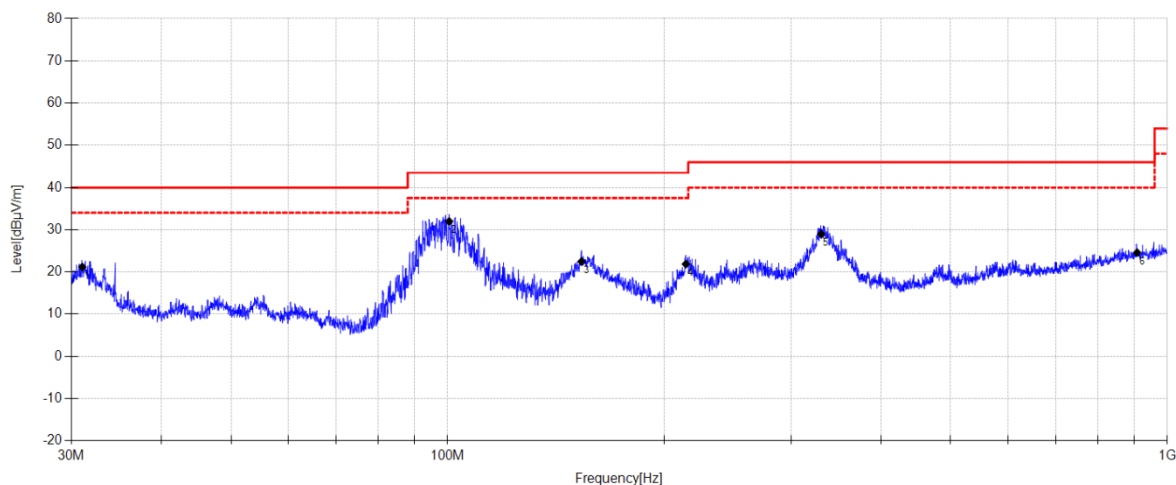
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	32.202	38.81	10.90	3.81	21.22	40.00	18.78	QP	Vertical
2	42.657	32.68	13.49	3.94	17.81	40.00	22.19	QP	Vertical
3	64.468	33.28	12.15	4.11	17.24	40.00	22.76	QP	Vertical
4	104.364	48.48	10.96	4.33	31.47	43.50	12.03	QP	Vertical
5	333.994	33.54	14.32	5.43	20.86	46.00	25.14	QP	Vertical
6	905.865	25.31	22.25	7.12	22.82	46.00	23.18	QP	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-03-12 **Tested By:** Cao Jie
Test Mode: TX SRD 2M 2404MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.7°C;Humi:51.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26012730-2E\FCC BELOW 1G\11
Memo: Sample Number:S26012730-003

**Final Data List**

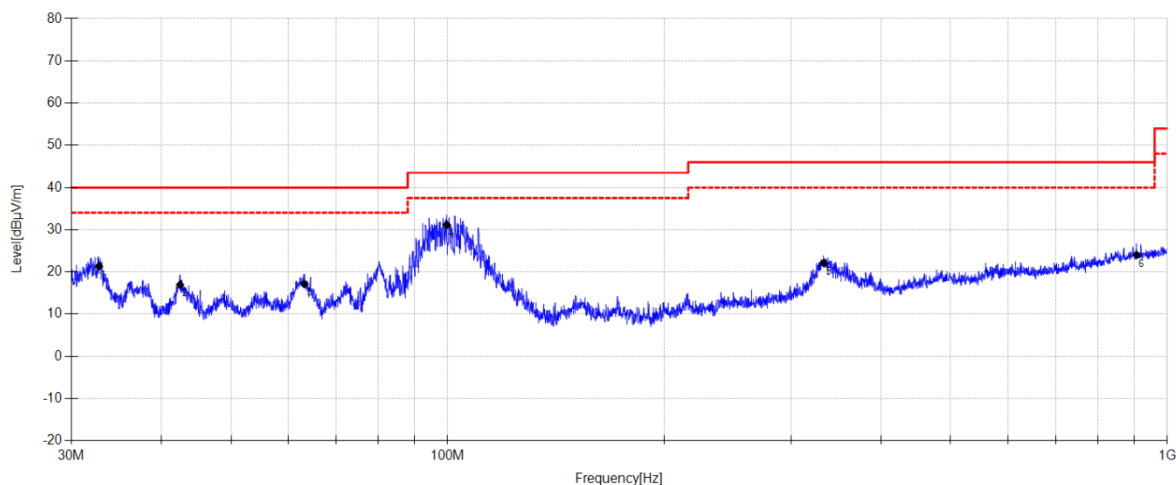
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	31.070	39.33	10.34	3.79	21.16	40.00	18.84	QP	Horizontal
2	100.486	48.94	11.03	4.30	31.97	43.50	11.53	QP	Horizontal
3	153.473	41.37	8.83	4.61	22.46	43.50	21.04	QP	Horizontal
4	214.280	38.12	11.20	4.94	21.86	43.50	21.64	QP	Horizontal
5	330.500	41.57	14.39	5.41	28.94	46.00	17.06	QP	Horizontal
6	907.772	27.16	22.13	7.13	24.57	46.00	21.43	QP	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2026-03-12 **Tested By:** Cao Jie
Test Mode: TX SRD 2M 2404MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.7°C;Humi:51.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2026 report data\Q26012730-2E\FCC BELOW 1G\12
Memo: Sample Number:S26012730-003

**Final Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	32.771	38.91	10.90	3.82	21.33	40.00	18.67	QP	Vertical
2	42.478	31.94	13.39	3.93	16.96	40.00	23.04	QP	Vertical
3	63.259	32.99	12.35	4.10	17.14	40.00	22.86	QP	Vertical
4	99.784	47.29	11.87	4.30	31.16	43.50	12.34	QP	Vertical
5	333.292	34.74	14.33	5.42	22.06	46.00	23.94	QP	Vertical
6	906.500	26.54	22.21	7.13	24.02	46.00	21.98	QP	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-03-27

Tested By:

Li Xiongbín

Test Mode:

TX SRD 1M 2402MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

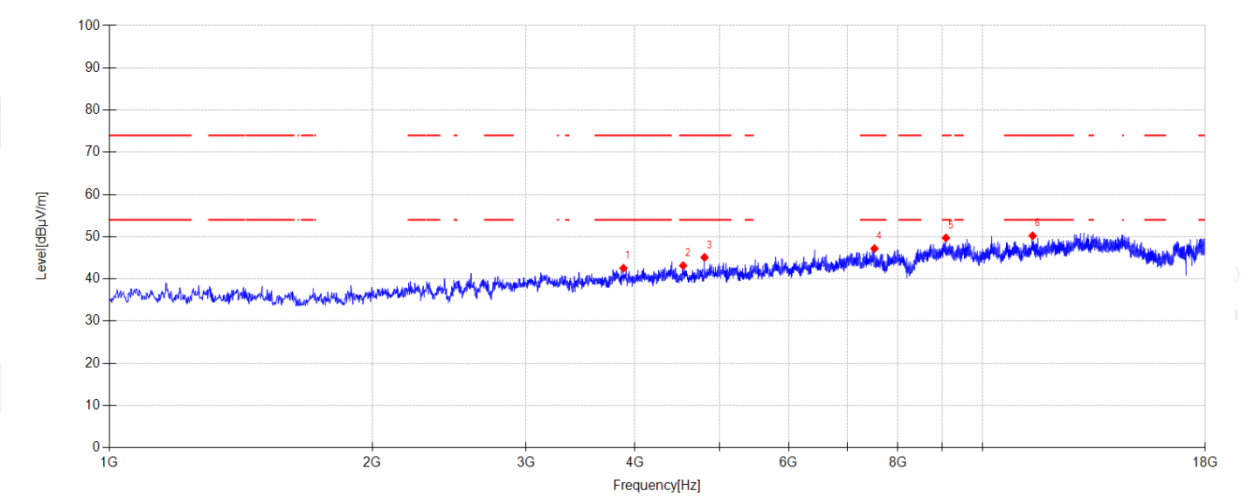
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\111

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3879.800	46.98	30.66	4.55	-39.65	42.54	74.00	31.46	PK	Horizontal
2	4541.100	46.01	31.96	4.94	-39.75	43.16	74.00	30.84	PK	Horizontal
3	4804.600	47.60	32.17	5.12	-39.78	45.11	74.00	28.89	PK	Horizontal
4	7521.200	44.65	36.60	5.80	-39.85	47.20	74.00	26.80	PK	Horizontal
5	9081.800	43.29	38.33	6.79	-38.69	49.72	74.00	24.28	PK	Horizontal
6	11415.900	42.59	39.64	7.58	-39.60	50.21	74.00	23.79	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-03-27

Tested By:

Li Xiongbín

Test Mode:

TX SRD 1M 2402MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

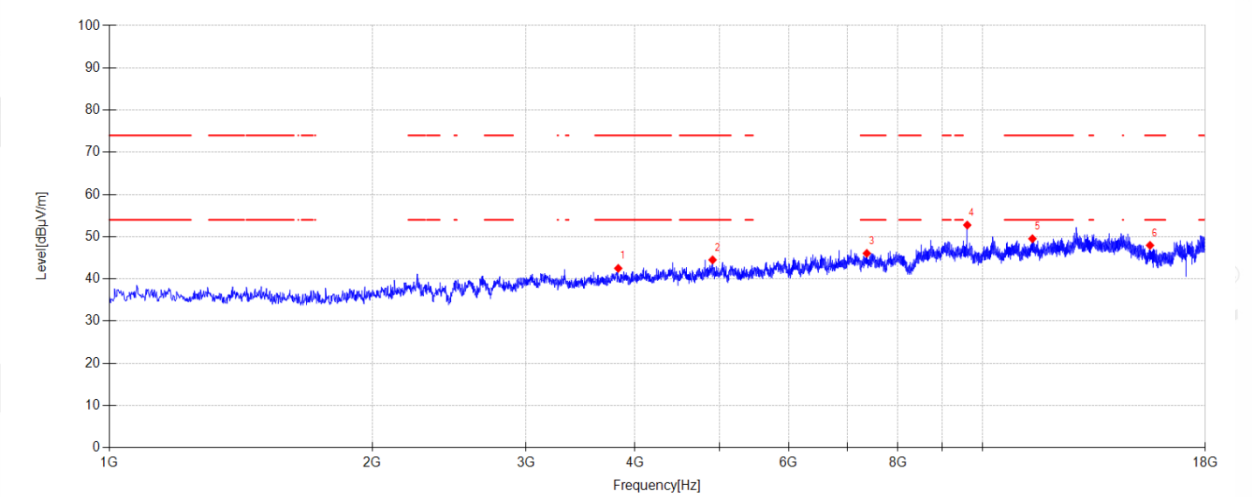
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\112

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3827.100	47.02	30.57	4.55	-39.63	42.51	74.00	31.49	PK	Vertical
2	4908.300	46.01	33.10	5.19	-39.79	44.51	74.00	29.49	PK	Vertical
3	7371.600	43.30	36.87	5.75	-39.86	46.06	74.00	27.94	PK	Vertical
4	9607.100	47.18	38.13	6.72	-39.27	52.76	-	-	PK	Vertical
5	11409.100	41.84	39.71	7.57	-39.60	49.52	74.00	24.48	PK	Vertical
6	15557.100	39.84	38.79	8.43	-39.11	47.95	74.00	26.05	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:

2026-03-27

Tested By:

Li Xiongbín

Test Mode:

TX SRD 1M 2440MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

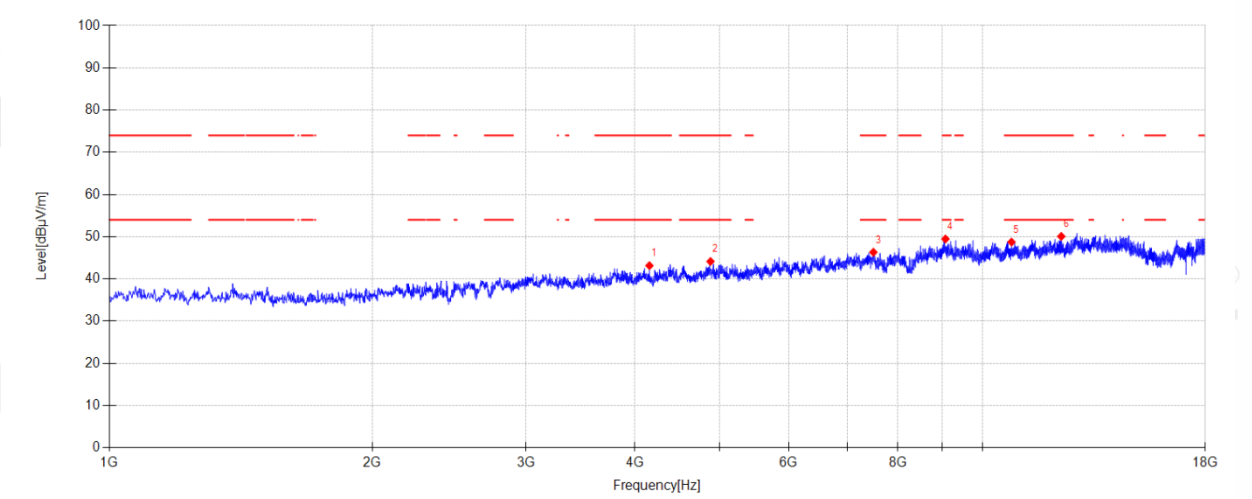
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\113

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4155.200	46.74	31.45	4.68	-39.72	43.15	74.00	30.85	PK	Horizontal
2	4881.100	45.74	33.02	5.17	-39.79	44.14	74.00	29.86	PK	Horizontal
3	7500.800	43.48	36.89	5.80	-39.85	46.32	74.00	27.68	PK	Horizontal
4	9069.900	42.82	38.54	6.79	-38.68	49.47	74.00	24.53	PK	Horizontal
5	10797.100	42.09	39.01	7.26	-39.62	48.74	74.00	25.26	PK	Horizontal
6	12311.800	42.26	39.36	7.81	-39.35	50.08	74.00	23.92	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:

2026-03-27

Tested By:

Li Xiongbín

Test Mode:

TX SRD 1M 2440MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

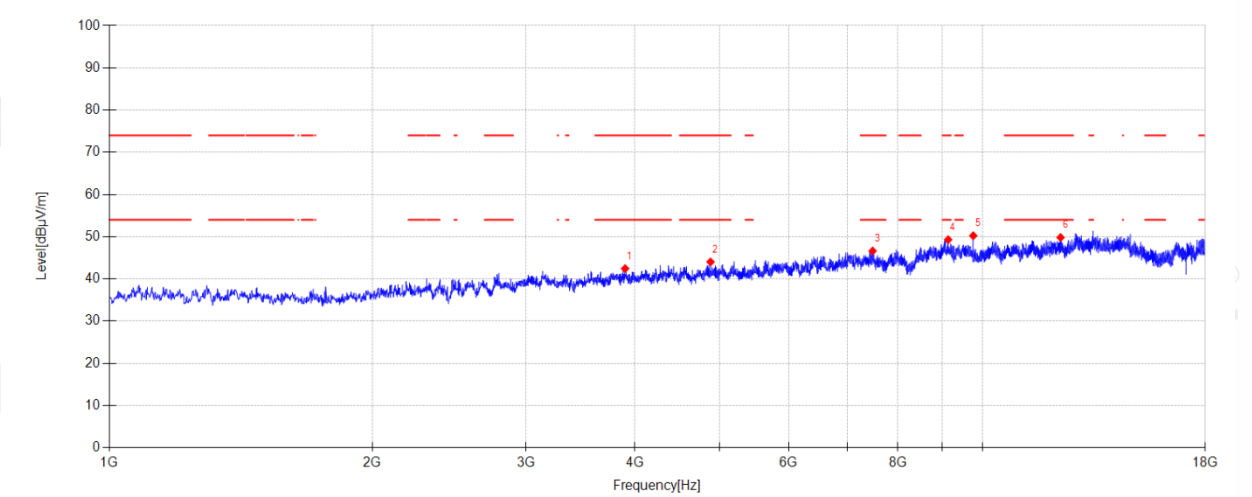
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\114

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3896.800	46.69	30.86	4.56	-39.66	42.45	74.00	31.55	PK	Vertical
2	4881.100	45.63	33.02	5.17	-39.79	44.03	74.00	29.97	PK	Vertical
3	7485.500	43.88	36.81	5.79	-39.85	46.63	74.00	27.37	PK	Vertical
4	9136.200	42.56	38.72	6.78	-38.75	49.31	74.00	24.69	PK	Vertical
5	9760.100	45.00	37.98	6.70	-39.44	50.24	-	-	PK	Vertical
6	12288.000	42.00	39.38	7.81	-39.37	49.82	74.00	24.18	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:

2026-03-27

Tested By:

Li Xiongbín

Test Mode:

TX SRD 1M 2480MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

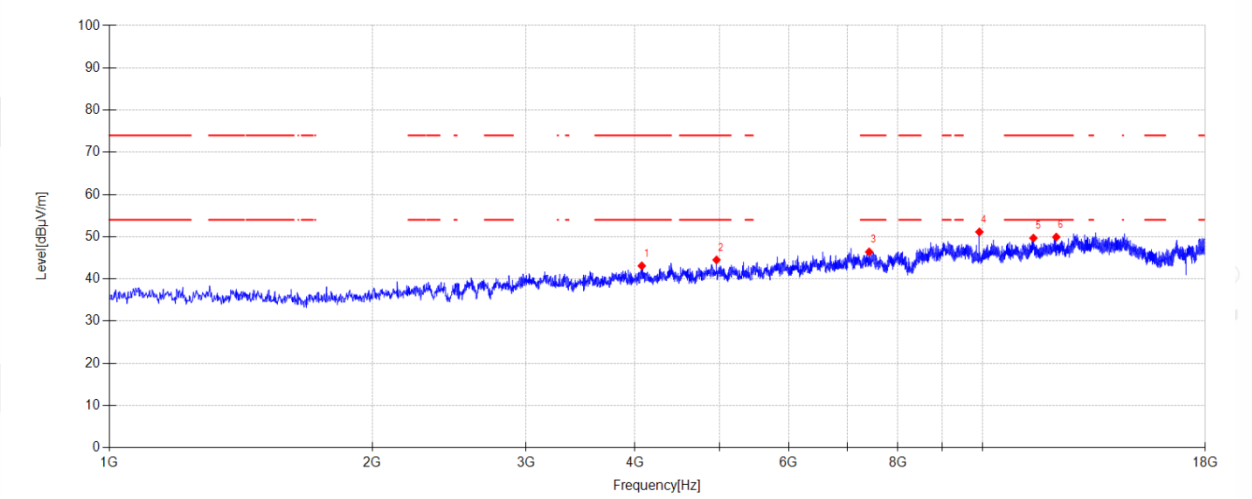
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\115

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4071.900	47.02	31.16	4.62	-39.71	43.09	74.00	30.91	PK	Horizontal
2	4959.300	46.00	33.08	5.22	-39.80	44.50	74.00	29.50	PK	Horizontal
3	7417.500	43.83	36.67	5.77	-39.86	46.41	74.00	27.59	PK	Horizontal
4	9919.900	45.72	38.34	6.68	-39.61	51.13	-	-	PK	Horizontal
5	11438.000	42.26	39.42	7.59	-39.60	49.67	74.00	24.33	PK	Horizontal
6	12148.600	42.24	39.35	7.81	-39.48	49.92	74.00	24.08	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:

2026-03-27

Tested By:

Li Xiongbín

Test Mode:

TX SRD 1M 2480MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

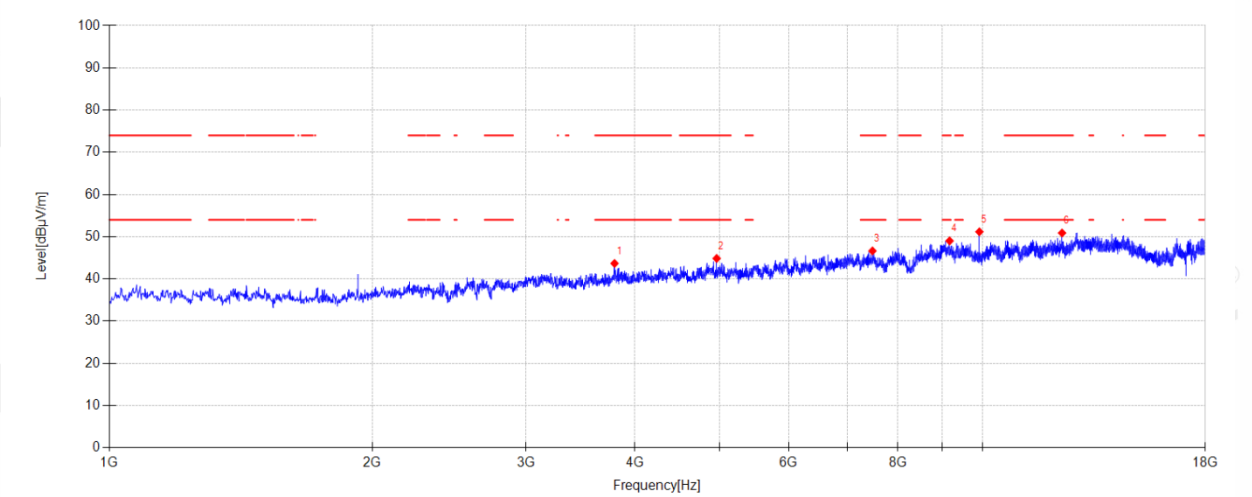
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\116

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3789.700	48.08	30.67	4.54	-39.62	43.67	74.00	30.33	PK	Vertical
2	4961.000	46.35	33.08	5.22	-39.80	44.85	74.00	29.15	PK	Vertical
3	7482.100	43.91	36.79	5.79	-39.85	46.64	74.00	27.36	PK	Vertical
4	9170.200	42.27	38.76	6.78	-38.79	49.02	74.00	24.98	PK	Vertical
5	9919.900	45.76	38.34	6.68	-39.61	51.17	-	-	PK	Vertical
6	12335.600	43.12	39.29	7.81	-39.33	50.89	74.00	23.11	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:

2026-03-27

Tested By:

Li Xiongbín

Test Mode:

TX SRD 2M 2478MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

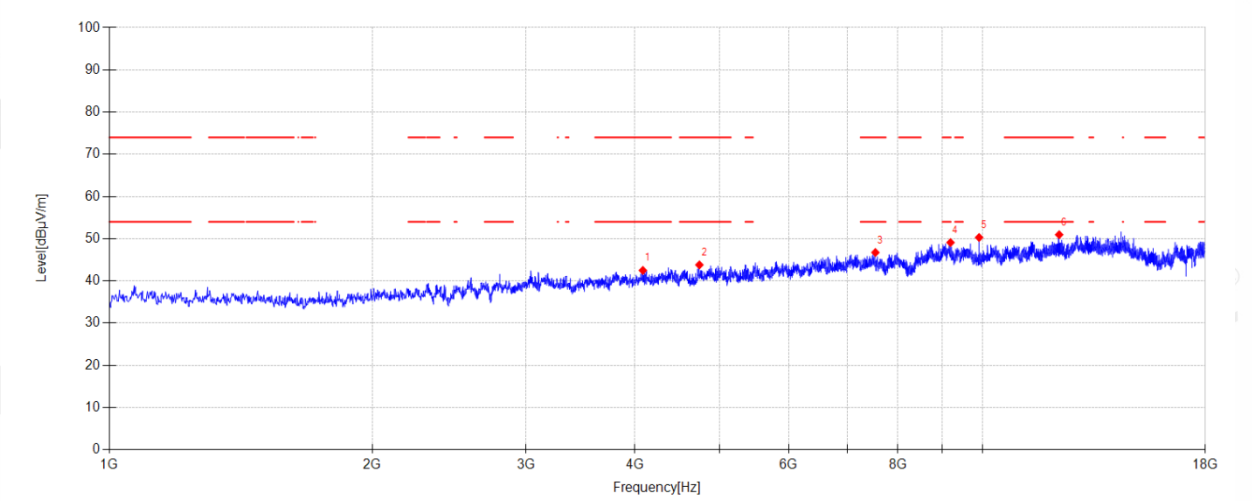
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\117

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4083.800	46.44	31.13	4.63	-39.71	42.49	74.00	31.51	PK	Horizontal
2	4740.000	46.48	32.02	5.07	-39.77	43.80	74.00	30.20	PK	Horizontal
3	7539.900	44.44	36.34	5.81	-39.85	46.74	74.00	27.26	PK	Horizontal
4	9192.300	42.64	38.49	6.78	-38.81	49.10	74.00	24.90	PK	Horizontal
5	9911.400	44.89	38.32	6.68	-39.60	50.29	-	-	PK	Horizontal
6	12242.100	43.27	39.28	7.81	-39.41	50.95	74.00	23.05	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:

2026-03-27

Tested By:

Li Xiongbin

Test Mode:

TX SRD 2M 2478MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

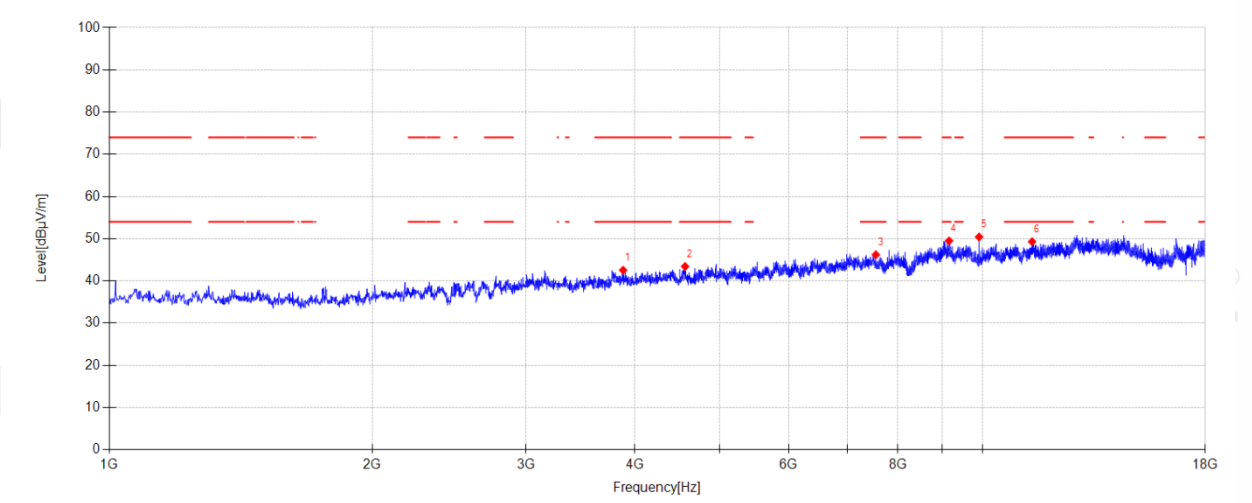
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\118

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3876.400	47.03	30.62	4.55	-39.65	42.55	74.00	31.45	PK	Vertical
2	4564.900	46.34	31.89	4.95	-39.76	43.42	74.00	30.58	PK	Vertical
3	7548.400	44.03	36.22	5.81	-39.85	46.21	74.00	27.79	PK	Vertical
4	9156.600	42.56	38.92	6.78	-38.77	49.49	74.00	24.51	PK	Vertical
5	9911.400	45.02	38.32	6.68	-39.60	50.42	-	-	PK	Vertical
6	11398.900	41.54	39.79	7.57	-39.60	49.30	74.00	24.70	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:

2026-03-27

Tested By:

Li Xiongbin

Test Mode:

TX SRD 2M 2440MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

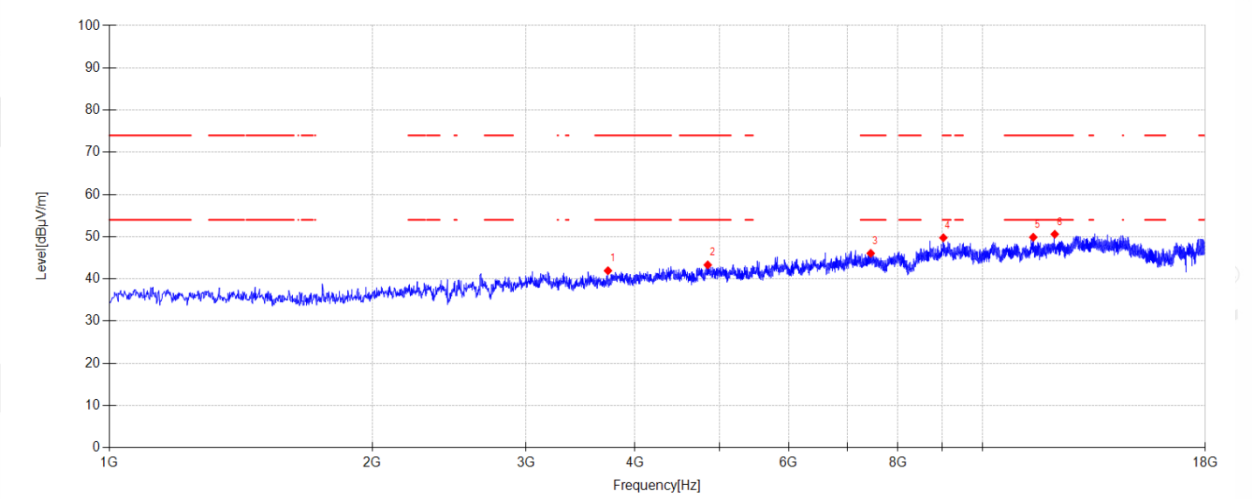
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\119

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3725.100	47.16	29.85	4.53	-39.59	41.95	74.00	32.05	PK	Horizontal
2	4845.400	45.13	32.83	5.14	-39.78	43.32	74.00	30.68	PK	Horizontal
3	7448.100	43.55	36.60	5.78	-39.86	46.07	74.00	27.93	PK	Horizontal
4	9020.600	42.92	38.66	6.80	-38.62	49.76	74.00	24.24	PK	Horizontal
5	11432.900	42.43	39.47	7.58	-39.60	49.88	74.00	24.12	PK	Horizontal
6	12101.000	42.80	39.50	7.81	-39.52	50.59	74.00	23.41	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-03-27

Tested By:

Li Xiongbín

Test Mode:

TX SRD 2M 2440MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

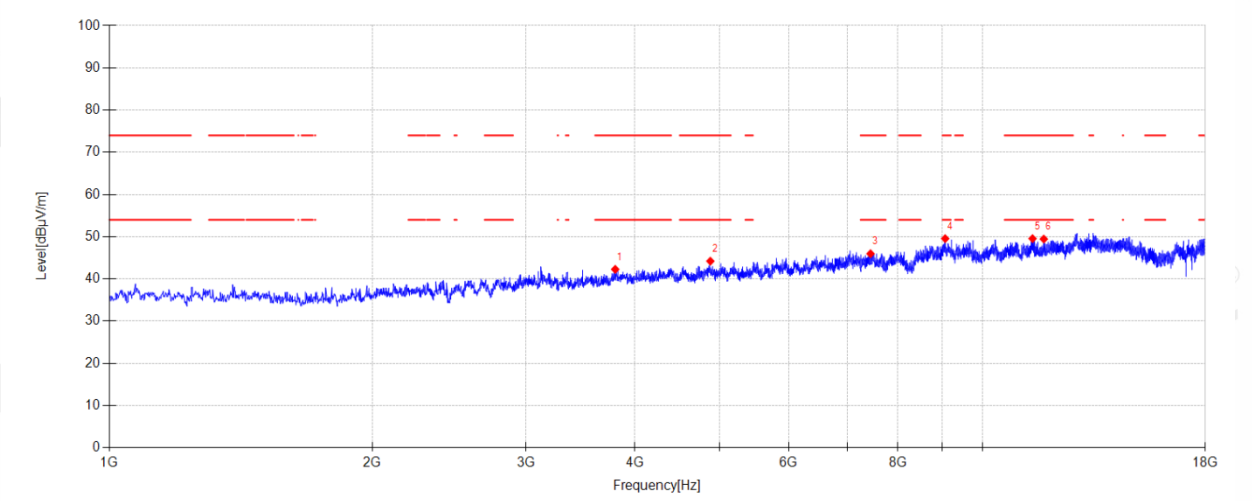
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\120

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3796.500	46.54	30.82	4.54	-39.62	42.28	74.00	31.72	PK	Vertical
2	4879.400	45.81	33.02	5.17	-39.79	44.21	74.00	29.79	PK	Vertical
3	7444.700	43.44	36.61	5.78	-39.86	45.97	74.00	28.03	PK	Vertical
4	9063.100	42.77	38.66	6.79	-38.67	49.55	74.00	24.45	PK	Vertical
5	11412.500	41.89	39.68	7.58	-39.60	49.55	74.00	24.45	PK	Vertical
6	11755.900	42.78	38.56	7.71	-39.60	49.45	74.00	24.55	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:

2026-03-27

Tested By:

Li Xiongbin

Test Mode:

TX SRD 2M 2404MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

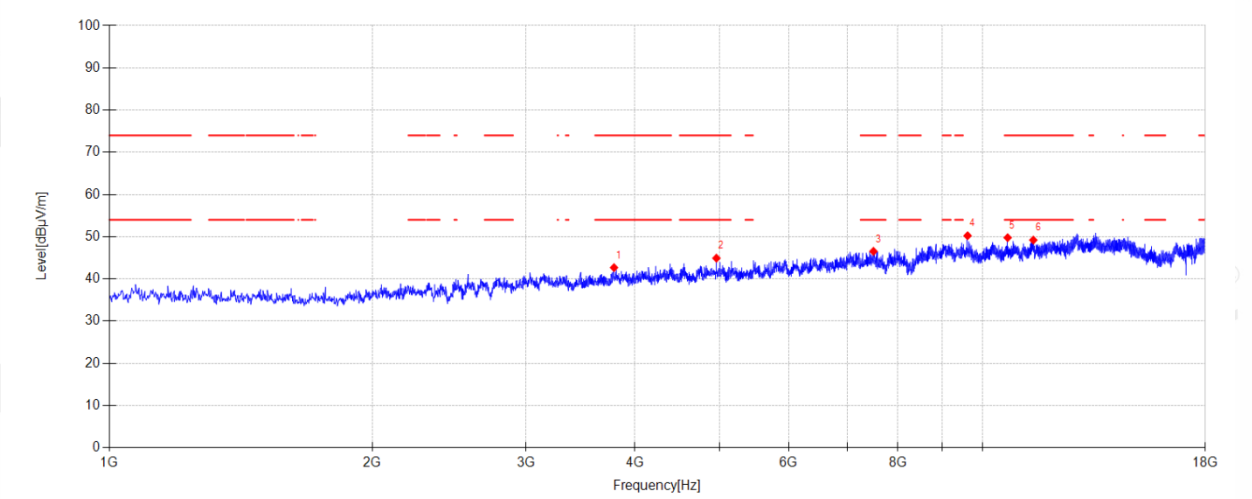
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\121

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3784.600	47.19	30.56	4.54	-39.61	42.68	74.00	31.32	PK	Horizontal
2	4957.600	46.42	33.08	5.22	-39.80	44.92	74.00	29.08	PK	Horizontal
3	7502.500	43.72	36.87	5.80	-39.85	46.54	74.00	27.46	PK	Horizontal
4	9615.600	44.64	38.16	6.72	-39.28	50.24	-	-	PK	Horizontal
5	10686.600	42.77	39.46	7.18	-39.63	49.78	74.00	24.22	PK	Horizontal
6	11436.300	41.79	39.44	7.58	-39.60	49.21	74.00	24.79	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-03-27

Tested By:

Li Xiongbín

Test Mode:

TX SRD 2M 2404MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

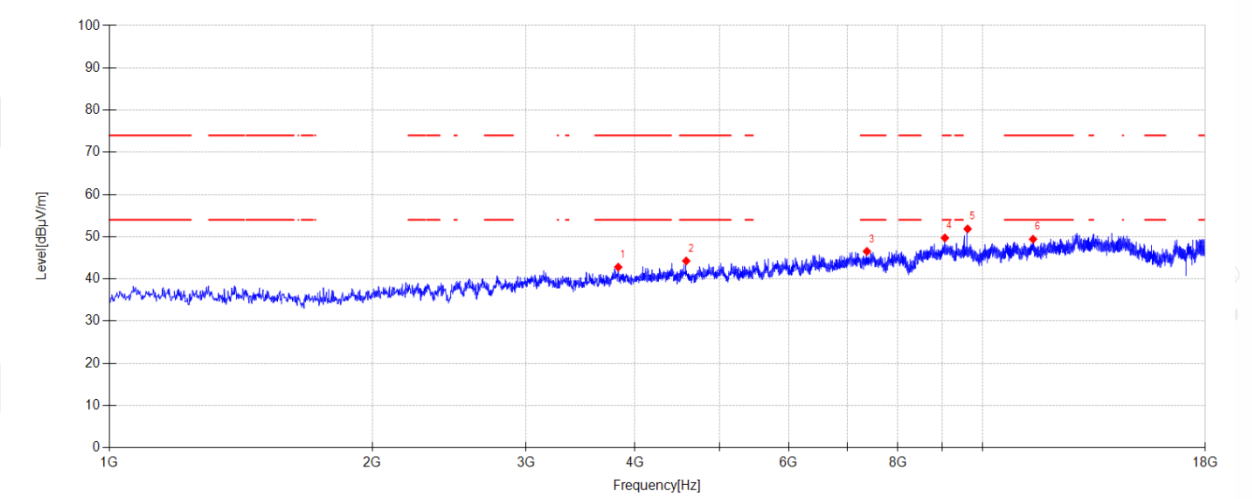
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\122

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3827.100	47.31	30.57	4.55	-39.63	42.80	74.00	31.20	PK	Vertical
2	4578.500	47.36	31.70	4.96	-39.76	44.26	74.00	29.74	PK	Vertical
3	7373.300	43.78	36.86	5.75	-39.86	46.53	74.00	27.47	PK	Vertical
4	9056.300	42.79	38.79	6.79	-38.66	49.71	74.00	24.29	PK	Vertical
5	9615.600	46.26	38.16	6.72	-39.28	51.86	-	-	PK	Vertical
6	11427.800	41.91	39.52	7.58	-39.60	49.41	74.00	24.59	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.

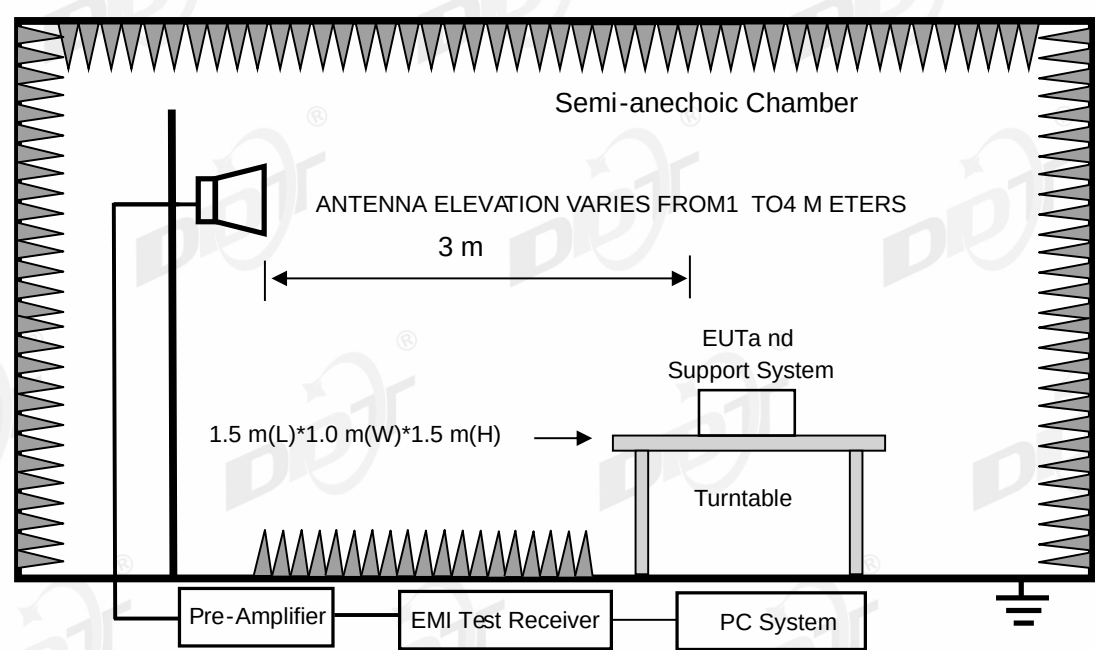
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13. Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2027/02/27
Radiation disturbance fully automated test software	Tonscend	JS32-RE	DDT-ZC02739	/
Pre-amplifier	SONOMA	310N	DDT-ZC01969	2026/07/06
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2027/03/28
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2027/03/28
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	/
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/10/10
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2027/03/28
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2027/03/05
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2026/08/10
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2027/02/27
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2027/02/27
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2027/02/27
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/03/04
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2026/07/25
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2026/08/11
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2026/08/18
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2027/02/27

13.2. Block diagram of test setup



13.3. Limits

All restriction band should comply with 15.209 limits, other emission should be at least 20 dB below the fundamental.

13.4. Assistant equipment used for test

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

13.5. Test procedure

Same with Radiated Emission except change investigated frequency range.
Remark: All restriction band have been tested, and only the worst case is shown in report.

13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-03-27

Tested By:

Li Xiongbín

Test Mode:

TX SRD 1M 2480MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

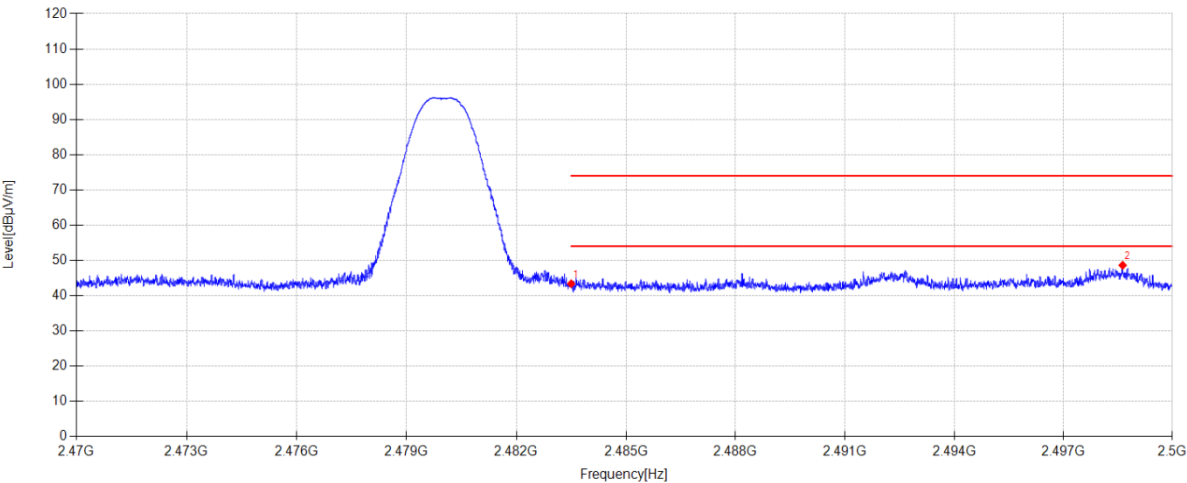
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\103

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	11.96	27.54	3.88	0.00	43.38	74.00	30.62	PK	Horizontal
2	2498.632	17.04	27.69	3.89	0.00	48.62	74.00	25.38	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-03-27

Tested By:

Li Xiongbín

Test Mode:

TX SRD 1M 2480MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

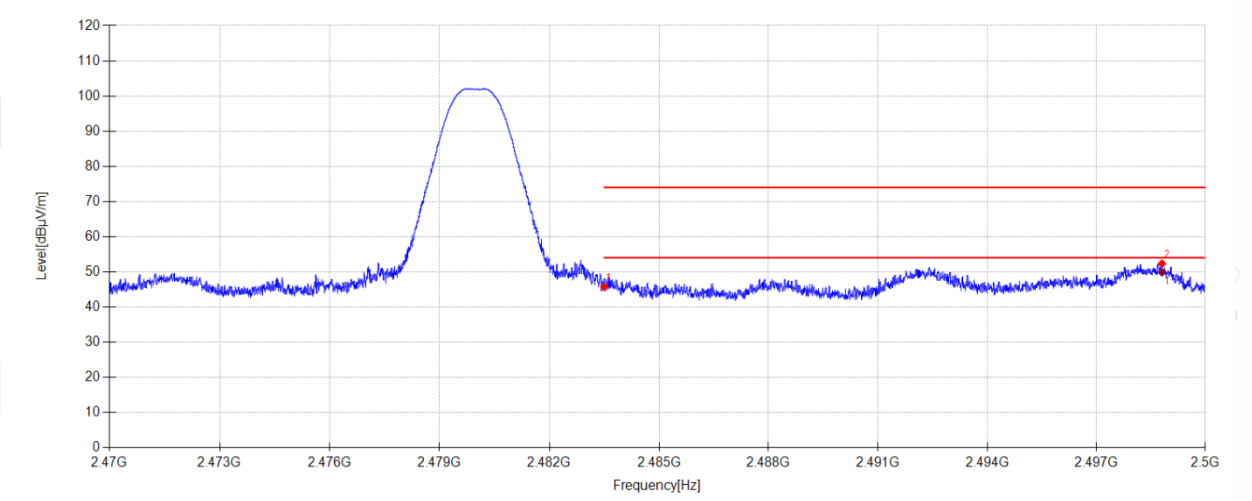
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\104

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	14.33	27.54	3.88	0.00	45.75	74.00	28.25	PK	Vertical
2	2498.806	20.75	27.69	3.89	0.00	52.33	74.00	21.67	PK	Vertical

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2498.806	18.32	27.69	3.89	49.90	54.00	4.10	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-03-27

Tested By:

Li Xiongbín

Test Mode:

TX SRD 2M 2478MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

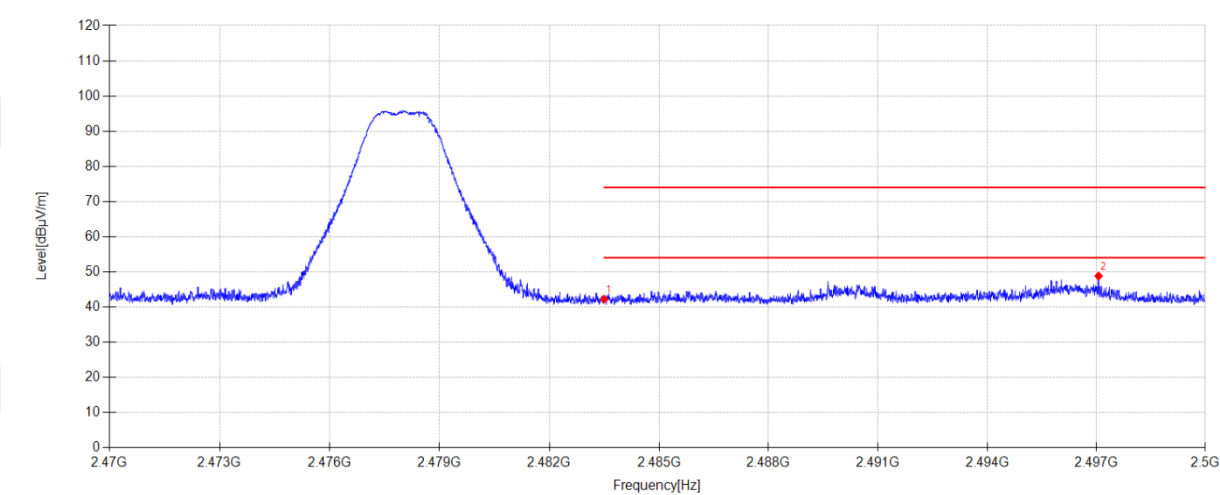
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\105

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	10.82	27.54	3.88	0.00	42.24	74.00	31.76	PK	Horizontal
2	2497.063	17.27	27.67	3.89	0.00	48.83	74.00	25.17	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:

2026-03-27

Tested By:

Li Xiongbín

Test Mode:

TX SRD 2M 2478MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

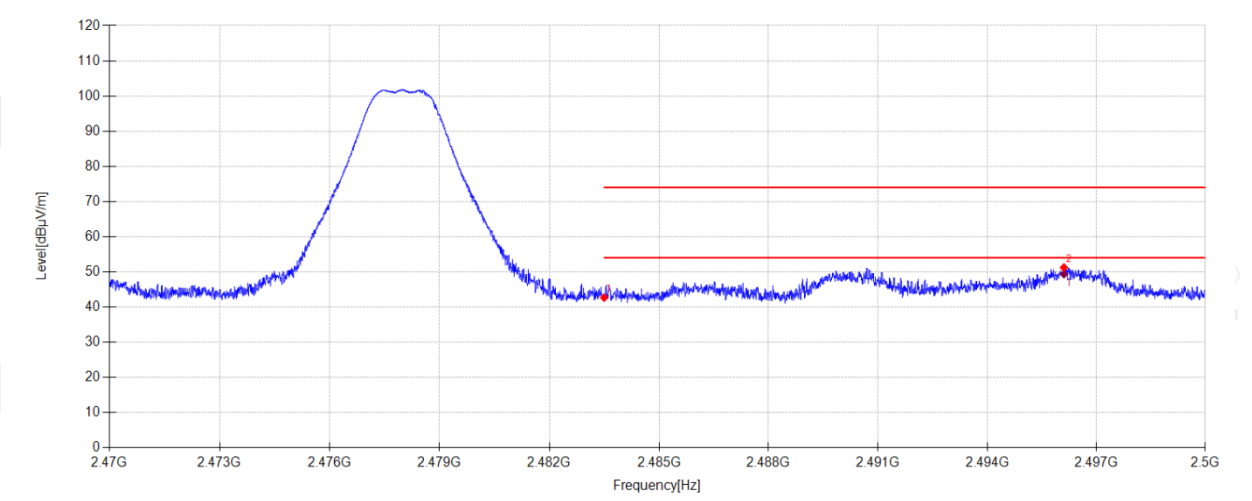
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\106

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	11.28	27.54	3.88	0.00	42.70	74.00	31.30	PK	Vertical
2	2496.109	19.69	27.66	3.89	0.00	51.24	74.00	22.76	PK	Vertical

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2496.109	17.82	27.66	3.89	49.37	54.00	4.63	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-03-27

Tested By:

Li Xiongbín

Test Mode:

TX SRD 2M 2404MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

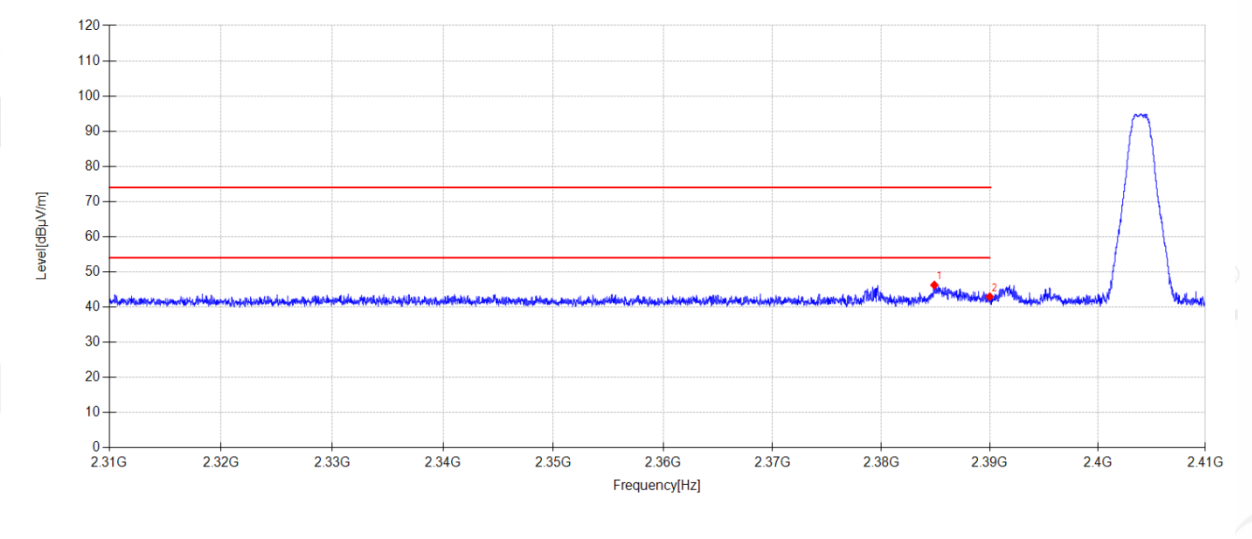
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\107

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2384.880	15.00	27.49	3.77	0.00	46.26	74.00	27.74	PK	Horizontal
2	2390.000	11.71	27.46	3.78	0.00	42.95	74.00	31.05	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:

2026-03-27

Tested By:

Li Xiongbín

Test Mode:

TX SRD 2M 2404MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

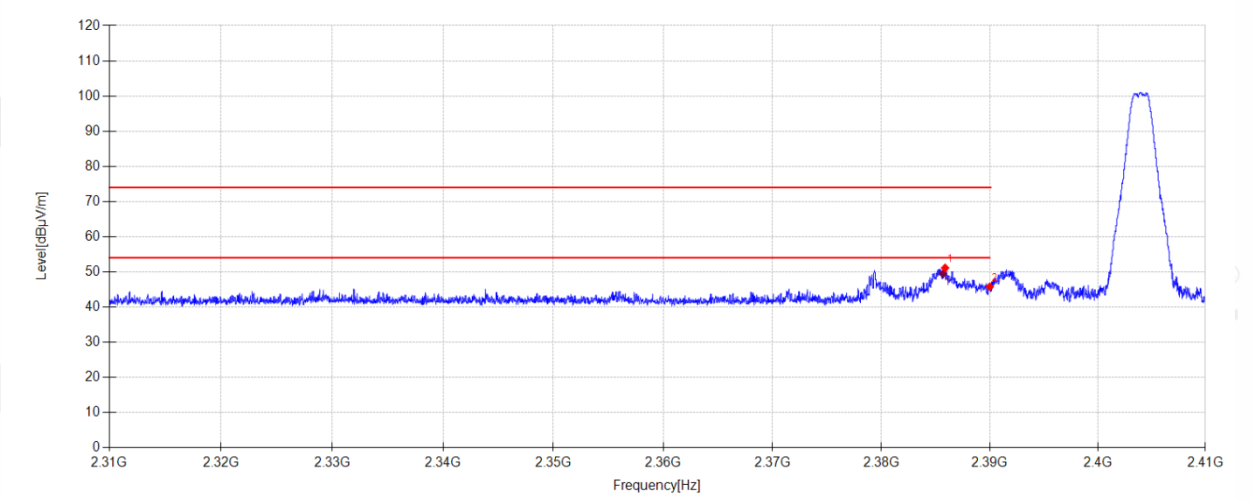
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\108

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2385.870	19.88	27.48	3.77	0.00	51.13	74.00	22.87	PK	Vertical
2	2390.000	14.54	27.46	3.78	0.00	45.78	74.00	28.22	PK	Vertical

Final Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	2385.687	18.26	27.48	3.77	49.51	54.00	4.49	AV	Vertical	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2026-03-27

Tested By:

Li Xiongbín

Test Mode:

TX SRD 1M 2402MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

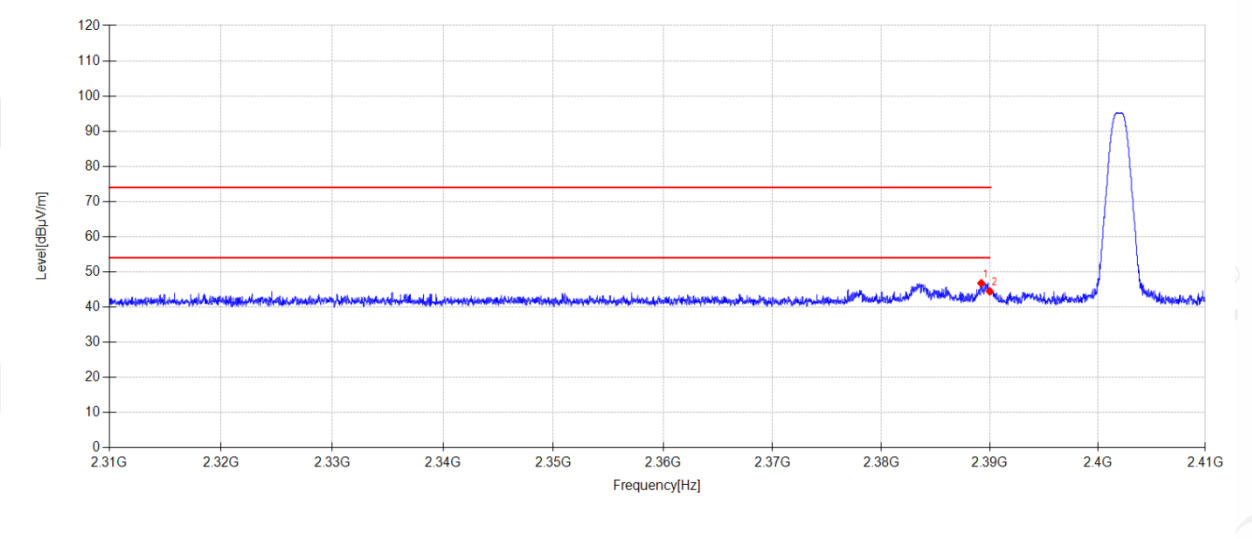
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\109

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2389.210	15.55	27.46	3.77	0.00	46.78	74.00	27.22	PK	Horizontal
2	2390.000	13.24	27.46	3.78	0.00	44.48	74.00	29.52	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:

2026-03-27

Tested By:

Li Xiongbín

Test Mode:

TX SRD 1M 2402MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.3°C;Humi:59.3%

Test Site:

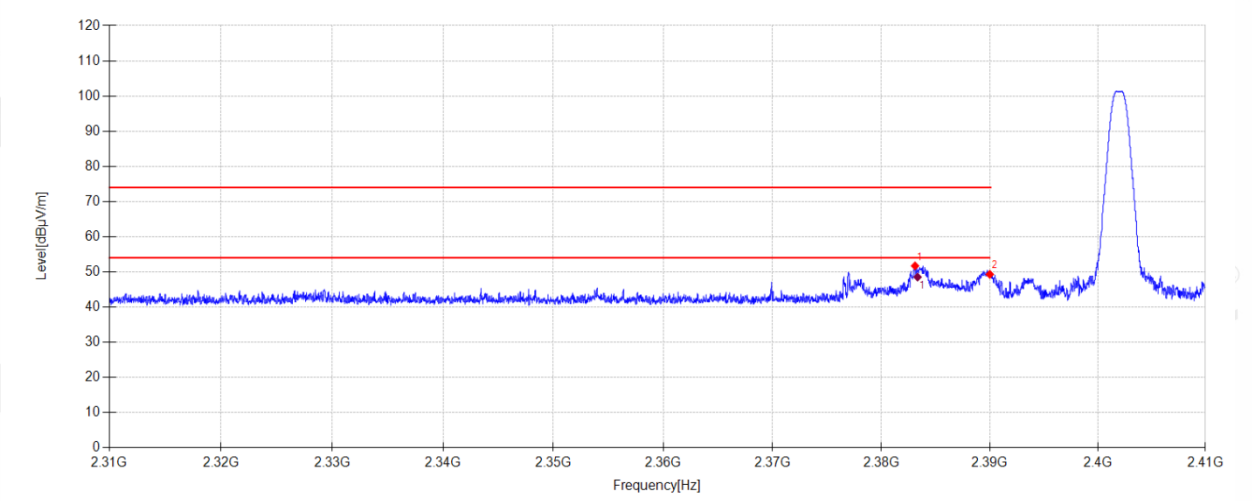
DDT 3# Chamber

File Path:

d:\ts\2026 report data\Q26012730-2E\FCC Above 1G 2.4G 0324\110

Memo:

Sample Number:S26012730-003



Suspected Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2383.100	20.44	27.50	3.77	0.00	51.71	74.00	22.29	PK	Vertical
2	2390.000	18.07	27.46	3.78	0.00	49.31	74.00	24.69	PK	Vertical

Final Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	
1	2383.333	17.25	27.50	3.77	48.52	54.00	5.48	AV	Vertical	

Note:

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

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

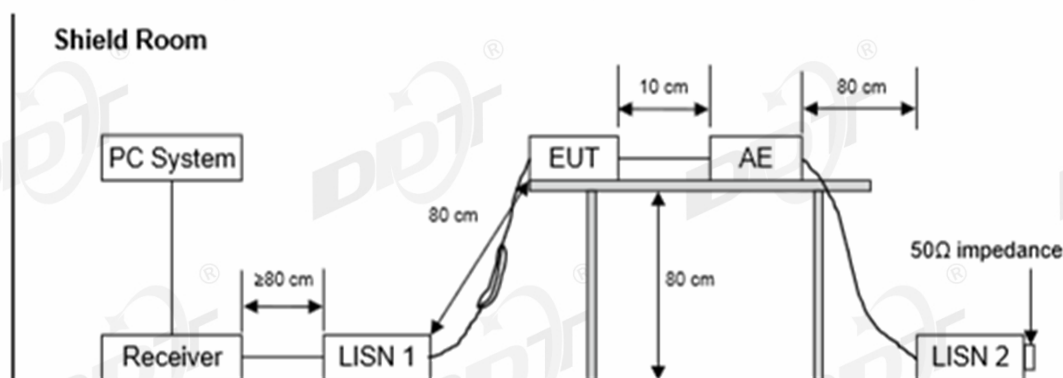
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Power Line Conducted Emissions

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
EMI Test Receiver	R&S	ESCI 3	DDT-ZC01972	2027/02/27
Two Line V-Network	R&S	ENV216	DDT-ZC00586	2026/07/06
Pulse Limiter	R&S	KH43101	DDT-ZC00747	2027/02/27
Coaxial signal signal cable	H&S	RG214-5	DDT-ZC01817	2027/02/27
Conducted Radiated Software	Audix	e3	DDT-ZC00562	/
Two Line V-Network	R&S	ENV216	DDT-ZC02058	2026/07/06

14.2. Block diagram of test setup



14.3. Limits

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

Note 1: * Decreasing linearly with logarithm of frequency.

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

14.4. Assistant equipment used for test

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

14.5. Test procedure

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

All support equipment power received from a second LISN.

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

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

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

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

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

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

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

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

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

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

The bandwidth of test receiver is set at 9 kHz.

14.6. Test result

PASS. (See below detailed test result)

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

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

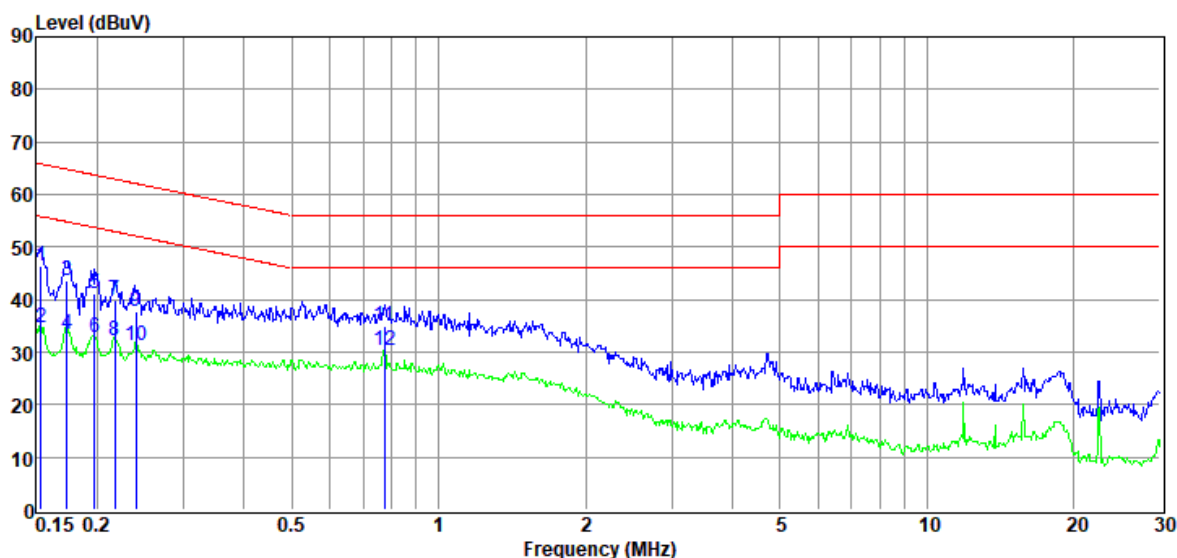
Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

14.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 5# Shield Room **D:\2026 report data\Q26012730-1E\0331 CE.EM6**
Test Date : 2026-03-31 **Tested By** : Jiahao Yang
Power Supply : AC 120V/60Hz **Test Mode** : TX SRD 1M 2402MHz Mode
Condition : Temp:23°C,Humi:56.5% **LISN** : 2025 2# 216/NEUTRAL
Memo : S26012730-001

Data: 14



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBμV)	Limit Line (dBμV)	Margin (dB)	Detector	Phase
1	0.15	26.62	9.49	0.05	10.21	46.37	65.82	19.45	QP	NEUTRAL
2	0.15	14.86	9.49	0.05	10.21	34.61	55.82	21.21	Average	NEUTRAL
3	0.17	23.84	9.49	0.05	10.20	43.58	64.81	21.23	QP	NEUTRAL
4	0.17	13.52	9.49	0.05	10.20	33.26	54.81	21.55	Average	NEUTRAL
5	0.20	21.53	9.49	0.05	10.20	41.27	63.71	22.44	QP	NEUTRAL
6	0.20	13.14	9.49	0.05	10.20	32.88	53.71	20.83	Average	NEUTRAL
7	0.22	20.07	9.49	0.05	10.21	39.82	62.92	23.10	QP	NEUTRAL
8	0.22	12.48	9.49	0.05	10.21	32.23	52.92	20.69	Average	NEUTRAL
9	0.24	17.85	9.48	0.06	10.22	37.61	62.08	24.47	QP	NEUTRAL
10	0.24	11.49	9.48	0.06	10.22	31.25	52.08	20.83	Average	NEUTRAL
11	0.78	15.08	9.48	0.14	10.37	35.07	56.00	20.93	QP	NEUTRAL
12	0.78	10.45	9.48	0.14	10.37	30.44	46.00	15.56	Average	NEUTRAL

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

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

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

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

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 5# Shield Room

Test Date

: 2026-03-31

Power Supply

: AC 120V/60Hz

Condition

: Temp:23°C,Humi:56.5%

Memo

: S26012730-001

D:\2026 report data\Q26012730-1E\0331 CE.EM6

Tested By

: Jiahao Yang

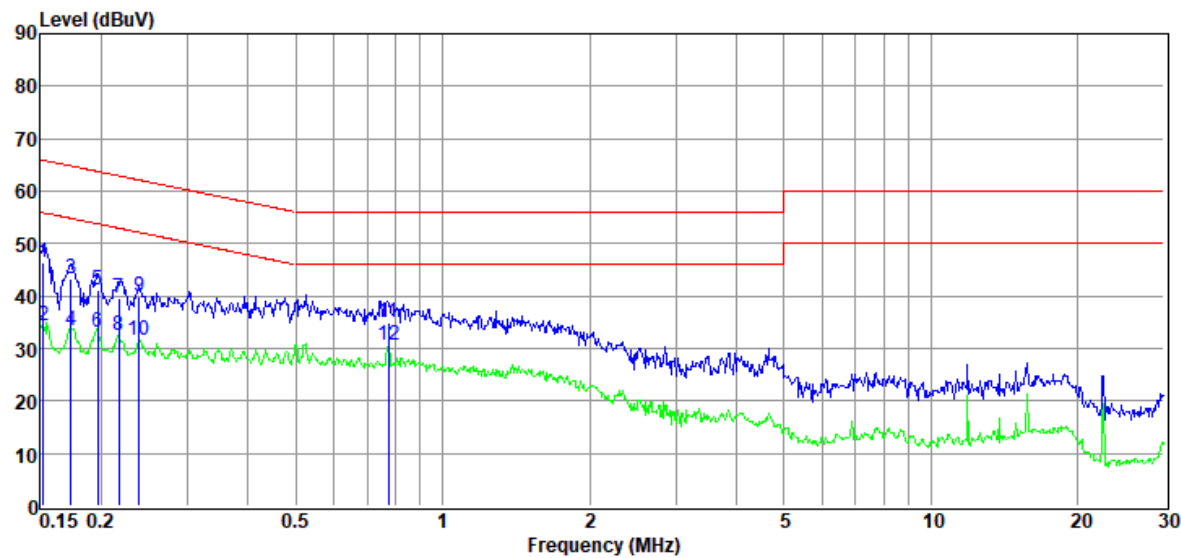
Test Mode

: TX SRD 1M 2402MHz Mode

LISN

: 2025 2# 216/LINE

Data: 16



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Margin	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	26.65	9.46	0.05	10.21	46.37	65.87	19.50	QP	LINE
2	0.15	14.72	9.46	0.05	10.21	34.44	55.87	21.43	Average	LINE
3	0.17	23.44	9.48	0.05	10.20	43.17	64.81	21.64	QP	LINE
4	0.17	13.78	9.48	0.05	10.20	33.51	54.81	21.30	Average	LINE
5	0.20	21.36	9.46	0.05	10.20	41.07	63.76	22.69	QP	LINE
6	0.20	13.36	9.46	0.05	10.20	33.07	53.76	20.69	Average	LINE
7	0.22	19.97	9.46	0.05	10.21	39.69	62.92	23.23	QP	LINE
8	0.22	12.63	9.46	0.05	10.21	32.35	52.92	20.57	Average	LINE
9	0.24	20.25	9.45	0.06	10.22	39.98	62.13	22.15	QP	LINE
10	0.24	11.91	9.45	0.06	10.22	31.64	52.13	20.49	Average	LINE
11	0.78	15.04	9.51	0.14	10.37	35.06	56.00	20.94	QP	LINE
12	0.78	10.55	9.51	0.14	10.37	30.57	46.00	15.43	Average	LINE

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

16. Photos of the EUT

Please refer to DDT-Q26012730-1E appendix I

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