

PCB A:

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-29

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 2.4G 11AX20 2462 Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

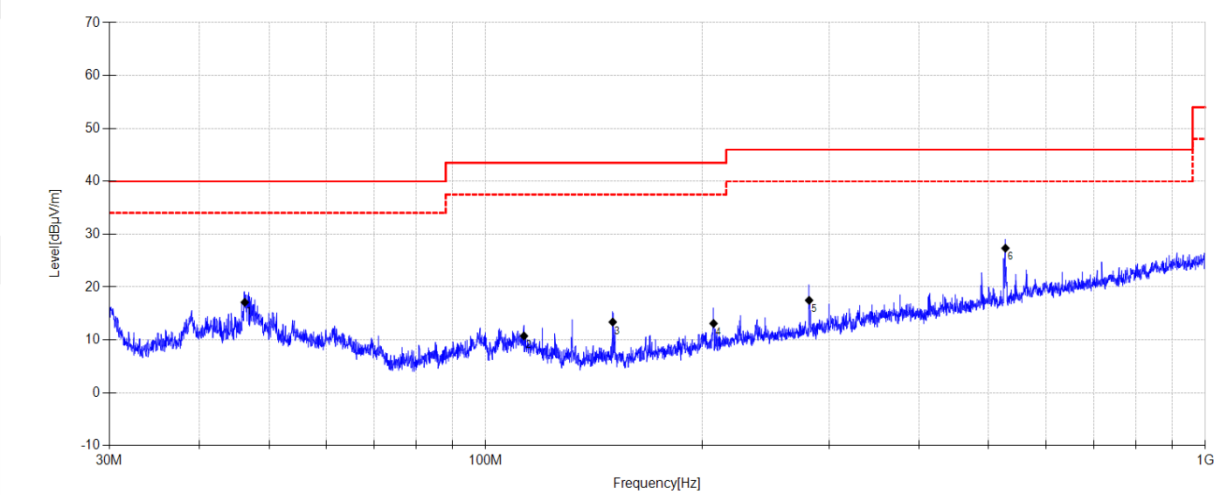
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC BELOW1G\17

Memo:

Sample Number:S25060926-001



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	46.271	32.33	13.11	3.96	17.10	40.00	22.90	QP	Horizontal
2	113.048	27.37	11.29	4.38	10.73	43.50	32.77	QP	Horizontal
3	150.173	33.14	7.99	4.59	13.37	43.50	30.13	QP	Horizontal
4	207.333	29.94	10.65	4.91	13.10	43.50	30.40	QP	Horizontal
5	281.473	31.57	13.10	5.21	17.48	46.00	28.52	QP	Horizontal
6	527.573	36.61	17.26	6.14	27.34	46.00	18.66	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:

2025-11-29

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 2.4G 11AX20 2462 Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

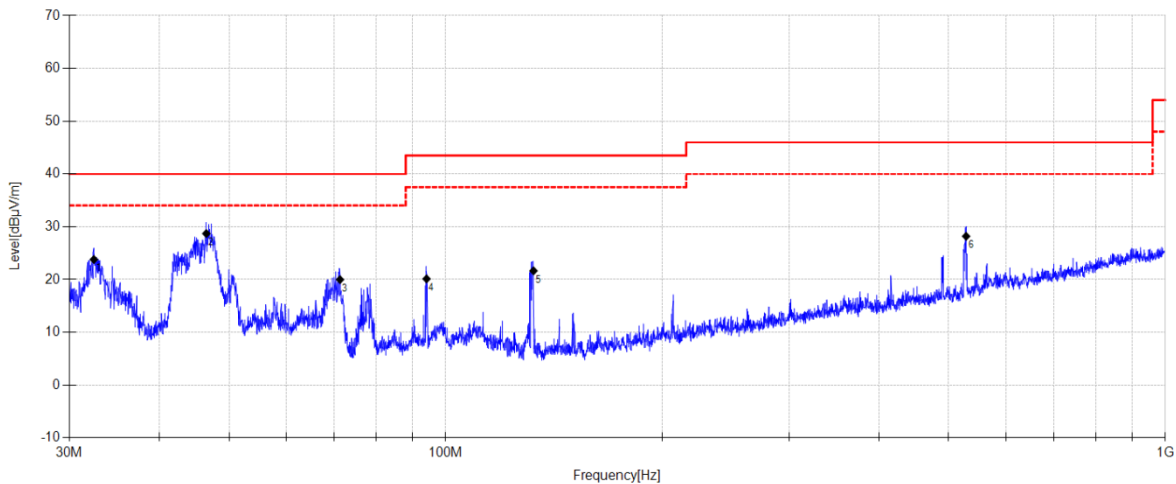
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC BELOW1G\18

Memo:

Sample Number:S25060926-001



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	32.451	41.38	10.90	3.81	23.79	40.00	16.21	QP	Vertical
2	46.499	43.84	13.20	3.96	28.70	40.00	11.30	QP	Vertical
3	71.318	38.54	9.57	4.17	19.98	40.00	20.02	QP	Vertical
4	94.076	37.86	10.29	4.27	20.12	43.50	23.38	QP	Vertical
5	132.460	40.96	8.52	4.49	21.64	43.50	21.86	QP	Vertical
6	528.684	37.35	17.37	6.14	28.19	46.00	17.81	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.

PCB B:

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11AX20 2412MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

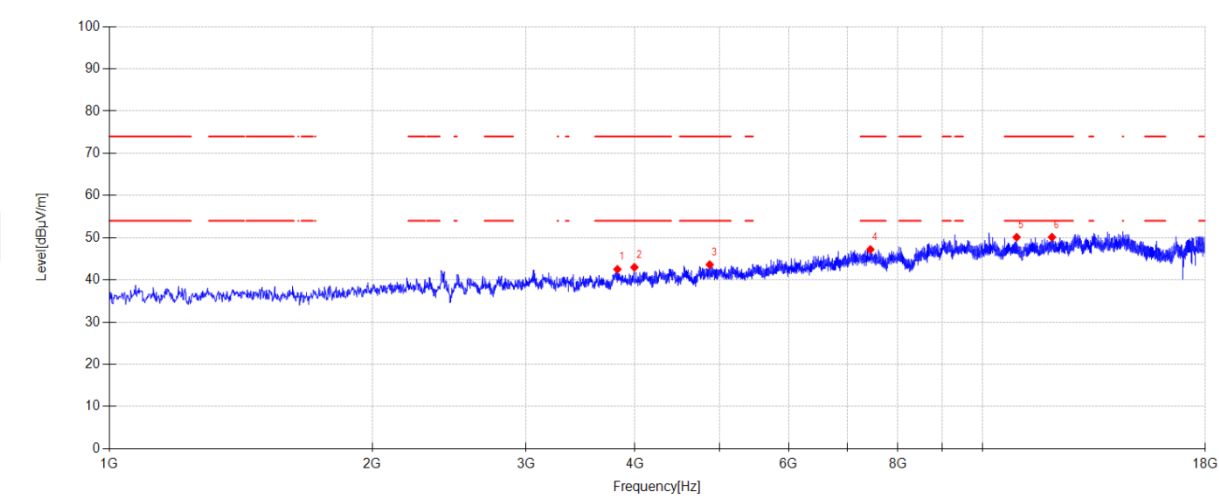
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\1

Memo:

Sample Number:S25060926-001



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	3818.600	47.39	30.68	4.07	-39.63	42.51	74.00	31.49	PK	Horizontal
2	3993.700	47.84	30.82	4.04	-39.70	43.00	74.00	31.00	PK	Horizontal
3	4870.900	45.95	32.98	4.48	-39.79	43.62	74.00	30.38	PK	Horizontal
4	7441.300	45.04	36.62	5.41	-39.86	47.21	74.00	26.79	PK	Horizontal
5	10943.300	43.64	39.64	6.44	-39.61	50.11	74.00	23.89	PK	Horizontal
6	12012.600	43.59	39.06	7.06	-39.59	50.12	74.00	23.88	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11AX20 2412MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

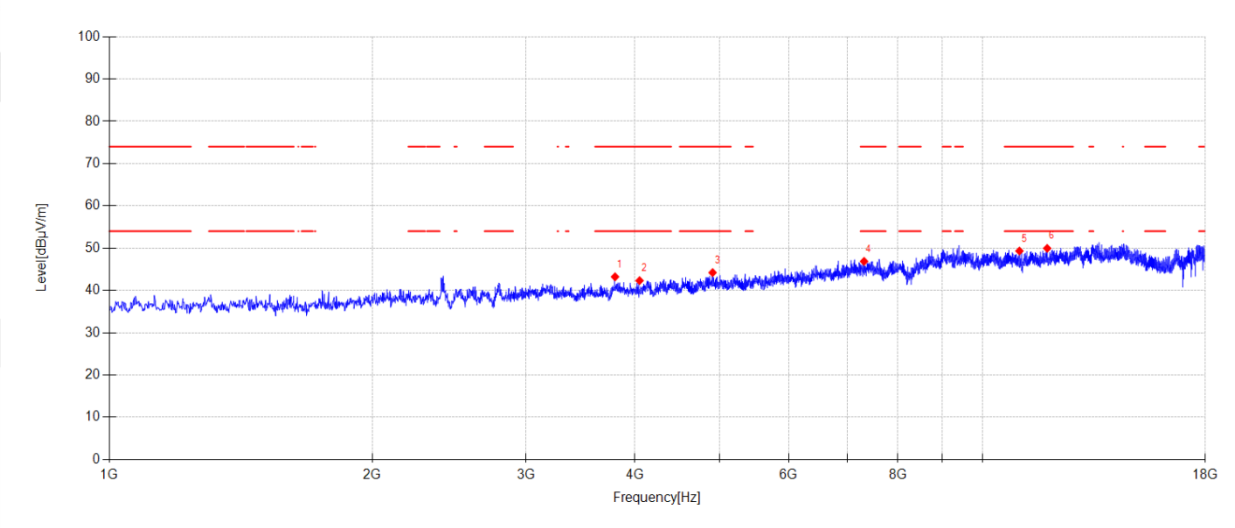
DDT 3# Chamber

File Path:

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Memo:

Sample Number:S25060926-001



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	3794.800	47.97	30.79	4.08	-39.62	43.22	74.00	30.78	PK	Vertical
2	4048.100	46.77	31.19	4.06	-39.70	42.32	74.00	31.68	PK	Vertical
3	4908.300	46.42	33.10	4.49	-39.79	44.22	74.00	29.78	PK	Vertical
4	7318.900	44.37	37.00	5.38	-39.87	46.88	74.00	27.12	PK	Vertical
5	11024.900	42.98	39.50	6.45	-39.60	49.33	74.00	24.67	PK	Vertical
6	11861.300	44.04	38.54	6.98	-39.60	49.96	74.00	24.04	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11AX20 2437MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

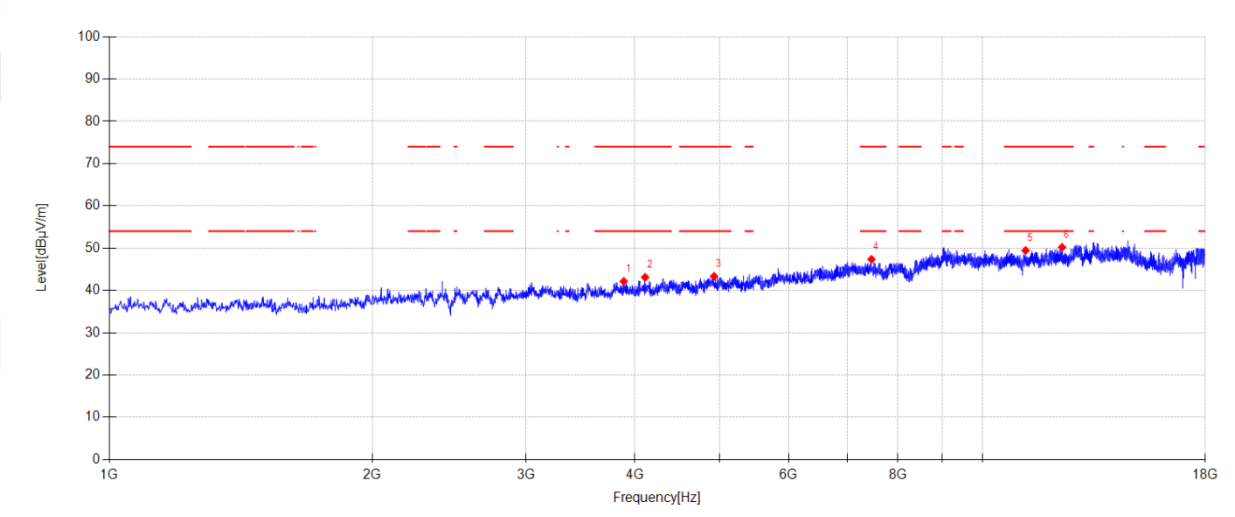
DDT 3# Chamber

File Path:

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Memo:

Sample Number:S25060926-001



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	3883.200	47.03	30.70	4.06	-39.65	42.14	74.00	31.86	PK	Horizontal
2	4107.600	47.57	31.16	4.09	-39.71	43.11	74.00	30.89	PK	Horizontal
3	4927.000	45.55	33.10	4.50	-39.79	43.36	74.00	30.64	PK	Horizontal
4	7463.400	45.11	36.68	5.42	-39.85	47.36	74.00	26.64	PK	Horizontal
5	11205.100	43.70	38.79	6.56	-39.60	49.45	74.00	24.55	PK	Horizontal
6	12335.600	43.32	39.29	6.92	-39.33	50.20	74.00	23.80	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11AX20 2437MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

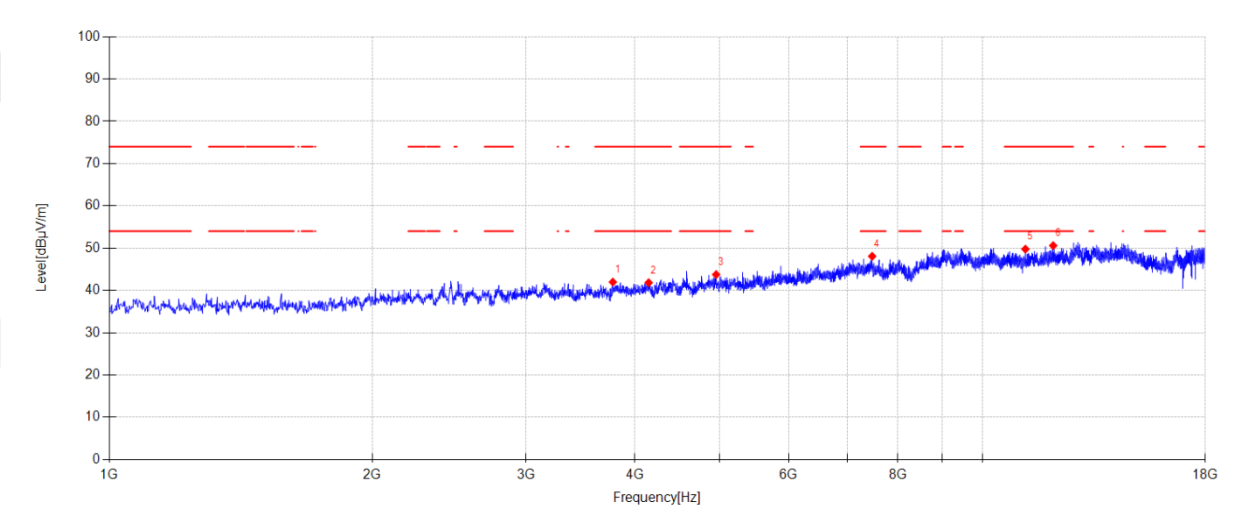
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\4

Memo:

Sample Number:S25060926-001



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	3772.700	47.21	30.30	4.08	-39.61	41.98	74.00	32.02	PK	Vertical
2	4146.700	45.97	31.47	4.11	-39.71	41.84	74.00	32.16	PK	Vertical
3	4954.200	45.94	33.09	4.52	-39.80	43.75	74.00	30.25	PK	Vertical
4	7477.000	45.75	36.76	5.42	-39.85	48.08	74.00	25.92	PK	Vertical
5	11200.000	44.02	38.80	6.56	-39.60	49.78	74.00	24.22	PK	Vertical
6	12051.700	43.85	39.26	7.05	-39.56	50.60	74.00	23.40	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11AX20 2462MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

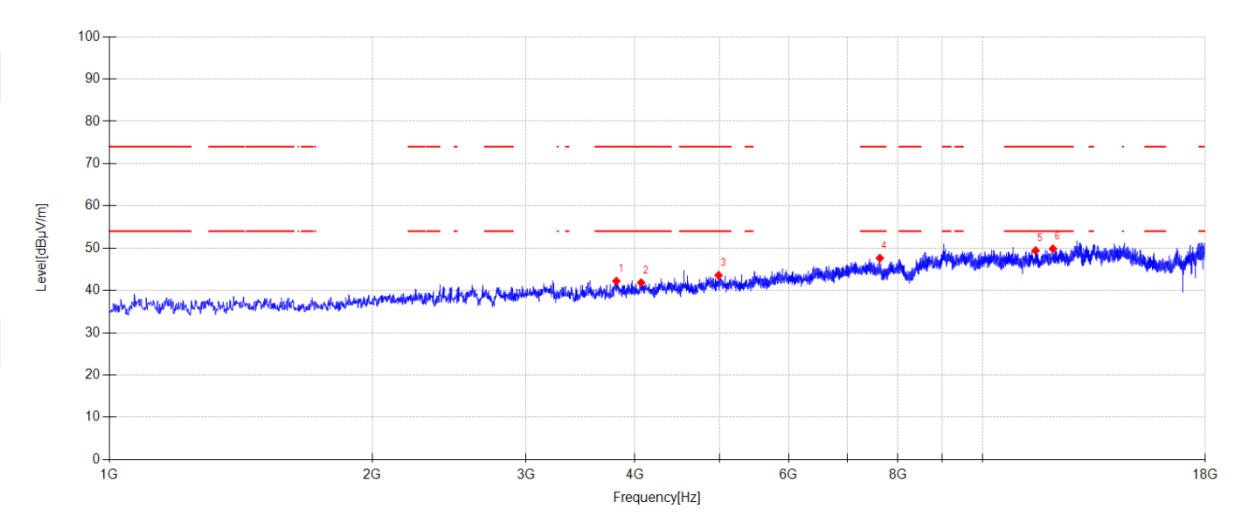
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\5

Memo:

Sample Number:S25060926-001



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	3808.400	46.95	30.80	4.08	-39.62	42.21	74.00	31.79	PK	Horizontal
2	4065.100	46.30	31.17	4.07	-39.71	41.83	74.00	32.17	PK	Horizontal
3	4986.500	45.82	33.03	4.53	-39.80	43.58	74.00	30.42	PK	Horizontal
4	7630.000	45.35	36.68	5.46	-39.84	47.65	74.00	26.35	PK	Horizontal
5	11504.300	43.49	38.79	6.75	-39.60	49.43	74.00	24.57	PK	Horizontal
6	12041.500	43.16	39.21	7.05	-39.57	49.85	74.00	24.15	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11AX20 2462MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

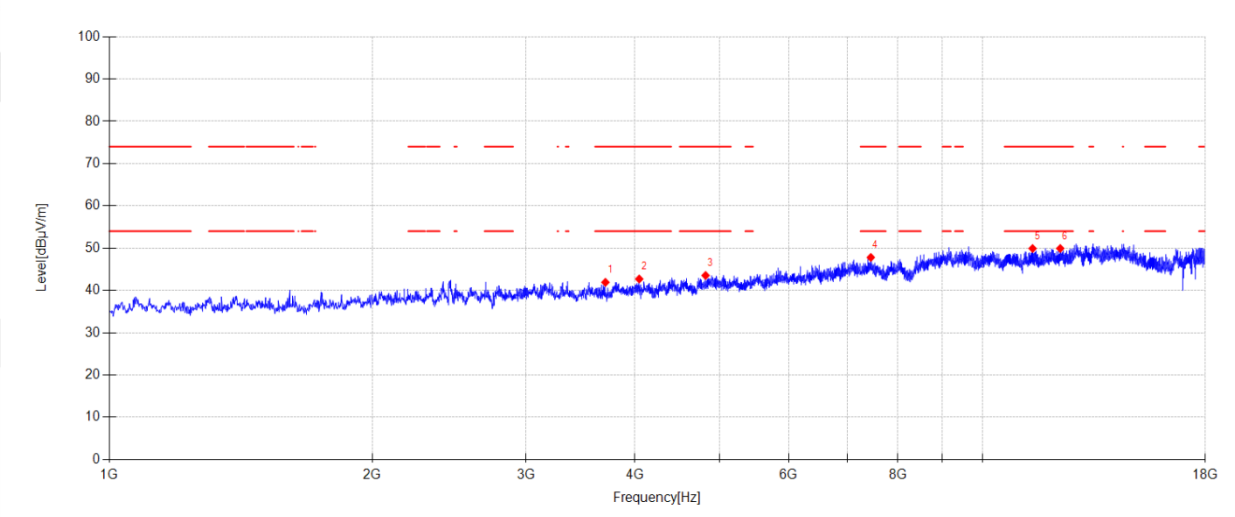
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\6

Memo:

Sample Number:S25060926-001



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	3699.600	47.50	29.90	4.10	-39.58	41.92	74.00	32.08	PK	Vertical
2	4044.700	47.18	31.17	4.06	-39.70	42.71	74.00	31.29	PK	Vertical
3	4818.200	46.48	32.39	4.45	-39.78	43.54	74.00	30.46	PK	Vertical
4	7449.800	45.66	36.60	5.41	-39.86	47.81	74.00	26.19	PK	Vertical
5	11414.200	43.16	39.66	6.70	-39.60	49.92	74.00	24.08	PK	Vertical
6	12276.100	43.01	39.35	6.95	-39.38	49.93	74.00	24.07	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:

2025-12-10

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

11AX20RU8 2462 TX Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

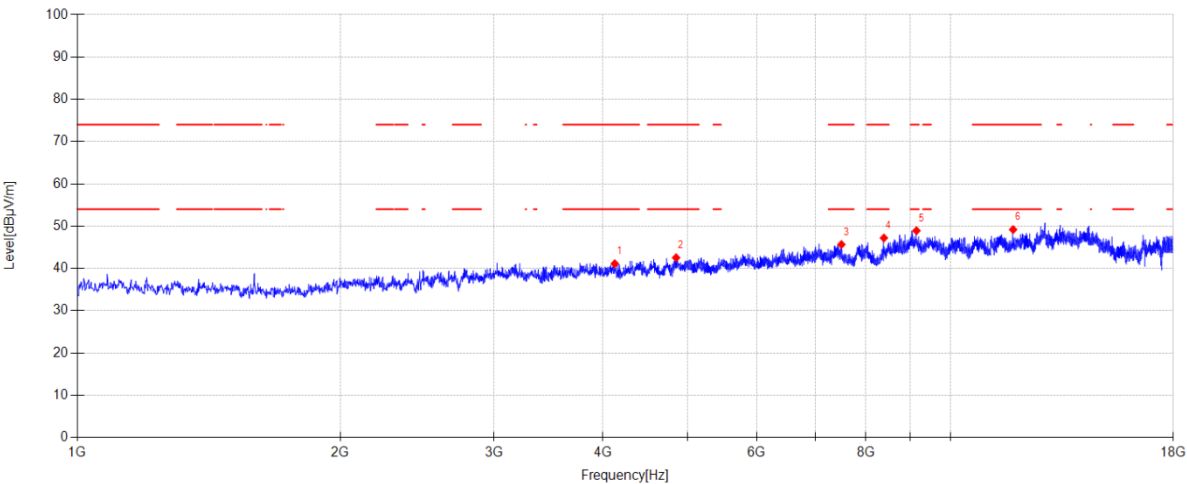
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC Above 1G 2.4G RU\5

Memo:

Sample Number:S25060926-001 Power Setting:10



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	4126.300	44.87	31.31	4.66	-39.71	41.13	74.00	32.87	PK	Horizontal
2	4850.500	44.29	32.90	5.15	-39.79	42.55	74.00	31.45	PK	Horizontal
3	7500.800	42.83	36.89	5.80	-39.85	45.67	74.00	28.33	PK	Horizontal
4	8389.900	42.61	37.64	6.29	-39.33	47.21	74.00	26.79	PK	Horizontal
5	9143.000	42.04	38.86	6.78	-38.76	48.92	74.00	25.08	PK	Horizontal
6	11796.700	42.46	38.60	7.73	-39.60	49.19	74.00	24.81	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:

2025-12-10

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

11AX20RU8 2462 TX Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

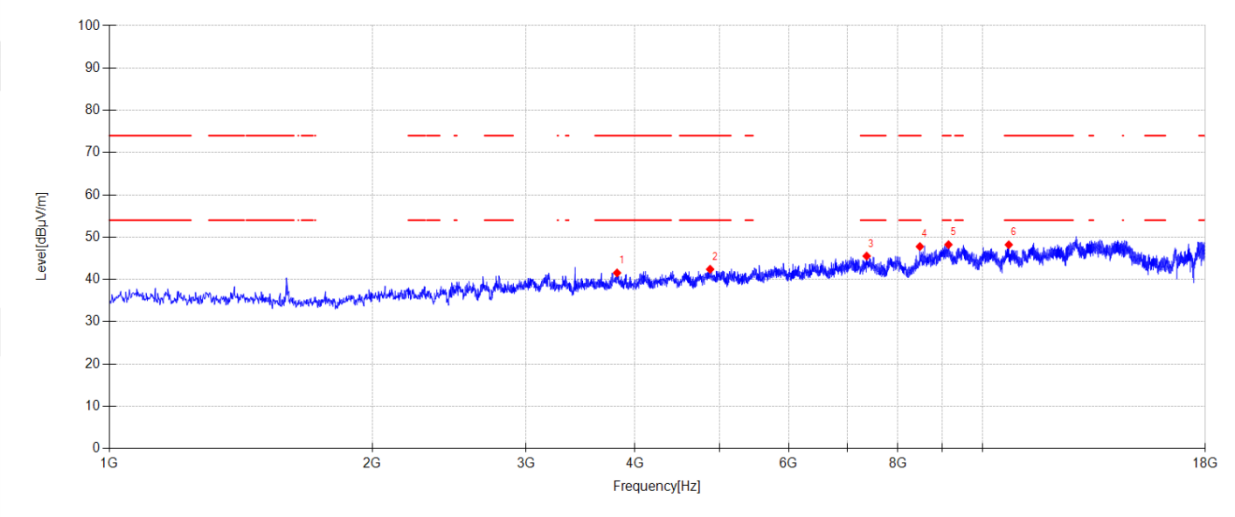
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC Above 1G 2.4G RU\6

Memo:

Sample Number:S25060926-001 Power Setting:10



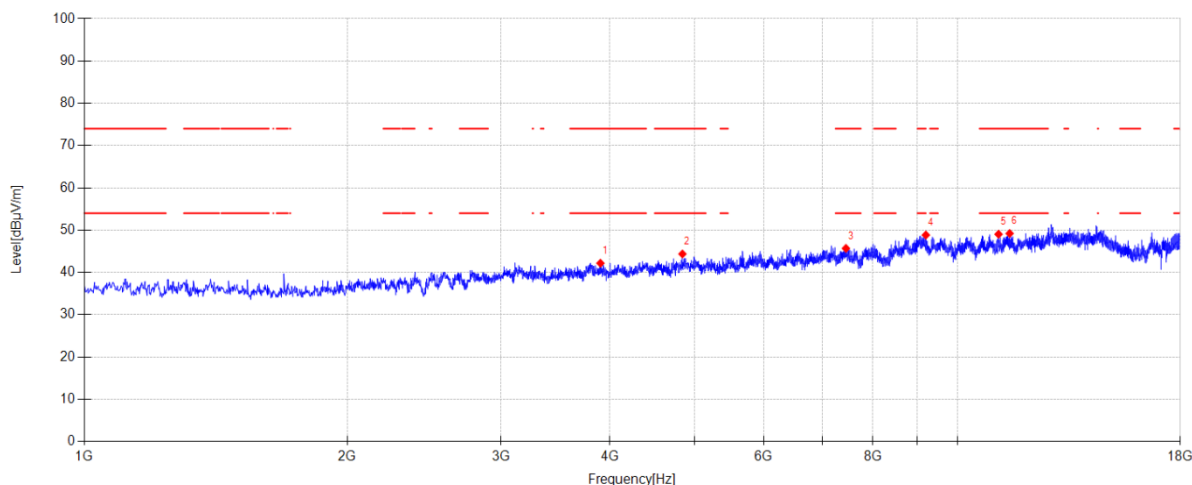
Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3815.200	45.91	30.72	4.55	-39.63	41.55	74.00	32.45	PK	Vertical
2	4876.000	44.02	33.00	5.17	-39.79	42.40	74.00	31.60	PK	Vertical
3	7368.200	42.74	36.89	5.75	-39.86	45.52	74.00	28.48	PK	Vertical
4	8478.300	43.04	37.60	6.37	-39.23	47.78	74.00	26.22	PK	Vertical
5	9143.000	41.35	38.86	6.78	-38.76	48.23	74.00	25.77	PK	Vertical
6	10718.900	41.22	39.41	7.20	-39.63	48.20	74.00	25.80	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: 2026-02-10 **Tested By:** Nan Zhong
EUT: In-vehicle Multimedia Host **Model Number:** MTD421-B2
Test Mode: 11AX20RU4 2437 TX Mode **Power Supply:** DC 12V
Condition: Temp:22.2°C;Humi:56.2% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25060926-1E\FCC Above 1G 2.4G RU\7
Memo: Sample Number:S25060926-001 Power Setting:10

**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	3900.200	46.38	30.90	4.56	-39.66	42.18	74.00	31.82	PK	Horizontal
2	4842.000	46.24	32.77	5.14	-39.78	44.37	74.00	29.63	PK	Horizontal
3	7451.500	43.15	36.61	5.78	-39.85	45.69	74.00	28.31	PK	Horizontal
4	9200.800	42.50	38.40	6.77	-38.82	48.85	-	-	PK	Horizontal
5	11145.600	42.32	38.85	7.47	-39.60	49.04	74.00	24.96	PK	Horizontal
6	11475.400	42.17	39.05	7.60	-39.60	49.22	74.00	24.78	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:

2026-02-10

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

11AX20RU4 2437 TX Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

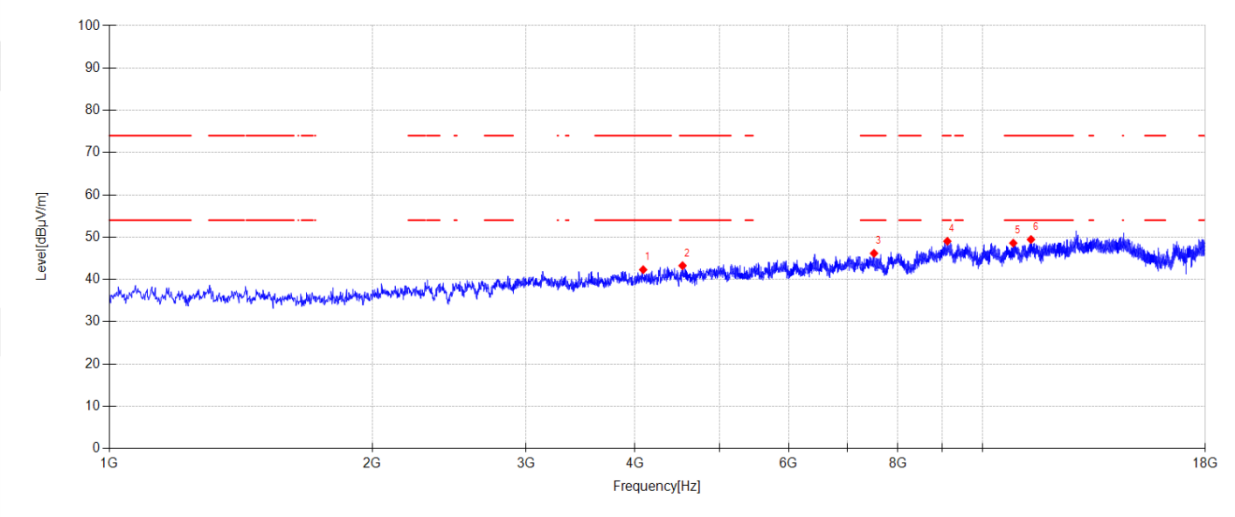
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC Above 1G 2.4G RU\8

Memo:

Sample Number:S25060926-001 Power Setting:10



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	4087.200	46.25	31.13	4.63	-39.71	42.30	74.00	31.70	PK	Vertical
2	4534.300	46.22	31.85	4.93	-39.75	43.25	74.00	30.75	PK	Vertical
3	7512.700	43.50	36.72	5.80	-39.85	46.17	74.00	27.83	PK	Vertical
4	9115.800	42.67	38.32	6.78	-38.73	49.04	74.00	24.96	PK	Vertical
5	10846.400	41.63	39.28	7.30	-39.62	48.59	74.00	25.41	PK	Vertical
6	11364.900	42.10	39.38	7.56	-39.60	49.44	74.00	24.56	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:

2025-12-10

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

11AX20RU0 2412 TX Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

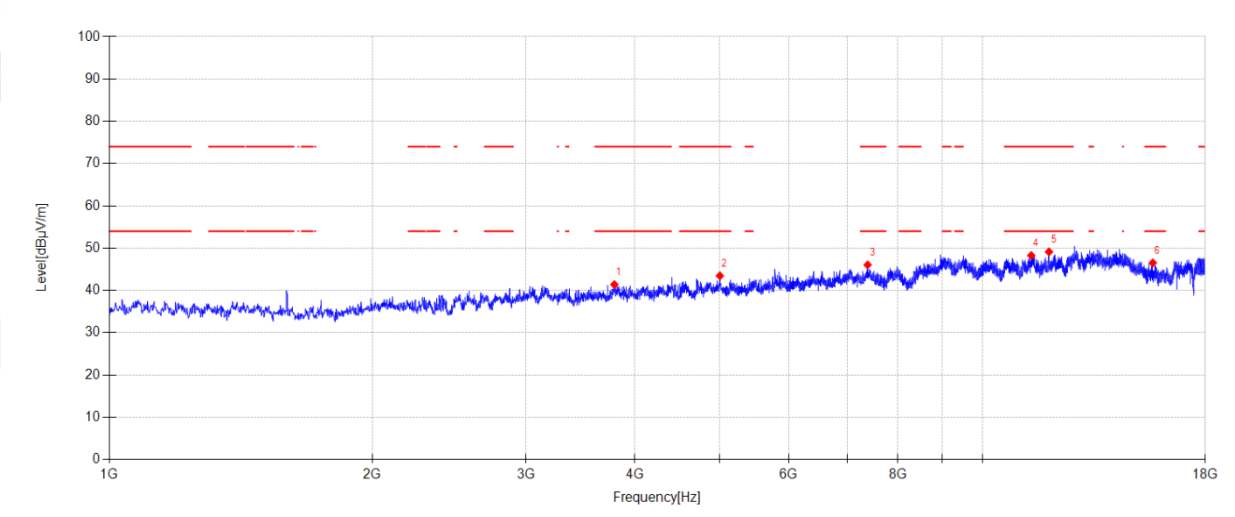
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC Above 1G 2.4G RU\9

Memo:

Sample Number:S25060926-001 Power Setting:10



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	3788.000	45.84	30.64	4.54	-39.62	41.40	74.00	32.60	PK	Horizontal
2	5003.500	45.00	33.01	5.25	-39.80	43.46	74.00	30.54	PK	Horizontal
3	7386.900	43.37	36.78	5.76	-39.86	46.05	74.00	27.95	PK	Horizontal
4	11373.400	40.83	39.48	7.56	-39.60	48.27	74.00	25.73	PK	Horizontal
5	11917.400	42.36	38.59	7.78	-39.60	49.13	74.00	24.87	PK	Horizontal
6	15671.000	38.64	38.65	8.48	-39.24	46.53	74.00	27.47	PK	Horizontal

Note:

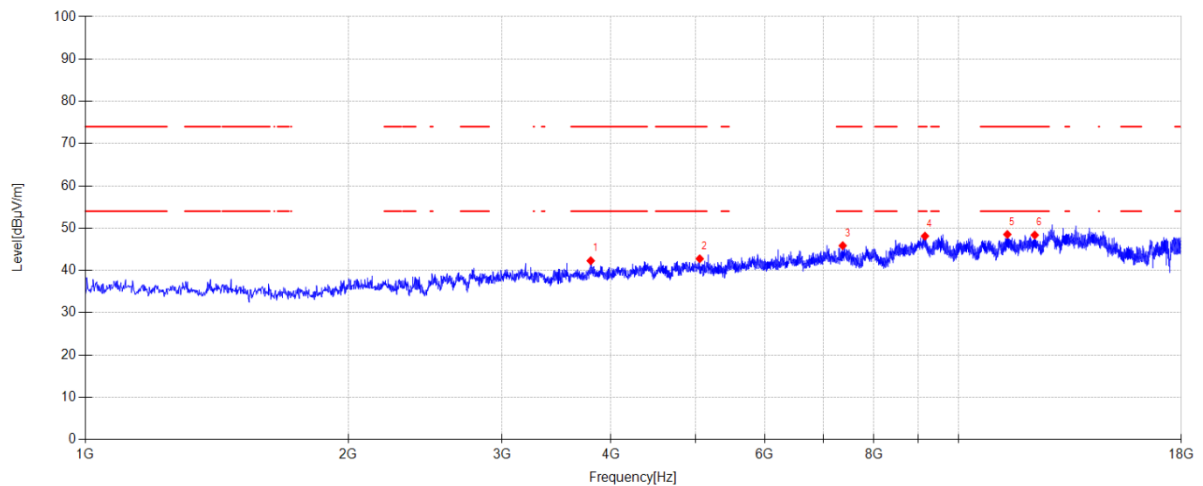
1. Level = Reading + Cable loss + Antenna Factor + AMP

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-12-10 **Tested By:** Nan Zhong
EUT: In-vehicle Multimedia Host **Model Number:** MTD421-B2
Test Mode: 11AX20RU0 2412 TX Mode **Power Supply:** DC 12V
Condition: Temp:22.2°C;Humi:56.2% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25060926-1E\FCC Above 1G 2.4G RU\10
Memo: Sample Number:S25060926-001 Power Setting:10

**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	3791.400	46.66	30.71	4.54	-39.62	42.29	74.00	31.71	PK	Vertical
2	5054.500	44.24	33.05	5.27	-39.79	42.77	74.00	31.23	PK	Vertical
3	7369.900	43.09	36.88	5.75	-39.86	45.86	74.00	28.14	PK	Vertical
4	9154.900	41.17	38.94	6.78	-38.77	48.12	74.00	25.88	PK	Vertical
5	11375.100	41.06	39.50	7.56	-39.60	48.52	74.00	25.48	PK	Vertical
6	12228.500	40.72	39.26	7.81	-39.42	48.37	74.00	25.63	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.

PCB A:

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11AX20 2412MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

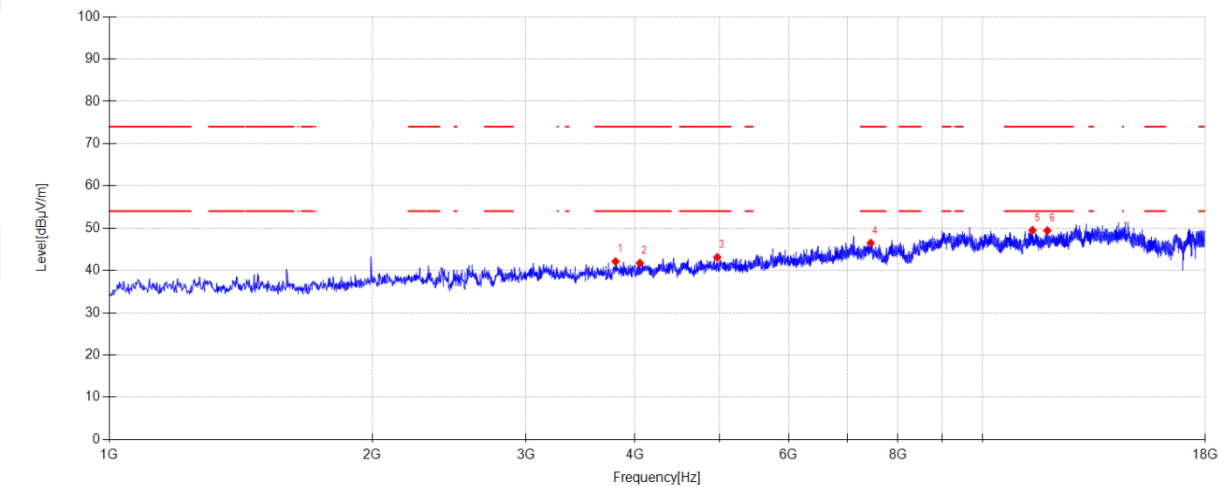
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\31

Memo:

Sample Number:S25060926-001



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	3799.900	46.74	30.90	4.08	-39.62	42.10	74.00	31.90	PK	Horizontal
2	4051.500	46.18	31.20	4.07	-39.71	41.74	74.00	32.26	PK	Horizontal
3	4969.500	45.32	33.06	4.52	-39.80	43.10	74.00	30.90	PK	Horizontal
4	7448.100	44.33	36.60	5.41	-39.86	46.48	74.00	27.52	PK	Horizontal
5	11410.800	42.74	39.69	6.69	-39.60	49.52	74.00	24.48	PK	Horizontal
6	11866.400	43.51	38.53	6.98	-39.60	49.42	74.00	24.58	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11AX20 2412MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

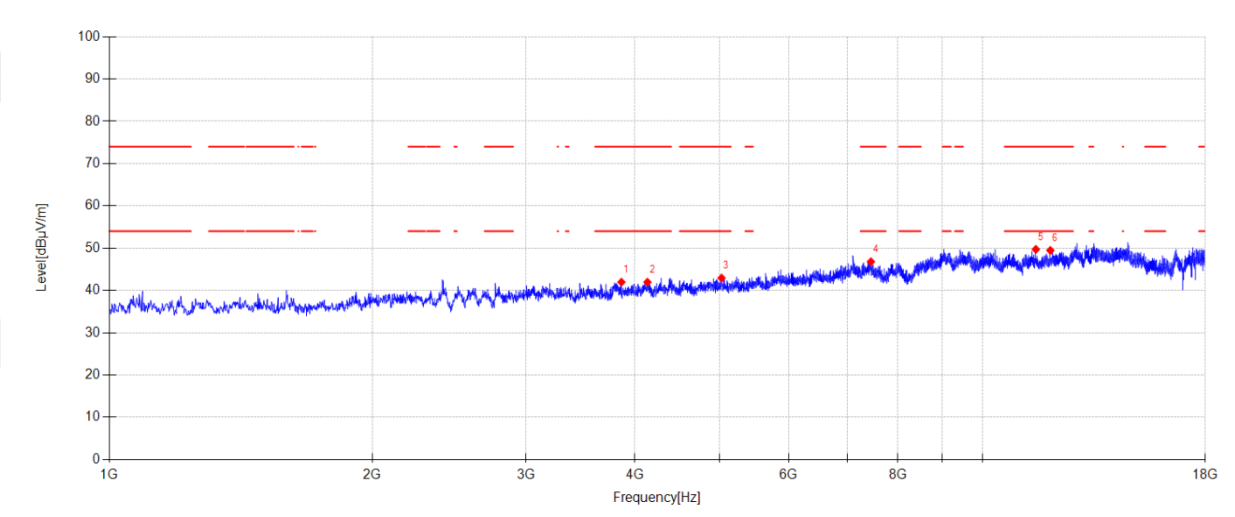
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\32

Memo:

Sample Number:S25060926-001



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	3859.400	47.13	30.41	4.07	-39.64	41.97	74.00	32.03	PK	Vertical
2	4133.100	46.21	31.36	4.11	-39.71	41.97	74.00	32.03	PK	Vertical
3	5025.600	45.14	33.05	4.55	-39.79	42.95	74.00	31.05	PK	Vertical
4	7451.500	44.62	36.61	5.41	-39.85	46.79	74.00	27.21	PK	Vertical
5	11511.100	43.78	38.78	6.76	-39.60	49.72	74.00	24.28	PK	Vertical
6	11961.600	43.21	38.81	7.05	-39.60	49.47	74.00	24.53	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11AX20 2437MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

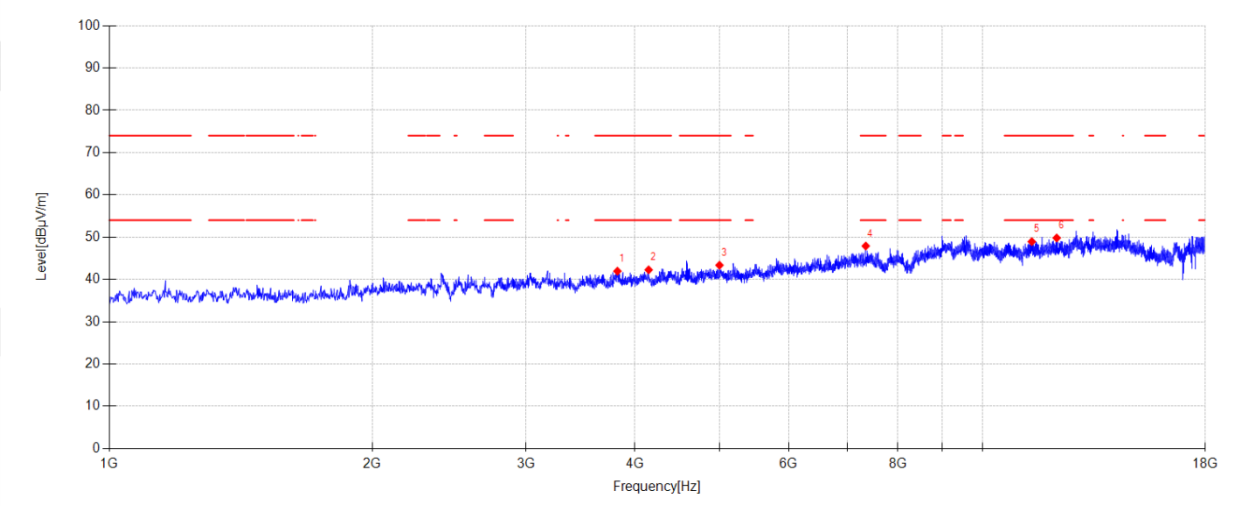
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\33

Memo:

Sample Number:S25060926-001



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	3818.600	46.84	30.68	4.07	-39.63	41.96	74.00	32.04	PK	Horizontal
2	4146.700	46.40	31.47	4.11	-39.71	42.27	74.00	31.73	PK	Horizontal
3	4998.400	45.62	33.00	4.54	-39.80	43.36	74.00	30.64	PK	Horizontal
4	7351.200	45.40	36.99	5.38	-39.86	47.91	74.00	26.09	PK	Horizontal
5	11390.400	42.18	39.68	6.68	-39.60	48.94	74.00	25.06	PK	Horizontal
6	12162.200	42.97	39.31	7.00	-39.47	49.81	74.00	24.19	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11AX20 2437MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

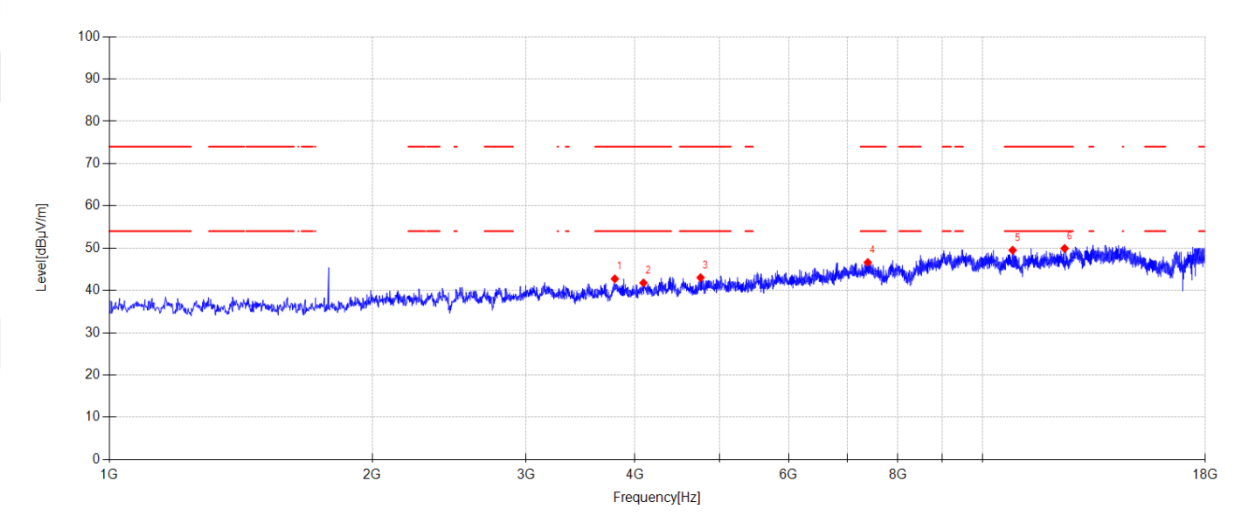
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\34

Memo:

Sample Number:S25060926-001



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	3793.100	47.54	30.75	4.08	-39.62	42.75	74.00	31.25	PK	Vertical
2	4090.600	46.30	31.12	4.09	-39.71	41.80	74.00	32.20	PK	Vertical
3	4755.300	46.21	32.19	4.42	-39.78	43.04	74.00	30.96	PK	Vertical
4	7390.300	44.33	36.76	5.40	-39.86	46.63	74.00	27.37	PK	Vertical
5	10829.400	43.50	39.18	6.46	-39.62	49.52	74.00	24.48	PK	Vertical
6	12420.600	43.10	39.22	6.88	-39.26	49.94	74.00	24.06	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11AX20 2462MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

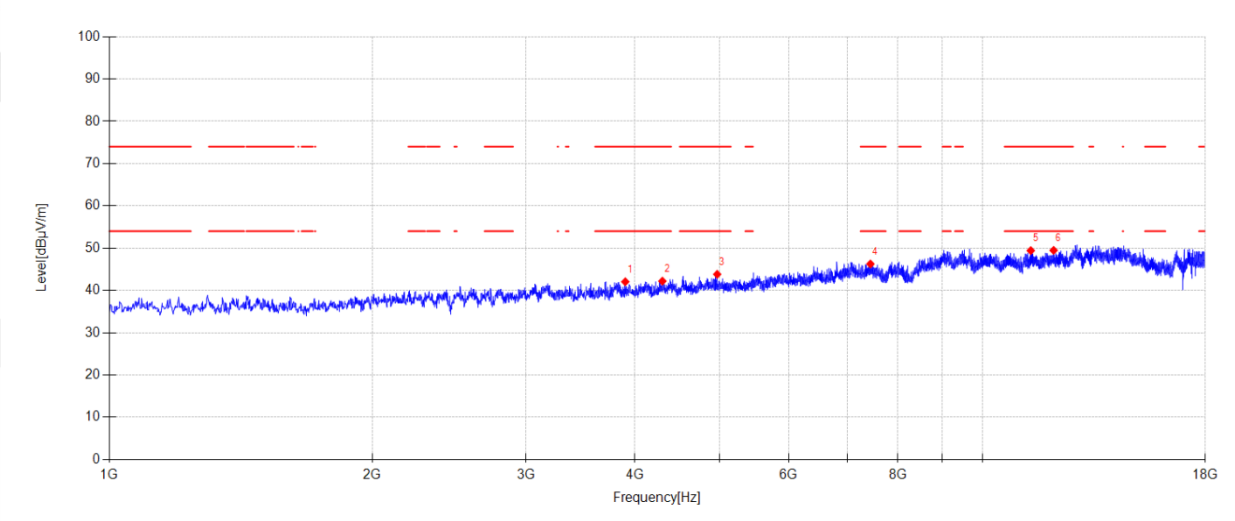
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\35

Memo:

Sample Number:S25060926-001



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	3898.500	46.77	30.88	4.06	-39.66	42.05	74.00	31.95	PK	Horizontal
2	4299.700	45.74	32.00	4.19	-39.73	42.20	74.00	31.80	PK	Horizontal
3	4967.800	46.04	33.06	4.52	-39.80	43.82	74.00	30.18	PK	Horizontal
4	7441.300	44.09	36.62	5.41	-39.86	46.26	74.00	27.74	PK	Horizontal
5	11359.800	43.04	39.32	6.66	-39.60	49.42	74.00	24.58	PK	Horizontal
6	12065.300	42.66	39.33	7.04	-39.55	49.48	74.00	24.52	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11AX20 2462MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

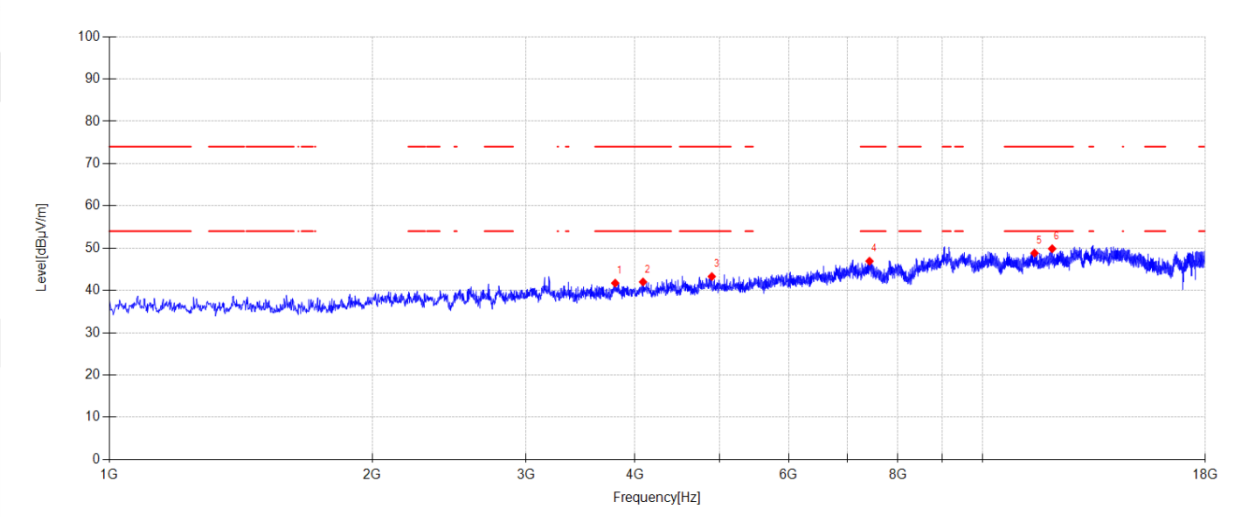
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\36

Memo:

Sample Number:S25060926-001



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	46.45	30.82	4.08	-39.62	41.73	74.00	32.27	PK	Vertical
2	4085.500	46.51	31.13	4.08	-39.71	42.01	74.00	31.99	PK	Vertical
3	4898.100	45.50	33.09	4.49	-39.79	43.29	74.00	30.71	PK	Vertical
4	7424.300	44.73	36.65	5.40	-39.86	46.92	74.00	27.08	PK	Vertical
5	11472.000	42.61	39.08	6.73	-39.60	48.82	74.00	25.18	PK	Vertical
6	12017.700	43.30	39.09	7.06	-39.59	49.86	74.00	24.14	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:

2025-12-10

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

11AX20RU8 2462 TX Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

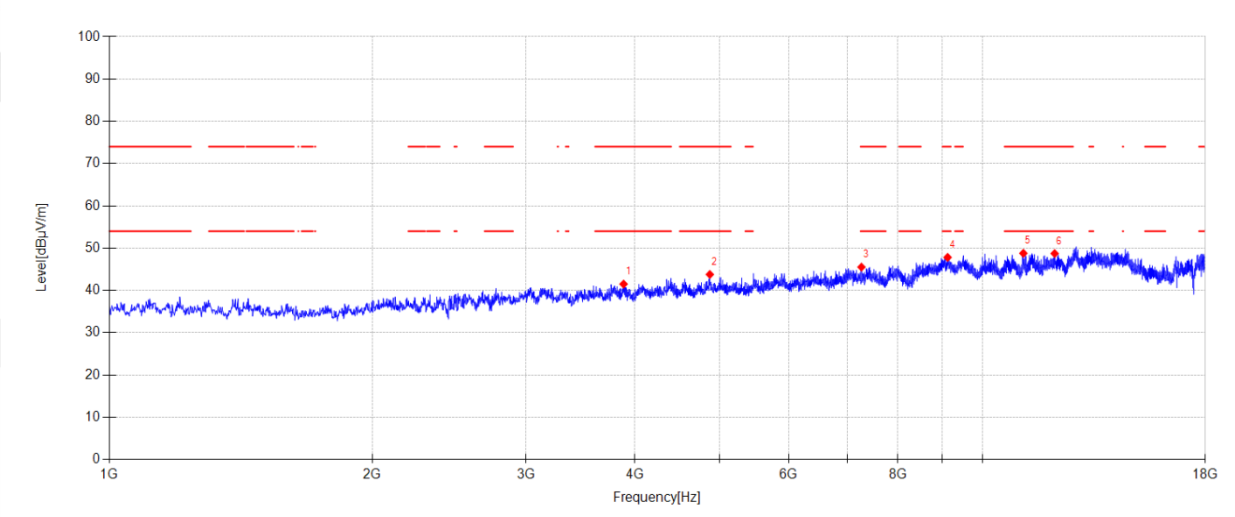
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC Above 1G 2.4G RU\11

Memo:

Sample Number:S25060926-001 Power Setting:10



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	3881.500	45.93	30.68	4.55	-39.65	41.51	74.00	32.49	PK	Horizontal
2	4872.600	45.42	32.99	5.16	-39.79	43.78	74.00	30.22	PK	Horizontal
3	7267.900	42.69	37.00	5.71	-39.87	45.53	74.00	28.47	PK	Horizontal
4	9122.600	41.32	38.45	6.78	-38.73	47.82	74.00	26.18	PK	Horizontal
5	11138.800	42.06	38.86	7.47	-39.60	48.79	74.00	25.21	PK	Horizontal
6	12097.600	40.95	39.49	7.81	-39.52	48.73	74.00	25.27	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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-12-10

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

11AX20RU8 2462 TX Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

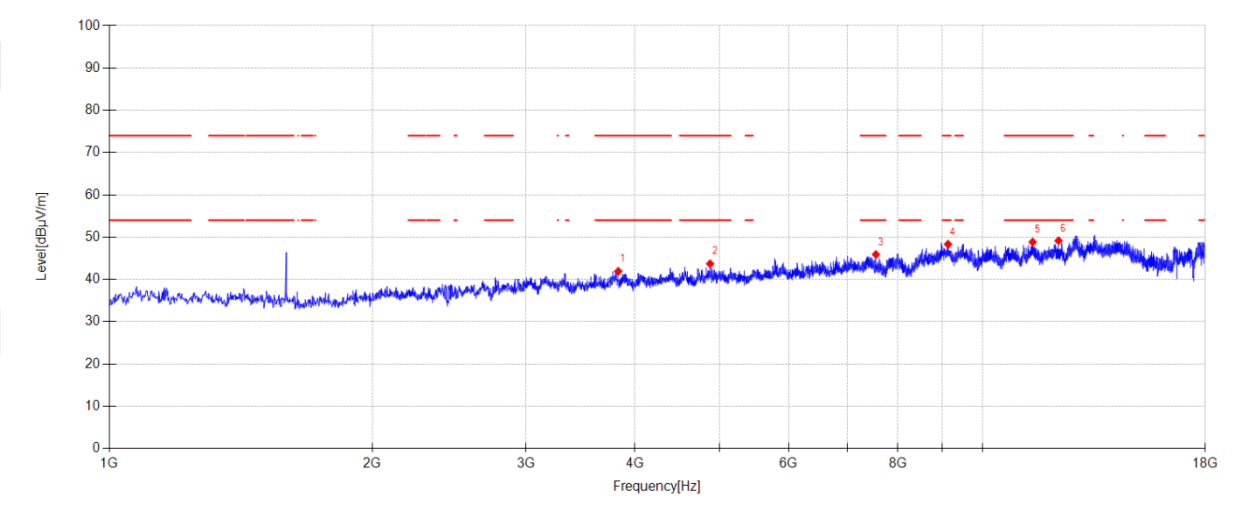
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC Above 1G 2.4G RU\12

Memo:

Sample Number:S25060926-001 Power Setting:10



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	46.45	30.57	4.55	-39.63	41.94	74.00	32.06	PK	Vertical
2	4876.000	45.33	33.00	5.17	-39.79	43.71	74.00	30.29	PK	Vertical
3	7550.100	43.73	36.20	5.81	-39.84	45.90	74.00	28.10	PK	Vertical
4	9132.800	41.64	38.66	6.78	-38.75	48.33	74.00	25.67	PK	Vertical
5	11415.900	41.23	39.64	7.58	-39.60	48.85	74.00	25.15	PK	Vertical
6	12221.700	41.53	39.24	7.81	-39.42	49.16	74.00	24.84	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:

2026-02-10

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

11AX20RU4 2437 TX Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

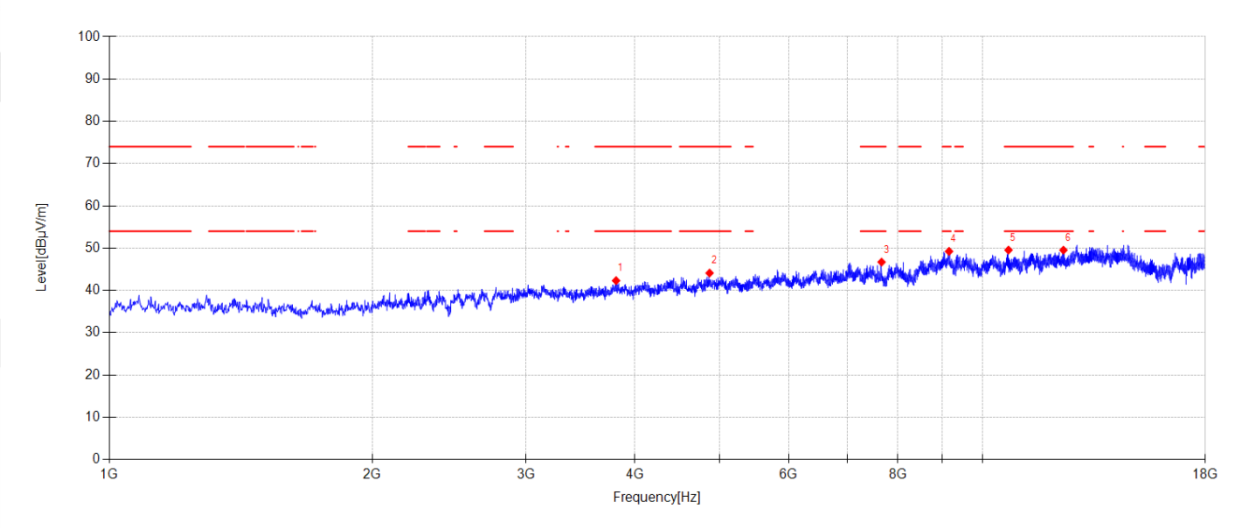
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC Above 1G 2.4G RU\13

Memo:

Sample Number:S25060926-001 Power Setting:10



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	3805.000	46.56	30.84	4.54	-39.62	42.32	74.00	31.68	PK	Horizontal
2	4869.200	45.76	32.98	5.16	-39.79	44.11	74.00	29.89	PK	Horizontal
3	7664.000	43.77	36.92	5.85	-39.83	46.71	74.00	27.29	PK	Horizontal
4	9156.600	42.31	38.92	6.78	-38.77	49.24	74.00	24.76	PK	Horizontal
5	10710.400	42.53	39.45	7.20	-39.63	49.55	74.00	24.45	PK	Horizontal
6	12381.500	41.86	39.16	7.81	-39.29	49.54	74.00	24.46	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:

2026-02-10

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

11AX20RU4 2437 TX Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

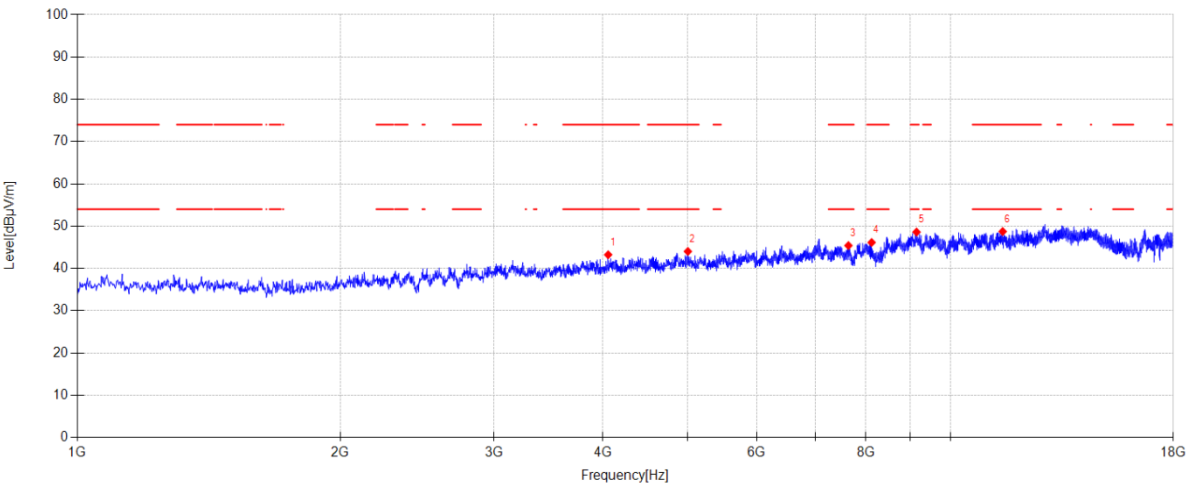
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC Above 1G 2.4G RU\14

Memo:

Sample Number:S25060926-001 Power Setting:10



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	4054.900	47.15	31.19	4.61	-39.71	43.24	74.00	30.76	PK	Vertical
2	5003.500	45.56	33.01	5.25	-39.80	44.02	74.00	29.98	PK	Vertical
3	7640.200	42.57	36.84	5.84	-39.84	45.41	74.00	28.59	PK	Vertical
4	8123.000	42.42	37.30	6.07	-39.65	46.14	74.00	27.86	PK	Vertical
5	9144.700	41.70	38.89	6.78	-38.76	48.61	74.00	25.39	PK	Vertical
6	11477.100	41.70	39.03	7.60	-39.60	48.73	74.00	25.27	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:

2025-12-10

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

11AX20RU0 2412 TX Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

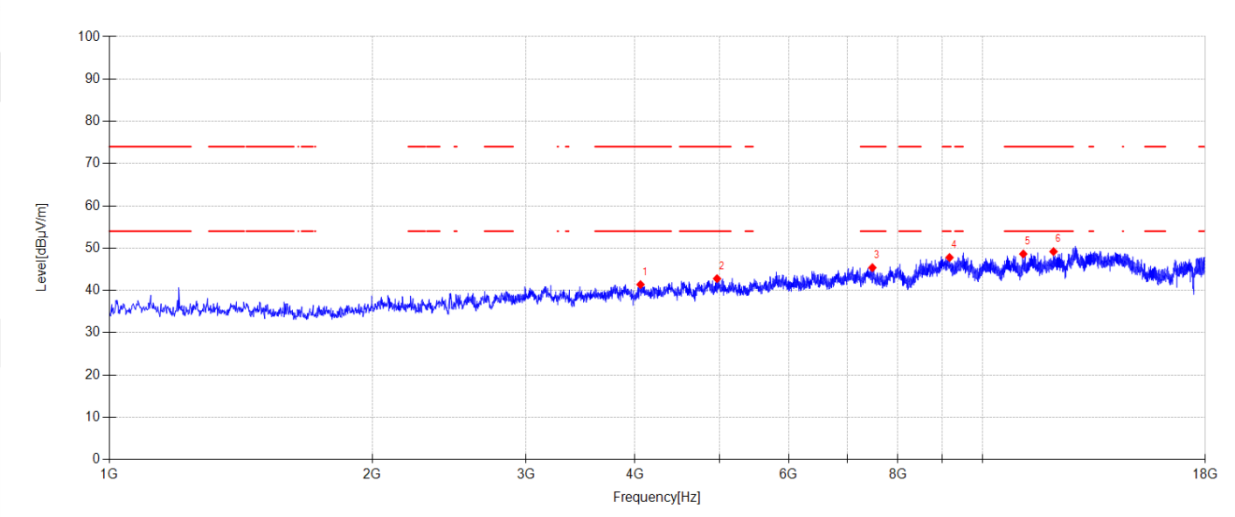
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC Above 1G 2.4G RU\15

Memo:

Sample Number:S25060926-001 Power Setting:10



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	4058.300	45.31	31.18	4.61	-39.71	41.39	74.00	32.61	PK	Horizontal
2	4966.100	44.29	33.07	5.23	-39.80	42.79	74.00	31.21	PK	Horizontal
3	7480.400	42.67	36.78	5.79	-39.85	45.39	74.00	28.61	PK	Horizontal
4	9168.500	41.02	38.78	6.78	-38.79	47.79	74.00	26.21	PK	Horizontal
5	11137.100	41.91	38.86	7.46	-39.60	48.63	74.00	25.37	PK	Horizontal
6	12061.900	41.63	39.31	7.81	-39.55	49.20	74.00	24.80	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-12-10

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

11AX20RU0 2412 TX Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

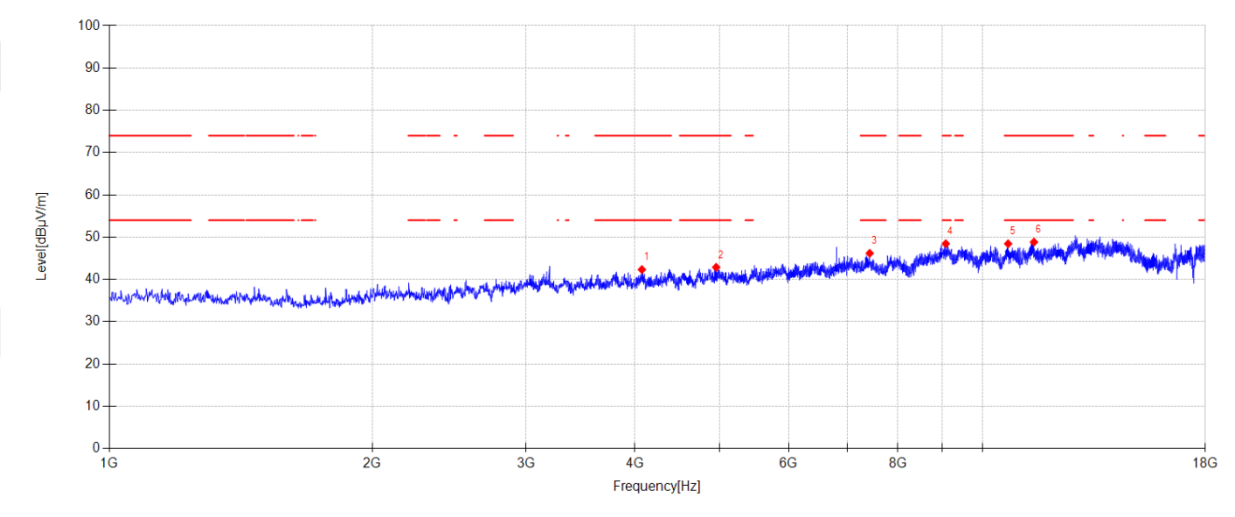
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC Above 1G 2.4G RU\16

Memo:

Sample Number:S25060926-001 Power Setting:10



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	4073.600	46.27	31.15	4.62	-39.71	42.33	74.00	31.67	PK	Vertical
2	4954.200	44.36	33.09	5.22	-39.80	42.87	74.00	31.13	PK	Vertical
3	7427.700	43.64	36.64	5.77	-39.86	46.19	74.00	27.81	PK	Vertical
4	9078.400	41.96	38.39	6.79	-38.69	48.45	74.00	25.55	PK	Vertical
5	10700.200	41.38	39.50	7.19	-39.63	48.44	74.00	25.56	PK	Vertical
6	11455.000	41.59	39.25	7.59	-39.60	48.83	74.00	25.17	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.

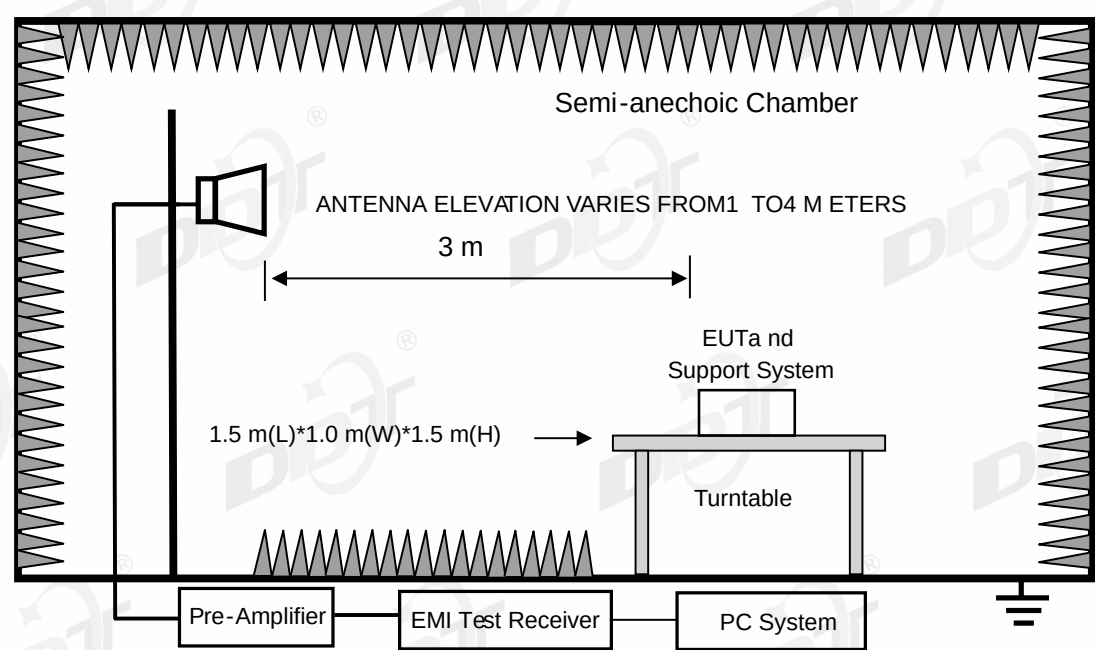
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13. Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To	Cal. Interval
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28	1 Year
Radiation disturbance fully automated test software	Tonscend	JS32-RE	DDT-ZC02739	/	/
Pre-amplifier	SONOMA	310N	DDT-ZC01969	2026/07/06	1 Year
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28	1 Year
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28	1 Year
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	/	/
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/03/28	1 Year
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28	1 Year
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28	1 Year
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2026/08/10	1 Year
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28	1 Year
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/	/
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28	1 Year
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28	1 Year
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2026/04/01	1 Year
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2026/07/25	1 Year
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2026/08/11	1 Year
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2026/08/18	1 Year
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28	1 Year

13.2. Block diagram of test setup



13.3. Limits

All restriction band should comply with 15.209 and RSS-Gen section 8.9 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
Laptop	Lenovo	00425-00000-00002-AA135	NA

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

PCB B:

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-09-30

Tested By: Nan Zhong

EUT: In-vehicle Multimedia Host

Model Number: MTD421-B2

Test Mode: TX 11N20 2462MHz Mode

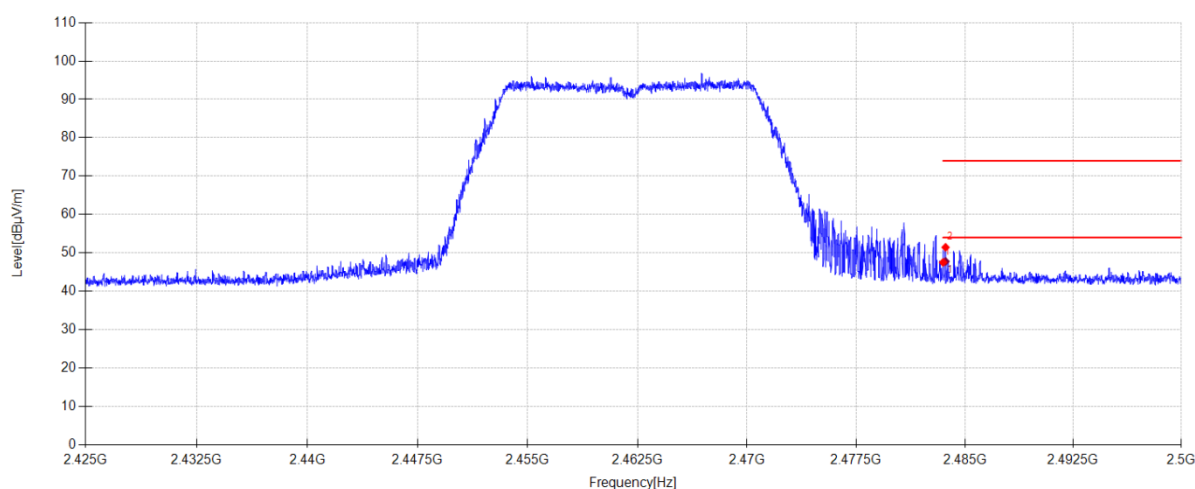
Power Supply: DC 12V

Condition: Temp:22.2°C;Humi:56.2%

Test Site: DDT 3# Chamber

File Path: d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\7

Memo: Sample Number:S25060926-001



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	15.58	27.54	4.40	0.00	47.52	74.00	26.48	PK	Horizontal
2	2483.673	19.51	27.54	4.40	0.00	51.45	74.00	22.55	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	2483.673	15.84	27.54	4.40	47.78	54.00	6.22	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11N20 2462MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

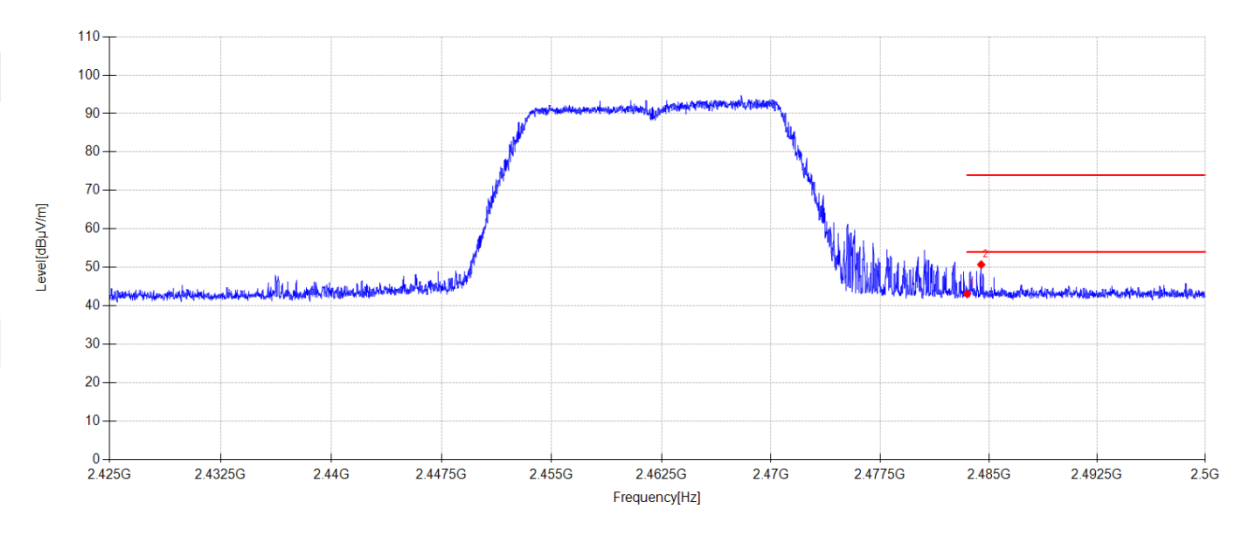
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\8

Memo:

Sample Number:S25060926-001



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	11.16	27.54	4.40	0.00	43.10	74.00	30.90	PK	Vertical
2	2484.475	18.79	27.54	4.39	0.00	50.72	74.00	23.28	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11N20 2412MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

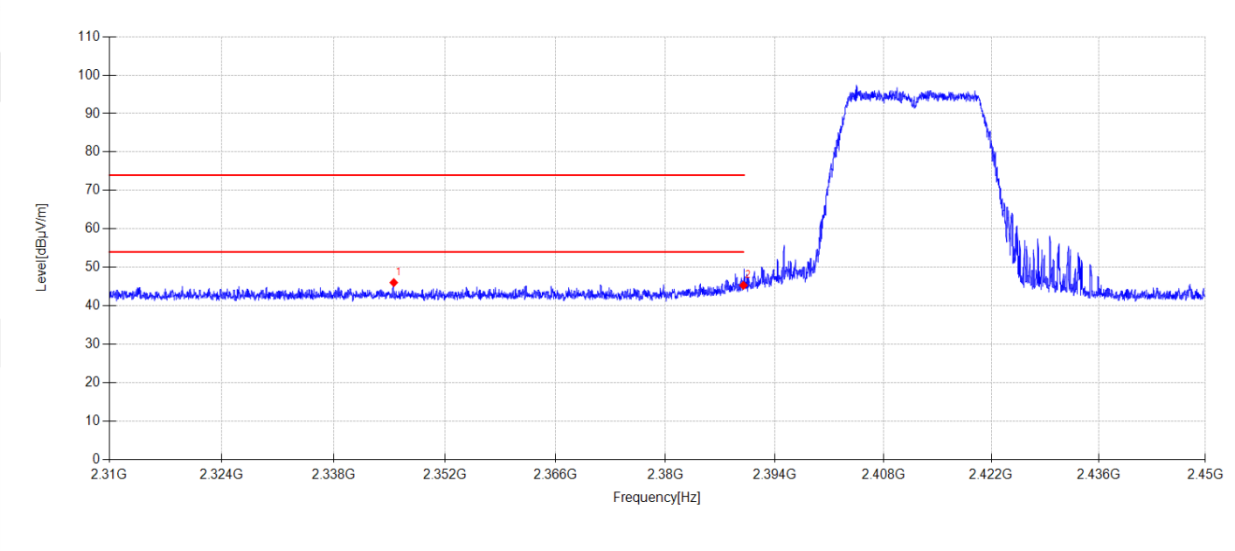
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\9

Memo:

Sample Number:S25060926-001



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	2345.546	13.93	27.68	4.44	0.00	46.05	74.00	27.95	PK	Horizontal
2	2390.000	13.43	27.46	4.43	0.00	45.32	74.00	28.68	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11N20 2412MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

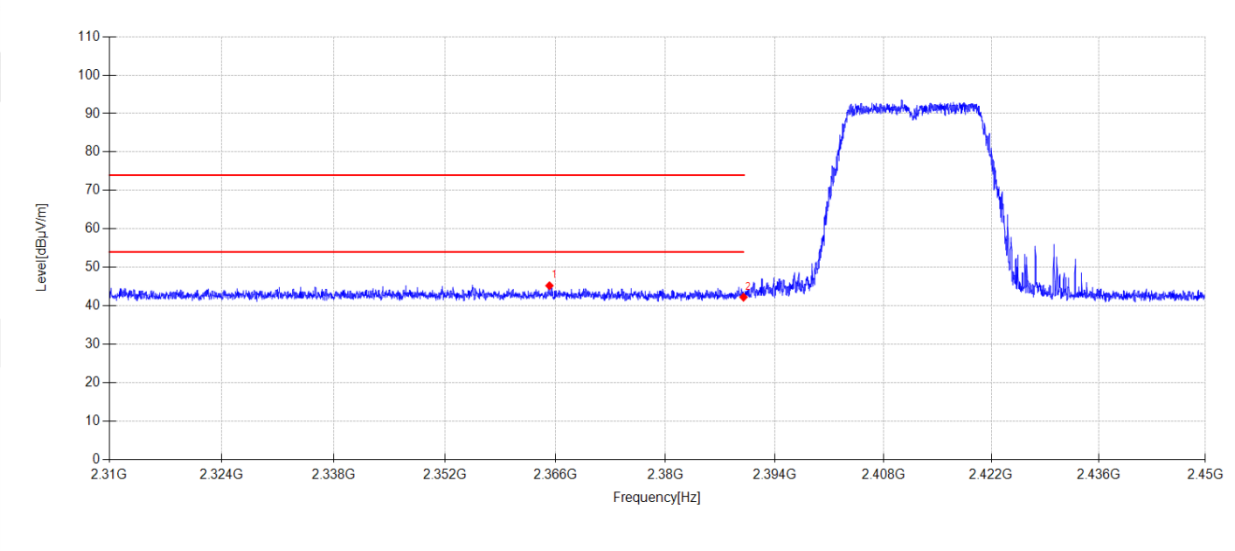
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\10

Memo:

Sample Number:S25060926-001



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	2365.230	13.19	27.61	4.43	0.00	45.23	74.00	28.77	PK	Vertical
2	2390.000	10.36	27.46	4.43	0.00	42.25	74.00	31.75	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11AX20 2412MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

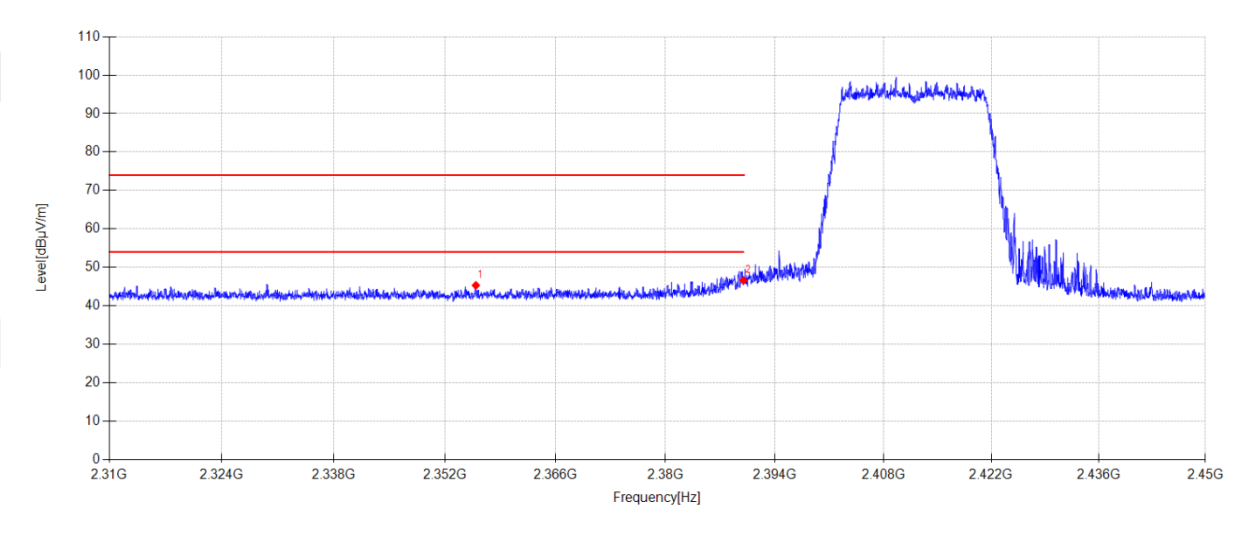
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\11

Memo:

Sample Number:S25060926-001



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	2355.906	13.22	27.66	4.44	0.00	45.32	74.00	28.68	PK	Horizontal
2	2390.000	14.72	27.46	4.43	0.00	46.61	74.00	27.39	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11AX20 2412MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

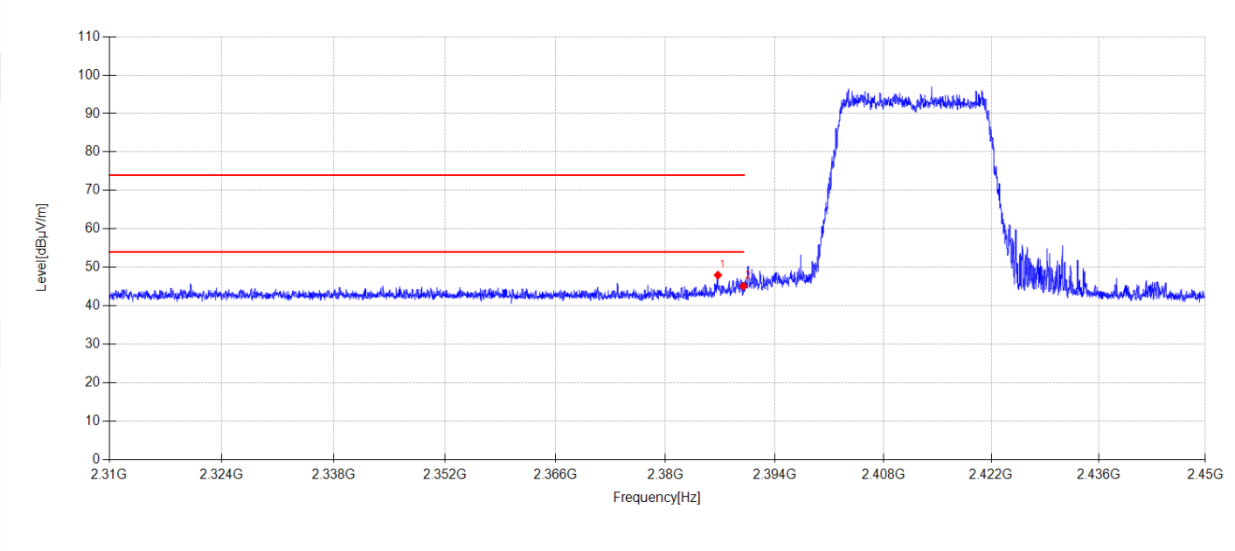
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\12

Memo:

Sample Number:S25060926-001



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	2386.720	16.08	27.48	4.43	0.00	47.99	74.00	26.01	PK	Vertical
2	2390.000	13.24	27.46	4.43	0.00	45.13	74.00	28.87	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11AX20 2462MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

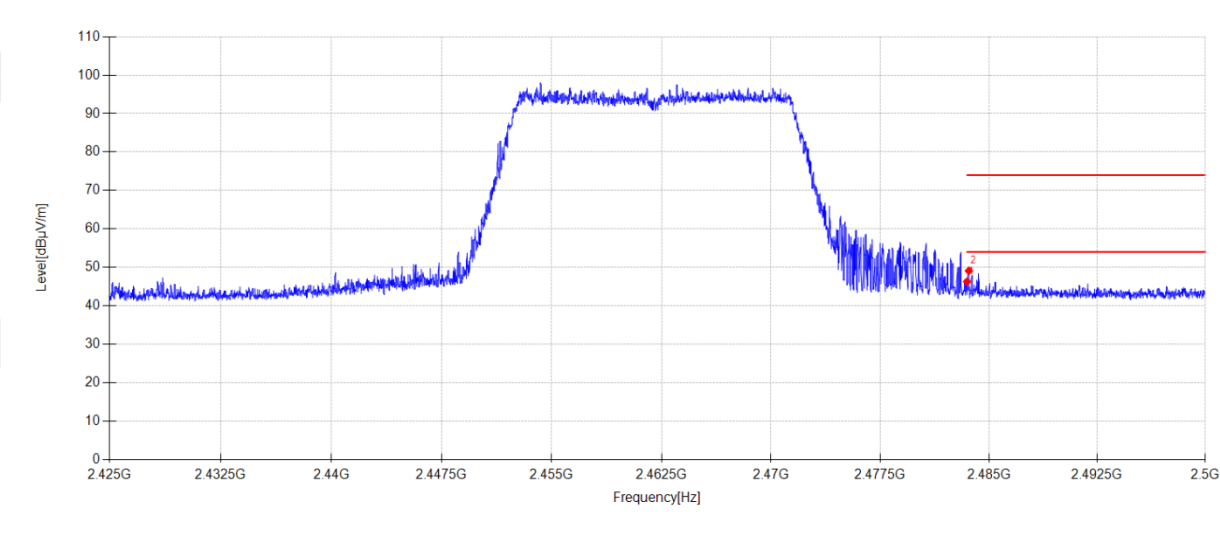
DDT 3# Chamber

File Path:

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Memo:

Sample Number:S25060926-001



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	14.36	27.54	4.40	0.00	46.30	74.00	27.70	PK	Horizontal
2	2483.620	17.17	27.54	4.40	0.00	49.11	74.00	24.89	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11AX20 2462MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

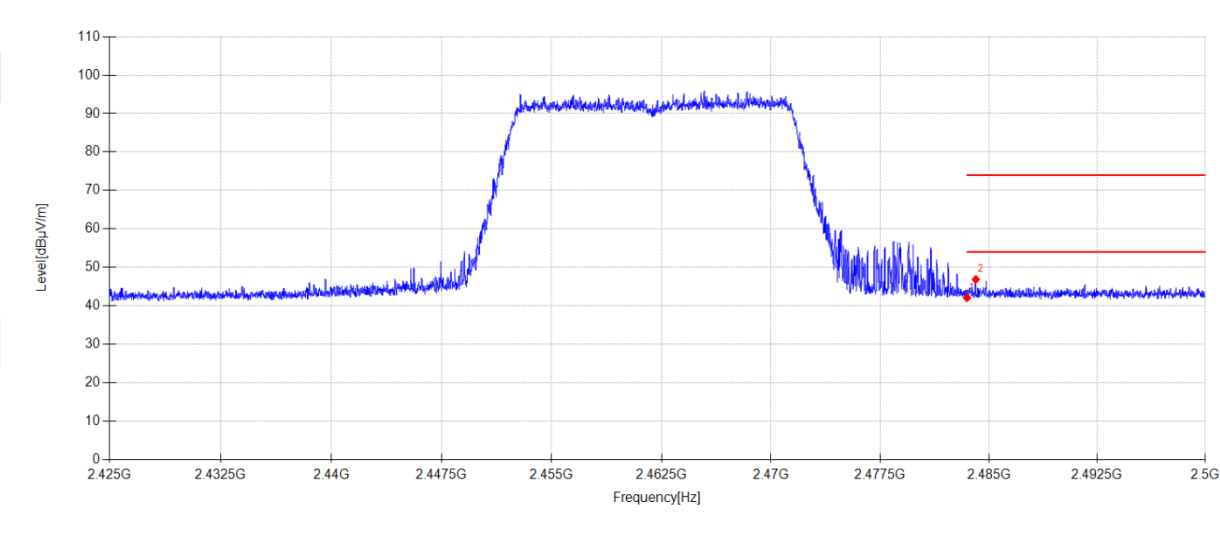
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Memo:

Sample Number:S25060926-001



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	10.14	27.54	4.40	0.00	42.08	74.00	31.92	PK	Vertical
2	2484.100	14.93	27.54	4.40	0.00	46.87	74.00	27.13	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11B 2412MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

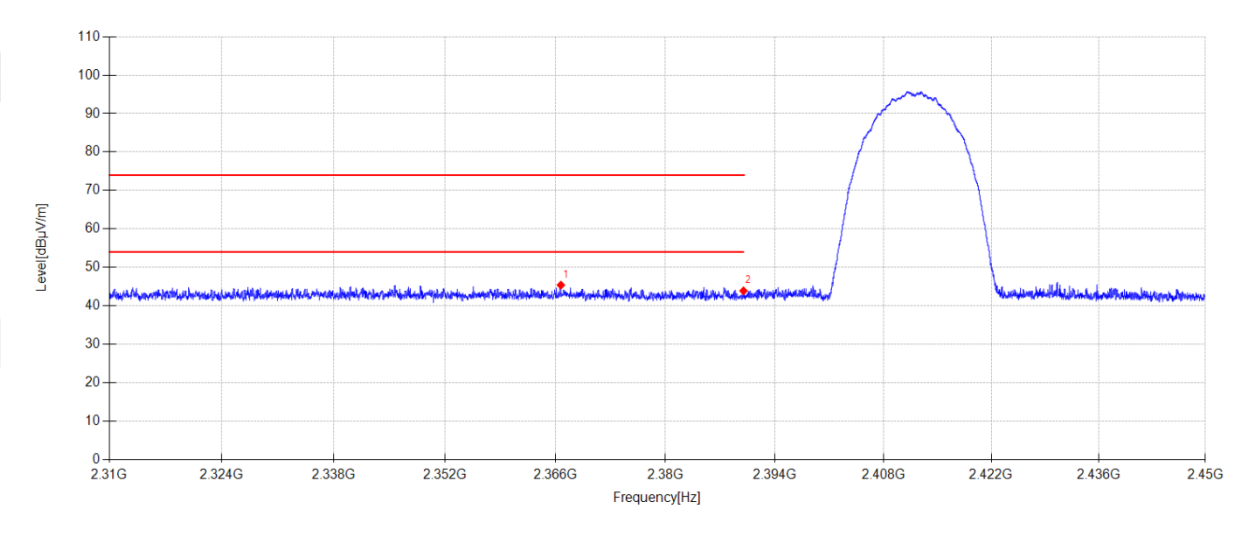
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Memo:

Sample Number:S25060926-001



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	2366.686	13.36	27.60	4.43	0.00	45.39	74.00	28.61	PK	Horizontal
2	2390.000	12.00	27.46	4.43	0.00	43.89	74.00	30.11	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11B 2412MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

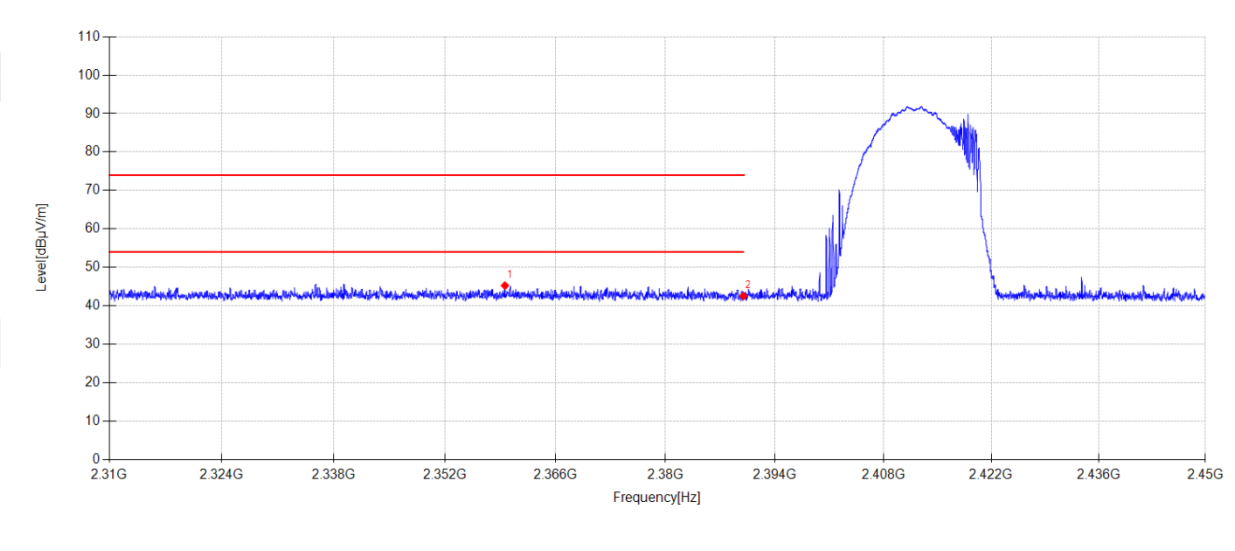
DDT 3# Chamber

File Path:

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Memo:

Sample Number:S25060926-001



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	2359.588	13.19	27.64	4.43	0.00	45.26	74.00	28.74	PK	Vertical
2	2390.000	10.65	27.46	4.43	0.00	42.54	74.00	31.46	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11B 2462MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

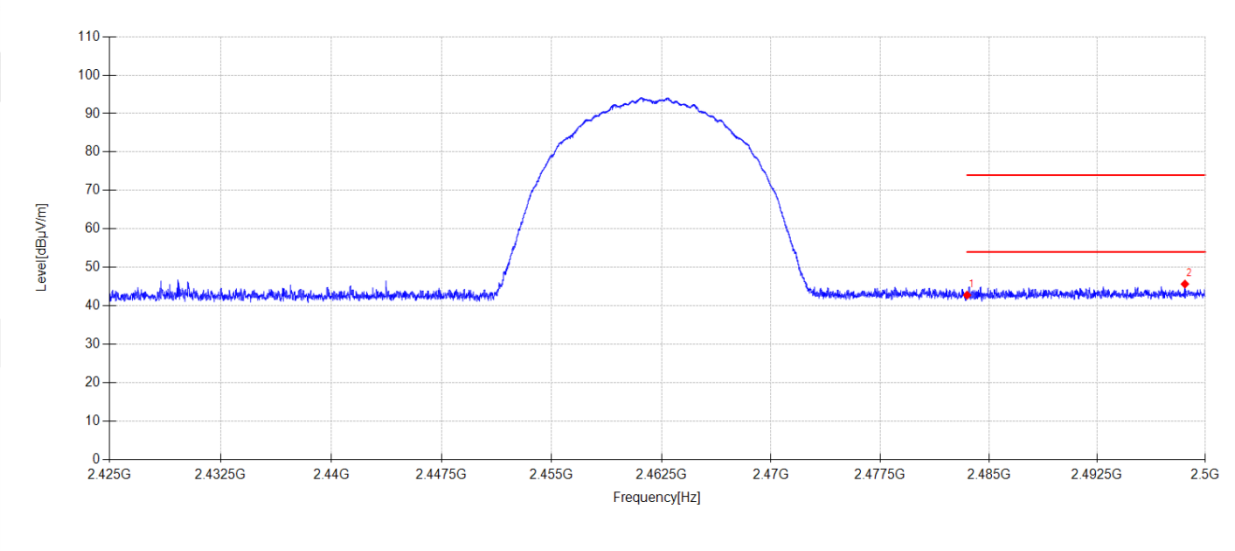
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\19

Memo:

Sample Number:S25060926-001



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	10.84	27.54	4.40	0.00	42.78	74.00	31.22	PK	Horizontal
2	2498.583	13.58	27.69	4.39	0.00	45.66	74.00	28.34	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11B 2462MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

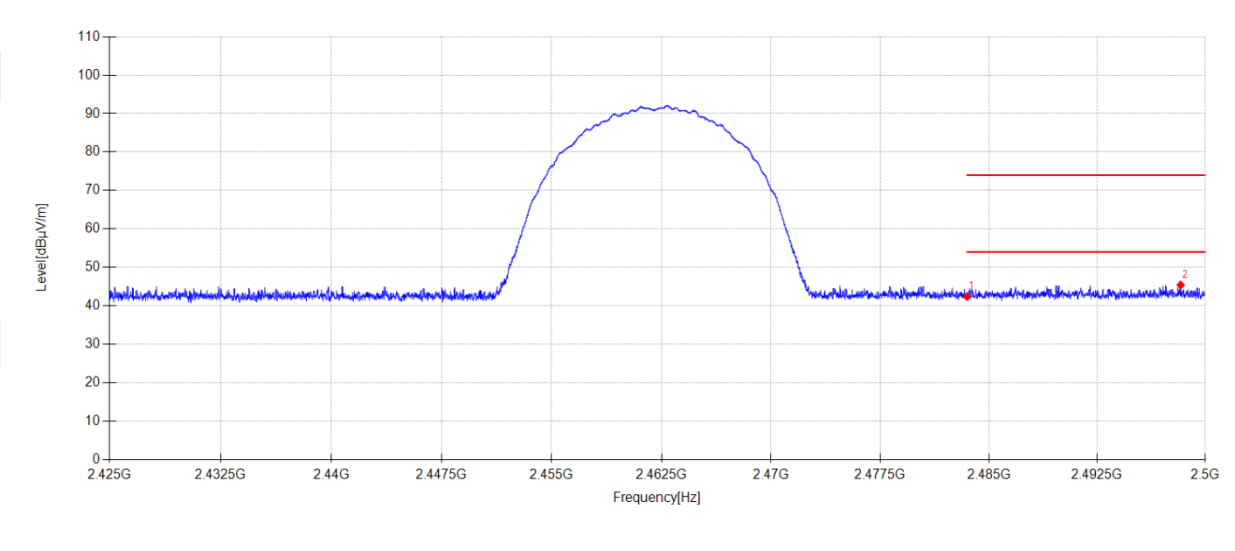
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\20

Memo:

Sample Number:S25060926-001



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	10.46	27.54	4.40	0.00	42.40	74.00	31.60	PK	Vertical
2	2498.290	13.35	27.68	4.39	0.00	45.42	74.00	28.58	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11G 2412MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

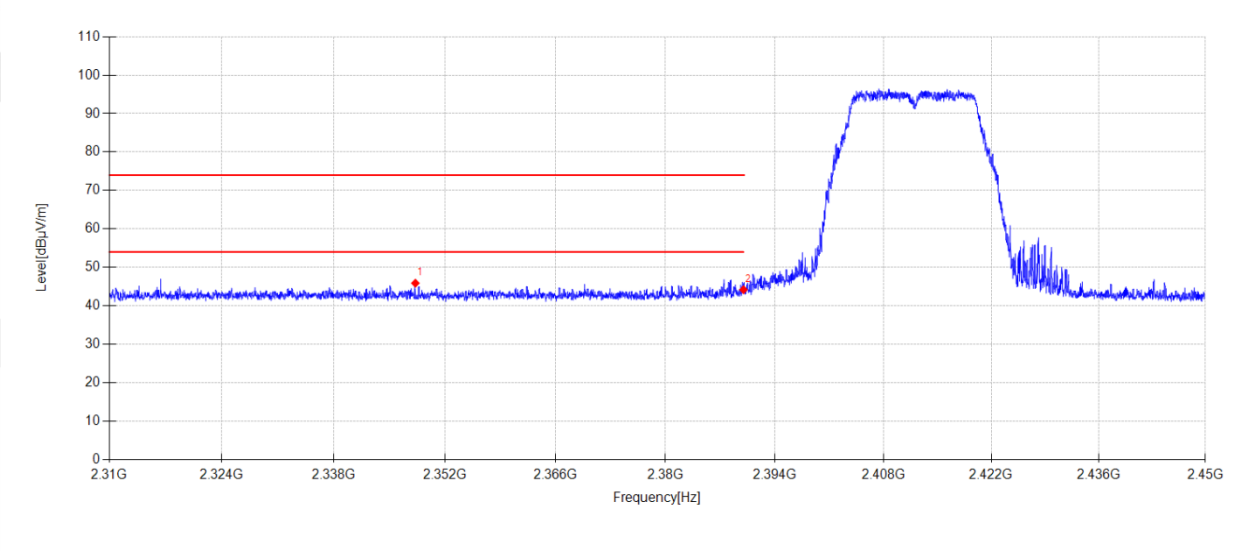
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\23

Memo:

Sample Number:S25060926-001



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	2348.262	13.76	27.69	4.44	0.00	45.89	74.00	28.11	PK	Horizontal
2	2390.000	12.30	27.46	4.43	0.00	44.19	74.00	29.81	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11G 2412MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

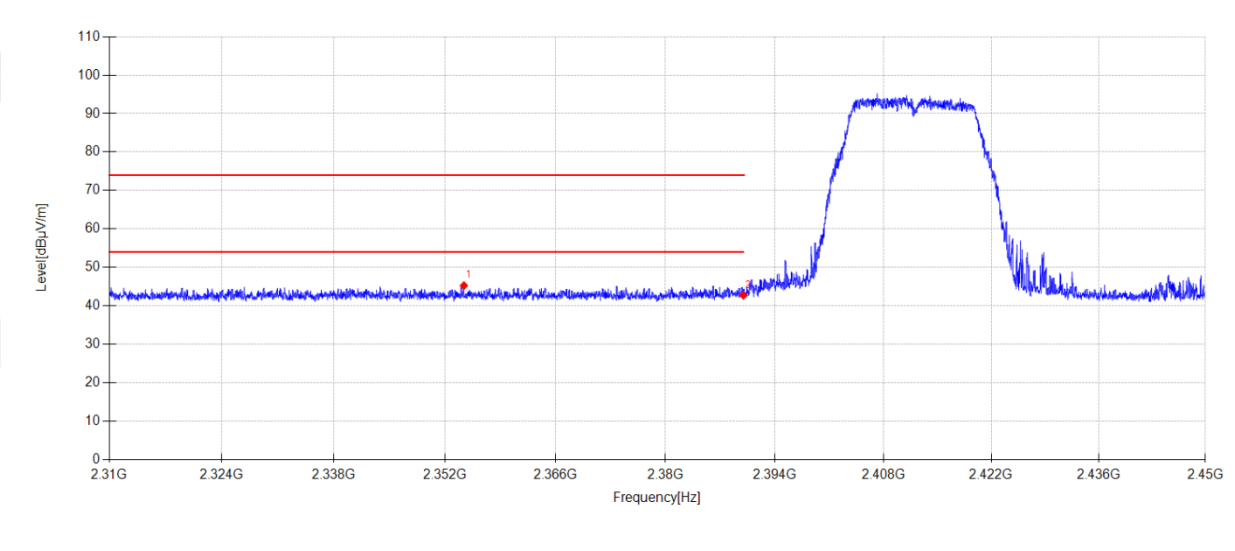
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\24

Memo:

Sample Number:S25060926-001



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	2354.394	13.16	27.67	4.44	0.00	45.27	74.00	28.73	PK	Vertical
2	2390.000	10.86	27.46	4.43	0.00	42.75	74.00	31.25	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11G 2462MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

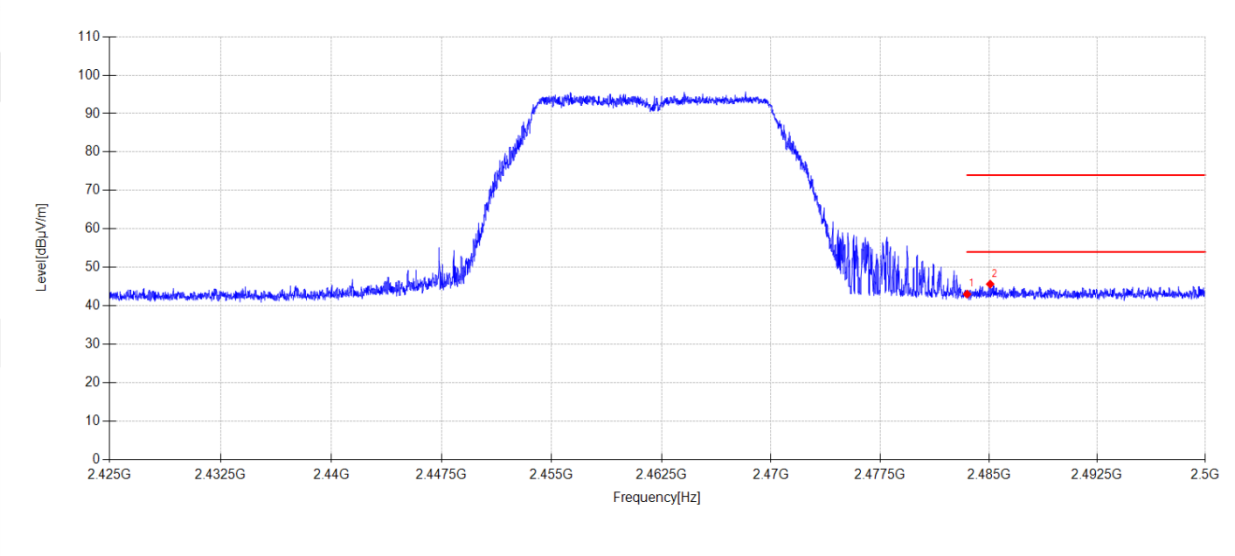
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\29

Memo:

Sample Number:S25060926-001



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	11.10	27.54	4.40	0.00	43.04	74.00	30.96	PK	Horizontal
2	2485.098	13.71	27.55	4.39	0.00	45.65	74.00	28.35	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11G 2462MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

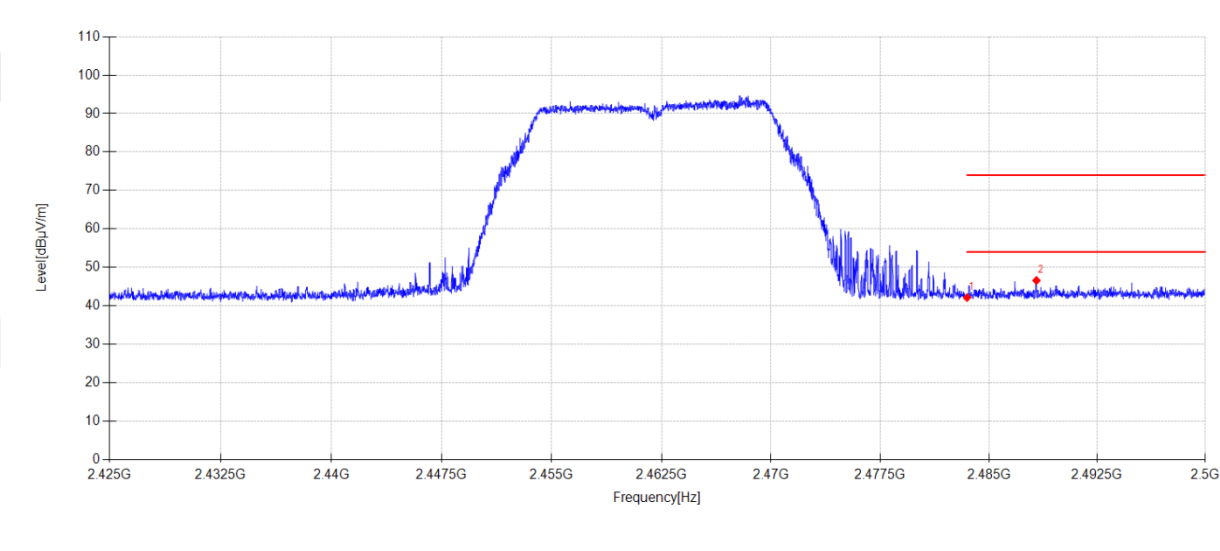
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\30

Memo:

Sample Number:S25060926-001



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	10.22	27.54	4.40	0.00	42.16	74.00	31.84	PK	Vertical
2	2488.293	14.63	27.58	4.39	0.00	46.60	74.00	27.40	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.

PCB A:

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11N20 2412MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

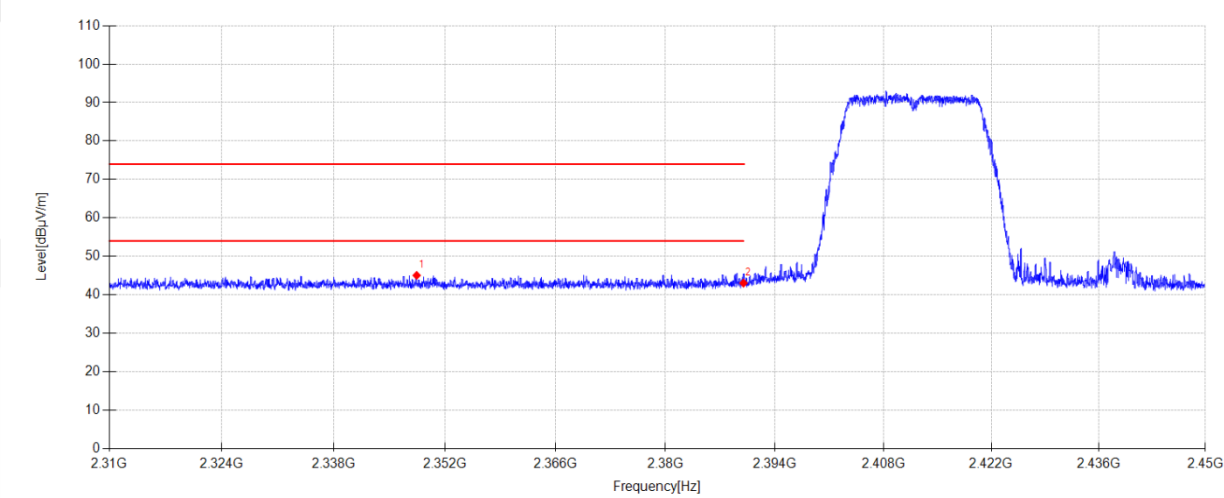
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\37

Memo:

Sample Number:S25060926-001



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	2348.430	12.93	27.69	4.44	0.00	45.06	74.00	28.94	PK	Horizontal
2	2390.000	11.16	27.46	4.43	0.00	43.05	74.00	30.95	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11N20 2412MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

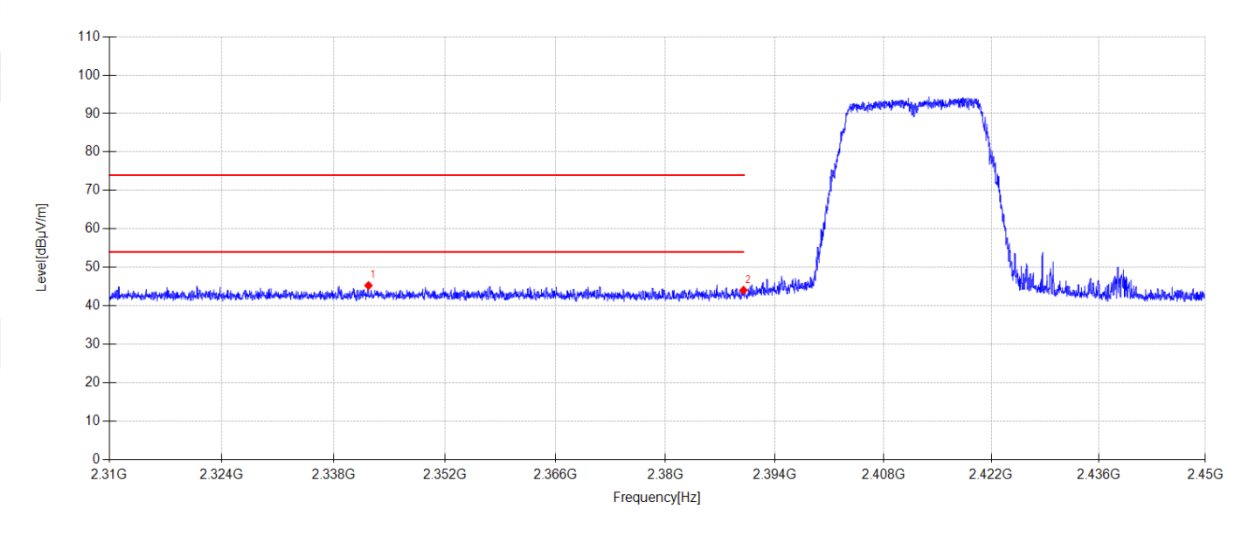
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\38

Memo:

Sample Number:S25060926-001



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	2342.368	13.17	27.67	4.44	0.00	45.28	74.00	28.72	PK	Vertical
2	2390.000	12.17	27.46	4.43	0.00	44.06	74.00	29.94	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11N20 2462MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

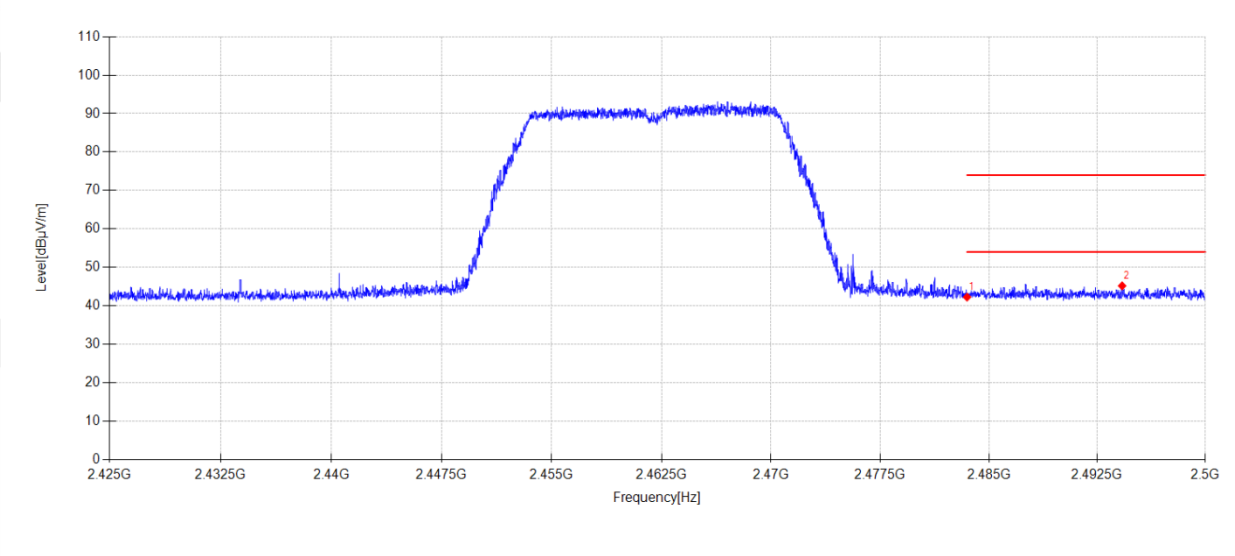
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\39

Memo:

Sample Number:S25060926-001



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	10.33	27.54	4.40	0.00	42.27	74.00	31.73	PK	Horizontal
2	2494.225	13.17	27.64	4.39	0.00	45.20	74.00	28.80	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11N20 2462MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

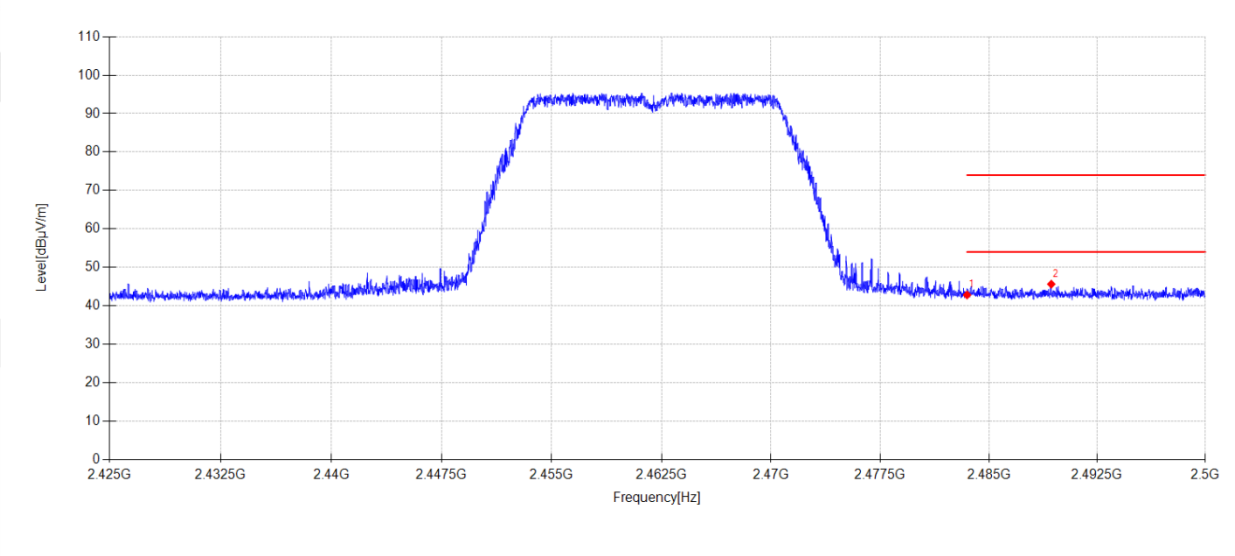
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\40

Memo:

Sample Number:S25060926-001



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	10.89	27.54	4.40	0.00	42.83	74.00	31.17	PK	Vertical
2	2489.320	13.66	27.59	4.39	0.00	45.64	74.00	28.36	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:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11B 2462MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

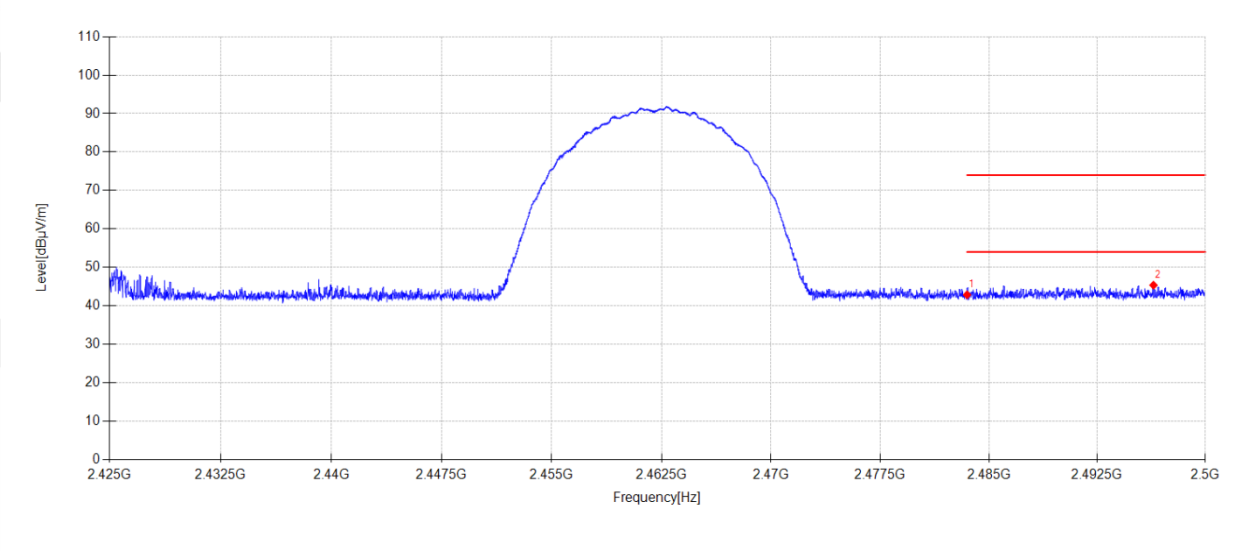
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\41

Memo:

Sample Number:S25060926-001



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	10.92	27.54	4.40	0.00	42.86	74.00	31.14	PK	Horizontal
2	2496.400	13.32	27.66	4.39	0.00	45.37	74.00	28.63	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-09-30

Tested By:

Nan Zhong

EUT:

In-vehicle Multimedia Host

Model Number:

MTD421-B2

Test Mode:

TX 11B 2462MHz Mode

Power Supply:

DC 12V

Condition:

Temp:22.2°C;Humi:56.2%

Test Site:

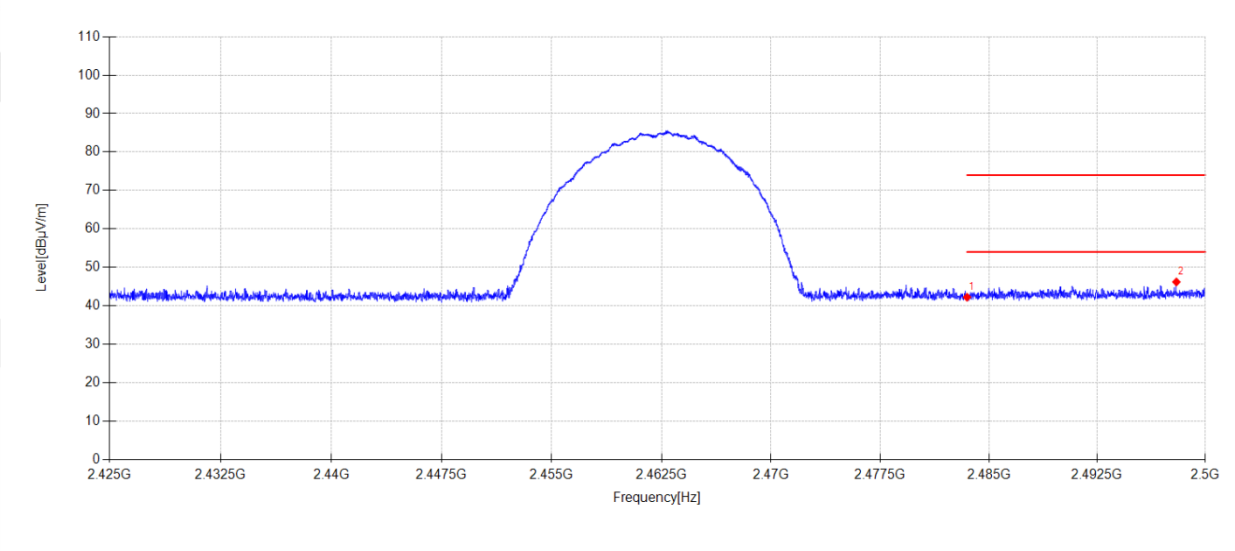
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25060926-1E\FCC ABOVE1G 2.4G\42

Memo:

Sample Number:S25060926-001



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	10.30	27.54	4.40	0.00	42.24	74.00	31.76	PK	Vertical
2	2497.990	14.14	27.68	4.39	0.00	46.21	74.00	27.79	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.