

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 AC20 TX 5180MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

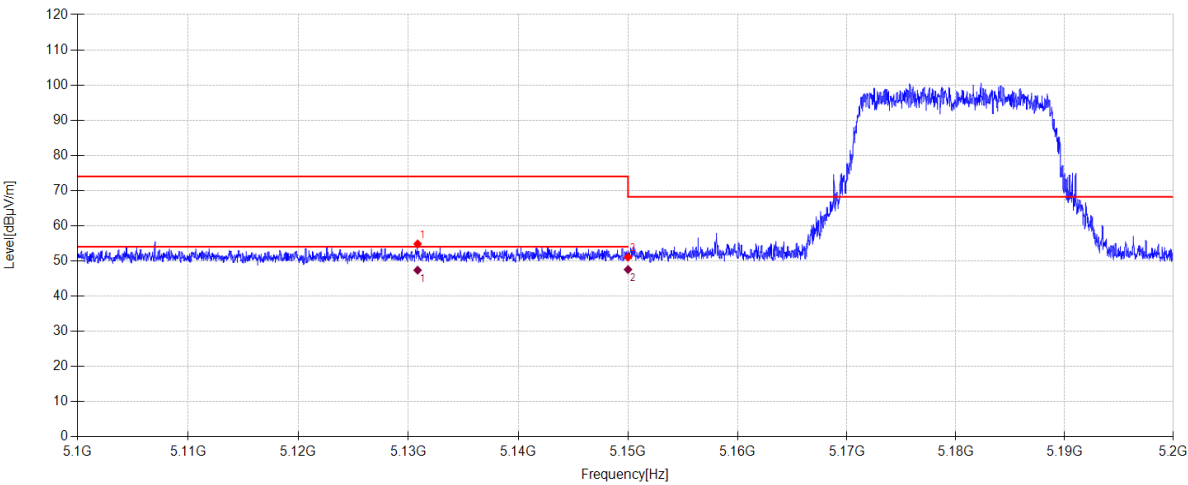
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Memo:

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	5130.840	45.77	33.40	5.27	-29.60	54.84	74.00	19.16	PK	Horizontal
2	5150.000	42.00	33.40	5.28	-29.60	51.08	68.20	17.12	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	5130.840	38.29	33.40	5.27	47.36	54.0	6.64	AV	Horizontal	
2	5150.000	38.47	33.40	5.28	47.55	54.0	6.45	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 AC20 TX 5180MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

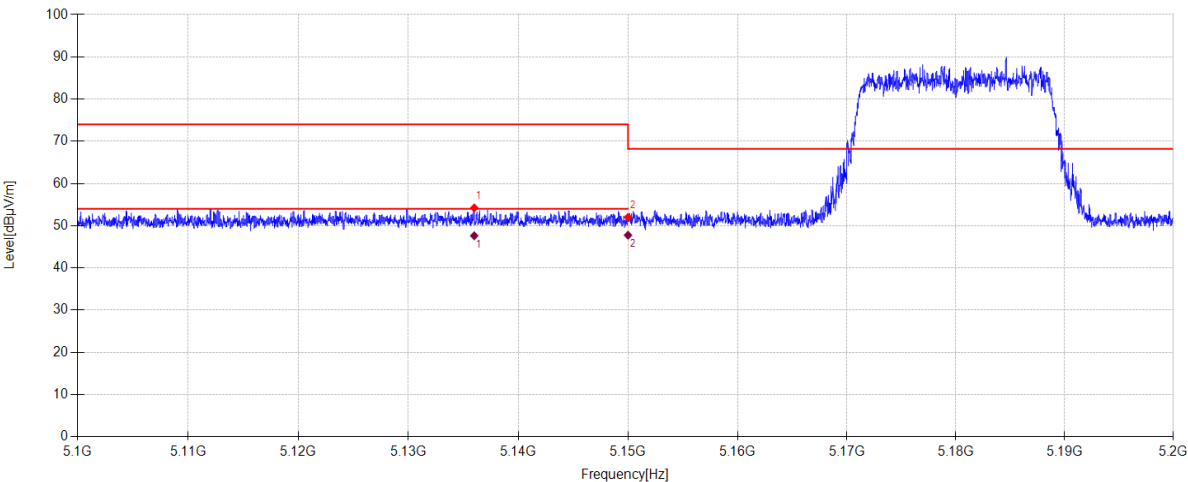
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Memo:

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	5135.990	45.16	33.40	5.27	-29.60	54.23	74.00	19.77	PK	Vertical
2	5150.000	42.92	33.40	5.28	-29.60	52.00	68.20	16.20	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	5135.990	38.55	33.40	5.27	47.62	54.0	6.38	AV	Vertical	
2	5150.000	38.67	33.40	5.28	47.75	54.0	6.25	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 AC20 TX 5320MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

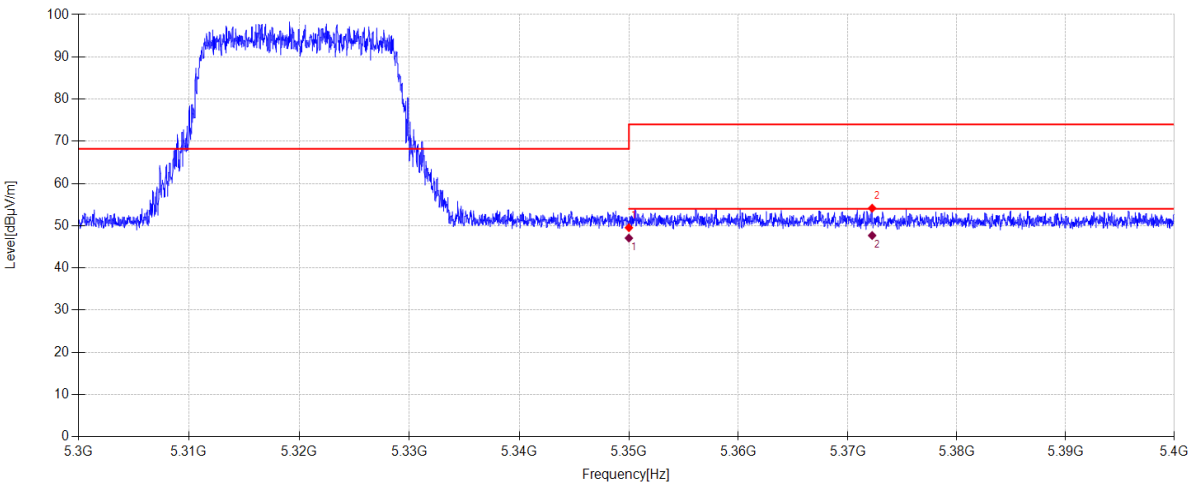
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Memo:

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	5350.000	40.62	33.10	5.41	-29.60	49.53	68.20	18.67	PK	Horizontal
2	5372.240	45.22	33.10	5.43	-29.60	54.15	74.00	19.85	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	5350.000	38.16	33.10	5.41	47.07	54.0	6.93	AV	Horizontal	
2	5372.240	38.75	33.10	5.43	47.68	54.0	6.32	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 AC20 TX 5320MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

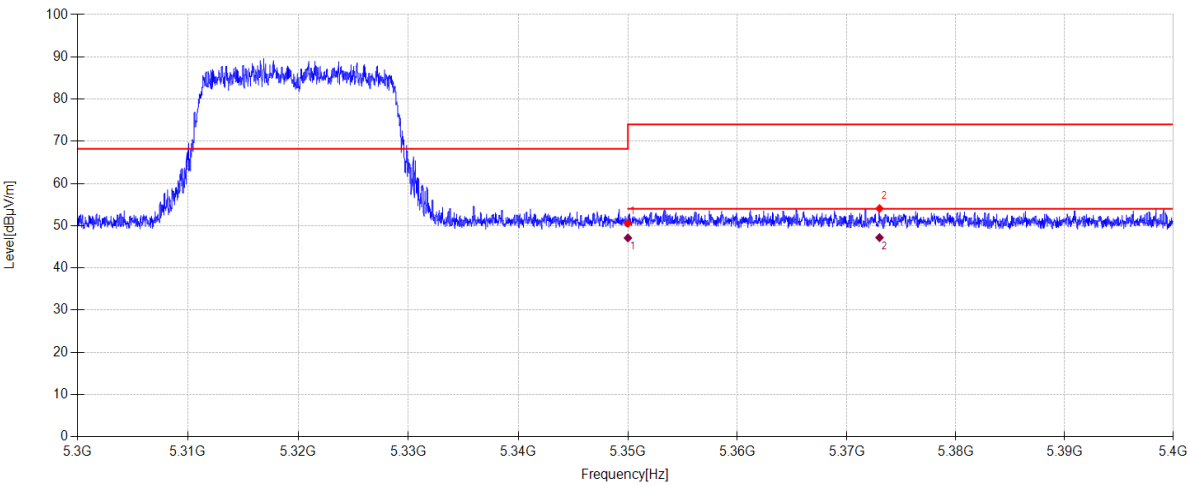
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Memo:

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	5350.000	41.66	33.10	5.41	-29.60	50.57	68.20	17.63	PK	Vertical
2	5373.010	45.15	33.10	5.43	-29.60	54.08	74.00	19.92	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	5350.000	38.19	33.10	5.41	47.10	54.0	6.90	AV	Vertical	
2	5373.010	38.26	33.10	5.43	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

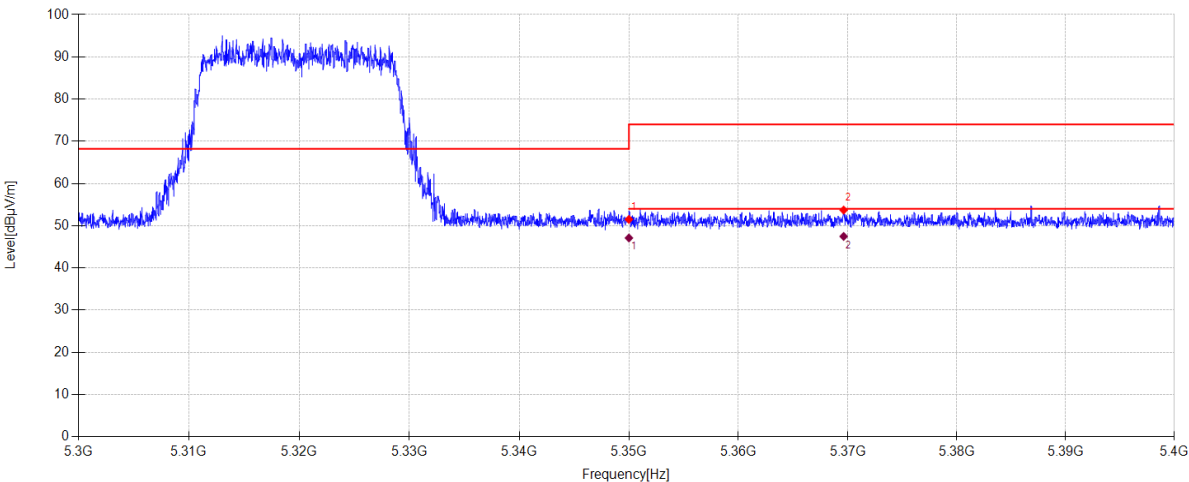
Test Mode: ANT1 AC20 TX 5320MHz Mode Power Supply: DC 12V

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

File Path: d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\75

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	5350.000	42.59	33.10	5.41	-29.60	51.50	68.20	16.70	PK	Horizontal
2	5369.630	44.79	33.10	5.42	-29.60	53.71	74.00	20.29	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	5350.000	38.19	33.10	5.41	47.10	54.0	6.90	AV	Horizontal	
2	5369.630	38.54	33.10	5.42	47.46	54.0	6.54	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 5320MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

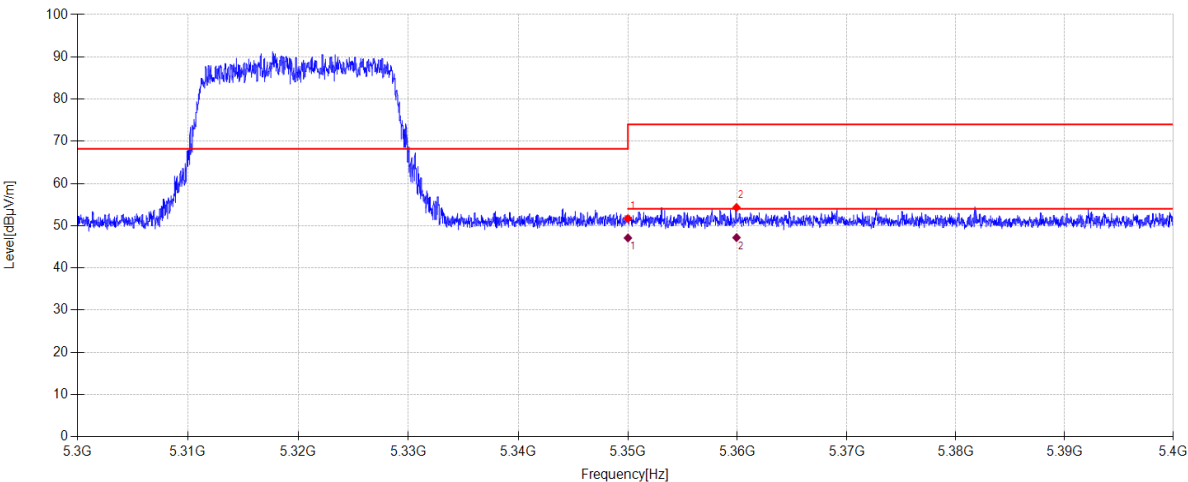
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Memo:

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	5350.000	42.77	33.10	5.41	-29.60	51.68	68.20	16.52	PK	Vertical
2	5359.920	45.40	33.10	5.42	-29.60	54.32	74.00	19.68	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	5350.000	38.19	33.10	5.41	47.10	54.0	6.90	AV	Vertical	
2	5359.920	38.26	33.10	5.42	47.18	54.0	6.82	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 AC20 TX 5500MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

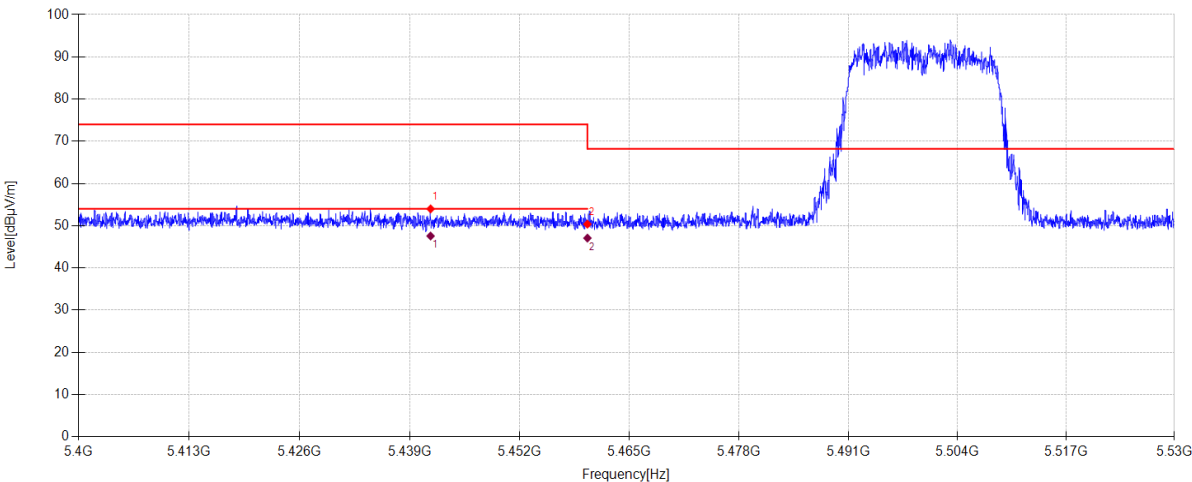
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Memo:

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	5441.444	45.10	33.02	5.47	-29.60	53.99	74.00	20.01	PK	Horizontal
2	5460.000	41.49	33.00	5.48	-29.60	50.37	68.20	17.83	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	5441.444	38.67	33.02	5.47	47.56	54.0	6.44	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 AC20 TX 5500MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

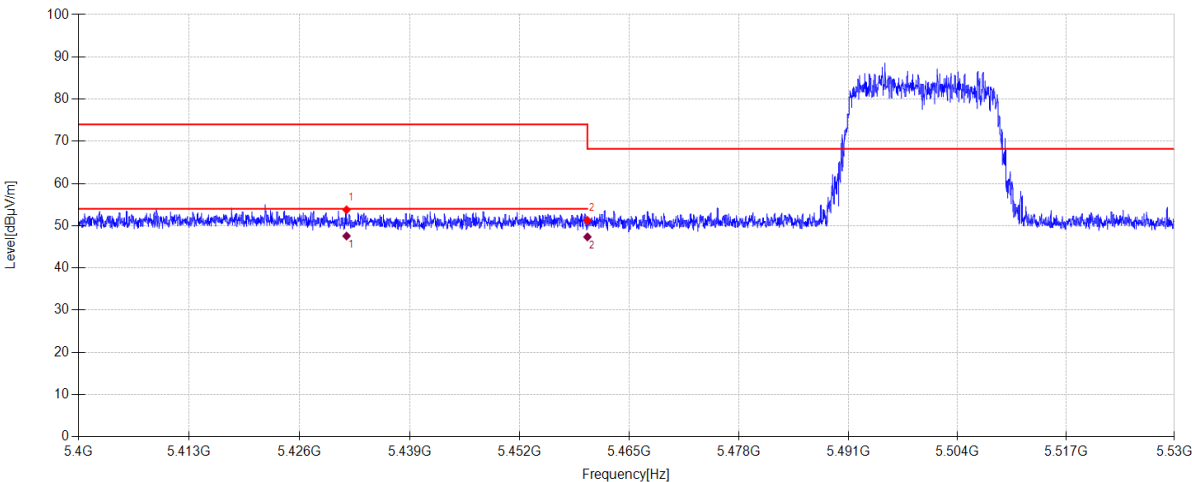
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Memo:

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	5431.525	44.88	33.04	5.46	-29.60	53.78	74.00	20.22	PK	Vertical
2	5460.000	42.38	33.00	5.48	-29.60	51.26	68.20	16.94	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	5431.525	38.66	33.04	5.46	47.56	54.0	6.44	AV	Vertical	
2	5460.000	38.47	33.00	5.48	47.35	54.0	6.65	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 AC20 TX 5500MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

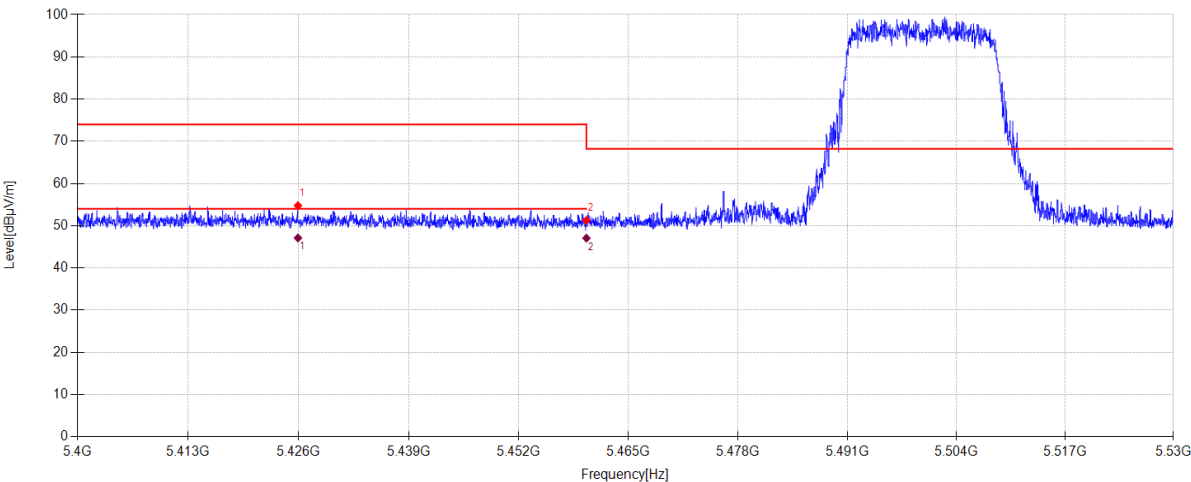
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Memo:

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	5425.922	45.85	33.05	5.46	-29.60	54.76	74.00	19.24	PK	Horizontal
2	5460.000	42.37	33.00	5.48	-29.60	51.25	68.20	16.95	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	5425.922	38.19	33.05	5.46	47.10	54.0	6.90	AV	Horizontal	
2	5460.000	38.17	33.00	5.48	47.05	54.0	6.95	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 AC20 TX 5500MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

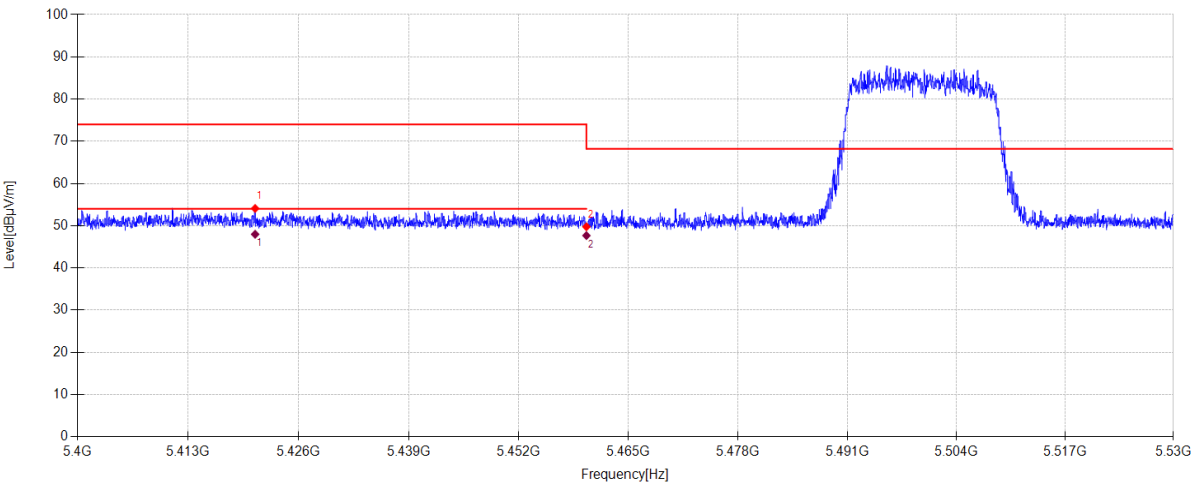
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Memo:

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	5420.878	45.17	33.06	5.46	-29.60	54.09	74.00	19.91	PK	Vertical
2	5460.000	40.88	33.00	5.48	-29.60	49.76	68.20	18.44	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	5420.878	39.06	33.06	5.46	47.98	54.0	6.02	AV	Vertical	
2	5460.000	38.78	33.00	5.48	47.66	54.0	6.34	AV	Vertical	

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

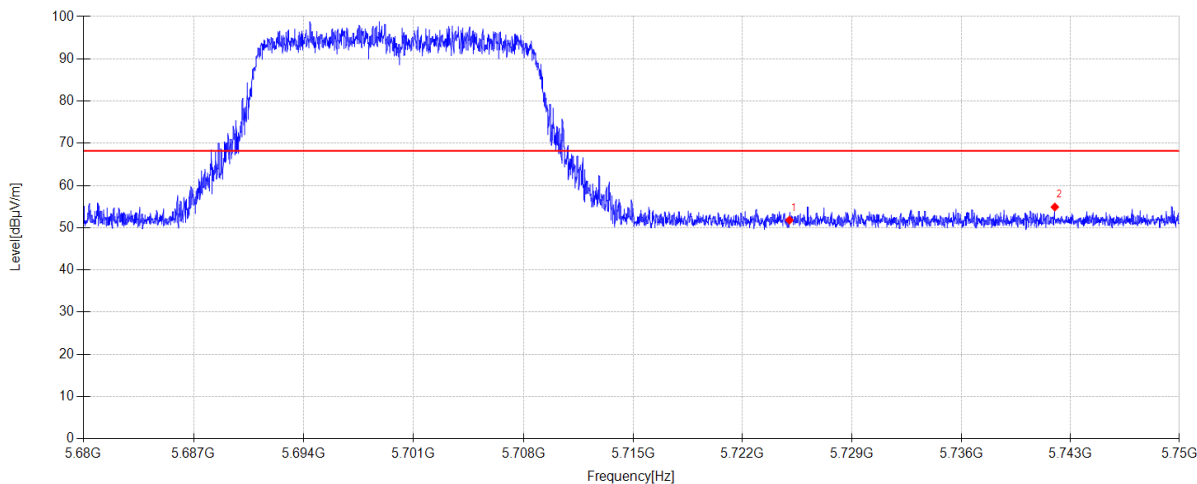
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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 AC20 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\81
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	5725.000	41.98	33.75	5.66	-29.60	51.79	68.20	16.41	PK	Horizontal
2	5742.006	44.99	33.85	5.67	-29.60	54.91	68.20	13.29	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 AC20 TX 5700MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

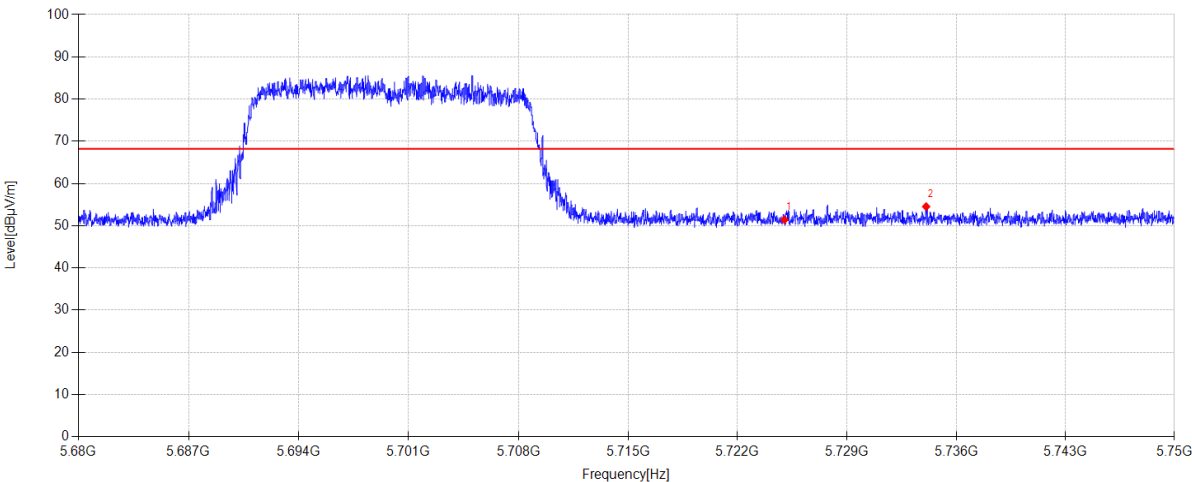
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Memo:

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	5725.000	41.61	33.75	5.66	-29.60	51.42	68.20	16.78	PK	Vertical
2	5734.075	44.67	33.80	5.66	-29.60	54.53	68.20	13.67	PK	Vertical

Note:

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

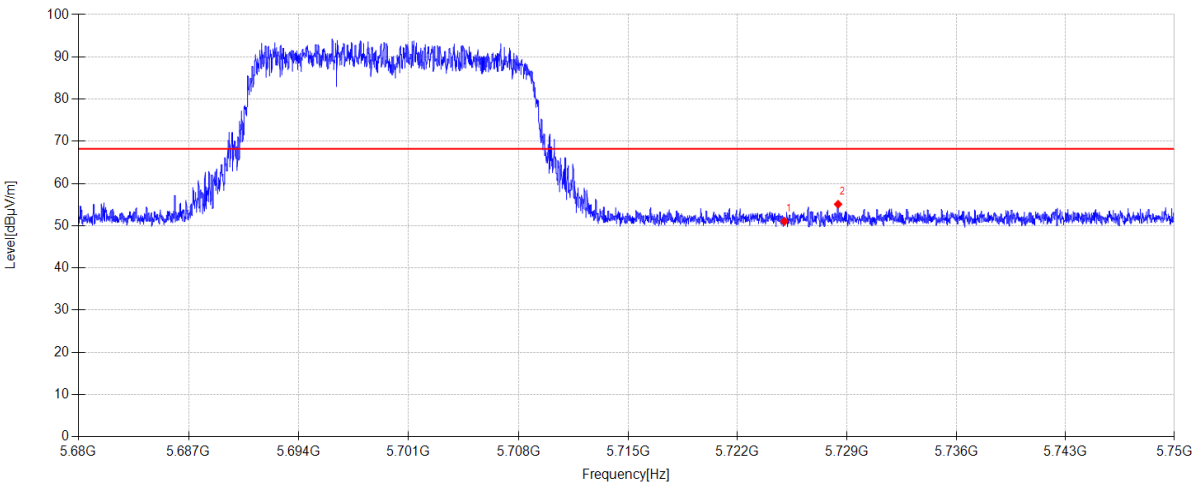
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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 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\83
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	5725.000	41.25	33.75	5.66	-29.60	51.06	68.20	17.14	PK	Horizontal
2	5728.433	45.26	33.77	5.66	-29.60	55.09	68.20	13.11	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 AC20 TX 5700MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

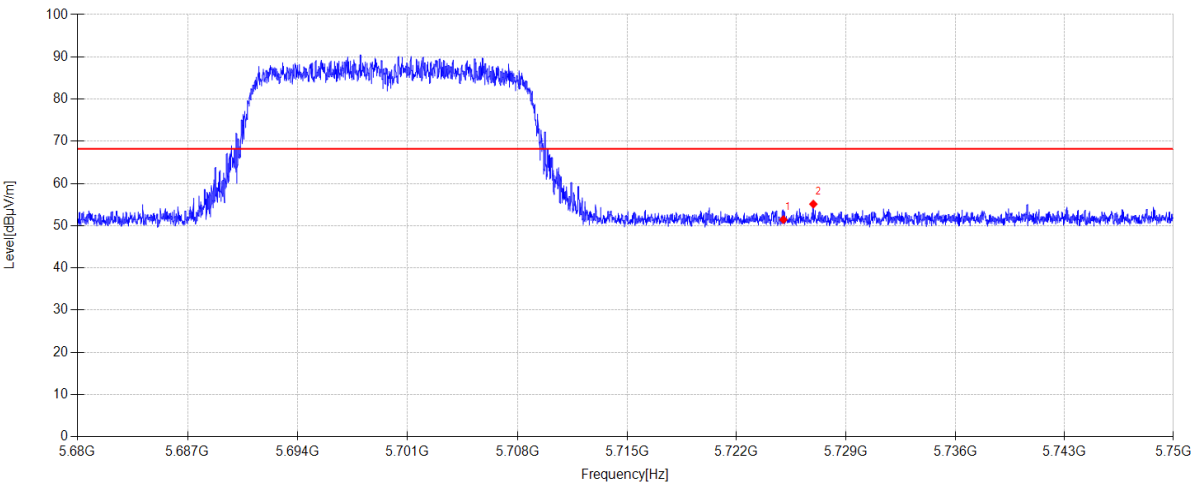
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Memo:

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	5725.000	41.64	33.75	5.66	-29.60	51.45	68.20	16.75	PK	Vertical
2	5726.914	45.30	33.76	5.66	-29.60	55.12	68.20	13.08	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 AC40 TX 5190MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

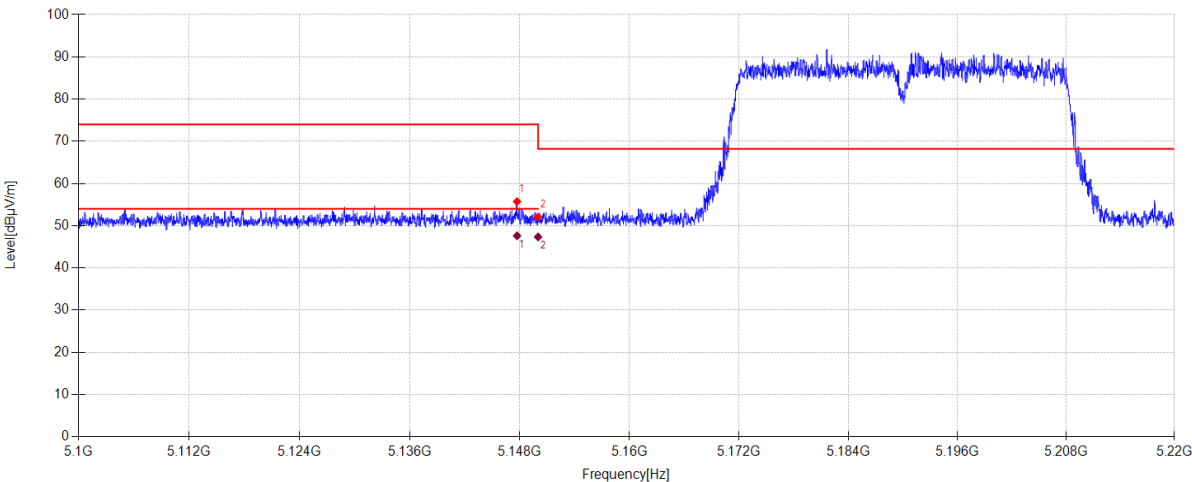
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\85

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	5147.700	46.64	33.40	5.28	-29.60	55.72	74.00	18.28	PK	Horizontal
2	5150.000	42.97	33.40	5.28	-29.60	52.05	68.20	16.15	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	5147.700	38.54	33.40	5.28	47.62	54.0	6.38	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

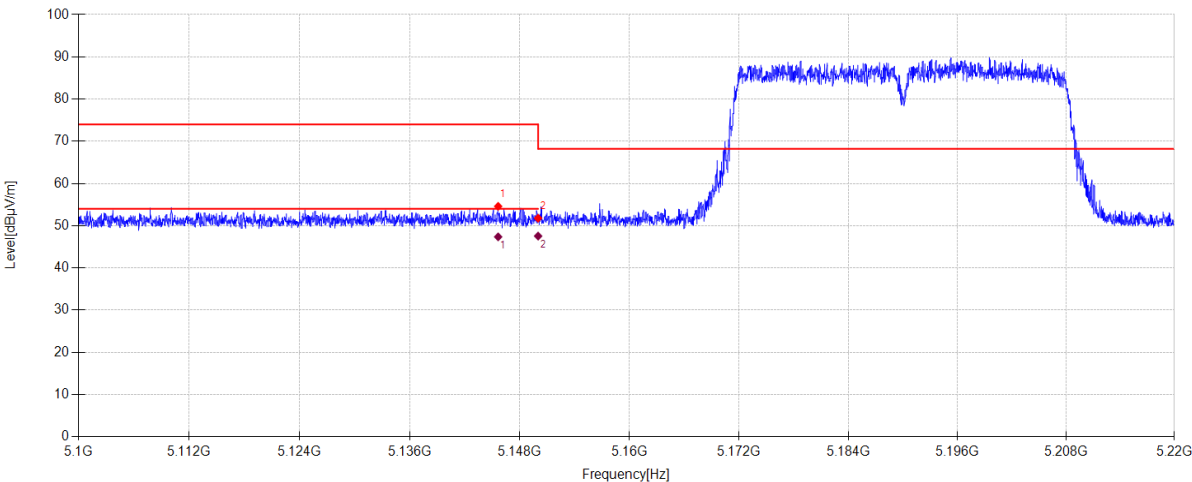
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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: ANT1 AC40 TX 5190MHz 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\86
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	5145.636	45.52	33.40	5.28	-29.60	54.60	74.00	19.40	PK	Vertical
2	5150.000	42.70	33.40	5.28	-29.60	51.78	68.20	16.42	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	5145.636	38.29	33.40	5.28	47.37	54.0	6.63	AV	Vertical
2	5150.000	38.47	33.40	5.28	47.55	54.0	6.45	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 AC40 TX 5190MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

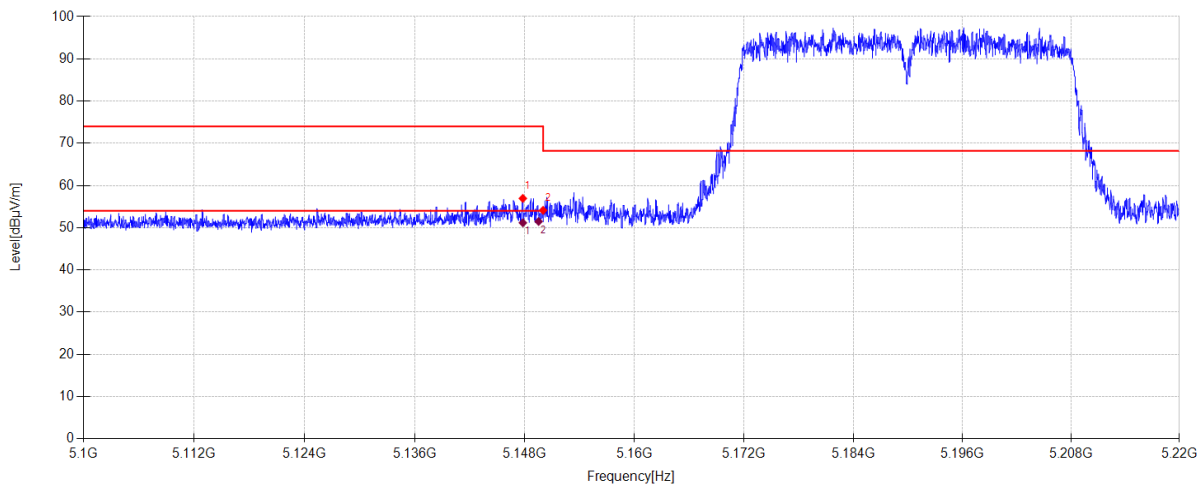
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Memo:

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	5147.784	47.86	33.40	5.28	-29.60	56.94	74.00	17.06	PK	Horizontal
2	5150.000	45.04	33.40	5.28	-29.60	54.12	68.20	14.08	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	5147.787	42.08	33.40	5.28	51.16	54.0	2.84	AV	Horizontal	
2	5149.507	42.40	33.40	5.28	51.48	54.0	2.52	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 AC40 TX 5190MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

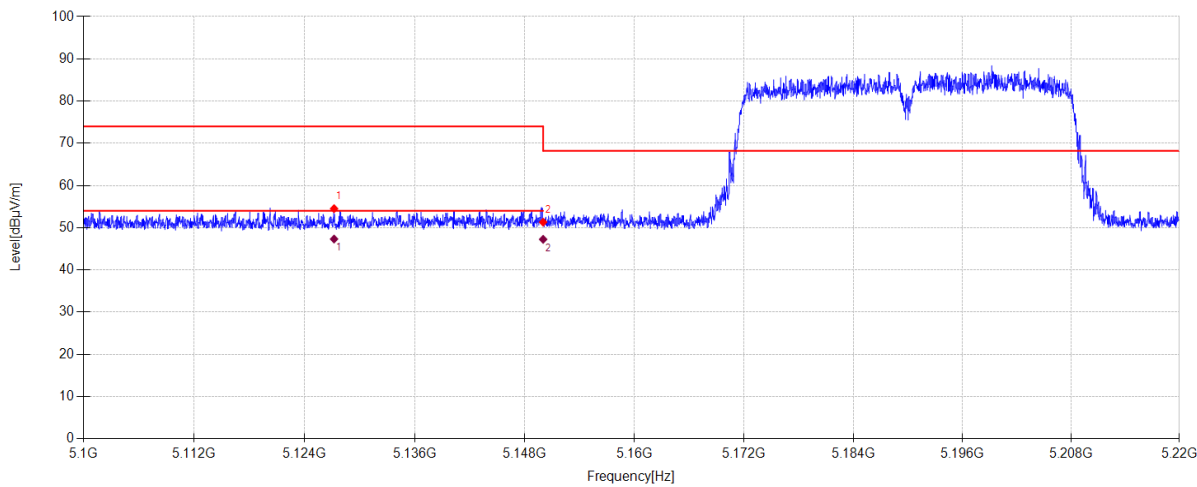
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Memo:

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	5127.204	45.46	33.40	5.26	-29.60	54.52	74.00	19.48	PK	Vertical
2	5150.000	42.24	33.40	5.28	-29.60	51.32	68.20	16.88	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	5127.204	38.26	33.40	5.26	47.32	54.0	6.68	AV	Vertical	
2	5150.000	38.17	33.40	5.28	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 AC40 TX 5310MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

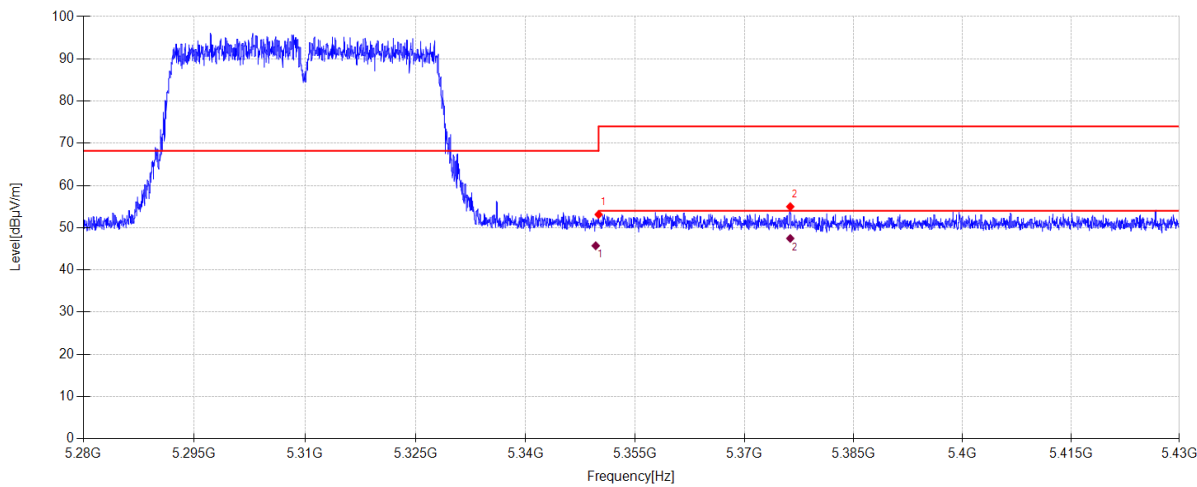
File Path:

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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	5350.000	44.22	33.10	5.41	-29.60	53.13	68.20	15.07	PK	Horizontal
2	5376.270	46.06	33.10	5.43	-29.60	54.99	74.00	19.01	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	5349.600	36.82	33.10	5.41	45.73	54.0	8.27	AV	Horizontal	
2	5376.270	38.54	33.10	5.43	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 AC40 TX 5310MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

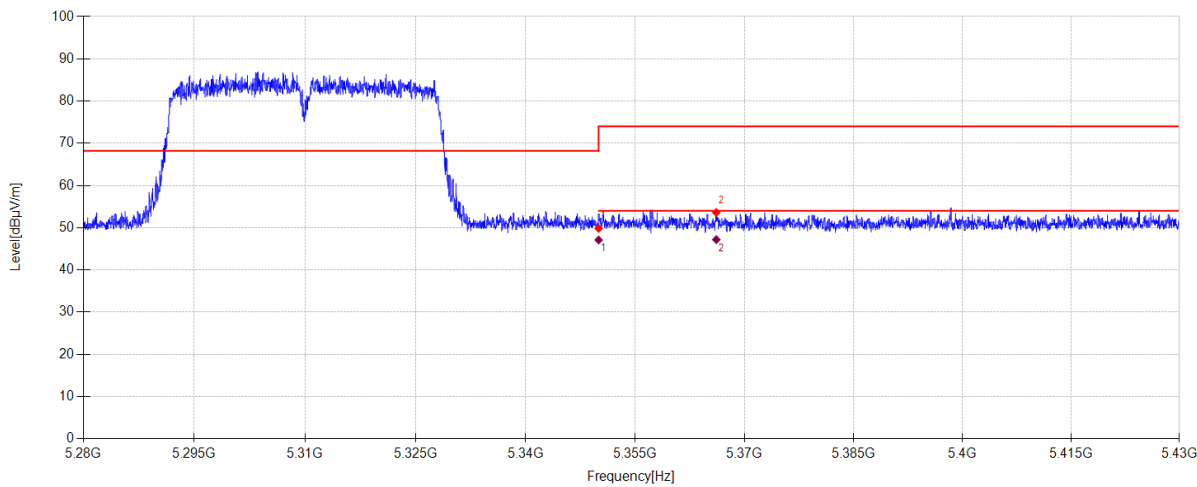
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Memo:

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	5350.000	40.93	33.10	5.41	-29.60	49.84	68.20	18.36	PK	Vertical
2	5366.115	44.69	33.10	5.42	-29.60	53.61	74.00	20.39	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	5350.000	38.19	33.10	5.41	47.10	54.0	6.90	AV	Vertical
2	5366.115	38.26	33.10	5.42	47.18	54.0	6.82	AV	Vertical

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

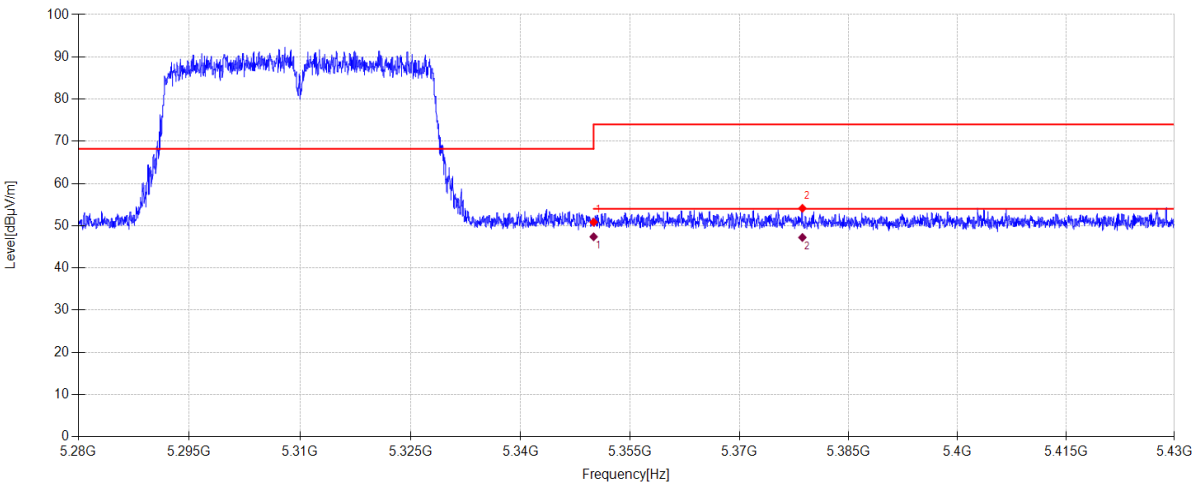
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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 AC40 TX 5310MHz 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\91
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	5350.000	41.93	33.10	5.41	-29.60	50.84	68.20	17.36	PK	Horizontal
2	5378.625	45.19	33.10	5.43	-29.60	54.12	74.00	19.88	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	5350.000	38.47	33.10	5.41	47.38	54.0	6.62	AV	Horizontal
2	5378.625	38.29	33.10	5.43	47.22	54.0	6.78	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 AC40 TX 5310MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

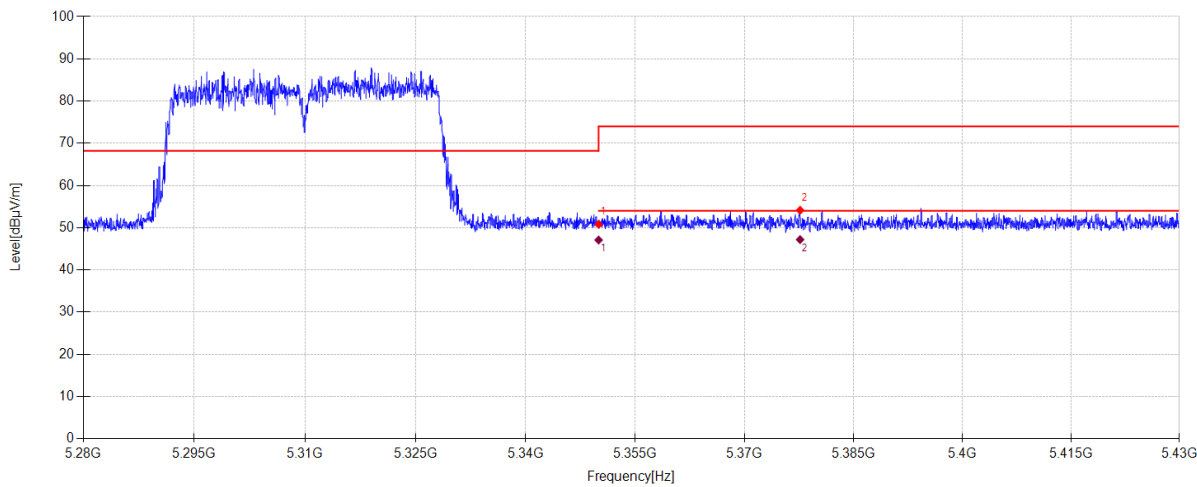
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Memo:

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	5350.000	41.91	33.10	5.41	-29.60	50.82	68.20	17.38	PK	Vertical
2	5377.620	45.21	33.10	5.43	-29.60	54.14	74.00	19.86	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	5350.000	38.18	33.10	5.41	47.09	54.0	6.91	AV	Vertical	
2	5377.620	38.26	33.10	5.43	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 AC40 TX 5510MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

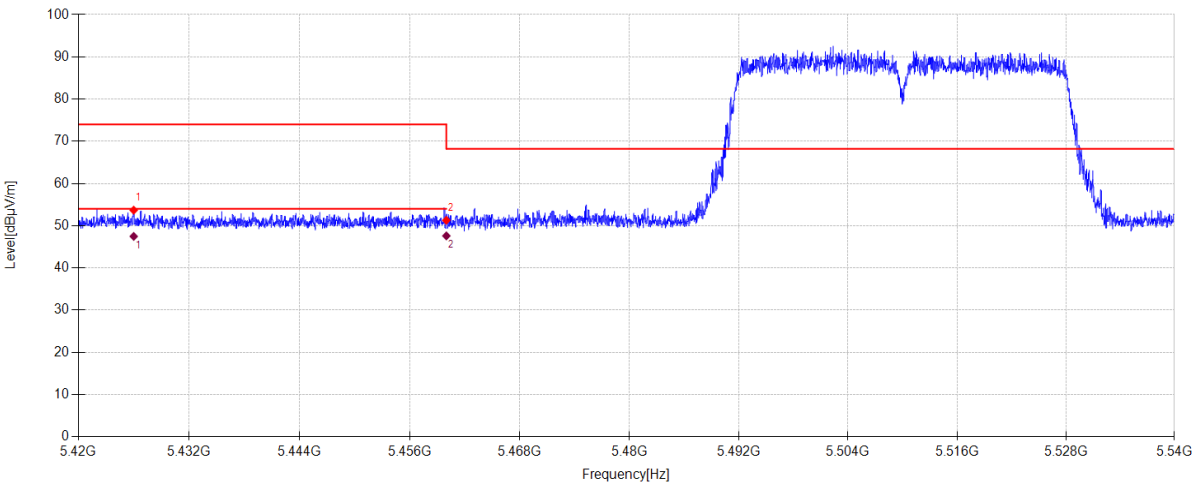
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Memo:

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	5426.000	44.77	33.05	5.46	-29.60	53.68	74.00	20.32	PK	Horizontal
2	5460.000	42.40	33.00	5.48	-29.60	51.28	68.20	16.92	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	5426.000	38.56	33.05	5.46	47.47	54.0	6.53	AV	Horizontal	
2	5460.000	38.71	33.00	5.48	47.59	54.0	6.41	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 AC40 TX 5510MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

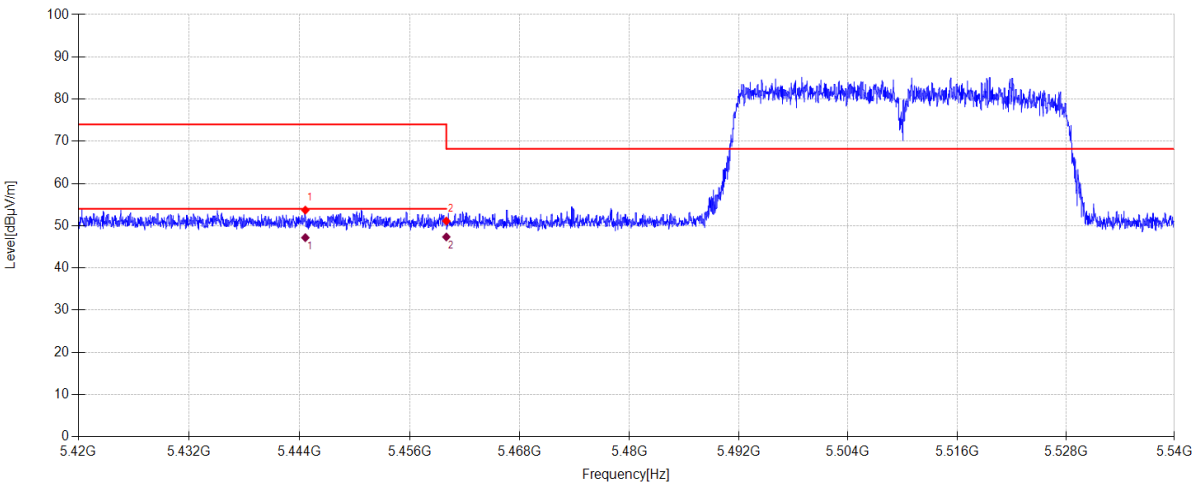
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\94

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	5444.636	44.81	33.01	5.47	-29.60	53.69	74.00	20.31	PK	Vertical
2	5460.000	42.23	33.00	5.48	-29.60	51.11	68.20	17.09	PK	Vertical

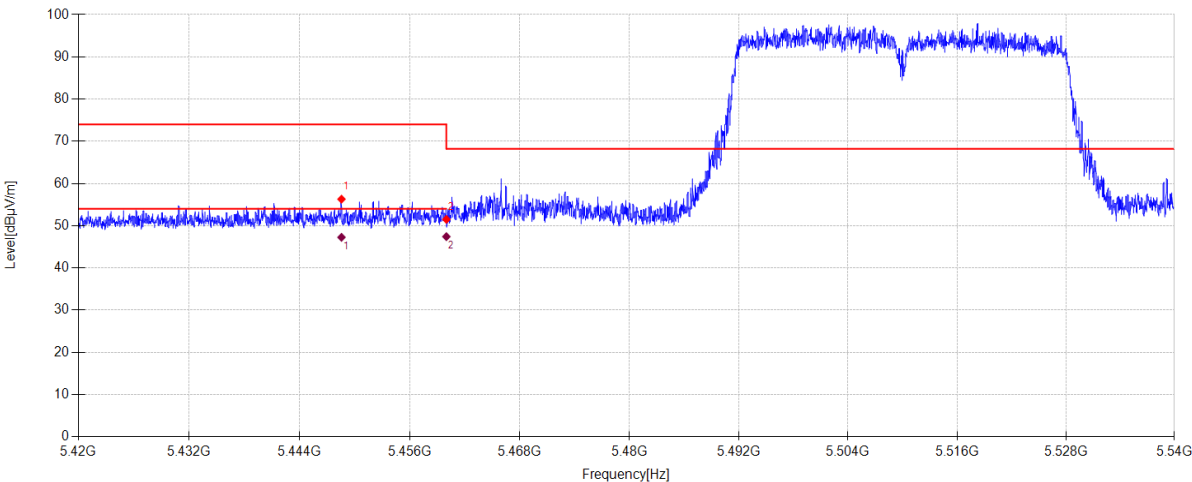
Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5444.636	38.29	33.01	5.47	47.17	54.0	6.83	AV	Vertical	
2	5460.000	38.47	33.00	5.48	47.35	54.0	6.65	AV	Vertical	

- 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 AC40 TX 5510MHz 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\95
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	5448.572	47.41	33.00	5.48	-29.60	56.29	74.00	17.71	PK	Horizontal
2	5460.000	42.62	33.00	5.48	-29.60	51.50	68.20	16.70	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	5448.572	38.38	33.00	5.48	47.26	54.0	6.74	AV	Horizontal
2	5460.000	38.54	33.00	5.48	47.42	54.0	6.58	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 AC40 TX 5510MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

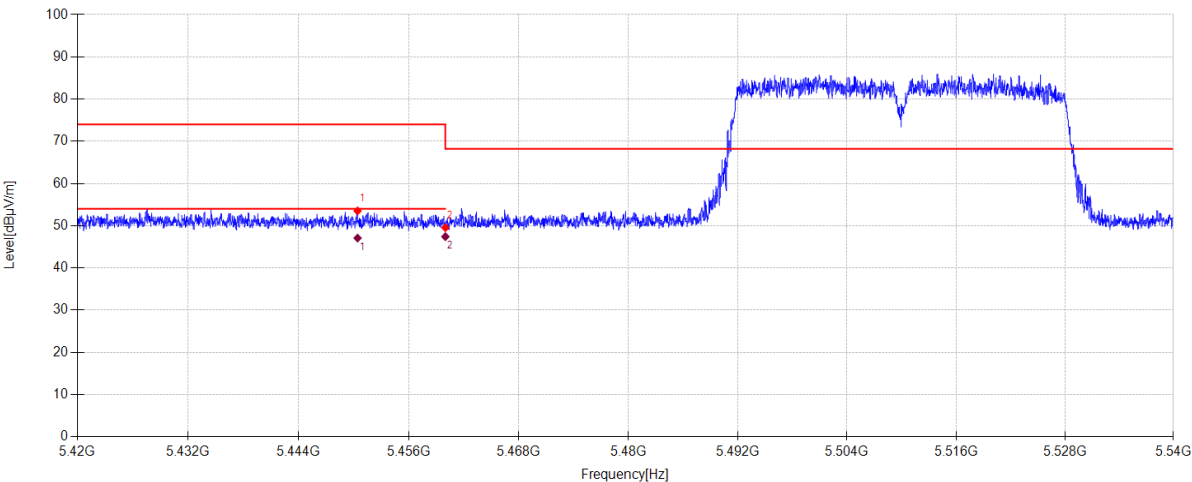
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Memo:

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	5450.432	44.64	33.00	5.48	-29.60	53.52	74.00	20.48	PK	Vertical
2	5460.000	40.67	33.00	5.48	-29.60	49.55	68.20	18.65	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	5450.432	38.19	33.00	5.48	47.07	54.0	6.93	AV	Vertical	
2	5460.000	38.53	33.00	5.48	47.41	54.0	6.59	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 AC40 TX 5670MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

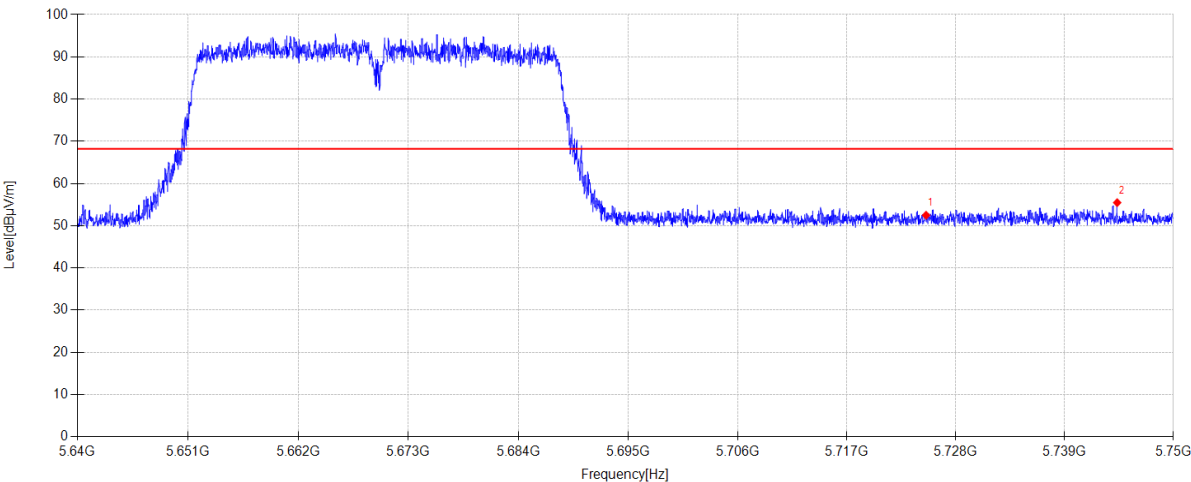
File Path:

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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	5725.000	42.67	33.75	5.66	-29.60	52.48	68.20	15.72	PK	Horizontal
2	5744.313	45.53	33.87	5.67	-29.60	55.47	68.20	12.73	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 AC40 TX 5670MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

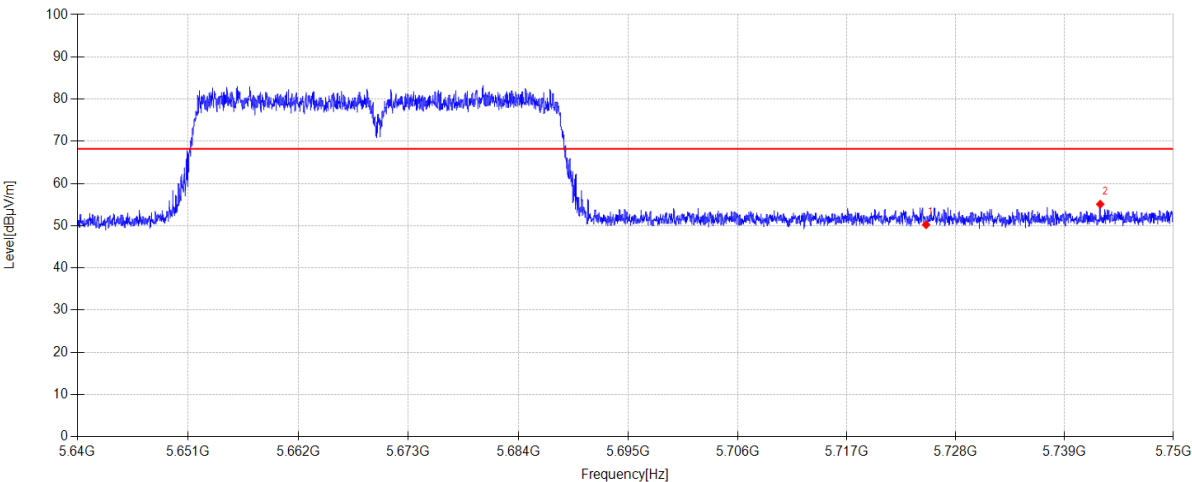
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\98

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	5725.000	40.43	33.75	5.66	-29.60	50.24	68.20	17.96	PK	Vertical
2	5742.597	45.17	33.86	5.67	-29.60	55.10	68.20	13.10	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 AC40 TX 5670MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

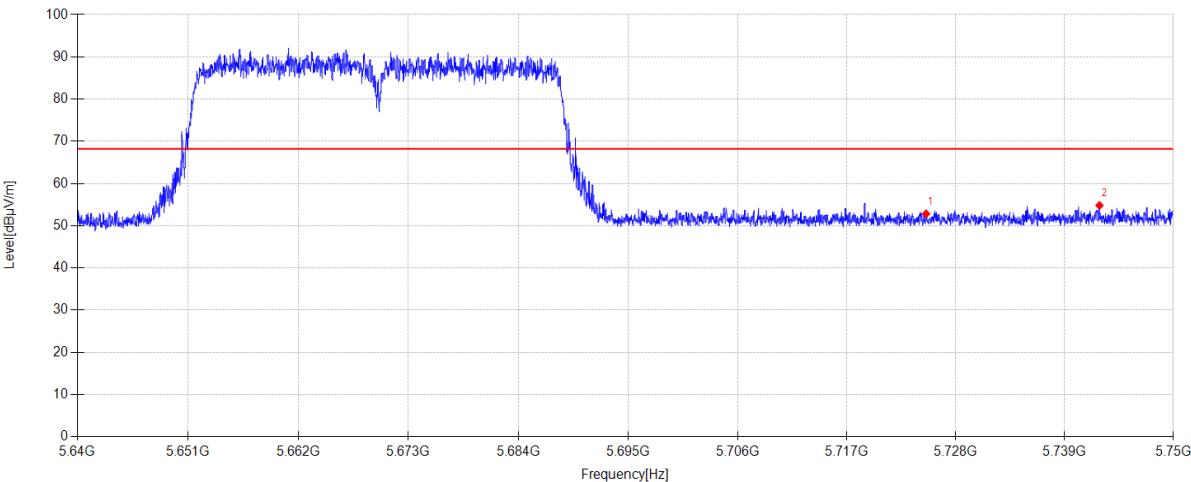
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Memo:

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	5725.000	43.02	33.75	5.66	-29.60	52.83	68.20	15.37	PK	Horizontal
2	5742.520	44.87	33.86	5.67	-29.60	54.80	68.20	13.40	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 AC40 TX 5670MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

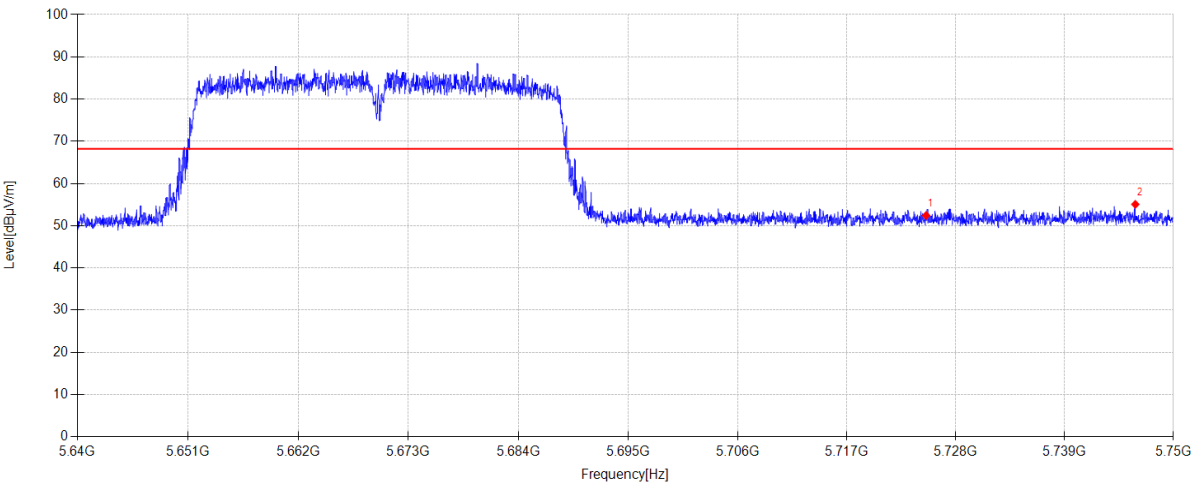
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Memo:

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	5725.000	42.61	33.75	5.66	-29.60	52.42	68.20	15.78	PK	Vertical
2	5746.150	45.11	33.88	5.67	-29.60	55.06	68.20	13.14	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:

2025-01-23

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 AC80 TX 5210MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

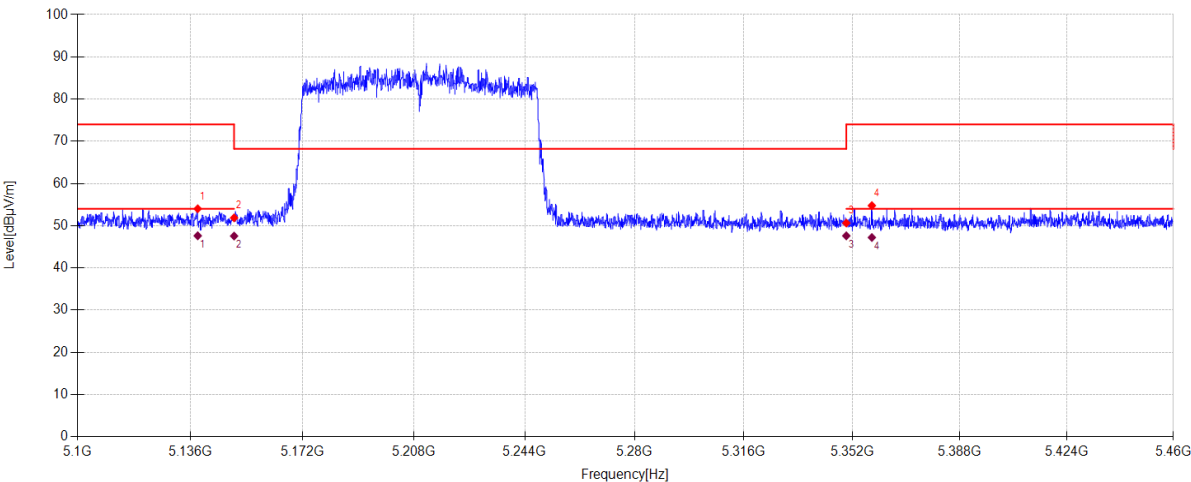
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\101

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	5138.340	44.95	33.40	5.27	-29.60	54.02	74.00	19.98	PK	Horizontal
2	5150.000	42.79	33.40	5.28	-29.60	51.87	68.20	16.33	PK	Horizontal
3	5350.000	41.73	33.10	5.41	-29.60	50.64	68.20	17.56	PK	Horizontal
4	5358.516	45.84	33.10	5.42	-29.60	54.76	74.00	19.24	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	5138.340	38.55	33.40	5.27	47.62	54.0	6.38	AV	Horizontal
2	5150.000	38.47	33.40	5.28	47.55	54.0	6.45	AV	Horizontal
3	5350.000	38.69	33.10	5.41	47.60	54.0	6.40	AV	Horizontal
4	5358.516	38.29	33.10	5.42	47.21	54.0	6.79	AV	Horizontal

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

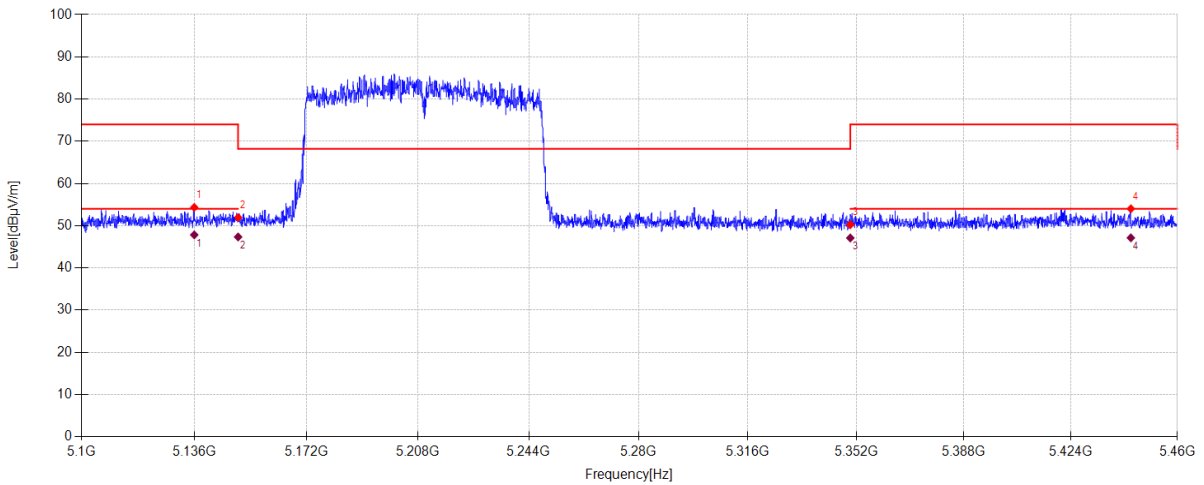
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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 AC80 TX 5210MHz 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\102
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	5135.964	45.27	33.40	5.27	-29.60	54.34	74.00	19.66	PK	Vertical
2	5150.000	42.86	33.40	5.28	-29.60	51.94	68.20	16.26	PK	Vertical
3	5350.000	41.33	33.10	5.41	-29.60	50.24	68.20	17.96	PK	Vertical
4	5444.232	45.14	33.01	5.47	-29.60	54.02	74.00	19.98	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	5135.964	38.77	33.40	5.27	47.84	54.0	6.16	AV	Vertical
2	5150.000	38.26	33.40	5.28	47.34	54.0	6.66	AV	Vertical
3	5350.000	38.19	33.10	5.41	47.10	54.0	6.90	AV	Vertical
4	5444.232	38.25	33.01	5.47	47.13	54.0	6.87	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 AC80 TX 5210MHz Mode

Power Supply:DC 12V

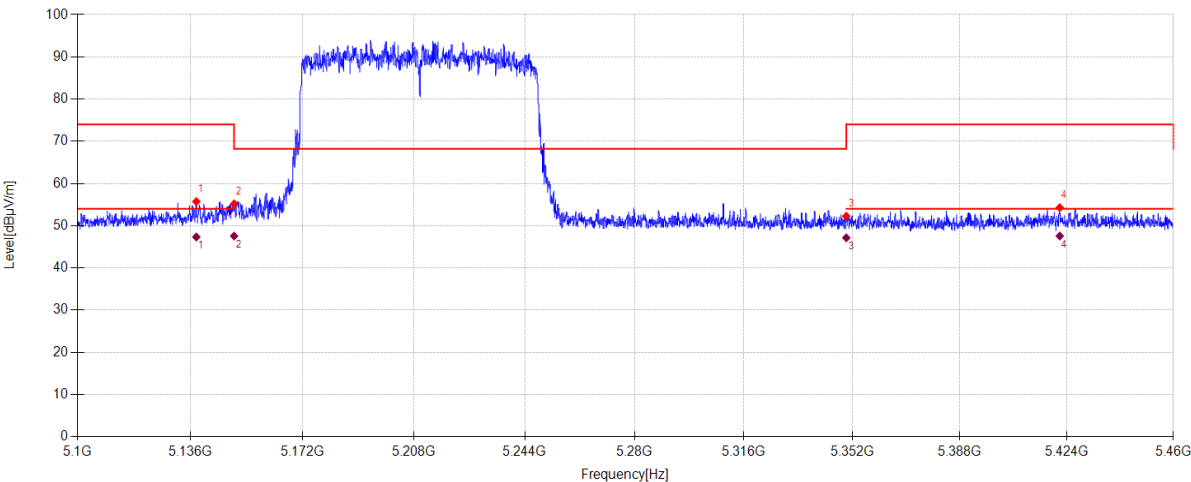
Condition:Temp:23°C;Humi:59.5%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\103

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	5137.908	46.65	33.40	5.27	-29.60	55.72	74.00	18.28	PK	Horizontal
2	5150.000	46.11	33.40	5.28	-29.60	55.19	68.20	13.01	PK	Horizontal
3	5350.000	43.34	33.10	5.41	-29.60	52.25	68.20	15.95	PK	Horizontal
4	5421.552	45.37	33.06	5.46	-29.60	54.29	74.00	19.71	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	5137.908	38.26	33.40	5.27	47.33	54.0	6.67	AV	Horizontal
2	5150.000	38.47	33.40	5.28	47.55	54.0	6.45	AV	Horizontal
3	5350.000	38.23	33.10	5.41	47.14	54.0	6.86	AV	Horizontal
4	5421.552	38.64	33.06	5.46	47.56	54.0	6.44	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 AC80 TX 5210MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

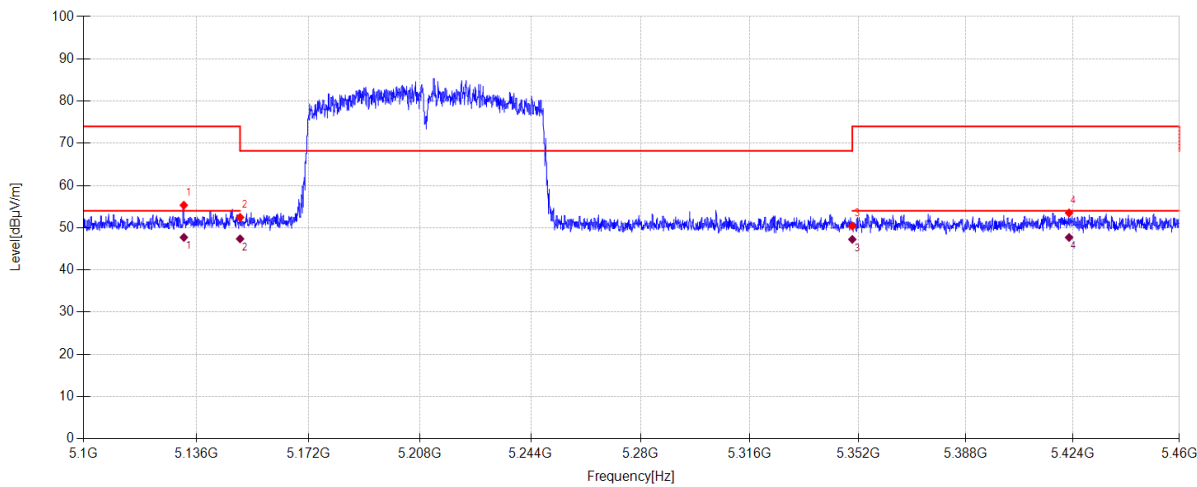
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Memo:

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	5132.004	46.26	33.40	5.27	-29.60	55.33	74.00	18.67	PK	Vertical
2	5150.000	43.39	33.40	5.28	-29.60	52.47	68.20	15.73	PK	Vertical
3	5350.000	41.49	33.10	5.41	-29.60	50.40	68.20	17.80	PK	Vertical
4	5422.668	44.60	33.05	5.46	-29.60	53.51	74.00	20.49	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	5132.004	38.64	33.40	5.27	47.71	54.0	6.29	AV	Vertical
2	5150.000	38.28	33.40	5.28	47.36	54.0	6.64	AV	Vertical
3	5350.000	38.33	33.10	5.41	47.24	54.0	6.76	AV	Vertical
4	5422.668	38.78	33.05	5.46	47.69	54.0	6.31	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 AC80 TX 5290MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

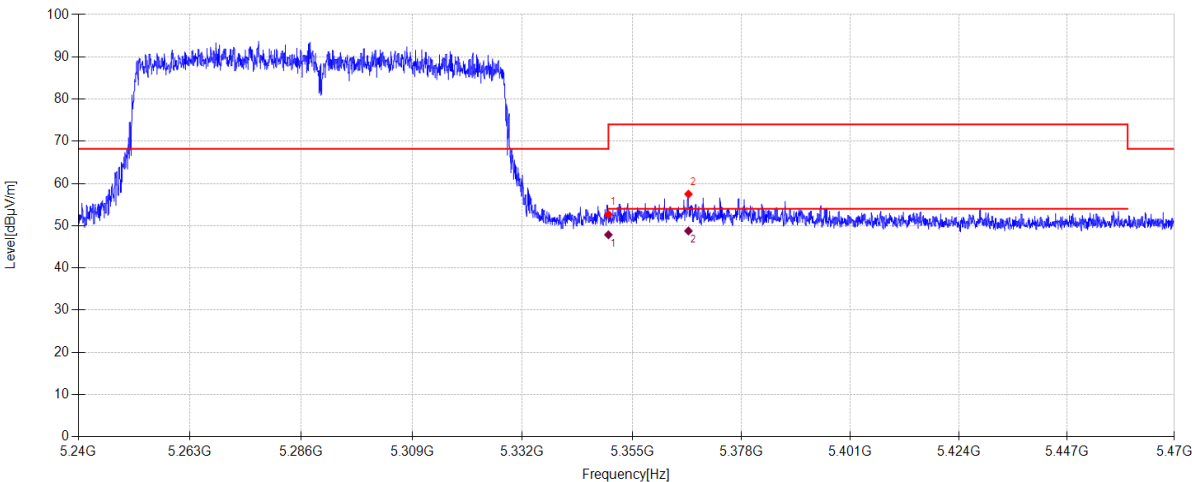
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\105

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	5350.000	43.75	33.10	5.41	-29.60	52.66	68.20	15.54	PK	Horizontal
2	5366.822	48.57	33.10	5.42	-29.60	57.49	74.00	16.51	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	5350.000	38.94	33.10	5.41	47.85	54.0	6.15	AV	Horizontal	
2	5366.822	39.84	33.10	5.42	48.76	54.0	5.24	AV	Horizontal	

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

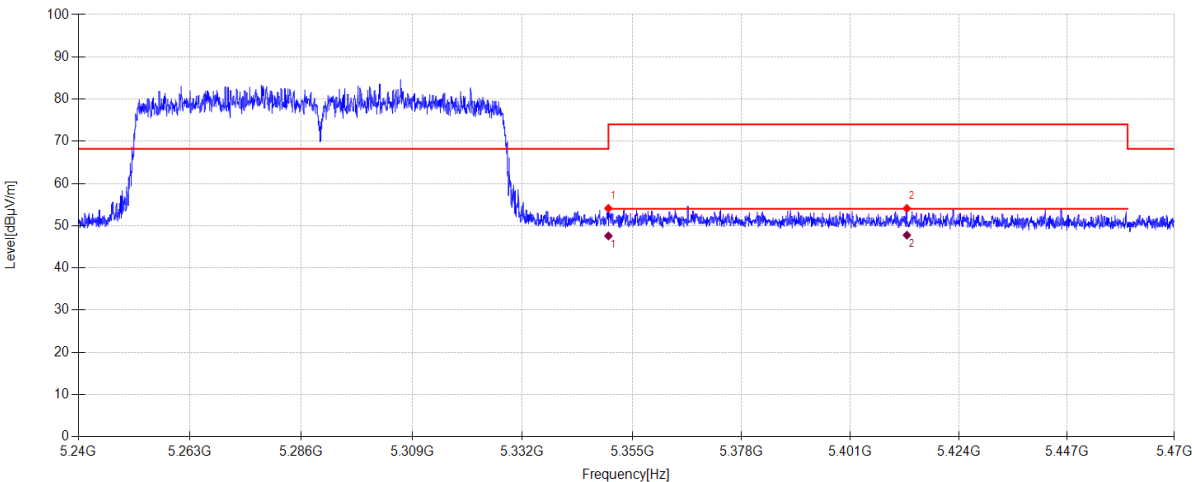
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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 AC80 TX 5290MHz 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\106
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	5350.000	45.21	33.10	5.41	-29.60	54.12	68.20	14.08	PK	Vertical
2	5412.960	45.18	33.07	5.45	-29.60	54.10	74.00	19.90	PK	Vertical

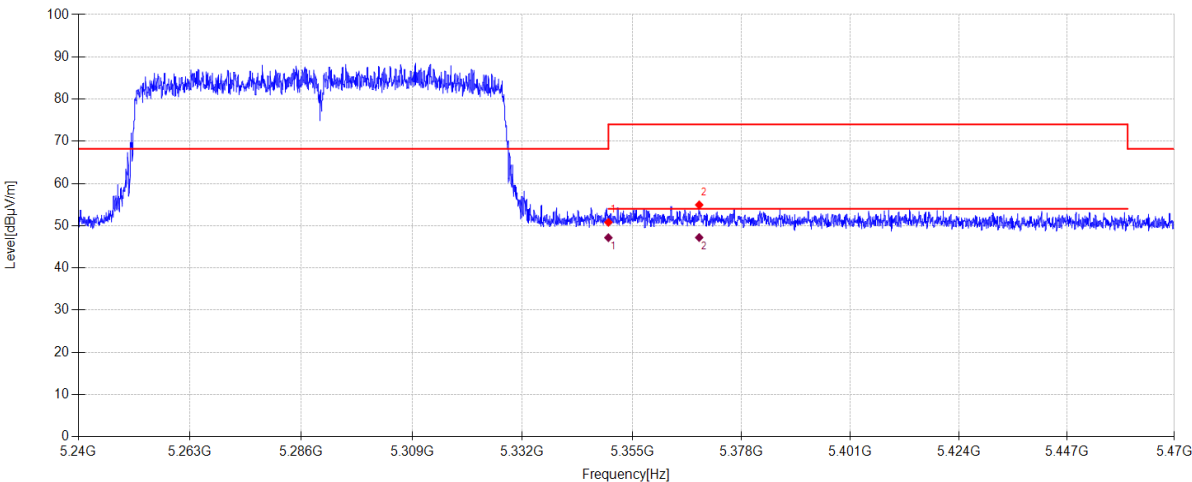
Data List									
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	38.67	33.10	5.41	47.58	54.0	6.42	AV	Vertical
2	5412.960	38.84	33.07	5.45	47.76	54.0	6.24	AV	Vertical

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 AC80 TX 5290MHz 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\107
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	5350.000	41.90	33.10	5.41	-29.60	50.81	68.20	17.39	PK	Horizontal
2	5369.076	46.02	33.10	5.42	-29.60	54.94	74.00	19.06	PK	Horizontal

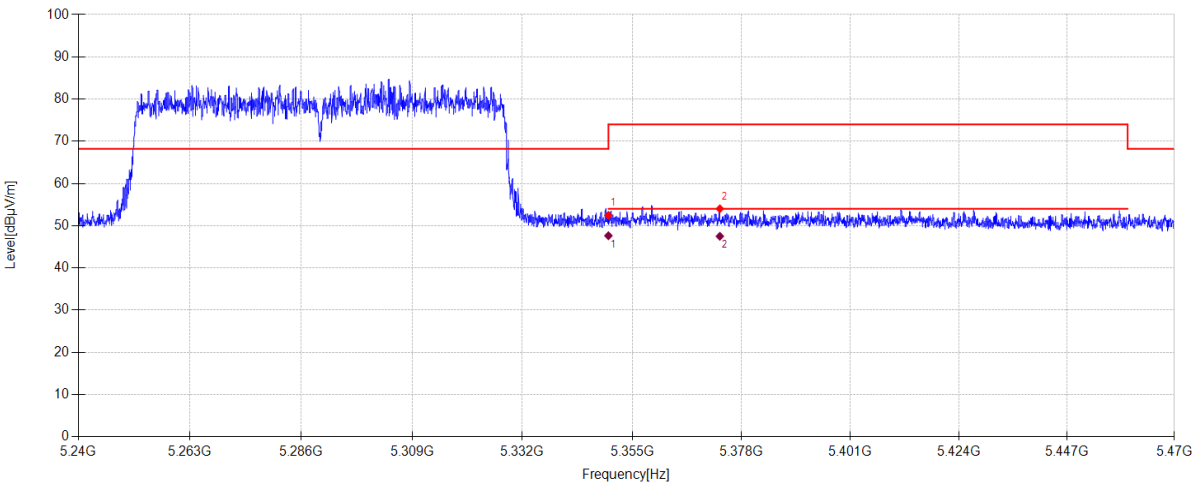
Data List									
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	38.26	33.10	5.41	47.17	54.0	6.83	AV	Horizontal
2	5369.076	38.29	33.10	5.42	47.21	54.0	6.79	AV	Horizontal

- 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 AC80 TX 5290MHz 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\108
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	5350.000	43.55	33.10	5.41	-29.60	52.46	68.20	15.74	PK	Vertical
2	5373.423	45.09	33.10	5.43	-29.60	54.02	74.00	19.98	PK	Vertical

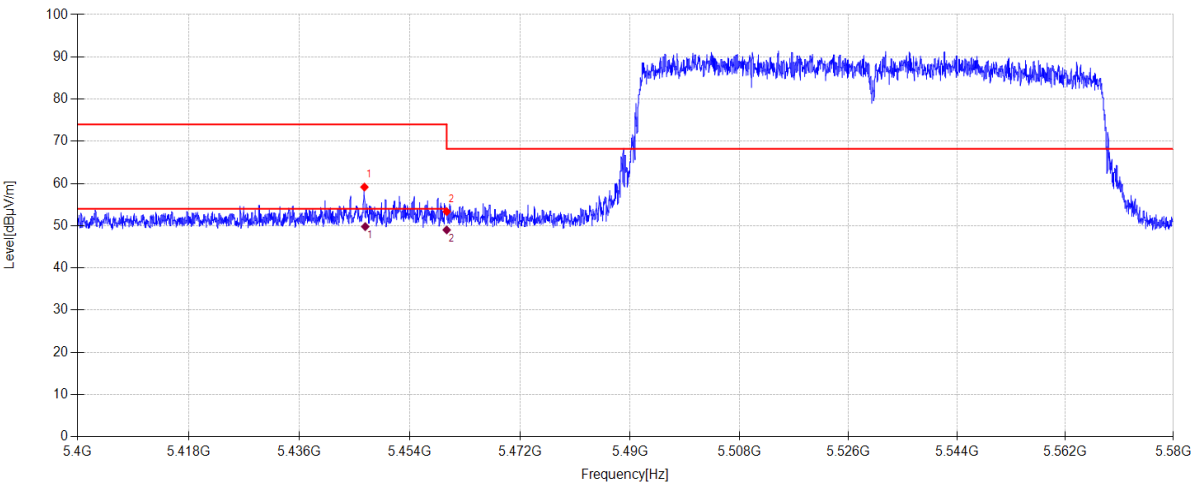
Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	38.72	33.10	5.41	47.63	54.0	6.37	AV	Vertical
2	5373.423	38.57	33.10	5.43	47.50	54.0	6.50	AV	Vertical

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 AC80 TX 5530MHz 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\113
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	5446.584	50.27	33.01	5.47	-29.60	59.15	74.00	14.85	PK	Horizontal
2	5460.000	44.47	33.00	5.48	-29.60	53.35	68.20	14.85	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	5446.713	40.91	33.01	5.47	49.79	54.0	4.21	AV	Horizontal
2	5460.000	40.13	33.00	5.48	49.01	54.0	4.99	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 AC80 TX 5530MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

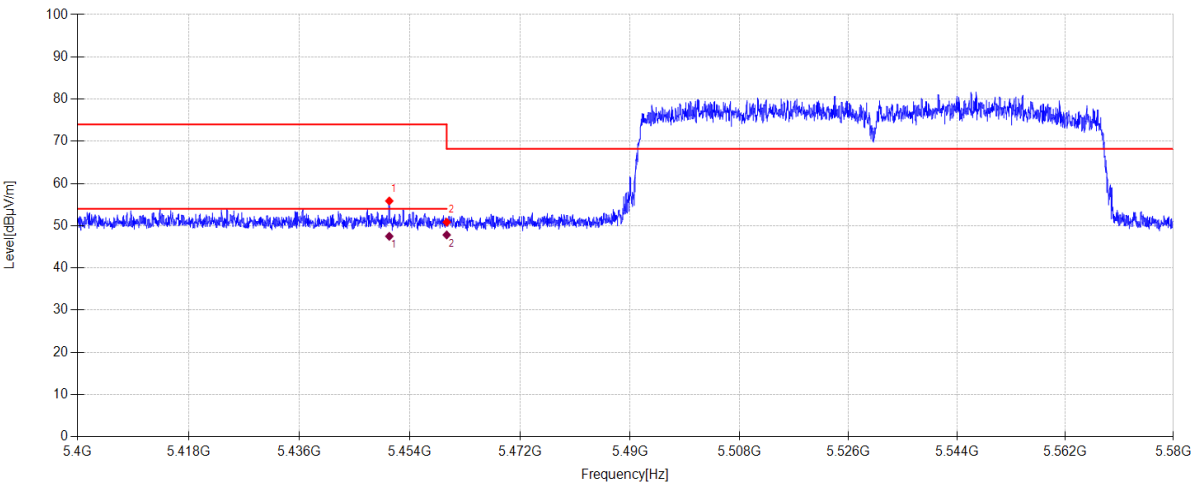
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\114

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	5450.634	46.98	33.00	5.48	-29.60	55.86	74.00	18.14	PK	Vertical
2	5460.000	41.96	33.00	5.48	-29.60	50.84	68.20	17.36	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	5450.634	38.61	33.00	5.48	47.49	54.0	6.51	AV	Vertical	
2	5460.000	38.94	33.00	5.48	47.82	54.0	6.18	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 AC80 TX 5530MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

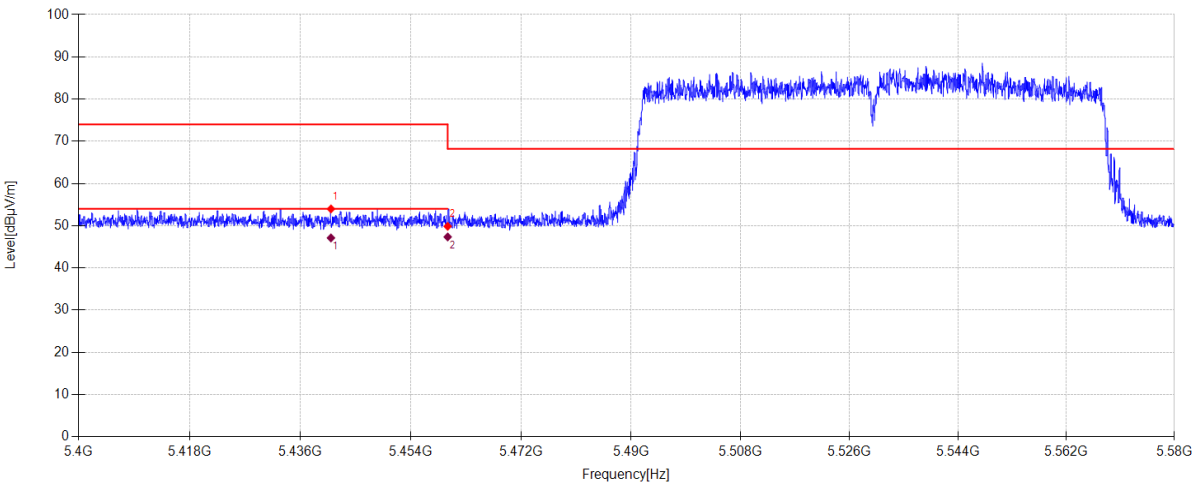
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\115

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	5440.968	45.09	33.02	5.47	-29.60	53.98	74.00	20.02	PK	Horizontal
2	5460.000	40.98	33.00	5.48	-29.60	49.86	68.20	18.34	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	5440.968	38.22	33.02	5.47	47.11	54.0	6.89	AV	Horizontal	
2	5460.000	38.47	33.00	5.48	47.35	54.0	6.65	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 AC80 TX 5530MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

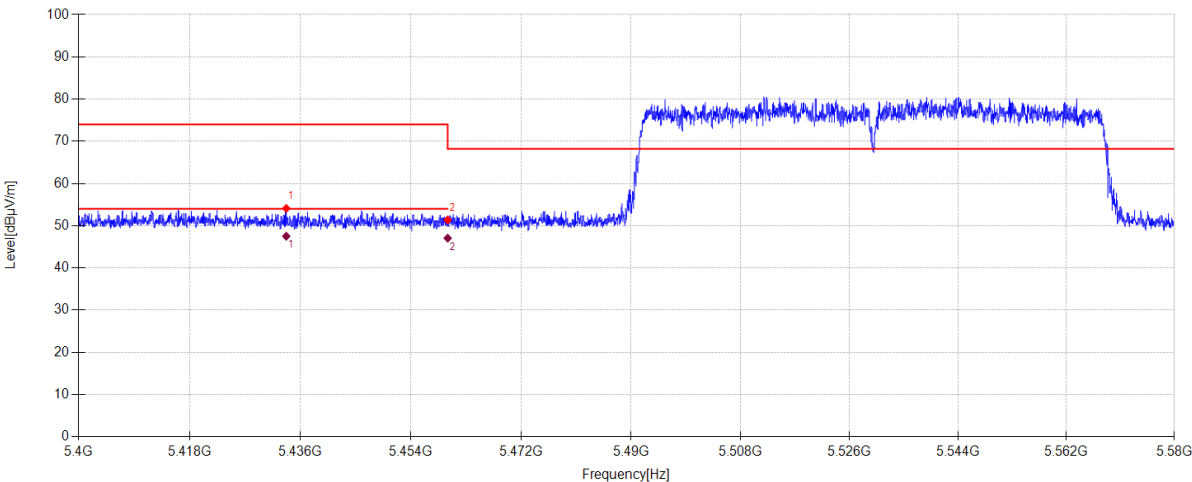
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\116

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	5433.696	45.21	33.03	5.47	-29.60	54.11	74.00	19.89	PK	Vertical
2	5460.000	42.48	33.00	5.48	-29.60	51.36	68.20	16.84	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	5433.696	38.61	33.03	5.47	47.51	54.0	6.49	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:

ANT1 AC80 TX 5610MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

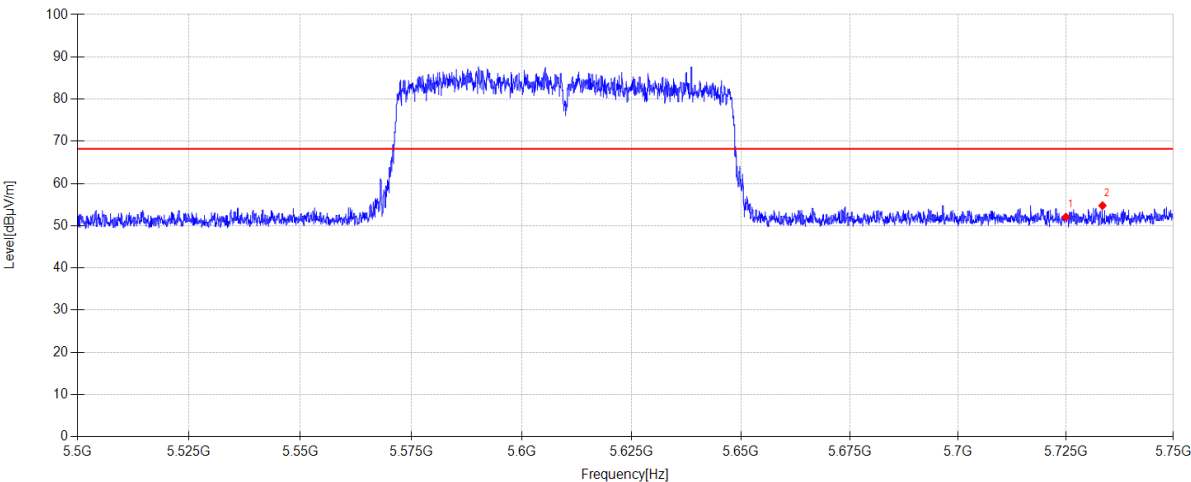
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\117

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	42.25	33.75	5.66	-29.60	52.06	68.20	16.14	PK	Horizontal
2	5733.500	44.91	33.80	5.66	-29.60	54.77	68.20	13.43	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 AC80 TX 5610MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

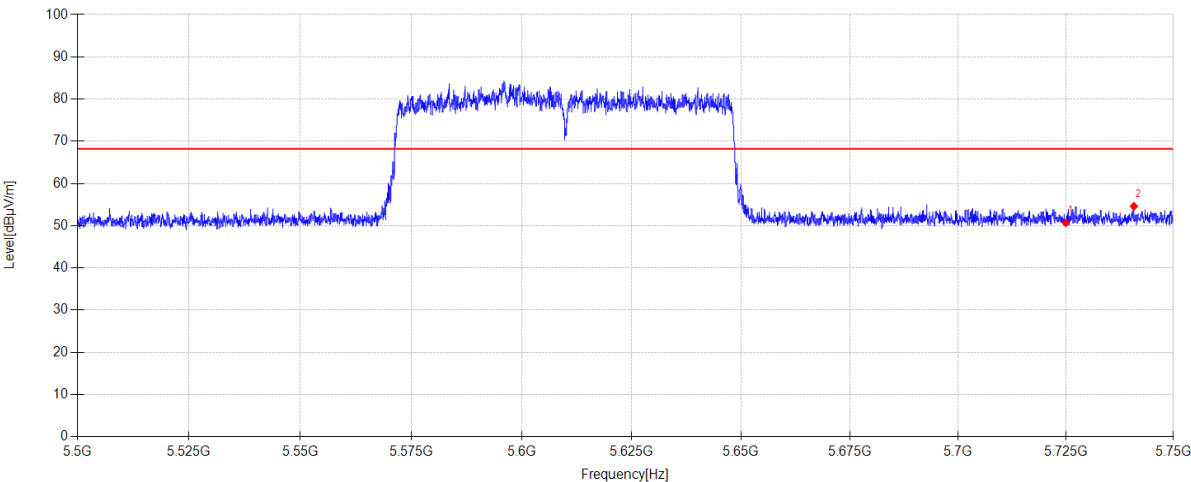
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\118

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	40.88	33.75	5.66	-29.60	50.69	68.20	17.51	PK	Vertical
2	5740.825	44.70	33.84	5.67	-29.60	54.61	68.20	13.59	PK	Vertical

Note:

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

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

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

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 AC80 TX 5610MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

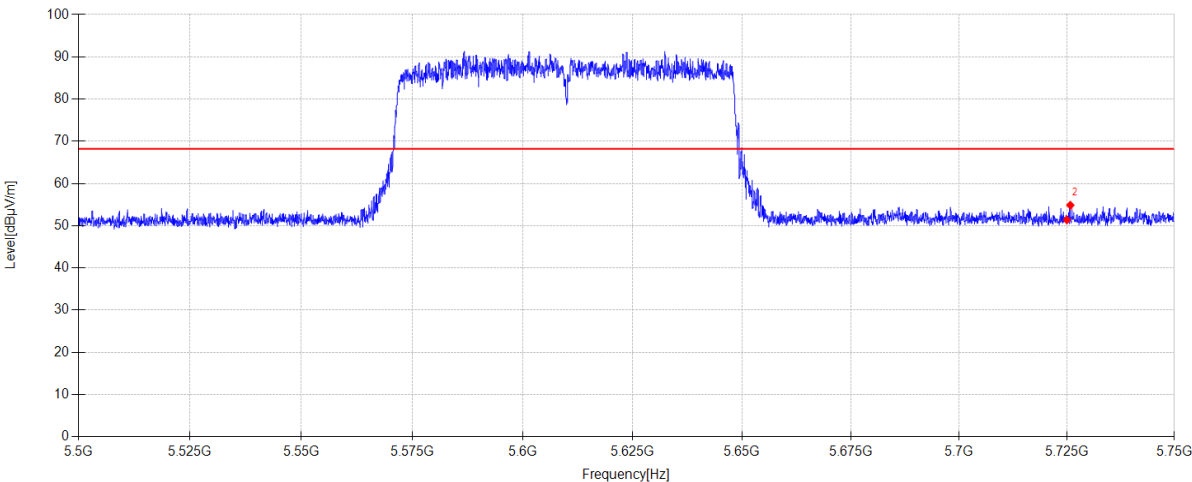
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G 5G\119

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	41.57	33.75	5.66	-29.60	51.38	68.20	16.82	PK	Horizontal
2	5725.800	45.06	33.75	5.66	-29.60	54.87	68.20	13.33	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.