

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-04-22

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 11A TX 5320MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

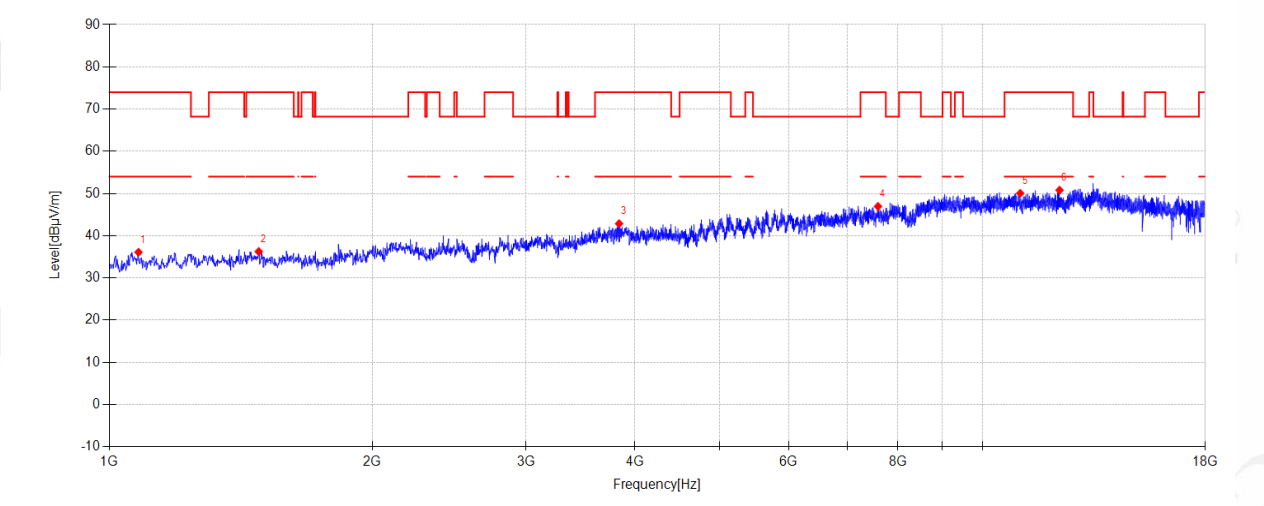
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G ANT2\36

Memo:

Sample Number:S24122405-001 Power Setting:13



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1079.900	45.61	24.46	2.88	-36.86	36.09	74.00	37.91	PK	Vertical
2	1482.800	44.93	25.43	3.34	-37.44	36.26	74.00	37.74	PK	Vertical
3	3835.600	46.40	30.84	5.26	-39.64	42.86	74.00	31.14	PK	Vertical
4	7592.600	43.31	36.49	7.61	-40.47	46.94	74.00	27.06	PK	Vertical
5	11047.000	41.35	39.30	8.45	-39.05	50.05	74.00	23.95	PK	Vertical
6	12254.000	42.30	39.30	9.14	-39.95	50.79	74.00	23.21	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:

2025-04-22

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 11A TX 5500MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

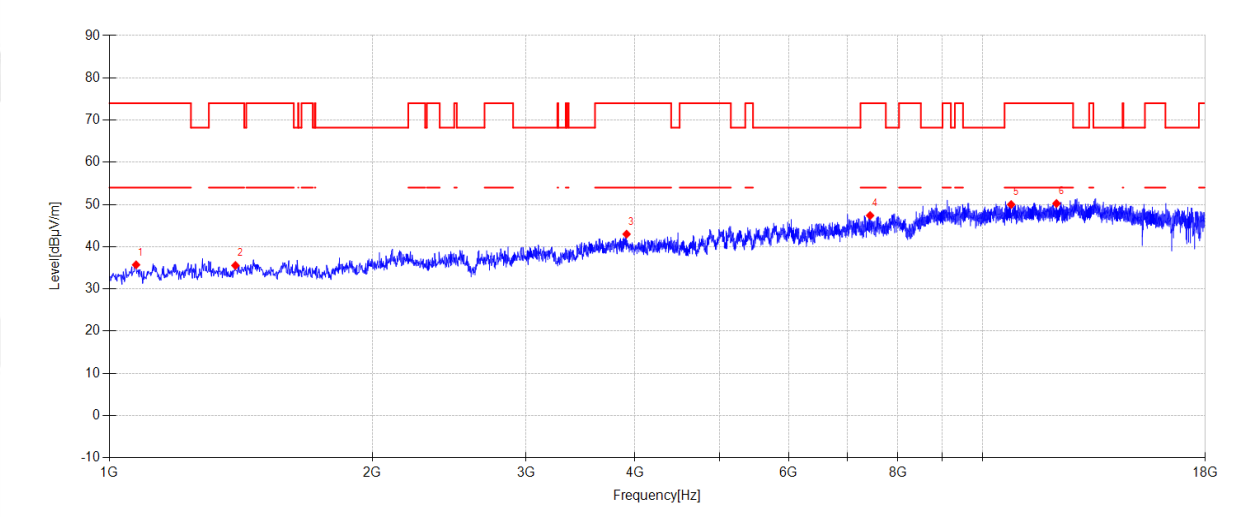
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G ANT2\37

Memo:

Sample Number:S24122405-001 Power Setting:13



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1073.100	45.24	24.45	2.87	-36.85	35.71	74.00	38.29	PK	Horizontal
2	1394.400	44.55	25.07	3.24	-37.31	35.55	74.00	38.45	PK	Horizontal
3	3912.100	46.18	31.18	5.28	-39.66	42.98	74.00	31.02	PK	Horizontal
4	7436.200	43.86	36.63	7.51	-40.61	47.39	74.00	26.61	PK	Horizontal
5	10785.200	41.37	39.40	8.35	-39.13	49.99	74.00	24.01	PK	Horizontal
6	12157.100	41.82	39.30	9.09	-39.97	50.24	74.00	23.76	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-04-22

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 11A TX 5500MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

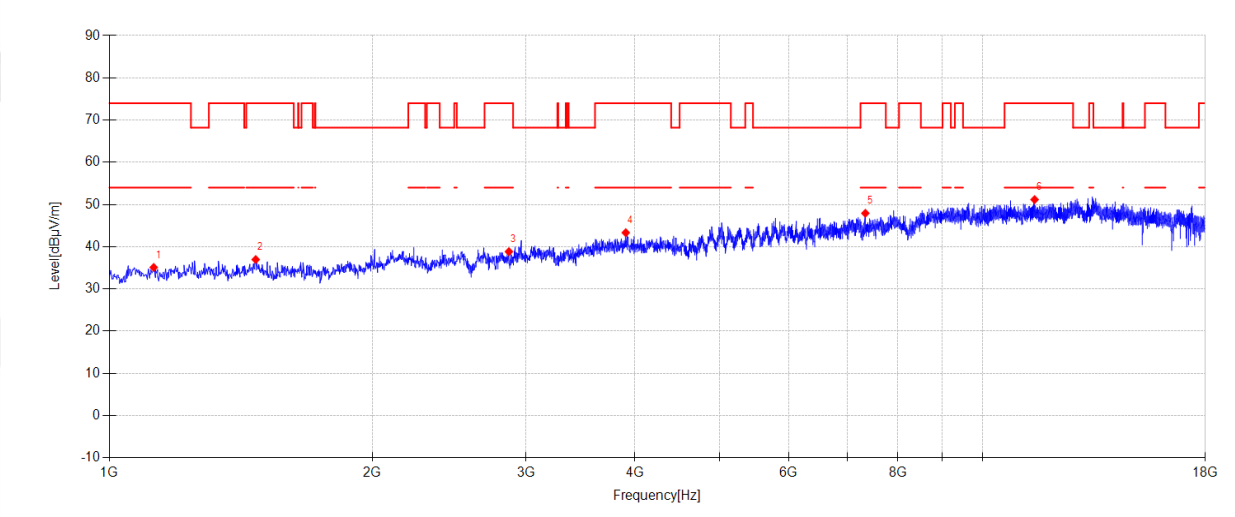
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G ANT2\38

Memo:

Sample Number:S24122405-001 Power Setting:13



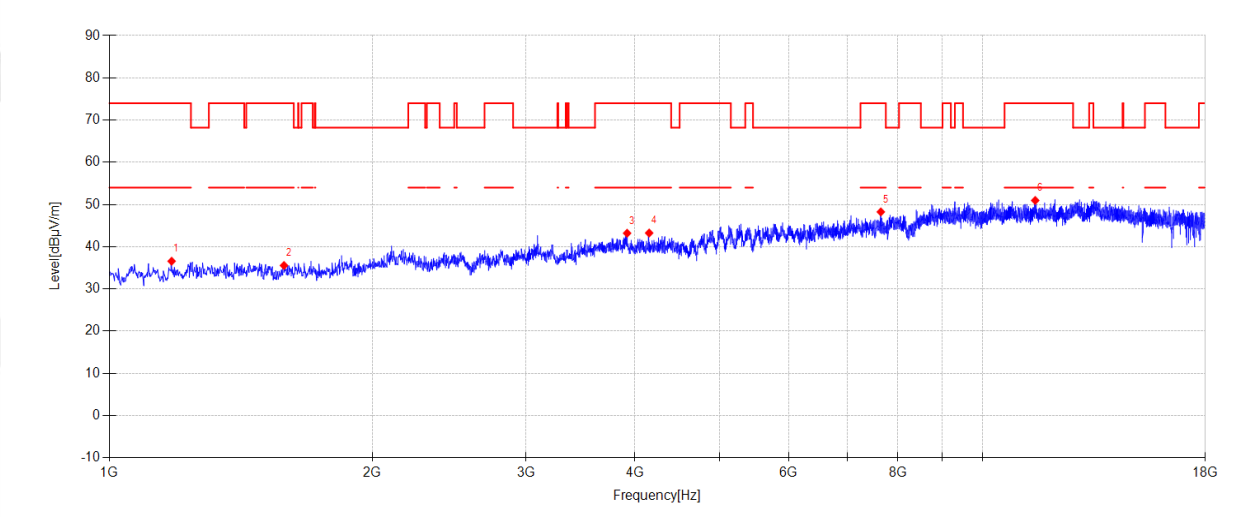
Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1124.100	44.45	24.64	2.93	-36.92	35.10	74.00	38.90	PK	Vertical
2	1470.900	45.68	25.38	3.32	-37.42	36.96	74.00	37.04	PK	Vertical
3	2868.300	45.29	27.95	4.86	-39.27	38.83	74.00	35.17	PK	Vertical
4	3903.600	46.52	31.19	5.28	-39.66	43.33	74.00	30.67	PK	Vertical
5	7342.700	44.35	36.81	7.45	-40.69	47.92	74.00	26.08	PK	Vertical
6	11473.700	42.70	39.23	8.70	-39.47	51.16	74.00	22.84	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: 2025-04-22 Tested By: Zhong Nan
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03
Test Mode: ANT2 11A TX 5600MHz Mode Power Supply: DC 12V
Condition: Temp:23°C;Humi:59.5% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G ANT2\39
Memo: Sample Number:S24122405-001 Power Setting:13

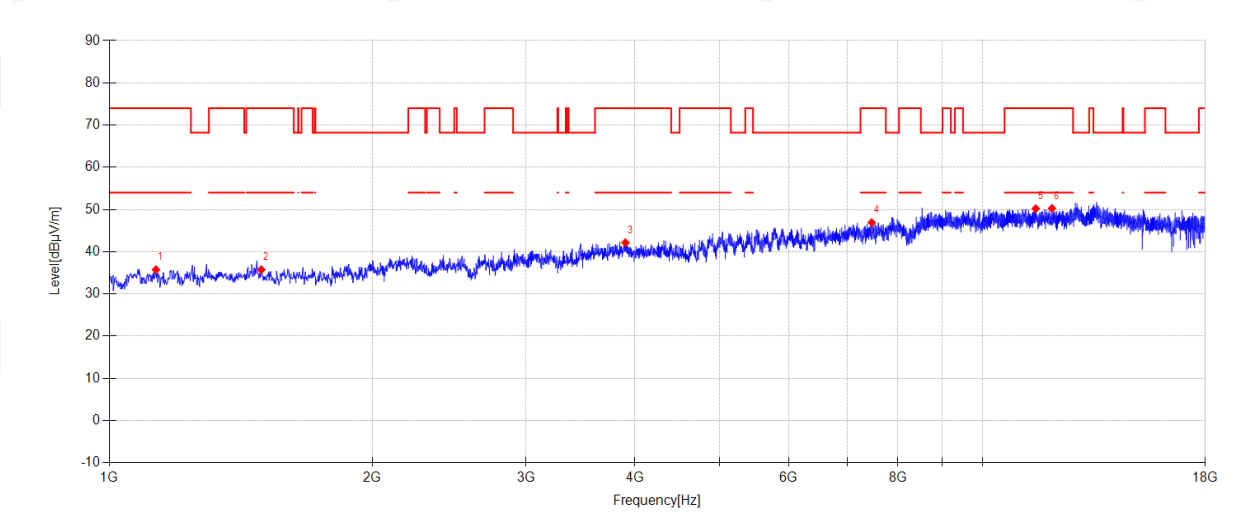


Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1178.500	45.72	24.86	2.99	-37.00	36.57	74.00	37.43	PK	Horizontal
2	1584.800	44.32	25.36	3.45	-37.58	35.55	74.00	38.45	PK	Horizontal
3	3917.200	46.41	31.17	5.28	-39.66	43.20	74.00	30.80	PK	Horizontal
4	4151.800	46.23	31.20	5.49	-39.67	43.25	74.00	30.75	PK	Horizontal
5	7648.700	44.42	36.60	7.65	-40.42	48.25	74.00	25.75	PK	Horizontal
6	11492.400	42.52	39.21	8.72	-39.49	50.96	74.00	23.04	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: 2025-04-22 Tested By: Zhong Nan
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03
Test Mode: ANT2 11A TX 5600MHz Mode Power Supply: DC 12V
Condition: Temp:23°C;Humi:59.5% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G ANT2\40
Memo: Sample Number:S24122405-001 Power Setting:13



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1130.900	45.05	24.69	2.94	-36.93	35.75	74.00	38.25	PK	Vertical
2	1493.000	44.39	25.47	3.35	-37.45	35.76	74.00	38.24	PK	Vertical
3	3900.200	45.33	31.20	5.28	-39.66	42.15	74.00	31.85	PK	Vertical
4	7466.800	43.39	36.57	7.53	-40.58	46.91	74.00	27.09	PK	Vertical
5	11509.400	41.80	39.18	8.73	-39.51	50.20	74.00	23.80	PK	Vertical
6	12012.600	42.02	39.21	9.03	-40.00	50.26	74.00	23.74	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:

2025-04-22

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 11A TX 5700MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

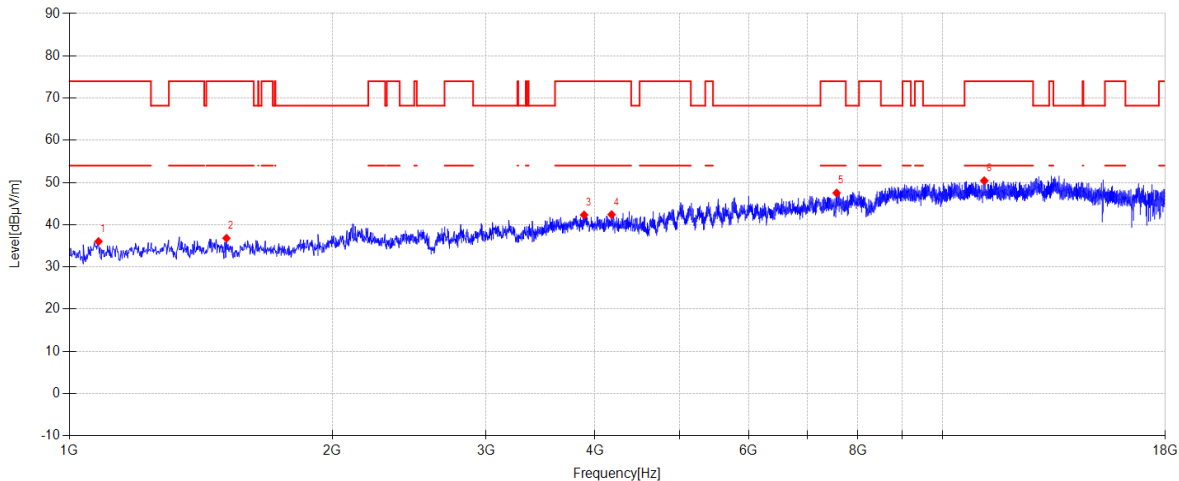
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G ANT2\41

Memo:

Sample Number:S24122405-001 Power Setting:13



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1079.900	45.55	24.46	2.88	-36.86	36.03	74.00	37.97	PK	Horizontal
2	1513.400	45.61	25.31	3.37	-37.48	36.81	74.00	37.19	PK	Horizontal
3	3886.600	45.58	31.12	5.27	-39.65	42.32	74.00	31.68	PK	Horizontal
4	4179.000	45.36	31.20	5.52	-39.67	42.41	74.00	31.59	PK	Horizontal
5	7563.700	43.99	36.43	7.59	-40.49	47.52	74.00	26.48	PK	Horizontal
6	11166.000	41.85	39.23	8.52	-39.17	50.43	74.00	23.57	PK	Horizontal

Note:

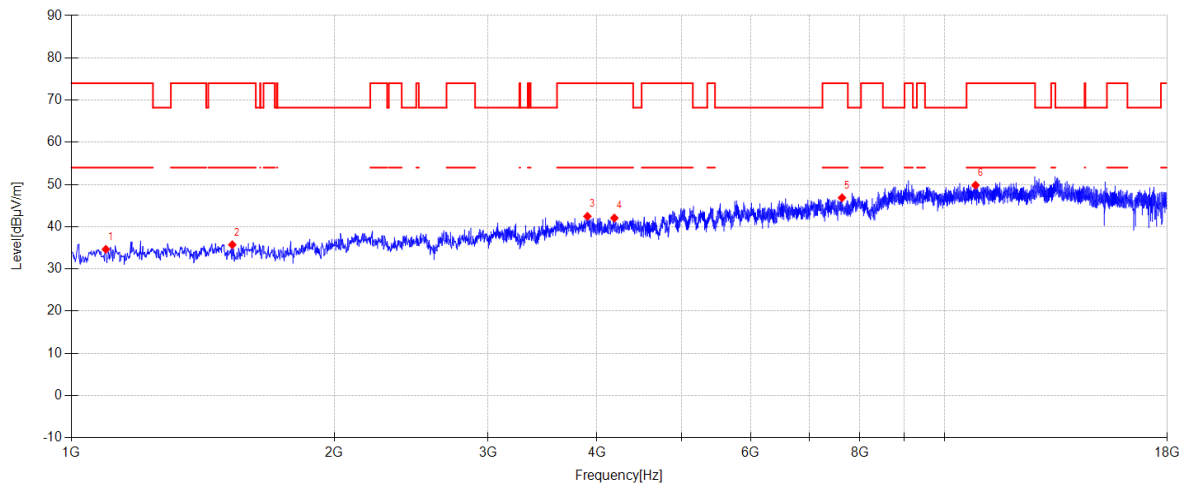
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2025-04-22 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Host **Model Number:** MTCJ06-A03
Test Mode: ANT2 11A TX 5700MHz Mode **Power Supply:** DC 12V
Condition: Temp:23°C;Humi:59.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G ANT2\42
Memo: Sample Number:S24122405-001 Power Setting:13

**Suspected Data List**

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1095.200	44.14	24.49	2.90	-36.88	34.65	74.00	39.35	PK	Vertical
2	1528.700	44.74	25.10	3.39	-37.50	35.73	74.00	38.27	PK	Vertical
3	3900.200	45.65	31.20	5.28	-39.66	42.47	74.00	31.53	PK	Vertical
4	4187.500	45.00	31.20	5.53	-39.67	42.06	74.00	31.94	PK	Vertical
5	7631.700	43.10	36.56	7.63	-40.43	46.86	74.00	27.14	PK	Vertical
6	10853.200	41.20	39.35	8.37	-39.09	49.83	74.00	24.17	PK	Vertical

Note:

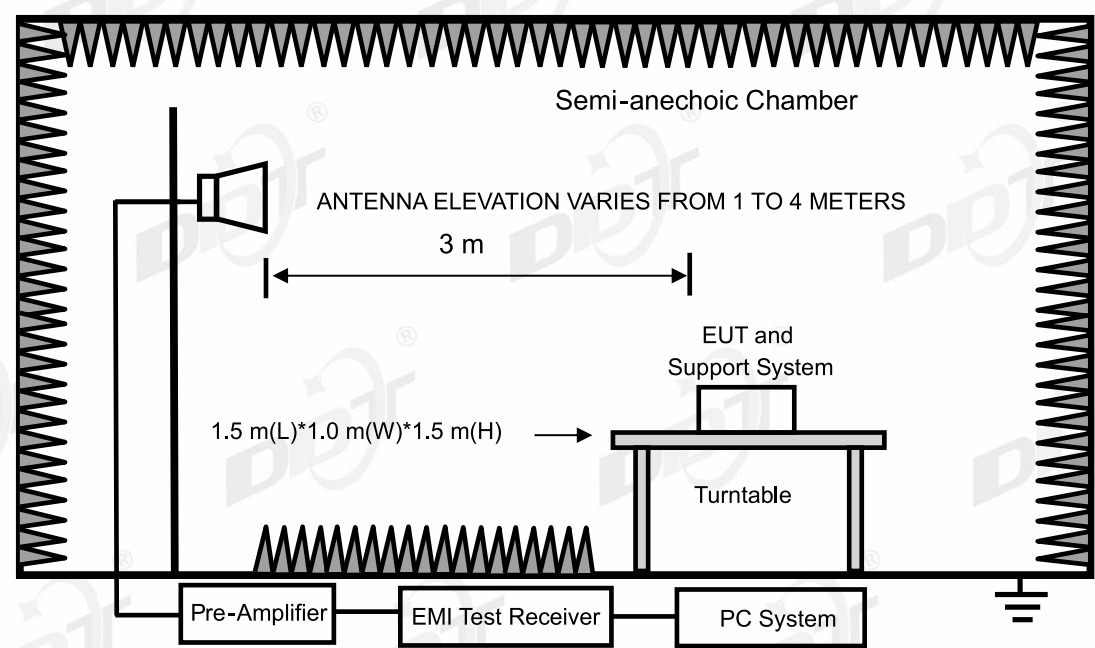
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13. Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To	Cal. Interval
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11	2 Year
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2025/03/31	1 Year
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2025/04/26	1 Year
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2025/03/31	1 Year
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2025/04/22	1 Year
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2025/03/31	1 Year
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2025/03/31	1 Year
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2025/03/31	1 Year
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/	/
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2025/04/22	1 Year
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2025/07/11	2 Year
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2025/03/31	1 Year
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2025/09/18	2 Year
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/	/
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2025/04/22	1 Year
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2025/08/25	1 Year
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2025/03/31	1 Year
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2025/03/31	1 Year

13.2. Block diagram of test setup



13.3. Limits

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating solely in the 5.725-5.850 GHz band:
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

13.4. Assistant equipment used for test

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

13.5. Test procedure

Same with Emissions in Restricted Frequency Bands except change investigated frequency range from 5.15-5.25 GHz, 5250-5350 GHz, 5470-5725 GHz, 5.725-5.85 GHz.

Remark: All restriction band have been tested, and only the worst case is shown in report.

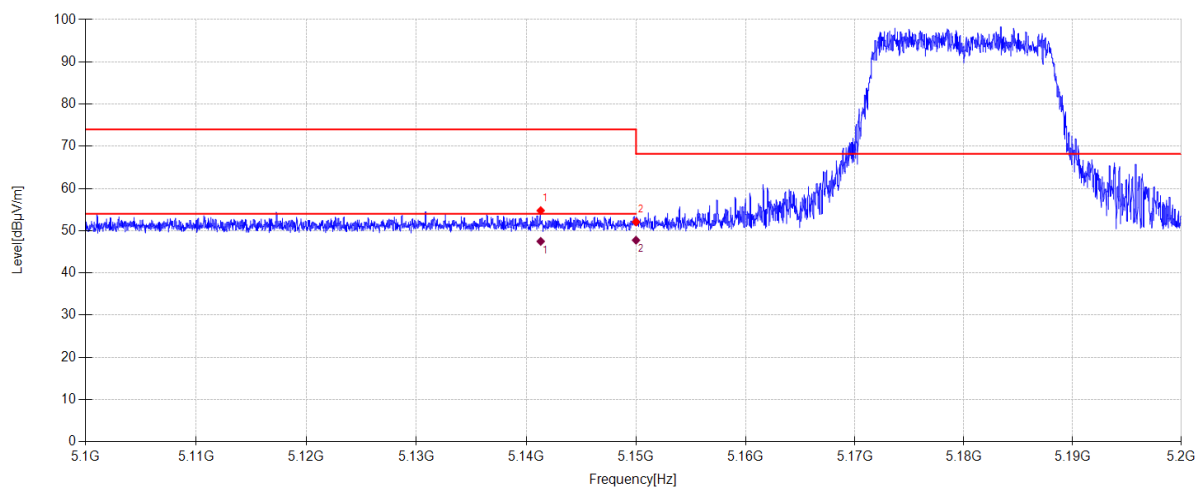
13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-23 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Host **Model Number:** MTCJ06-A03
Test Mode: ANT1 11A TX 5180MHz Mode **Power Supply:** DC 12V
Condition: Temp:23°C;Humi:59.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\21
Memo: Sample Number:S24122405-001 Power Setting:13



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5141.310	45.70	33.40	5.27	-29.60	54.77	74.00	19.23	PK	Horizontal
2	5150.000	42.99	33.40	5.28	-29.60	52.07	68.20	16.13	PK	Horizontal

Final Data List

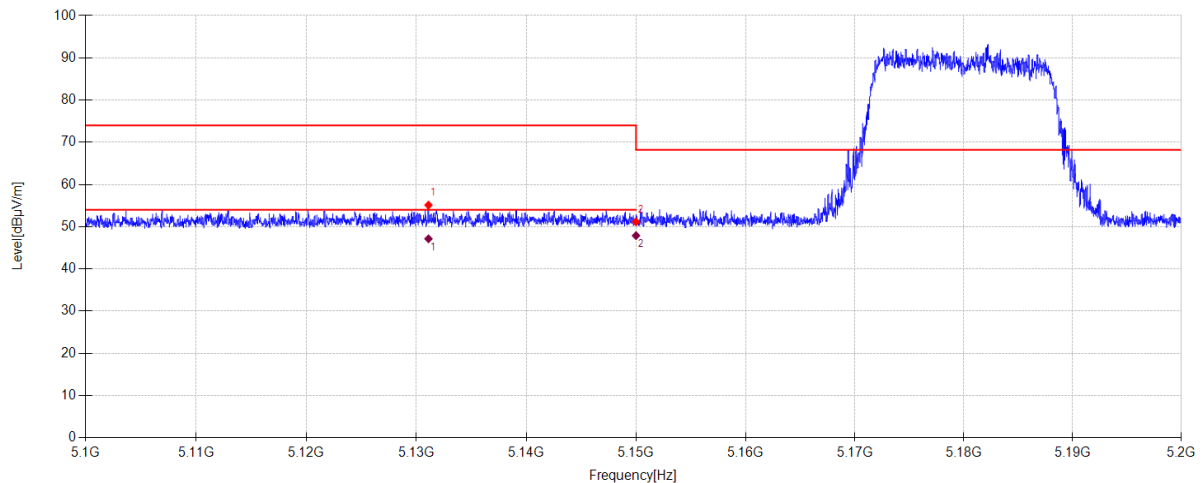
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5141.310	38.41	33.40	5.27	47.48	54.0	6.52	AV	Horizontal
2	5150.000	38.67	33.40	5.28	47.75	54.0	6.25	AV	Horizontal

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: 2025-01-23 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Host **Model Number:** MTCJ06-A03
Test Mode: ANT1 11A TX 5180MHz Mode **Power Supply:** DC 12V
Condition: Temp:23°C;Humi:59.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\22
Memo: Sample Number:S24122405-001 Power Setting:13



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5131.100	46.06	33.40	5.27	-29.60	55.13	74.00	18.87	PK	Vertical
2	5150.000	42.07	33.40	5.28	-29.60	51.15	68.20	17.05	PK	Vertical

Final Data List

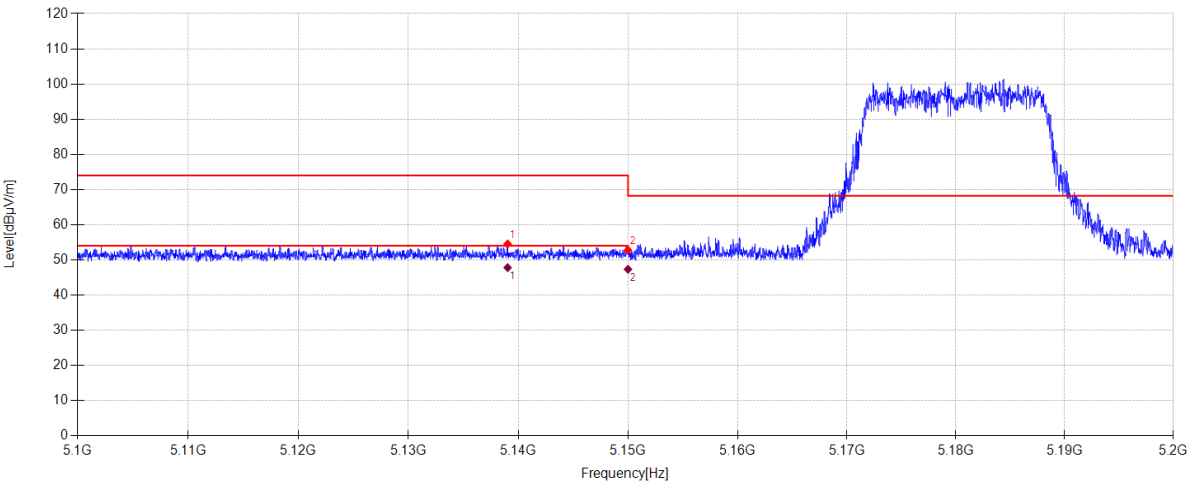
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5131.100	38.07	33.40	5.27	47.14	54.0	6.86	AV	Vertical
2	5150.000	38.81	33.40	5.28	47.89	54.0	6.11	AV	Vertical

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: 2025-01-23 Tested By: Zhong Nan
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03
Test Mode: ANT2 11A TX 5180MHz Mode Power Supply: DC 12V
Condition: Temp:23°C;Humi:59.5% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\23
Memo: Sample Number:S24122405-001 Power Setting:13



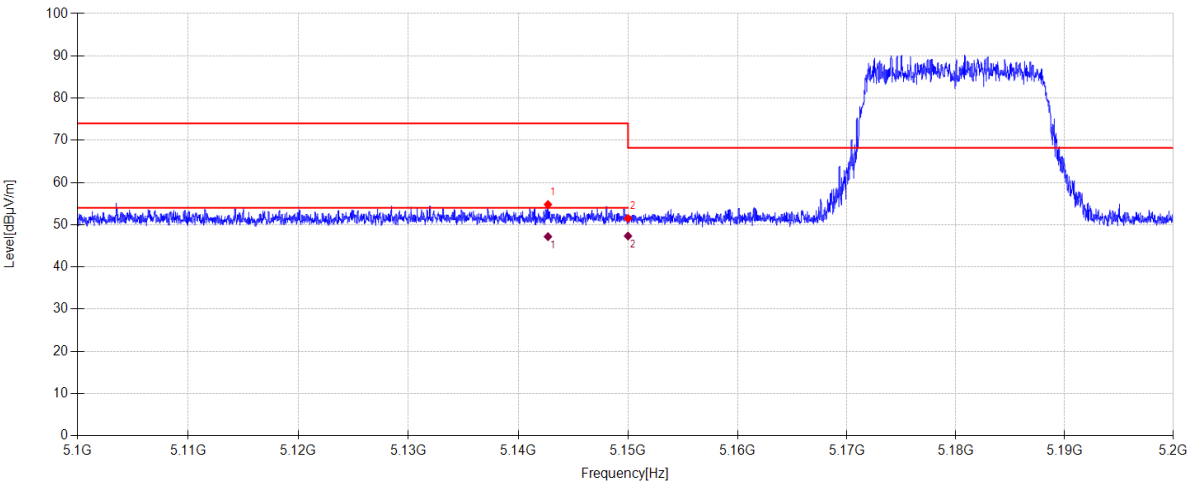
Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5139.030	45.48	33.40	5.27	-29.60	54.55	74.00	19.45	PK	Horizontal
2	5150.000	43.68	33.40	5.28	-29.60	52.76	68.20	15.44	PK	Horizontal

Final Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5139.030	38.73	33.40	5.27	47.80	54.0	6.20	AV	Horizontal
2	5150.000	38.26	33.40	5.28	47.34	54.0	6.66	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: 2025-01-23 Tested By: Zhong Nan
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03
Test Mode: ANT2 11A TX 5180MHz Mode Power Supply: DC 12V
Condition: Temp:23°C;Humi:59.5% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\24
Memo: Sample Number:S24122405-001 Power Setting:13



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5142.700	45.71	33.40	5.27	-29.60	54.78	74.00	19.22	PK	Vertical
2	5150.000	42.41	33.40	5.28	-29.60	51.49	68.20	16.71	PK	Vertical

Final Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5142.700	38.11	33.40	5.27	47.18	54.0	6.82	AV	Vertical	
2	5150.000	38.24	33.40	5.28	47.32	54.0	6.68	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: 2025-01-23 Tested By: Zhong Nan

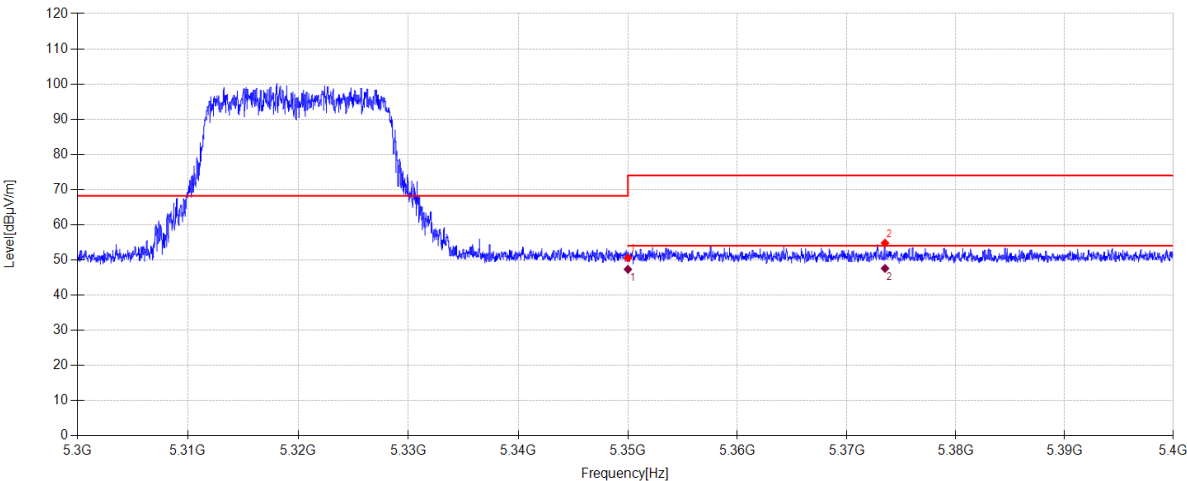
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03

Test Mode: ANT2 11A TX 5320MHz Mode Power Supply: DC 12V

Condition: Temp:23°C;Humi:59.5% Test Site: DDT 3# Chamber

File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\25

Memo: Sample Number:S24122405-001 Power Setting:13



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	41.64	33.10	5.41	-29.60	50.55	68.20	17.65	PK	Horizontal
2	5373.510	45.84	33.10	5.43	-29.60	54.77	74.00	19.23	PK	Horizontal

Final Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	38.41	33.10	5.41	47.32	54.0	6.68	AV	Horizontal
2	5373.510	38.65	33.10	5.43	47.58	54.0	6.42	AV	Horizontal

Note:

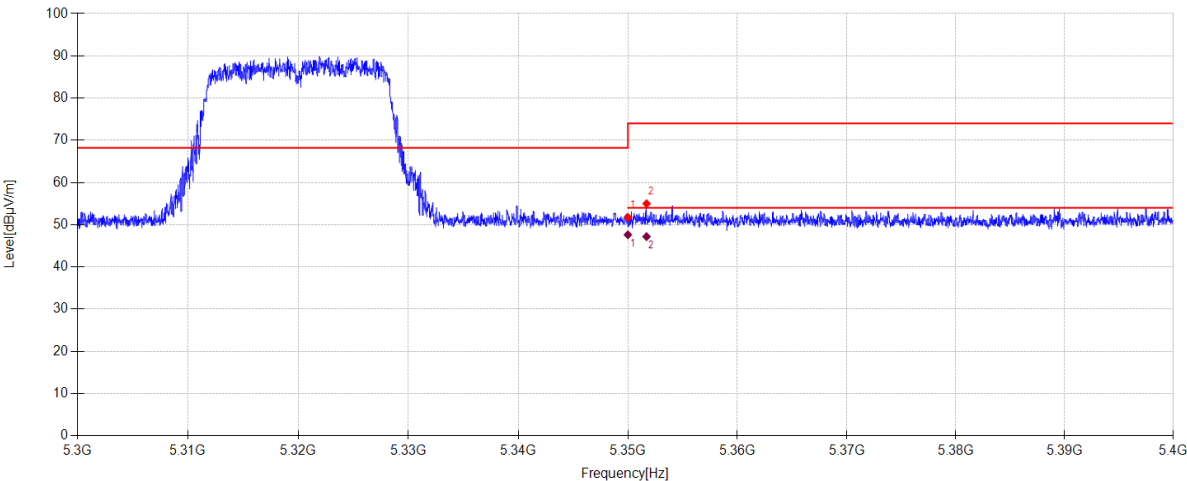
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2025-01-23 Tested By: Zhong Nan
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03
Test Mode: ANT2 11A TX 5320MHz Mode Power Supply: DC 12V
Condition: Temp:23°C;Humi:59.5% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\26
Memo: Sample Number:S24122405-001 Power Setting:13



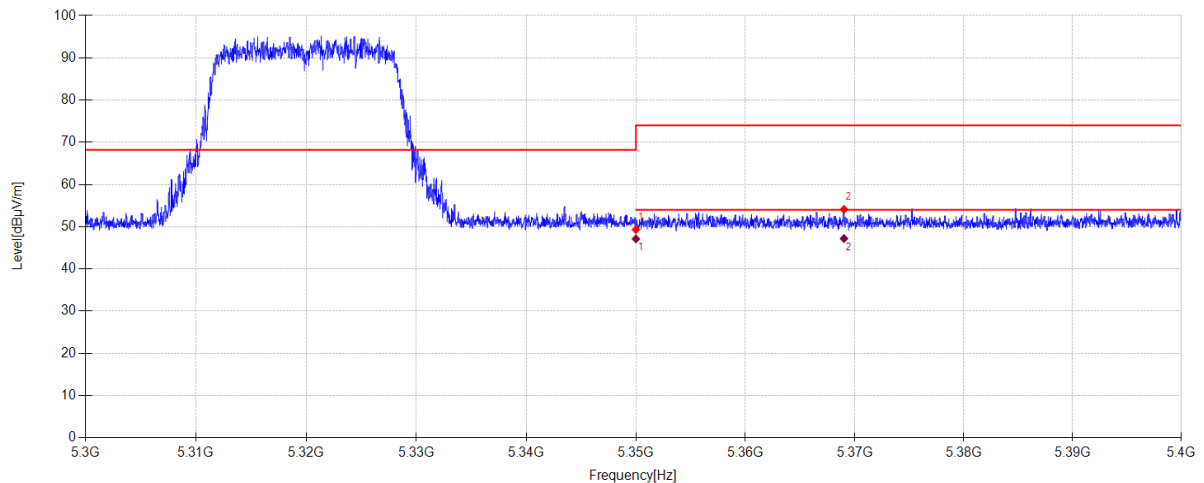
Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	42.84	33.10	5.41	-29.60	51.75	68.20	16.45	PK	Vertical
2	5351.700	46.08	33.10	5.41	-29.60	54.99	74.00	19.01	PK	Vertical

Final Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	38.71	33.10	5.41	47.62	54.0	6.38	AV	Vertical
2	5351.700	38.28	33.10	5.41	47.19	54.0	6.81	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: 2025-01-23 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Host **Model Number:** MTCJ06-A03
Test Mode: ANT1 11A TX 5320MHz Mode **Power Supply:** DC 12V
Condition: Temp:23°C;Humi:59.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\27
Memo: Sample Number:S24122405-001 Power Setting:13



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	40.40	33.10	5.41	-29.60	49.31	68.20	18.89	PK	Horizontal
2	5369.020	45.19	33.10	5.42	-29.60	54.11	74.00	19.89	PK	Horizontal

Final Data List

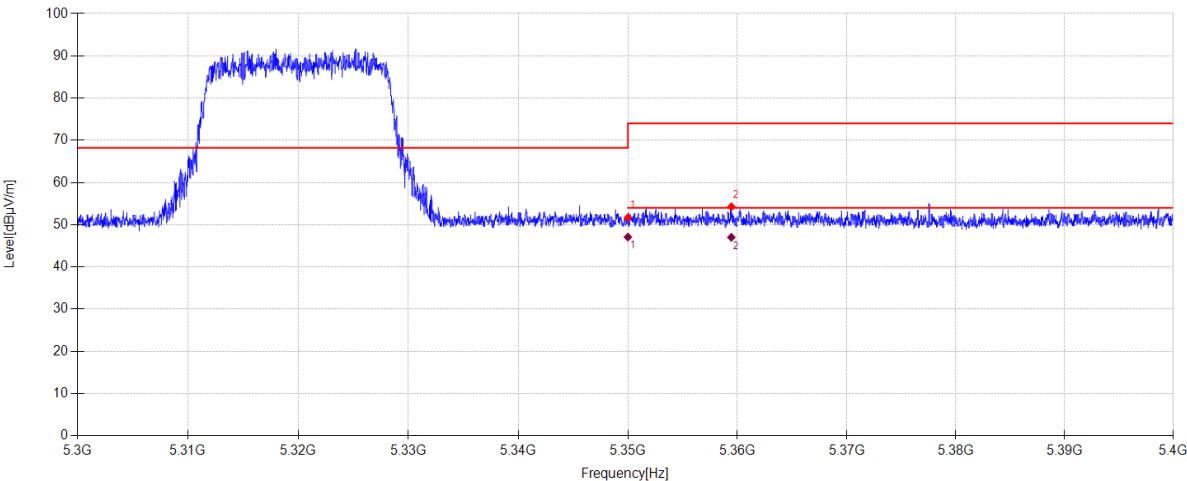
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	38.21	33.10	5.41	47.12	54.0	6.88	AV	Horizontal
2	5369.020	38.28	33.10	5.42	47.20	54.0	6.80	AV	Horizontal

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: 2025-01-23 Tested By: Zhong Nan
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03
Test Mode: ANT1 11A TX 5320MHz Mode Power Supply: DC 12V
Condition: Temp:23°C;Humi:59.5% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\28
Memo: Sample Number:S24122405-001 Power Setting:13



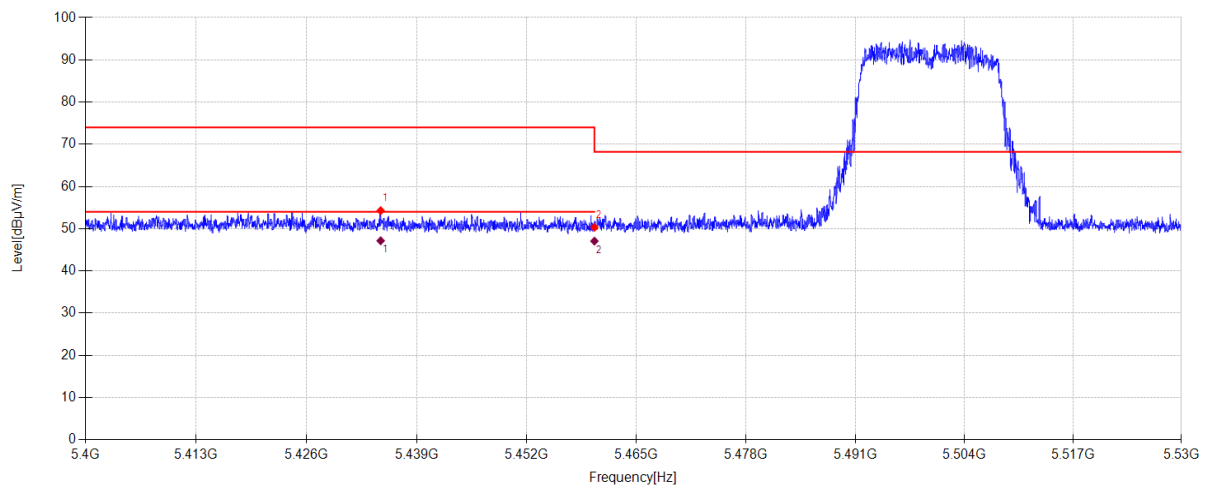
Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	42.78	33.10	5.41	-29.60	51.69	68.20	16.51	PK	Vertical
2	5359.450	45.33	33.10	5.42	-29.60	54.25	74.00	19.75	PK	Vertical

Final Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	38.17	33.10	5.41	47.08	54.0	6.92	AV	Vertical
2	5359.450	38.09	33.10	5.42	47.01	54.0	6.99	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: 2025-01-23 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Host **Model Number:** MTCJ06-A03
Test Mode: ANT1 11A TX 5500MHz Mode **Power Supply:** DC 12V
Condition: Temp:23°C;Humi:59.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\29
Memo: Sample Number:S24122405-001 Power Setting:13



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5434.723	45.38	33.03	5.47	-29.60	54.28	74.00	19.72	PK	Horizontal
2	5460.000	41.45	33.00	5.48	-29.60	50.33	68.20	17.87	PK	Horizontal

Final Data List

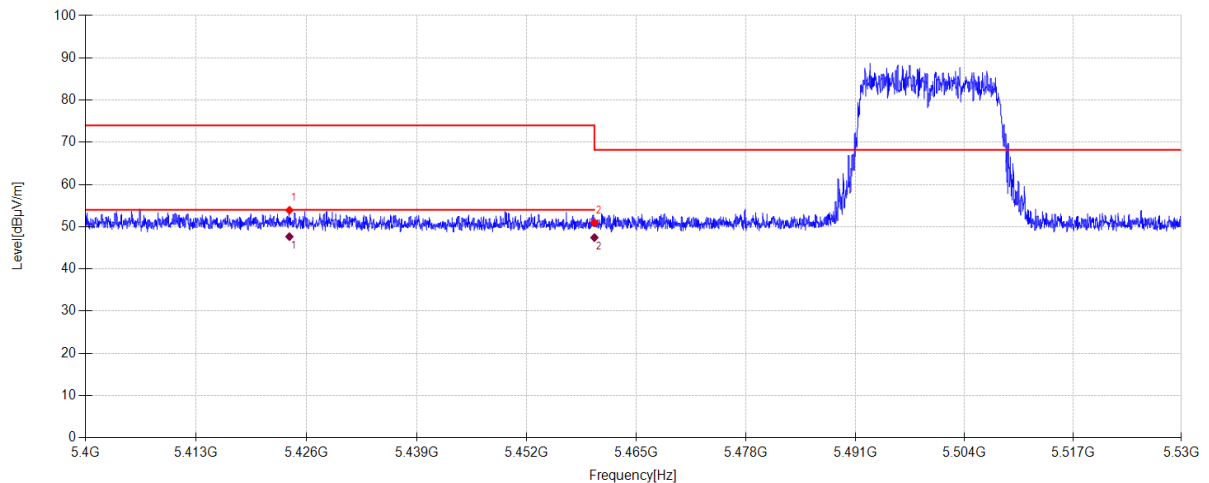
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5434.723	38.25	33.03	5.47	47.15	54.0	6.85	AV	Horizontal
2	5460.000	38.19	33.00	5.48	47.07	54.0	6.93	AV	Horizontal

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: 2025-01-23 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Host **Model Number:** MTCJ06-A03
Test Mode: ANT1 11A TX 5500MHz Mode **Power Supply:** DC 12V
Condition: Temp:23°C;Humi:59.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\30
Memo: Sample Number:S24122405-001 Power Setting:13



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5423.972	44.99	33.05	5.46	-29.60	53.90	74.00	20.10	PK	Vertical
2	5460.000	42.06	33.00	5.48	-29.60	50.94	68.20	17.26	PK	Vertical

Final Data List

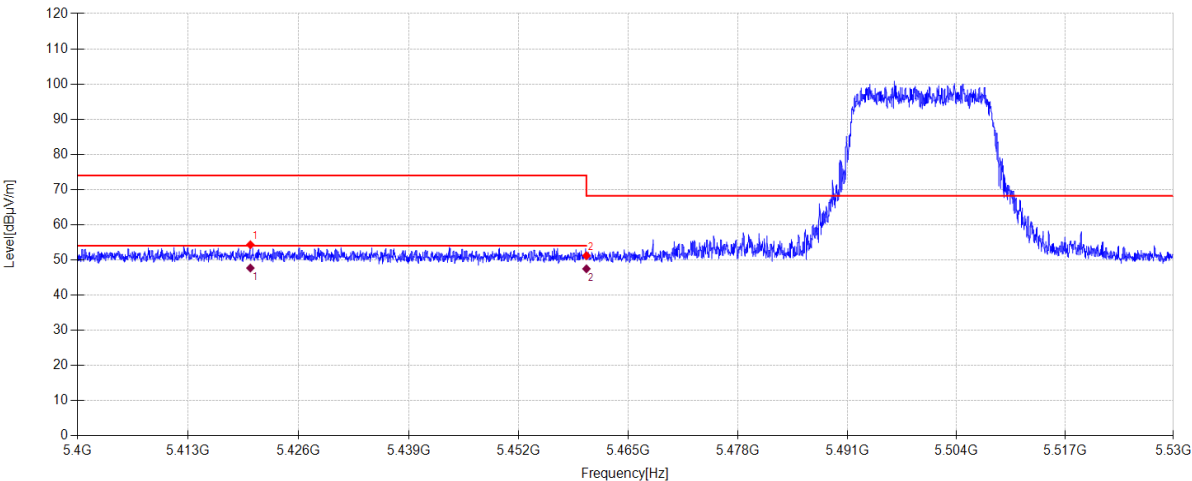
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5423.972	38.74	33.05	5.46	47.65	54.0	6.35	AV	Vertical
2	5460.000	38.54	33.00	5.48	47.42	54.0	6.58	AV	Vertical

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: 2025-01-23 Tested By: Zhong Nan
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03
Test Mode: ANT2 11A TX 5500MHz Mode Power Supply: DC 12V
Condition: Temp:23°C;Humi:59.5% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\31
Memo: Sample Number:S24122405-001 Power Setting:13



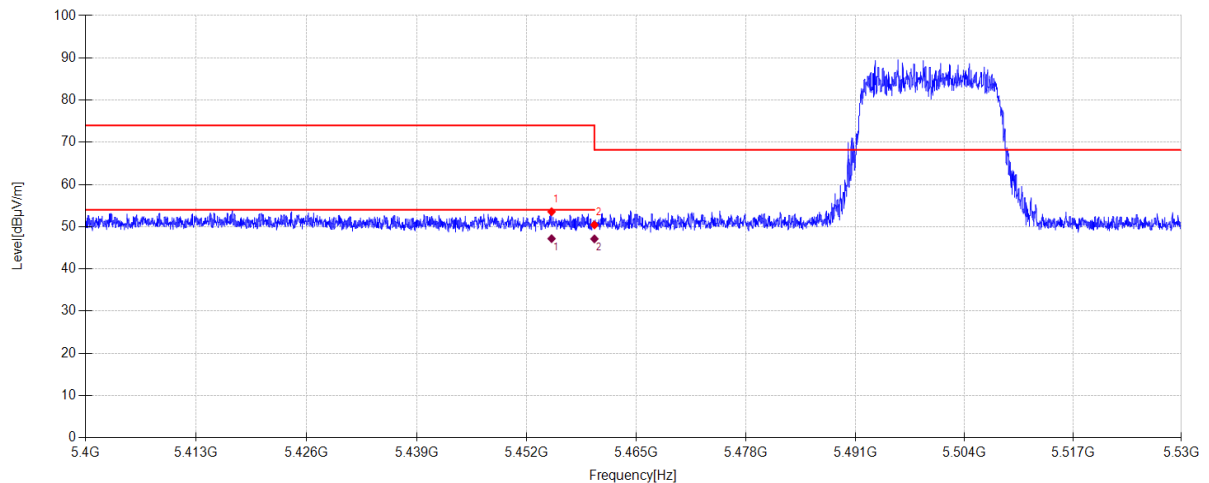
Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5420.319	45.39	33.06	5.46	-29.60	54.31	74.00	19.69	PK	Horizontal
2	5460.000	42.31	33.00	5.48	-29.60	51.19	68.20	17.01	PK	Horizontal

Final Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5420.319	38.77	33.06	5.46	47.69	54.0	6.31	AV	Horizontal	
2	5460.000	38.59	33.00	5.48	47.47	54.0	6.53	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: 2025-01-23 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Host **Model Number:** MTCJ06-A03
Test Mode: ANT2 11A TX 5500MHz Mode **Power Supply:** DC 12V
Condition: Temp:23°C;Humi:59.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\32
Memo: Sample Number:S24122405-001 Power Setting:13



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5454.925	44.67	33.00	5.48	-29.60	53.55	74.00	20.45	PK	Vertical
2	5460.000	41.55	33.00	5.48	-29.60	50.43	68.20	17.77	PK	Vertical

Final Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5454.925	38.29	33.00	5.48	47.17	54.0	6.83	AV	Vertical
2	5460.000	38.24	33.00	5.48	47.12	54.0	6.88	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 11A TX 5700MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

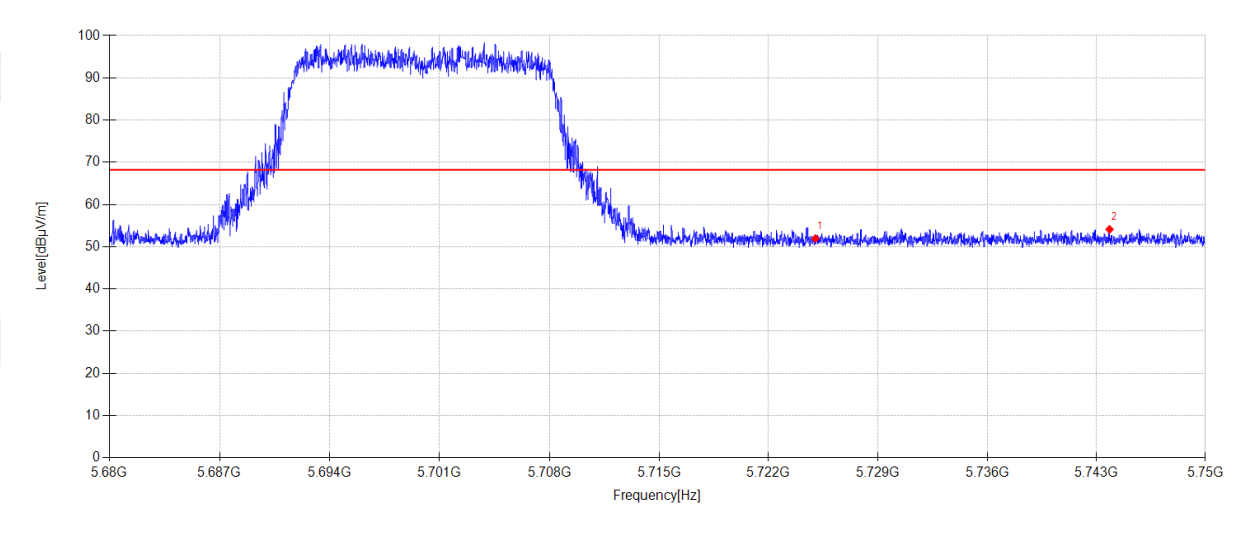
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\33

Memo:

Sample Number:S24122405-001 Power Setting:13



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	42.12	33.75	5.66	-29.60	51.93	68.20	16.27	PK	Horizontal
2	5743.847	44.19	33.86	5.67	-29.60	54.12	68.20	14.08	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 11A TX 5700MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

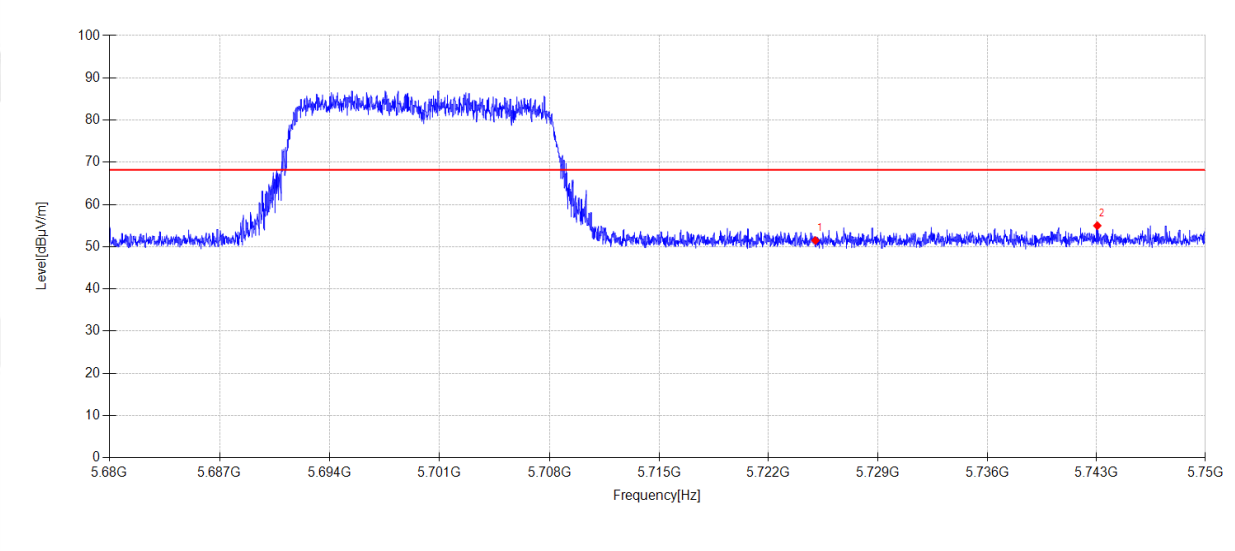
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\34

Memo:

Sample Number:S24122405-001 Power Setting:13



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.67	33.75	5.66	-29.60	51.48	68.20	16.72	PK	Vertical
2	5743.063	45.05	33.86	5.67	-29.60	54.98	68.20	13.22	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 11A TX 5700MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

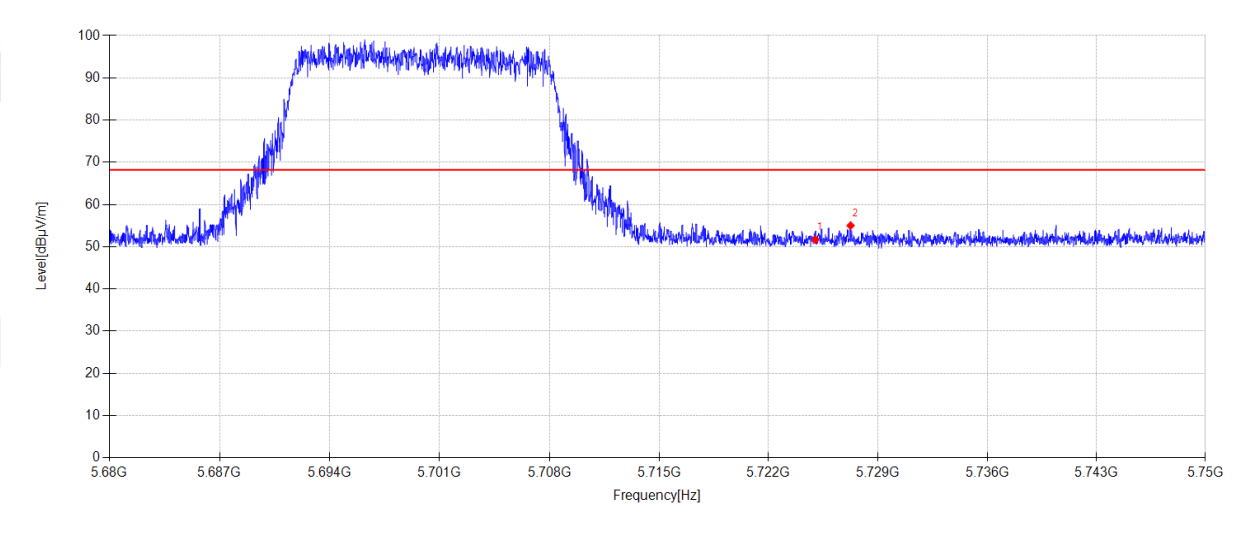
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\35

Memo:

Sample Number:S24122405-001 Power Setting:13



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.85	33.75	5.66	-29.60	51.66	68.20	16.54	PK	Horizontal
2	5727.250	45.19	33.76	5.66	-29.60	55.01	68.20	13.19	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 11A TX 5700MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

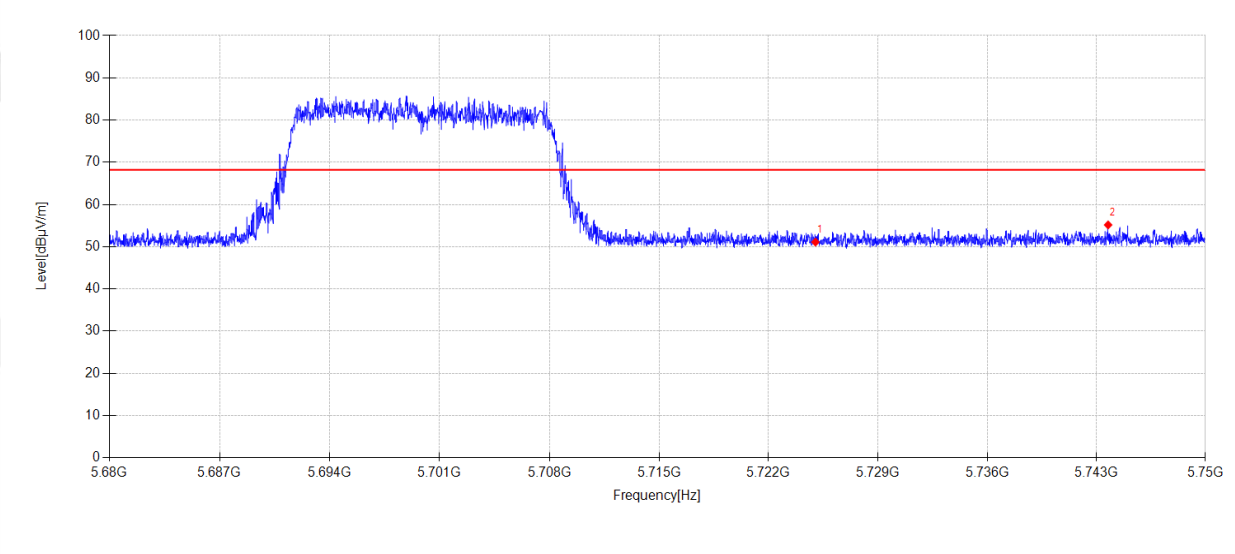
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\36

Memo:

Sample Number:S24122405-001 Power Setting:13



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.30	33.75	5.66	-29.60	51.11	68.20	17.09	PK	Vertical
2	5743.756	45.23	33.86	5.67	-29.60	55.16	68.20	13.04	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 N20 TX 5180MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

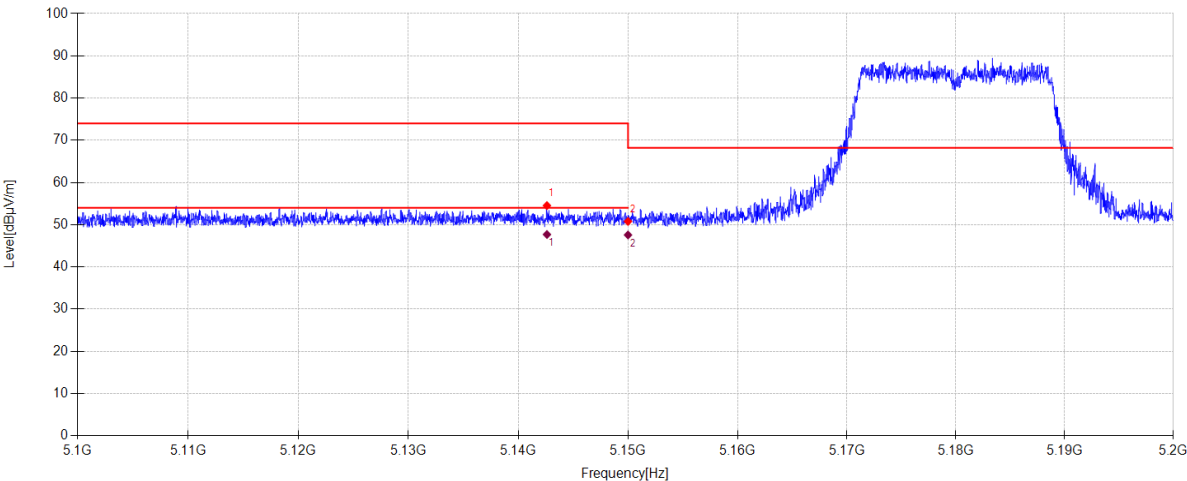
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\37

Memo:

Sample Number:S24122405-001 Power Setting:10



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5142.610	45.46	33.40	5.27	-29.60	54.53	74.00	19.47	PK	Horizontal
2	5150.000	41.71	33.40	5.28	-29.60	50.79	68.20	17.41	PK	Horizontal

Final Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5142.610	38.62	33.40	5.27	47.69	54.0	6.31	AV	Horizontal
2	5150.000	38.49	33.40	5.28	47.57	54.0	6.43	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 N20 TX 5180MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

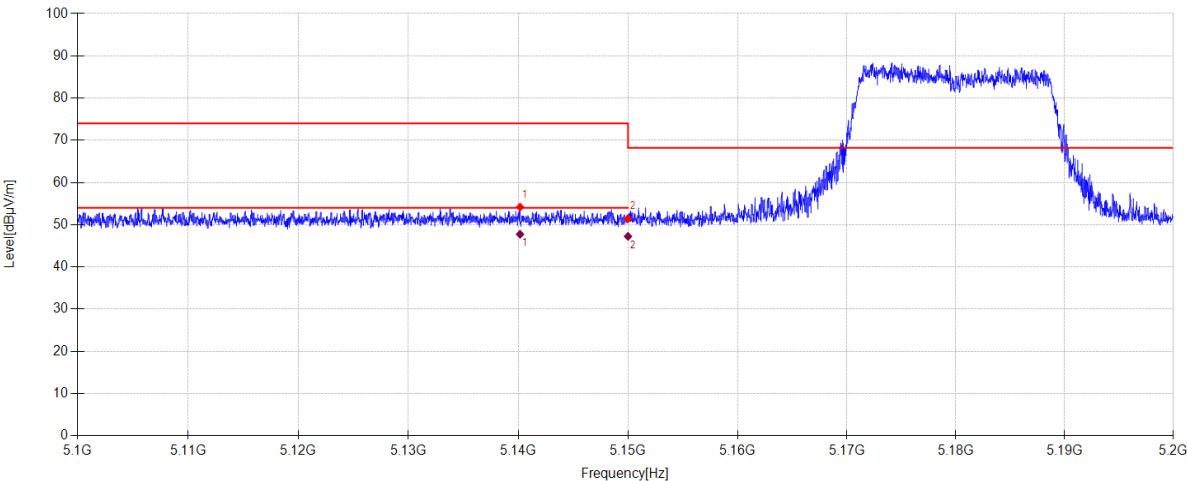
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\38

Memo:

Sample Number:S24122405-001 Power Setting:10



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5140.160	45.11	33.40	5.27	-29.60	54.18	74.00	19.82	PK	Vertical
2	5150.000	42.34	33.40	5.28	-29.60	51.42	68.20	16.78	PK	Vertical

Final Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5140.160	38.67	33.40	5.27	47.74	54.0	6.26	AV	Vertical	
2	5150.000	38.16	33.40	5.28	47.24	54.0	6.76	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 N20 TX 5180MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

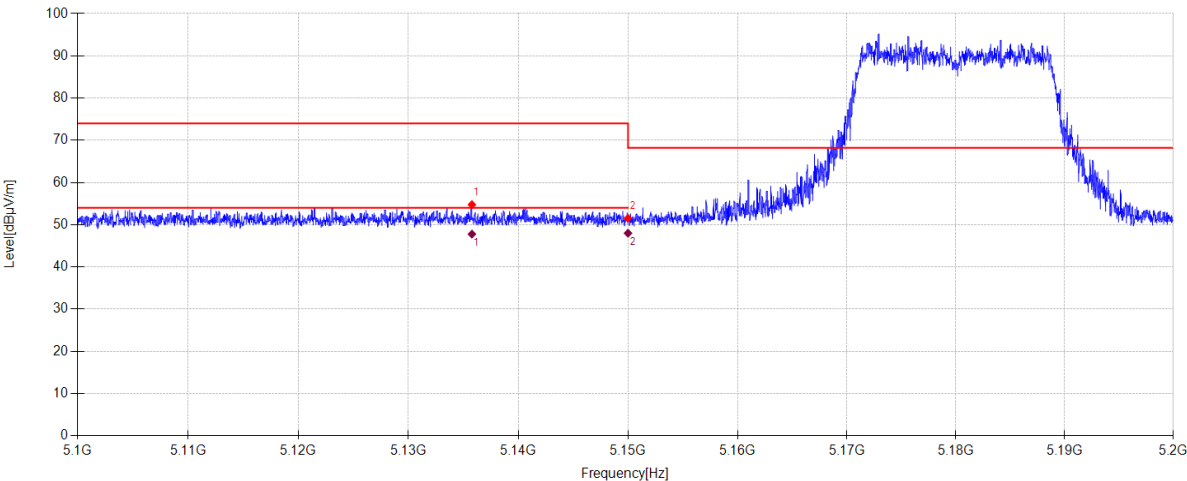
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\39

Memo:

Sample Number:S24122405-001 Power Setting:10



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5135.780	45.69	33.40	5.27	-29.60	54.76	74.00	19.24	PK	Horizontal
2	5150.000	42.44	33.40	5.28	-29.60	51.52	68.20	16.68	PK	Horizontal

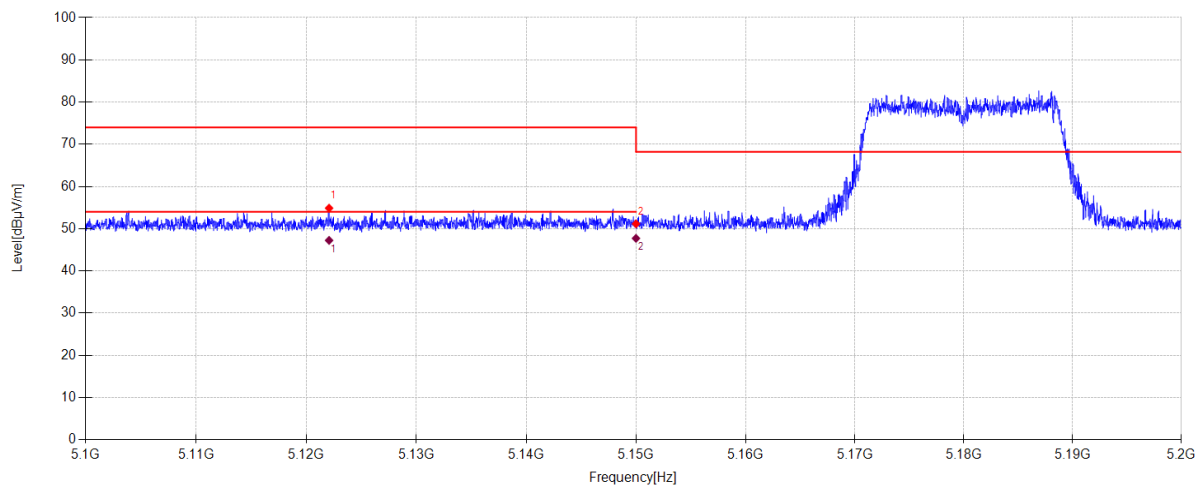
Final Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5135.780	38.71	33.40	5.27	47.78	54.0	6.22	AV	Horizontal
2	5150.000	38.92	33.40	5.28	48.00	54.0	6.00	AV	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-23 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Host **Model Number:** MTCJ06-A03
Test Mode: ANT2 N20 TX 5180MHz Mode **Power Supply:** DC 12V
Condition: Temp:23°C;Humi:59.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\40
Memo: Sample Number:S24122405-001 Power Setting:10



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5122.070	45.81	33.40	5.26	-29.60	54.87	74.00	19.13	PK	Vertical
2	5150.000	42.08	33.40	5.28	-29.60	51.16	68.20	17.04	PK	Vertical

Final Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5122.070	38.18	33.40	5.26	47.24	54.0	6.76	AV	Vertical
2	5150.000	38.64	33.40	5.28	47.72	54.0	6.28	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 N20 TX 5320MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

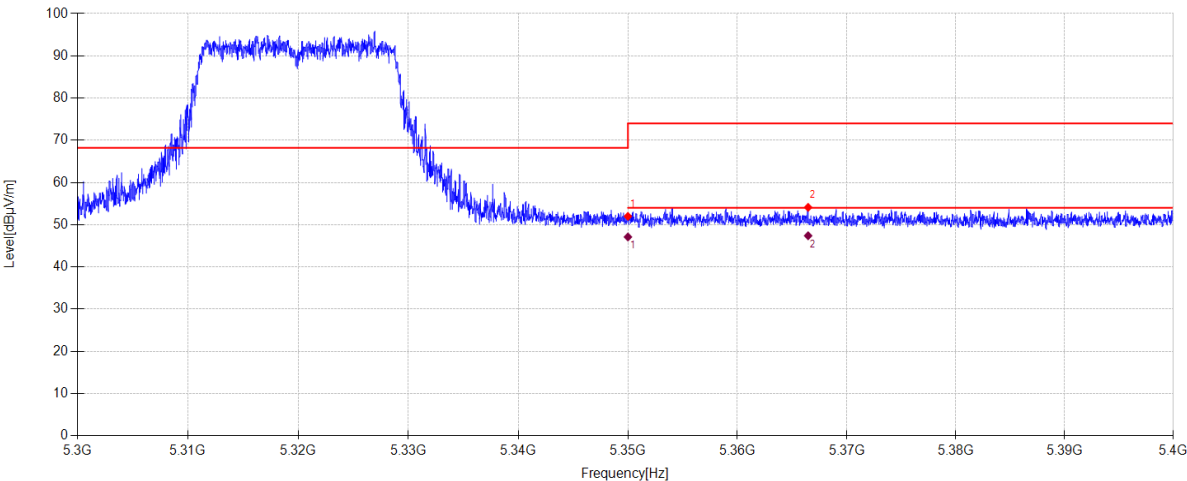
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\41

Memo:

Sample Number:S24122405-001 Power Setting:10



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	43.08	33.10	5.41	-29.60	51.99	68.20	16.21	PK	Horizontal
2	5366.470	45.19	33.10	5.42	-29.60	54.11	74.00	19.89	PK	Horizontal

Final Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	38.19	33.10	5.41	47.10	54.0	6.90	AV	Horizontal
2	5366.470	38.47	33.10	5.42	47.39	54.0	6.61	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 N20 TX 5320MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

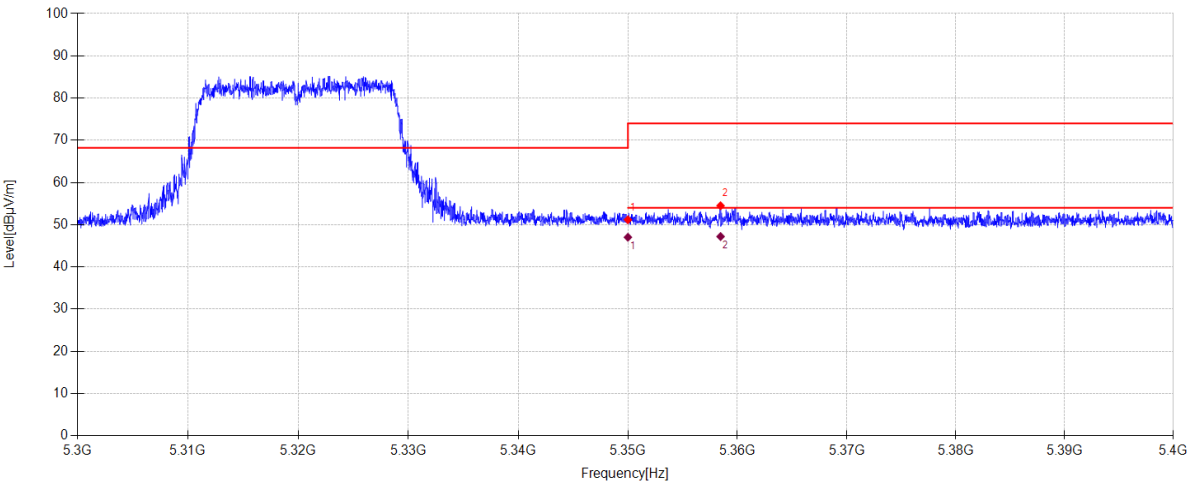
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\42

Memo:

Sample Number:S24122405-001 Power Setting:10



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	42.27	33.10	5.41	-29.60	51.18	68.20	17.02	PK	Vertical
2	5358.460	45.58	33.10	5.42	-29.60	54.50	74.00	19.50	PK	Vertical

Final Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	38.12	33.10	5.41	47.03	54.0	6.97	AV	Vertical
2	5358.460	38.28	33.10	5.42	47.20	54.0	6.80	AV	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 N20 TX 5320MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

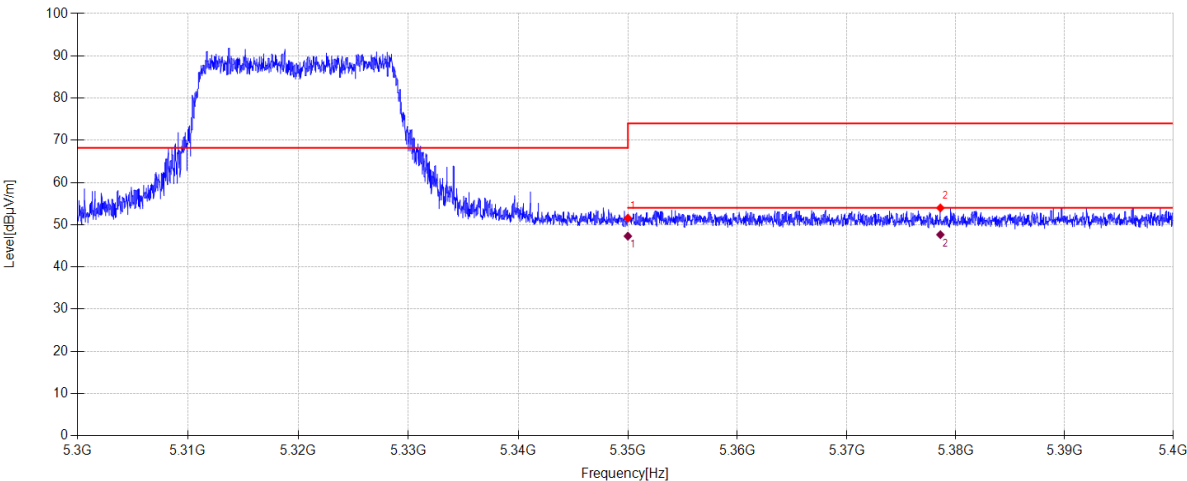
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\43

Memo:

Sample Number:S24122405-001 Power Setting:10



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	42.64	33.10	5.41	-29.60	51.55	68.20	16.65	PK	Horizontal
2	5378.590	45.04	33.10	5.43	-29.60	53.97	74.00	20.03	PK	Horizontal

Final Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	38.38	33.10	5.41	47.29	54.0	6.71	AV	Horizontal
2	5378.590	38.71	33.10	5.43	47.64	54.0	6.36	AV	Horizontal

Note:

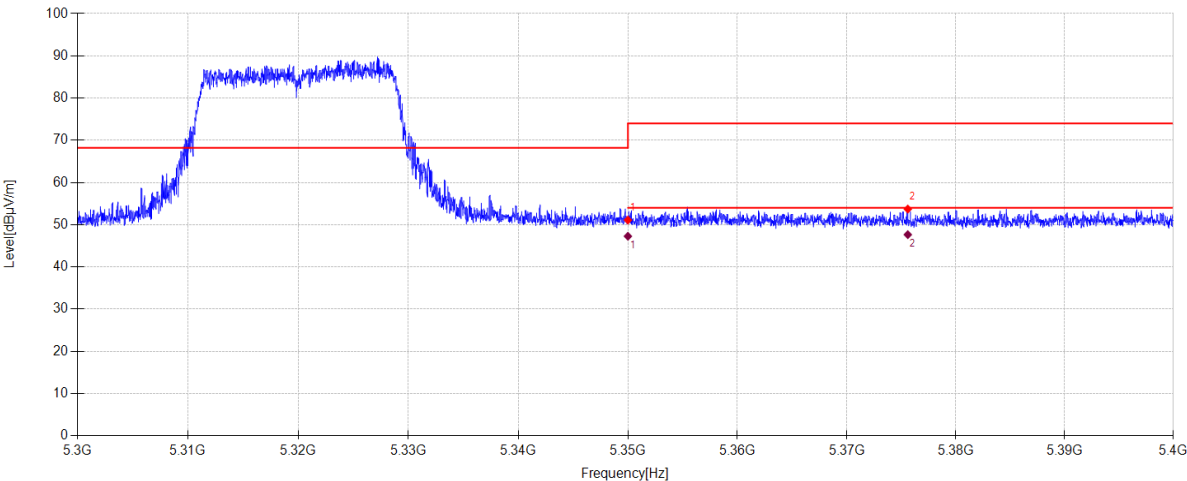
1. Level = Reading + Cable loss + Antenna Factor + AMP

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: 2025-01-23 Tested By: Zhong Nan
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03
Test Mode: ANT1 N20 TX 5320MHz Mode Power Supply: DC 12V
Condition: Temp:23°C;Humi:59.5% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\44
Memo: Sample Number:S24122405-001 Power Setting:10



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	42.19	33.10	5.41	-29.60	51.10	68.20	17.10	PK	Vertical
2	5375.600	44.78	33.10	5.43	-29.60	53.71	74.00	20.29	PK	Vertical

Final Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	38.36	33.10	5.41	47.27	54.0	6.73	AV	Vertical
2	5375.600	38.72	33.10	5.43	47.65	54.0	6.35	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 N20 TX 5500MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

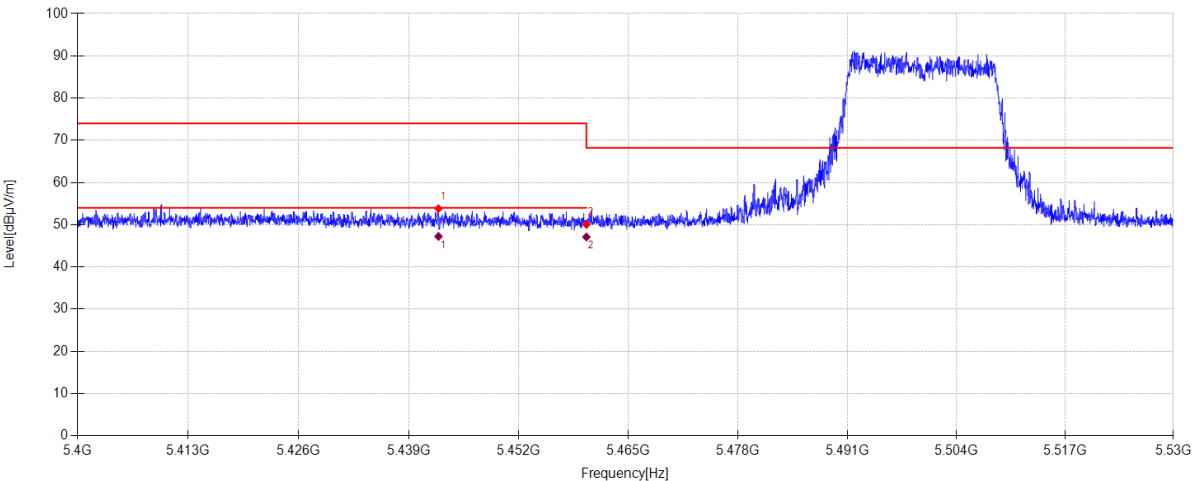
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\45

Memo:

Sample Number:S24122405-001 Power Setting:10



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5442.497	44.92	33.02	5.47	-29.60	53.81	74.00	20.19	PK	Horizontal
2	5460.000	41.19	33.00	5.48	-29.60	50.07	68.20	18.13	PK	Horizontal

Final Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5442.497	38.34	33.02	5.47	47.23	54.0	6.77	AV	Horizontal
2	5460.000	38.22	33.00	5.48	47.10	54.0	6.90	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 N20 TX 5500MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

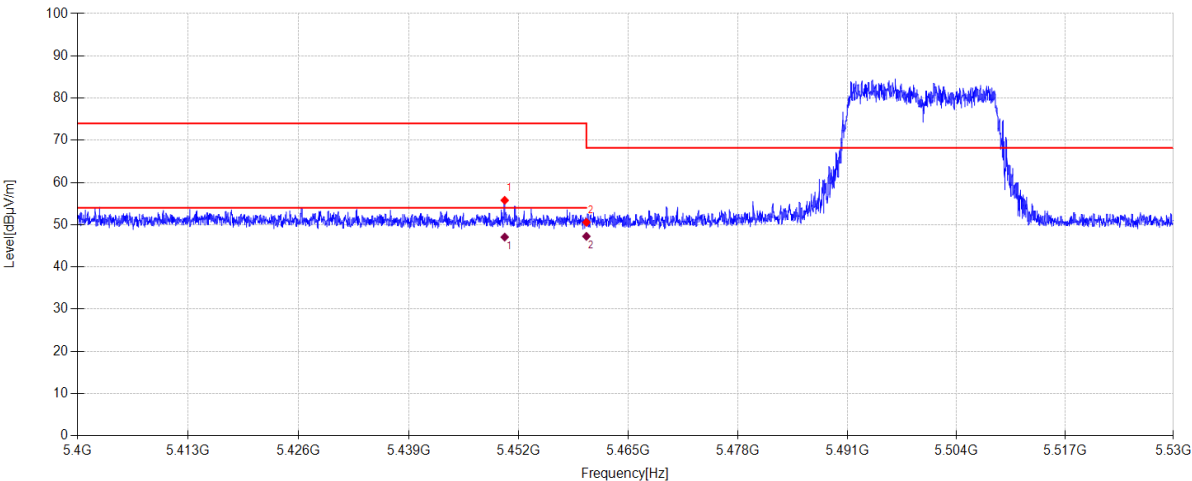
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\46

Memo:

Sample Number:S24122405-001 Power Setting:10



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5450.323	46.90	33.00	5.48	-29.60	55.78	74.00	18.22	PK	Vertical
2	5460.000	41.69	33.00	5.48	-29.60	50.57	68.20	17.63	PK	Vertical

Final Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5450.323	38.19	33.00	5.48	47.07	54.0	6.93	AV	Vertical
2	5460.000	38.37	33.00	5.48	47.25	54.0	6.75	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: 2025-01-23 Tested By: Zhong Nan

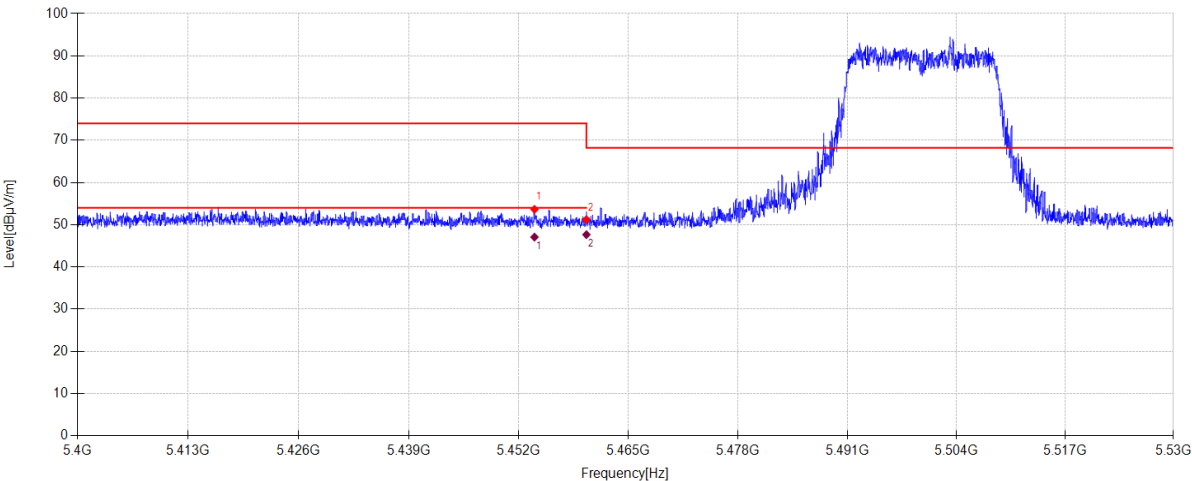
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03

Test Mode: ANT2 N20 TX 5500MHz Mode Power Supply: DC 12V

Condition: Temp:23°C;Humi:59.5% Test Site: DDT 3# Chamber

File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\47

Memo: Sample Number:S24122405-001 Power Setting:10



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5453.846	44.77	33.00	5.48	-29.60	53.65	74.00	20.35	PK	Horizontal
2	5460.000	42.33	33.00	5.48	-29.60	51.21	68.20	16.99	PK	Horizontal

Final Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5453.846	38.19	33.00	5.48	47.07	54.0	6.93	AV	Horizontal
2	5460.000	38.77	33.00	5.48	47.65	54.0	6.35	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 N20 TX 5500MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

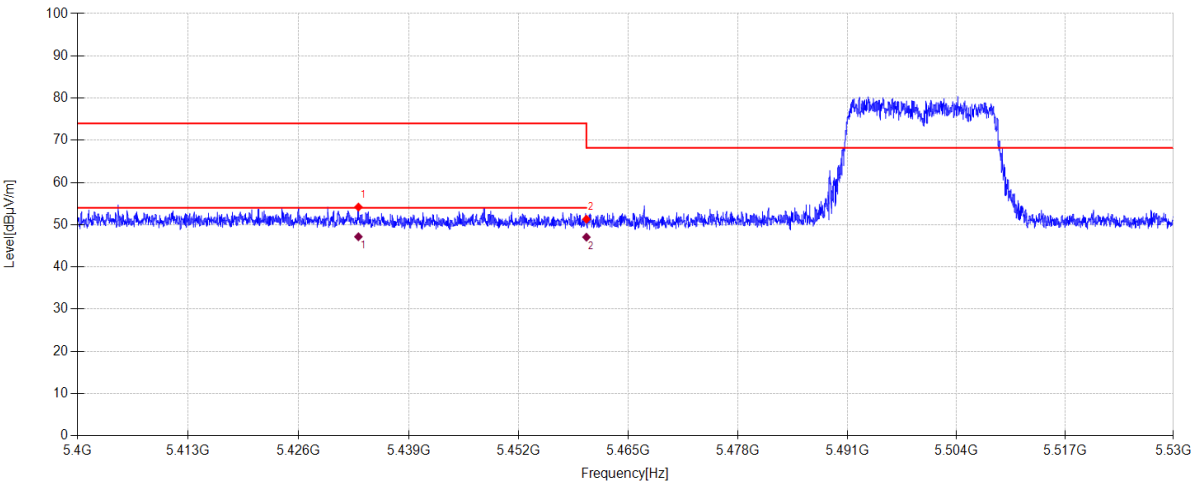
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\48

Memo:

Sample Number:S24122405-001 Power Setting:10



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5433.046	45.27	33.03	5.47	-29.60	54.17	74.00	19.83	PK	Vertical
2	5460.000	42.43	33.00	5.48	-29.60	51.31	68.20	16.89	PK	Vertical

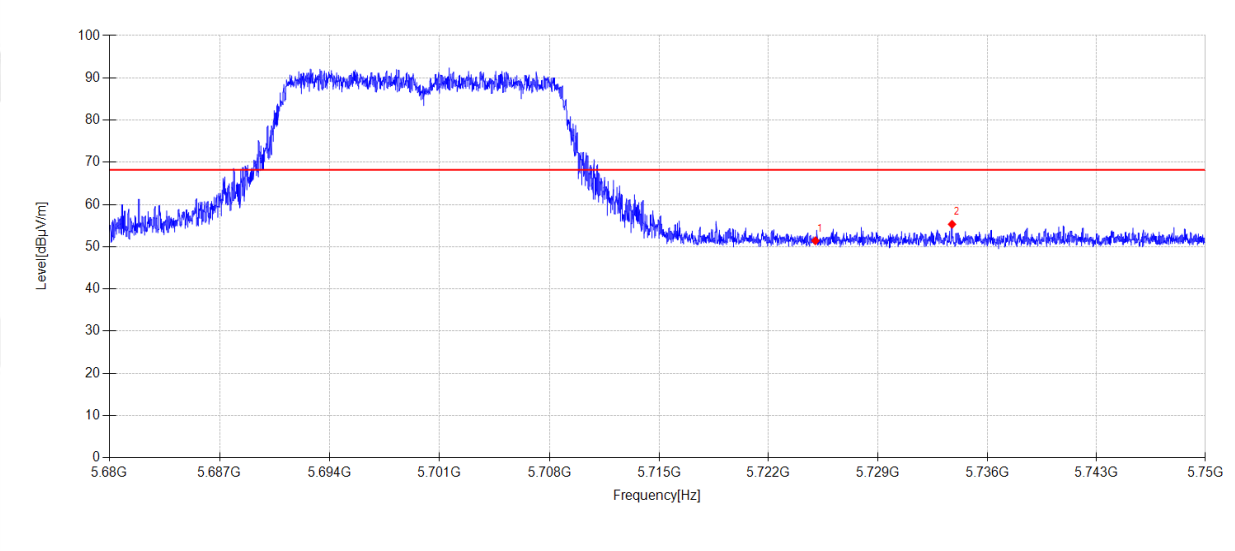
Final Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5433.046	38.26	33.03	5.47	47.16	54.0	6.84	AV	Vertical
2	5460.000	38.17	33.00	5.48	47.05	54.0	6.95	AV	Vertical

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: 2025-01-23 Tested By: Zhong Nan
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03
Test Mode: ANT2 N20 TX 5700MHz Mode Power Supply: DC 12V
Condition: Temp:23°C;Humi:59.5% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\49
Memo: Sample Number:S24122405-001 Power Setting:10



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.60	33.75	5.66	-29.60	51.41	68.20	16.79	PK	Horizontal
2	5733.746	45.46	33.80	5.66	-29.60	55.32	68.20	12.88	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 N20 TX 5700MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

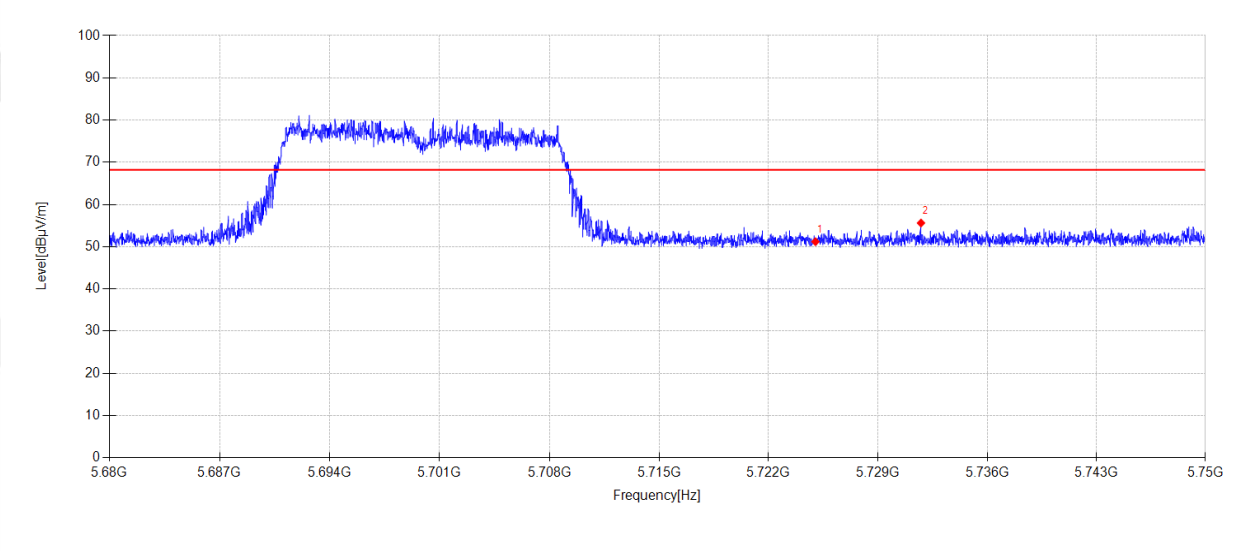
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\50

Memo:

Sample Number:S24122405-001 Power Setting:10



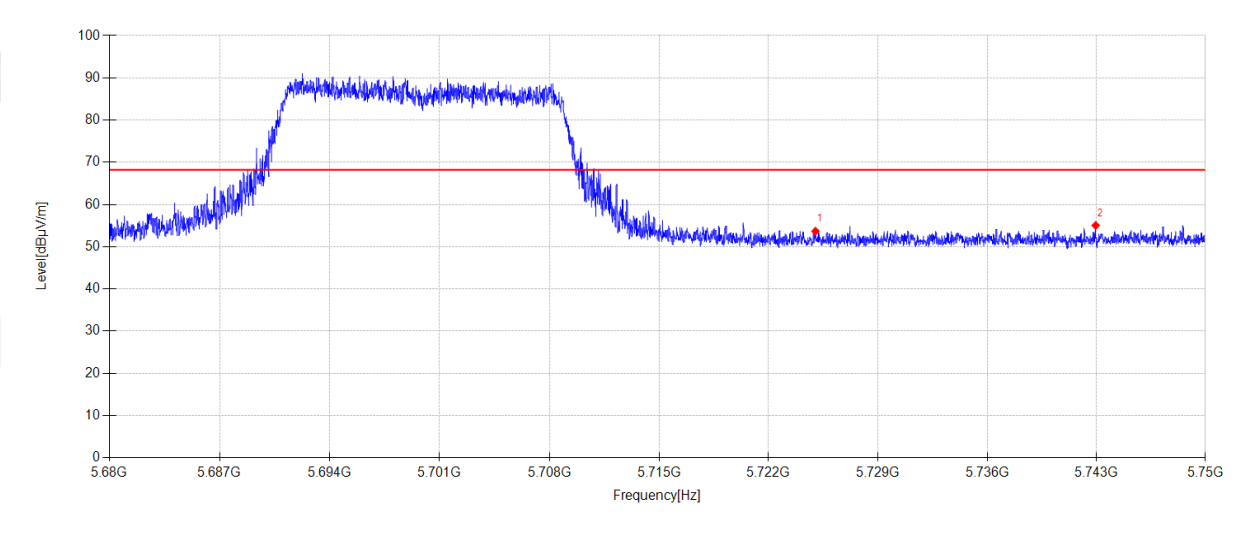
Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.38	33.75	5.66	-29.60	51.19	68.20	17.01	PK	Vertical
2	5731.758	45.77	33.79	5.66	-29.60	55.62	68.20	12.58	PK	Vertical

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: 2025-01-23 Tested By: Zhong Nan
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03
Test Mode: ANT1 N20 TX 5700MHz Mode Power Supply: DC 12V
Condition: Temp:23°C;Humi:59.5% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\51
Memo: Sample Number:S24122405-001 Power Setting:10



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	43.86	33.75	5.66	-29.60	53.67	68.20	14.53	PK	Horizontal
2	5742.958	45.11	33.86	5.67	-29.60	55.04	68.20	13.16	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 N20 TX 5700MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

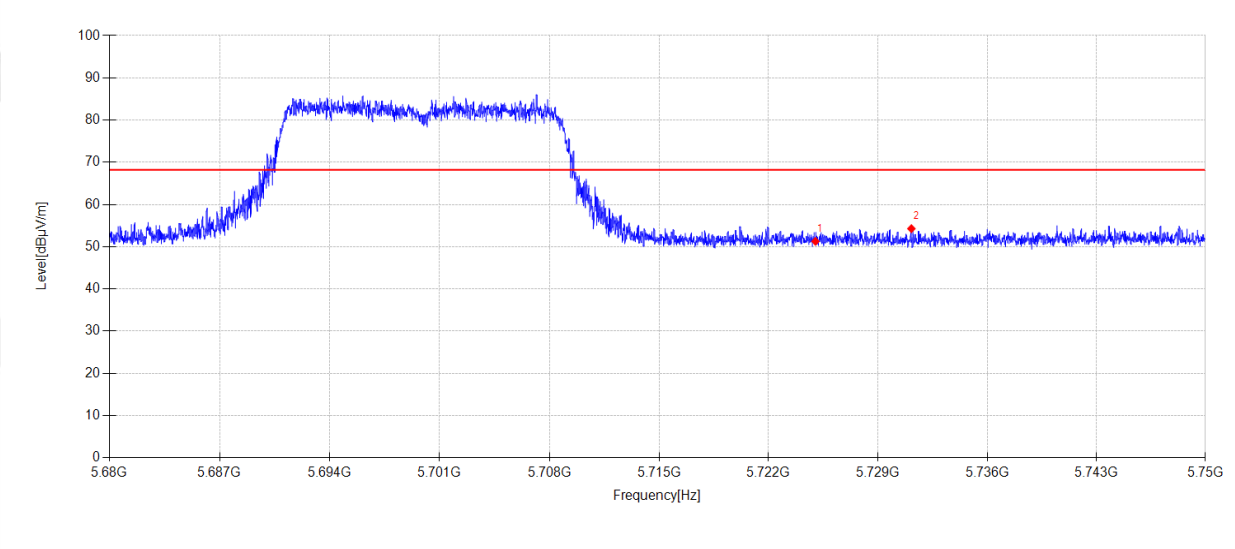
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\52

Memo:

Sample Number:S24122405-001 Power Setting:10



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.46	33.75	5.66	-29.60	51.27	68.20	16.93	PK	Vertical
2	5731.142	44.43	33.79	5.66	-29.60	54.28	68.20	13.92	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 N40 TX 5670MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

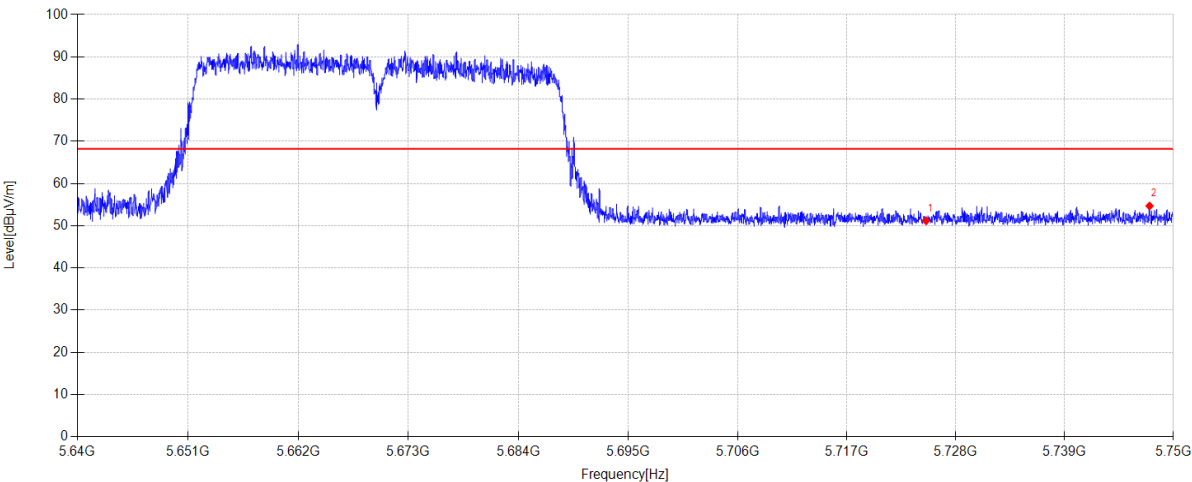
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\65

Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.37	33.75	5.66	-29.60	51.18	68.20	17.02	PK	Horizontal
2	5747.591	44.72	33.89	5.67	-29.60	54.68	68.20	13.52	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 N40 TX 5670MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

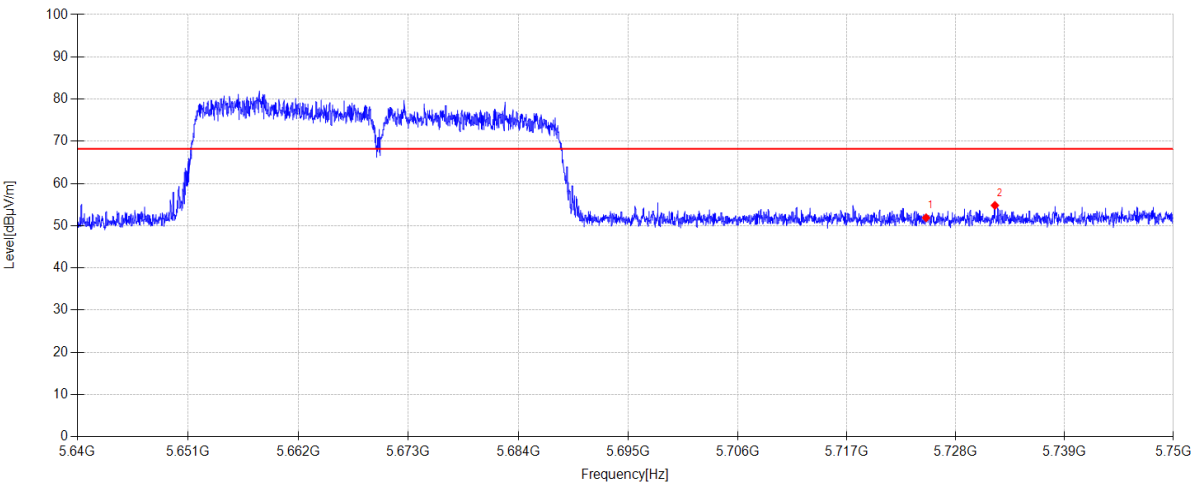
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\66

Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	42.08	33.75	5.66	-29.60	51.89	68.20	16.31	PK	Vertical
2	5731.949	44.96	33.79	5.66	-29.60	54.81	68.20	13.39	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 N40 TX 5670MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

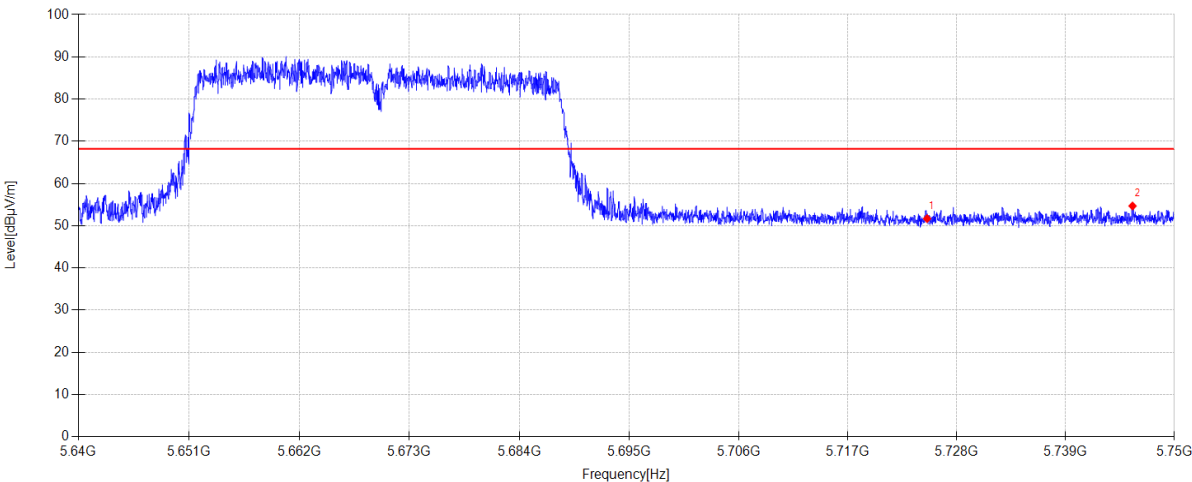
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\67

Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.87	33.75	5.66	-29.60	51.68	68.20	16.52	PK	Horizontal
2	5745.765	44.74	33.87	5.67	-29.60	54.68	68.20	13.52	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 N40 TX 5670MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

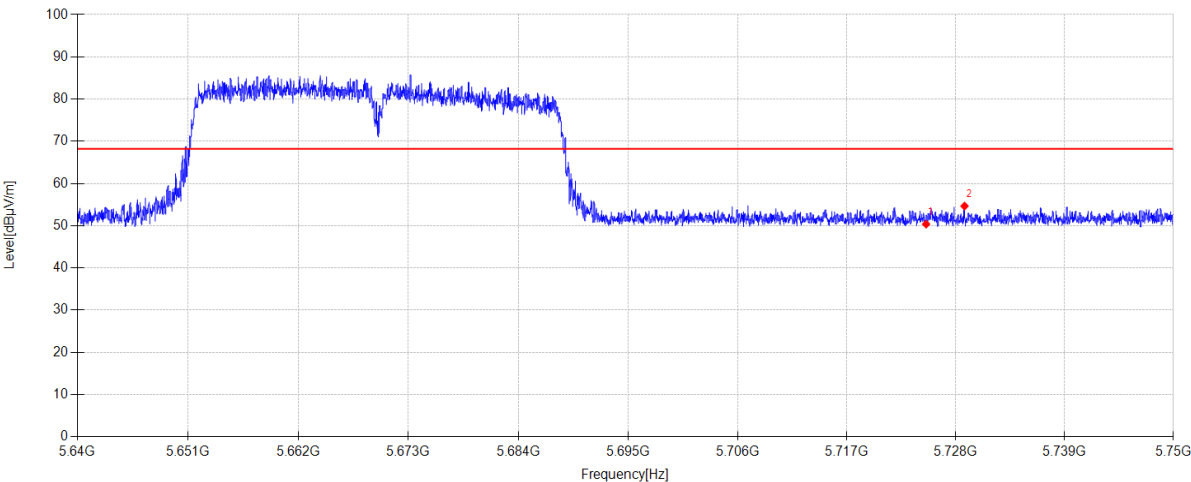
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\68

Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	40.57	33.75	5.66	-29.60	50.38	68.20	17.82	PK	Vertical
2	5728.880	44.82	33.77	5.66	-29.60	54.65	68.20	13.55	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 AC20 TX 5180MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

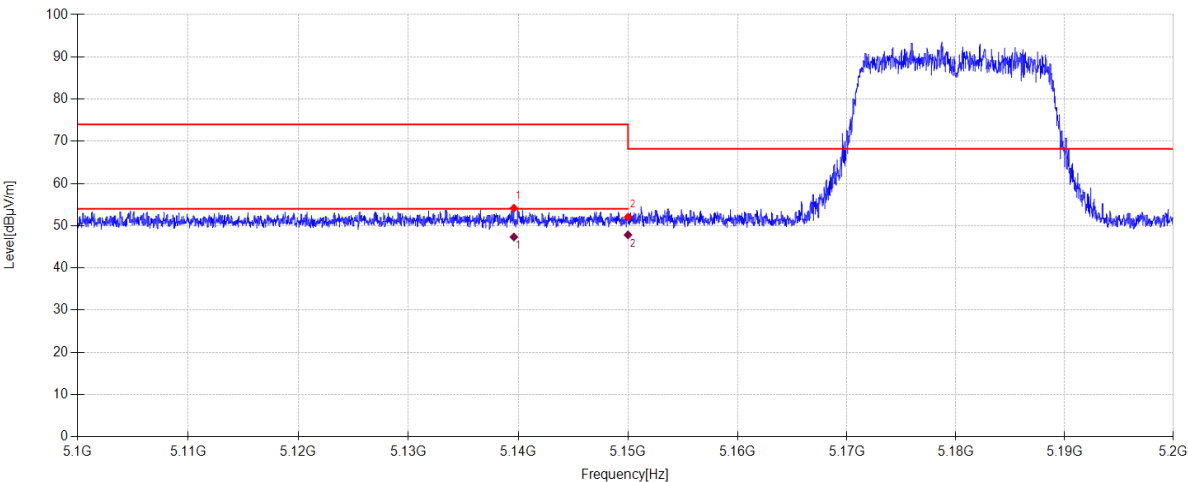
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\69

Memo:

Sample Number:S24122405-001 Power Setting:12

Test Graph



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	5139.600	45.08	33.40	5.27	-29.60	54.15	74.00	19.85	PK	Horizontal
2	5150.000	42.96	33.40	5.28	-29.60	52.04	68.20	16.16	PK	Horizontal

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	5139.600	38.26	33.40	5.27	47.33	54.0	6.67	AV	Horizontal	
2	5150.000	38.74	33.40	5.28	47.82	54.0	6.18	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 AC20 TX 5180MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

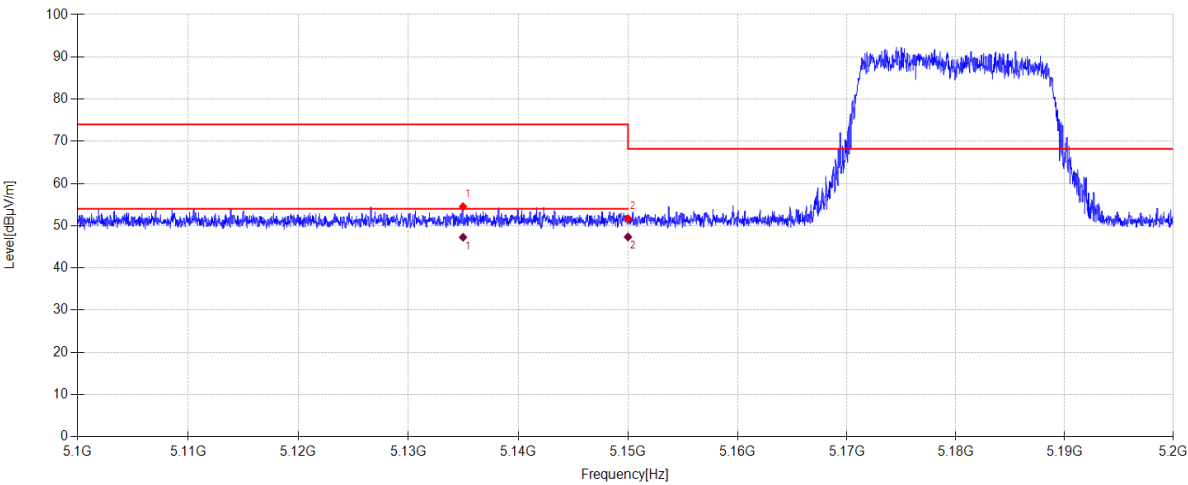
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\70

Memo:

Sample Number:S24122405-001 Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5134.970	45.45	33.40	5.27	-29.60	54.52	74.00	19.48	PK	Vertical
2	5150.000	42.60	33.40	5.28	-29.60	51.68	68.20	16.52	PK	Vertical

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	5134.970	38.19	33.40	5.27	47.26	54.0	6.74	AV	Vertical	
2	5150.000	38.26	33.40	5.28	47.34	54.0	6.66	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.