

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-24

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 AX20 TX 5720MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

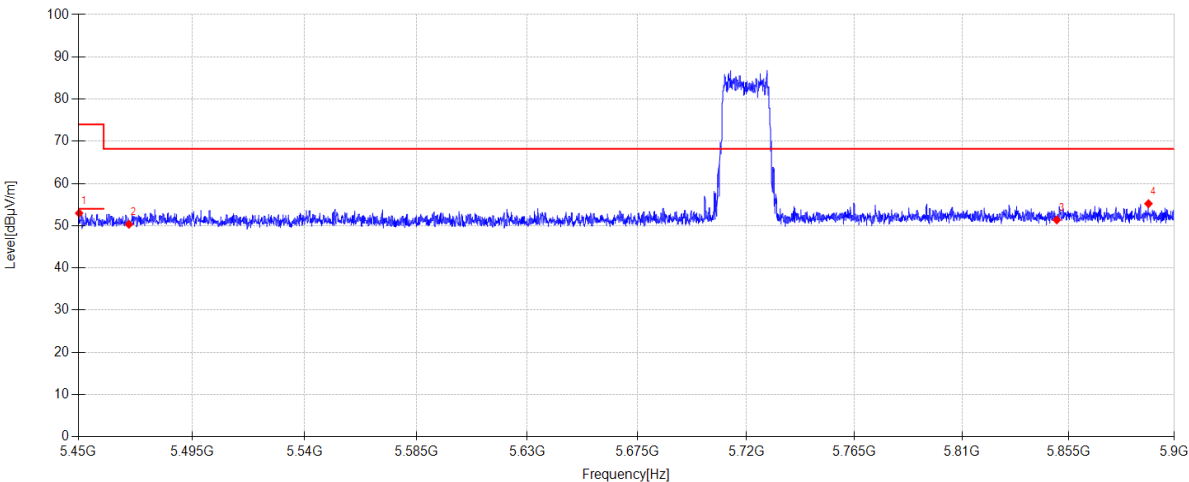
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G KUAYUE\28

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	5450.315	44.10	33.00	5.48	-29.60	52.98	74.00	21.02	PK	Vertical
2	5470.000	41.44	33.00	5.49	-29.60	50.33	68.20	17.87	PK	Vertical
3	5850.000	41.23	34.00	5.74	-29.60	51.37	68.20	16.83	PK	Vertical
4	5888.975	44.98	34.08	5.77	-29.60	55.23	68.20	12.97	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:

2025-01-24

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 AX40 TX 5710MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

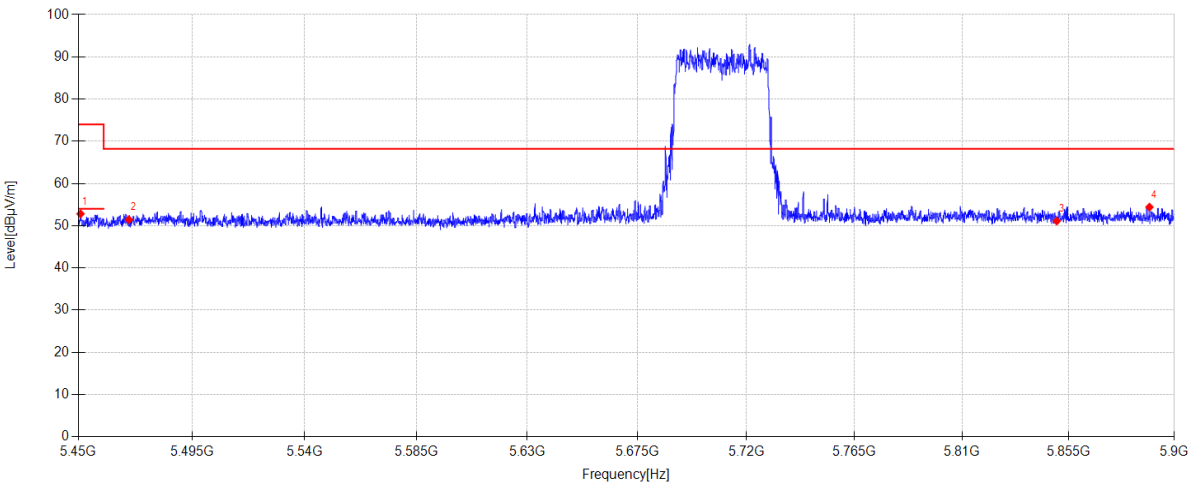
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G KUAYUE\29

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	5450.855	43.94	33.00	5.48	-29.60	52.82	74.00	21.18	PK	Horizontal
2	5470.000	42.55	33.00	5.49	-29.60	51.44	68.20	16.76	PK	Horizontal
3	5850.000	40.97	34.00	5.74	-29.60	51.11	68.20	17.09	PK	Horizontal
4	5889.380	44.16	34.08	5.77	-29.60	54.41	68.20	13.79	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-24

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 AX40 TX 5710MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

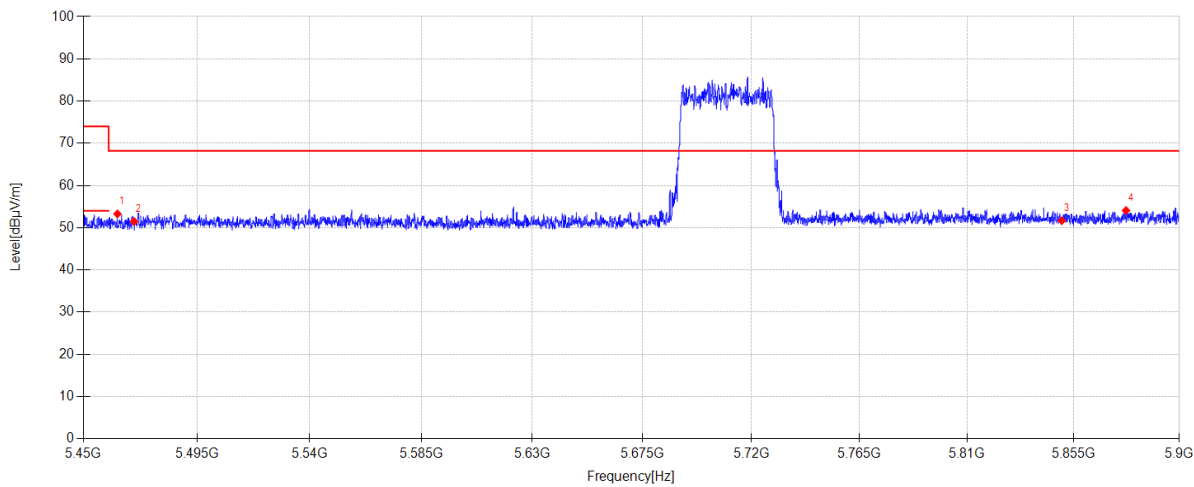
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Memo:

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	5463.455	44.38	33.00	5.49	-29.60	53.27	68.20	14.93	PK	Vertical
2	5470.000	42.59	33.00	5.49	-29.60	51.48	68.20	16.72	PK	Vertical
3	5850.000	41.53	34.00	5.74	-29.60	51.67	68.20	16.53	PK	Vertical
4	5877.275	43.86	34.05	5.76	-29.60	54.07	68.20	14.13	PK	Vertical

Note:

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

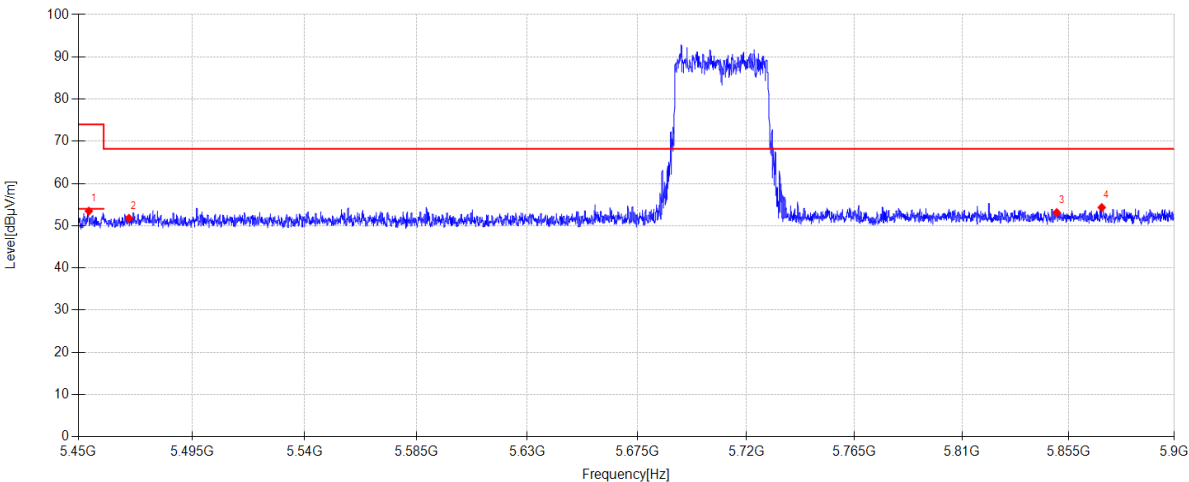
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-24 Tested By: Zhong Nan
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03
Test Mode: ANT2 AX40 TX 5710MHz 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 KUAYUE\31
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	5454.140	44.59	33.00	5.48	-29.60	53.47	74.00	20.53	PK	Horizontal
2	5470.000	42.90	33.00	5.49	-29.60	51.79	68.20	16.41	PK	Horizontal
3	5850.000	42.99	34.00	5.74	-29.60	53.13	68.20	15.07	PK	Horizontal
4	5869.085	44.14	34.04	5.75	-29.60	54.33	68.20	13.87	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:

2025-01-24

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 AX40 TX 5710MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

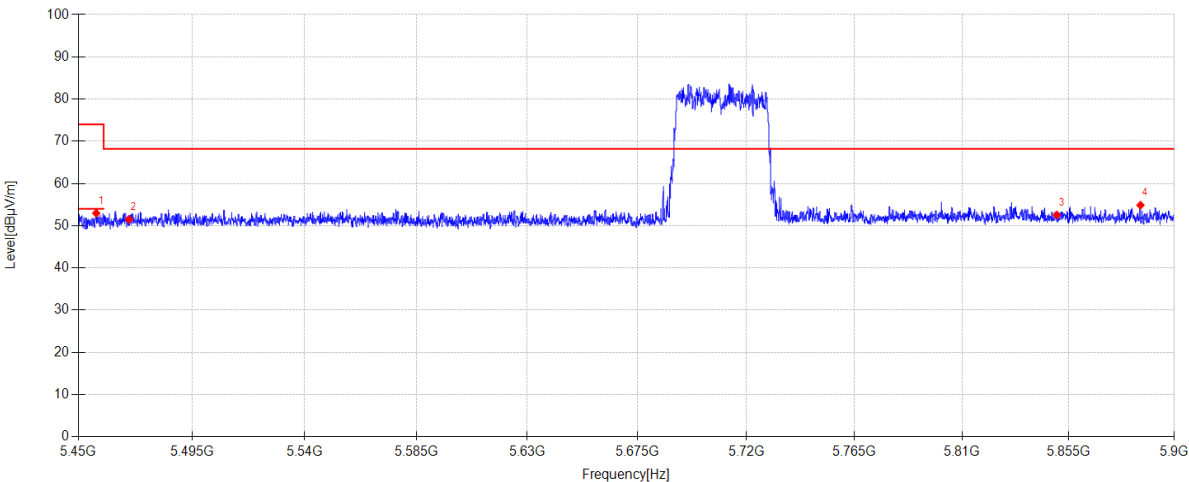
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Memo:

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	5457.065	44.08	33.00	5.48	-29.60	52.96	74.00	21.04	PK	Vertical
2	5470.000	42.64	33.00	5.49	-29.60	51.53	68.20	16.67	PK	Vertical
3	5850.000	42.41	34.00	5.74	-29.60	52.55	68.20	15.65	PK	Vertical
4	5885.555	44.64	34.07	5.76	-29.60	54.87	68.20	13.33	PK	Vertical

Note:

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

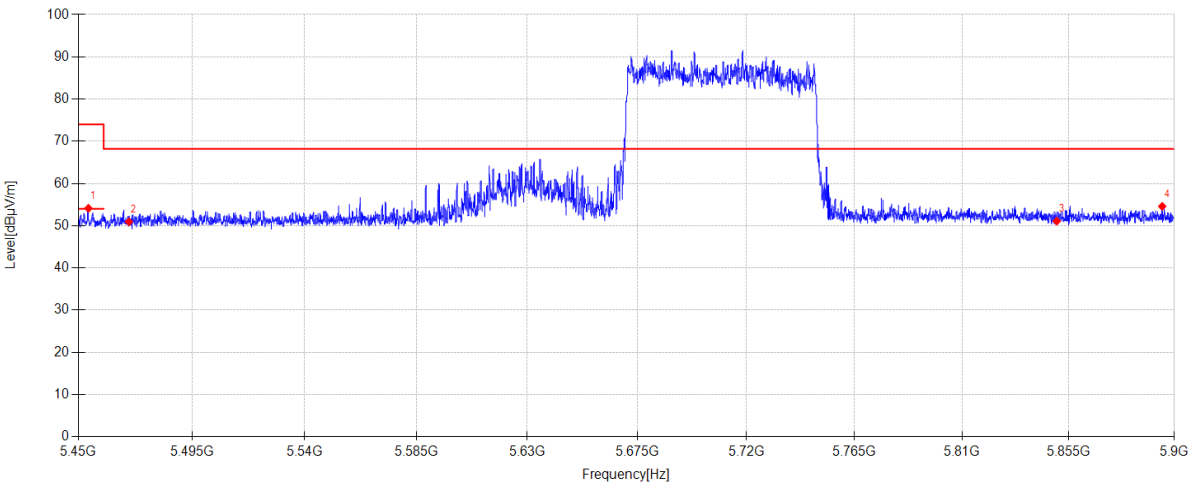
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-24 Tested By: Zhong Nan
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03
Test Mode: ANT1 AX80 TX 5690MHz 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 KUAYUE\33
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	5453.960	45.25	33.00	5.48	-29.60	54.13	74.00	19.87	PK	Horizontal
2	5470.000	42.04	33.00	5.49	-29.60	50.93	68.20	17.27	PK	Horizontal
3	5850.000	40.96	34.00	5.74	-29.60	51.10	68.20	17.10	PK	Horizontal
4	5894.825	44.33	34.09	5.77	-29.60	54.59	68.20	13.61	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:

2025-01-24

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 AX80 TX 5690MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

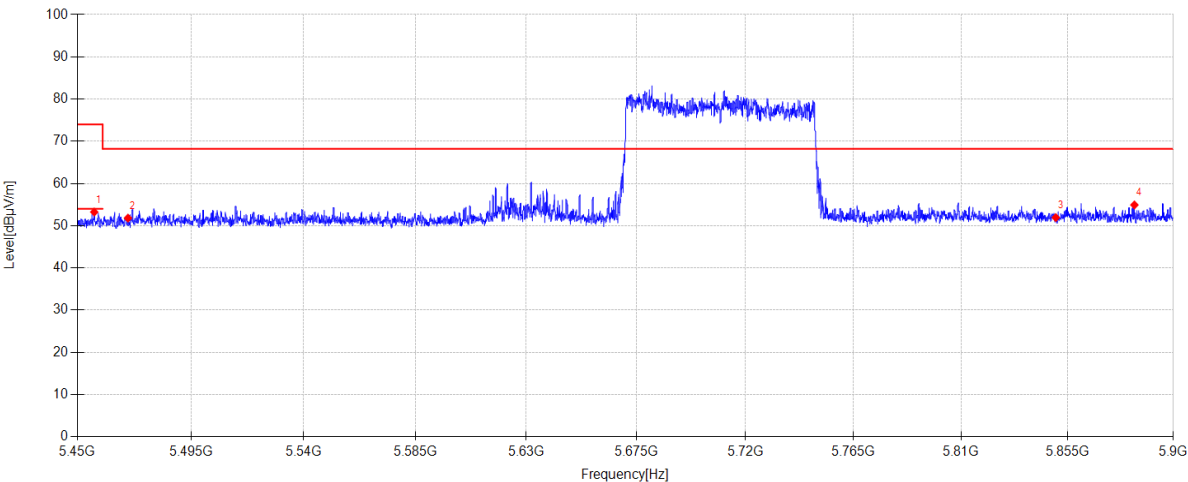
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Memo:

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	5456.660	44.36	33.00	5.48	-29.60	53.24	74.00	20.76	PK	Vertical
2	5470.000	42.91	33.00	5.49	-29.60	51.80	68.20	16.40	PK	Vertical
3	5850.000	41.79	34.00	5.74	-29.60	51.93	68.20	16.27	PK	Vertical
4	5883.395	44.69	34.07	5.76	-29.60	54.92	68.20	13.28	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:

2025-01-24

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 AX80 TX 5690MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

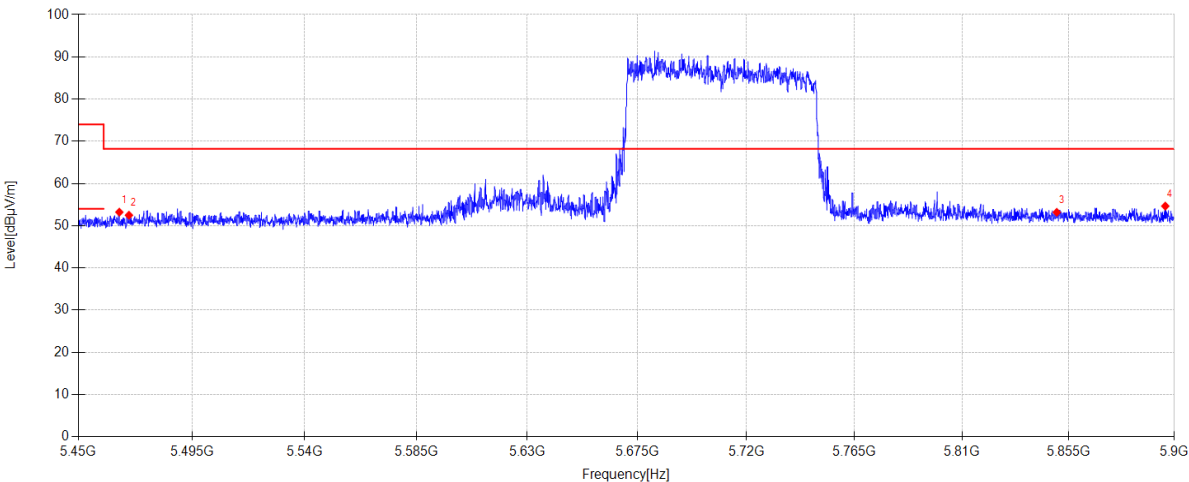
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Memo:

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	5466.200	44.33	33.00	5.49	-29.60	53.22	68.20	14.98	PK	Horizontal
2	5470.000	43.60	33.00	5.49	-29.60	52.49	68.20	15.71	PK	Horizontal
3	5850.000	43.05	34.00	5.74	-29.60	53.19	68.20	15.01	PK	Horizontal
4	5896.130	44.39	34.09	5.77	-29.60	54.65	68.20	13.55	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:

2025-01-24

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 AX80 TX 5690MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

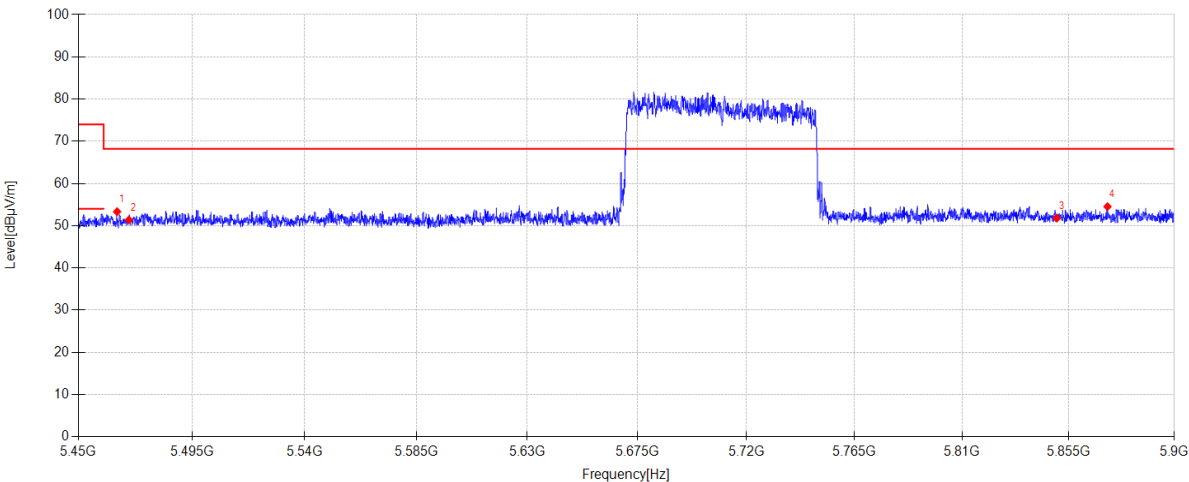
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Memo:

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	5465.300	44.44	33.00	5.49	-29.60	53.33	68.20	14.87	PK	Vertical
2	5470.000	42.49	33.00	5.49	-29.60	51.38	68.20	16.82	PK	Vertical
3	5850.000	41.66	34.00	5.74	-29.60	51.80	68.20	16.40	PK	Vertical
4	5871.515	44.33	34.04	5.76	-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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 11A TX 5825MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

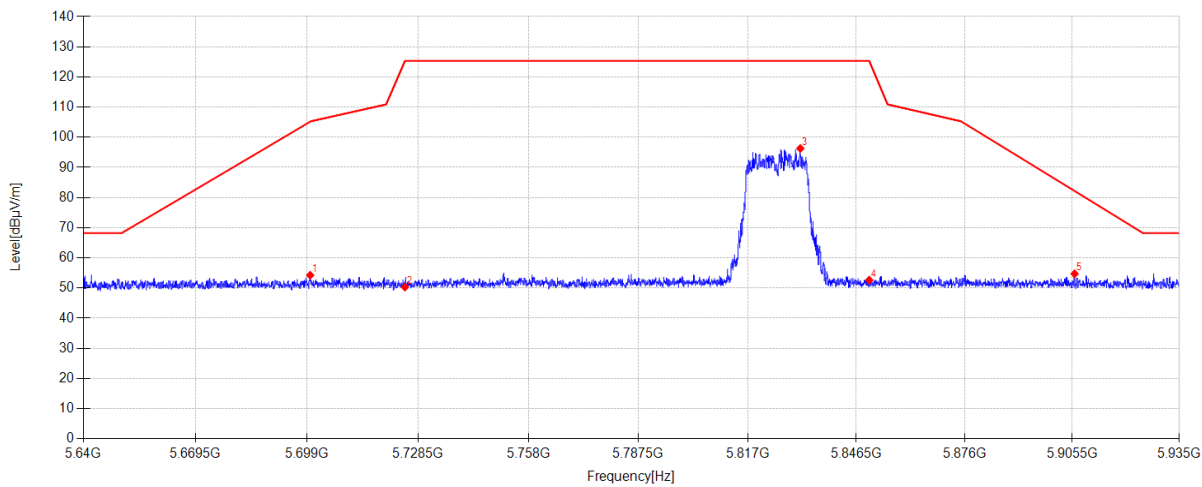
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Memo:

Sample Number:S24122405-001 Power Setting:13

Test Graph



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	5699.826	44.62	33.60	5.64	-29.60	54.26	105.17	50.91	PK	Horizontal
2	5725.000	40.51	33.75	5.66	-29.60	50.32	125.30	74.98	PK	Horizontal
3	5831.278	86.09	34.07	5.73	-29.60	96.29	125.30	29.01	PK	Horizontal
4	5850.000	42.49	34.00	5.74	-29.60	52.63	125.30	72.67	PK	Horizontal
5	5906.149	44.44	34.11	5.78	-29.60	54.73	82.19	27.46	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 11A TX 5825MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

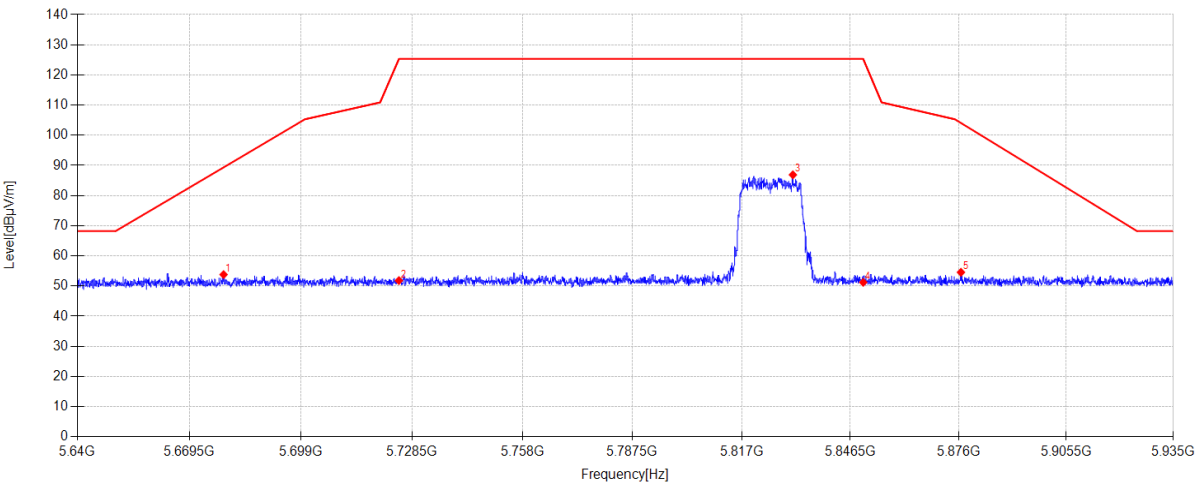
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Memo:

Sample Number:S24122405-001 Power Setting:13

Test Graph



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	5678.498	44.26	33.51	5.63	-29.60	53.80	89.35	35.55	PK	Vertical
2	5725.000	42.00	33.75	5.66	-29.60	51.81	125.30	73.49	PK	Vertical
3	5830.895	76.67	34.08	5.73	-29.60	86.88	125.30	38.42	PK	Vertical
4	5850.000	41.08	34.00	5.74	-29.60	51.22	125.30	74.08	PK	Vertical
5	5876.649	44.35	34.05	5.76	-29.60	54.56	104.08	49.52	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 11A TX 5785MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

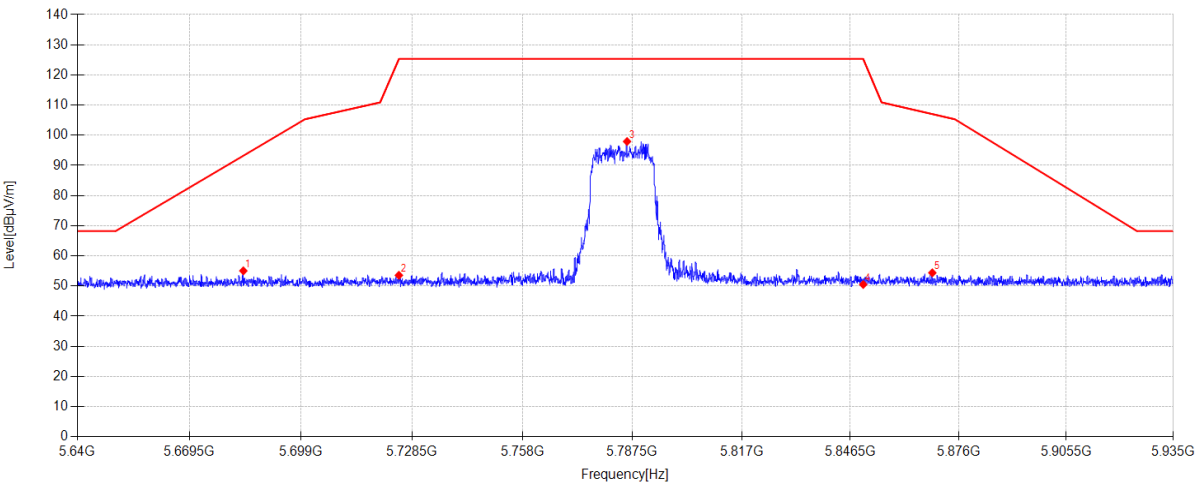
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Memo:

Sample Number:S24122405-001 Power Setting:13

Test Graph



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	5683.719	45.49	33.53	5.63	-29.60	55.05	93.22	38.17	PK	Horizontal
2	5725.000	43.75	33.75	5.66	-29.60	53.56	125.30	71.74	PK	Horizontal
3	5786.084	87.72	34.12	5.70	-29.60	97.94	125.30	27.36	PK	Horizontal
4	5850.000	40.38	34.00	5.74	-29.60	50.52	125.30	74.78	PK	Horizontal
5	5868.832	44.20	34.04	5.75	-29.60	54.39	107.03	52.64	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 11A TX 5785MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

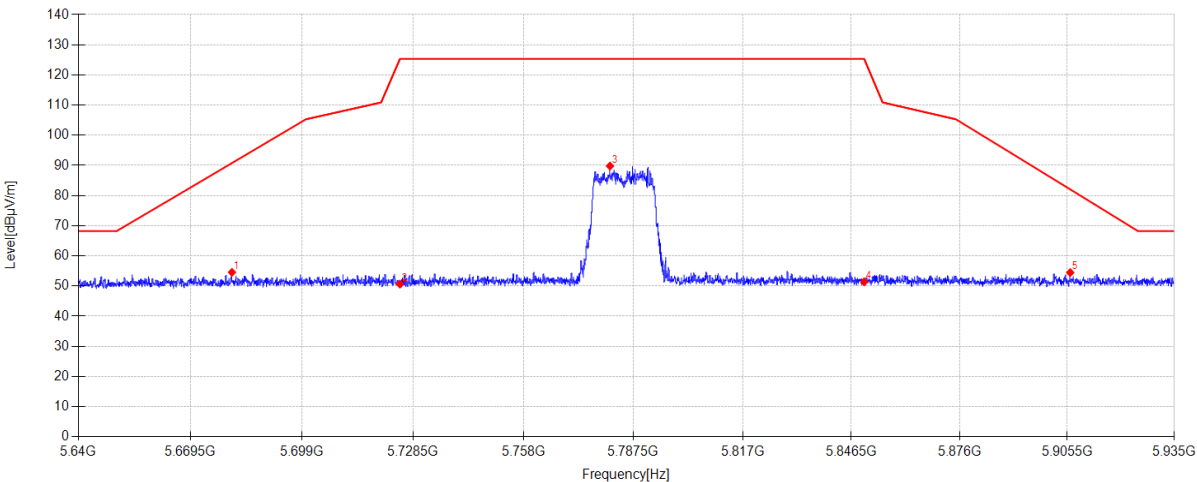
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\10

Memo:

Sample Number:S24122405-001 Power Setting:13

Test Graph



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	5680.445	45.01	33.52	5.63	-29.60	54.56	90.79	36.23	PK	Vertical
2	5725.000	40.84	33.75	5.66	-29.60	50.65	125.30	74.65	PK	Vertical
3	5781.217	79.61	34.09	5.70	-29.60	89.80	125.30	35.50	PK	Vertical
4	5850.000	41.27	34.00	5.74	-29.60	51.41	125.30	73.89	PK	Vertical
5	5906.326	44.17	34.11	5.78	-29.60	54.46	82.06	27.60	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 11A TX 5745MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

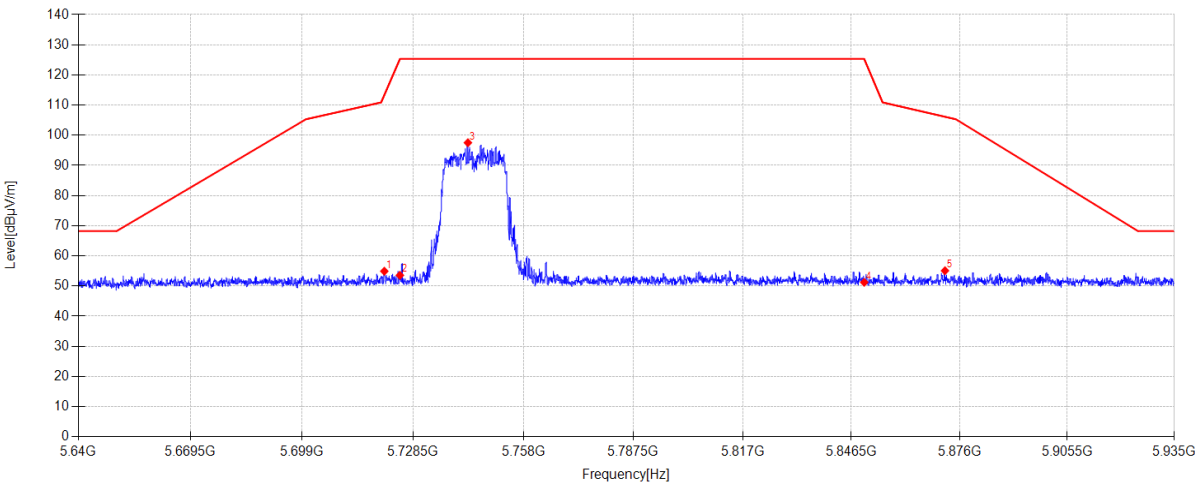
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\11

Memo:

Sample Number:S24122405-001 Power Setting:13

Test Graph



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	5720.860	45.12	33.73	5.66	-29.60	54.91	113.38	58.47	PK	Horizontal
2	5725.000	43.75	33.75	5.66	-29.60	53.56	125.30	71.74	PK	Horizontal
3	5743.132	87.60	33.86	5.67	-29.60	97.53	125.30	27.77	PK	Horizontal
4	5850.000	41.08	34.00	5.74	-29.60	51.22	125.30	74.08	PK	Horizontal
5	5872.018	44.88	34.04	5.76	-29.60	55.08	106.14	51.06	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 11A TX 5745MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

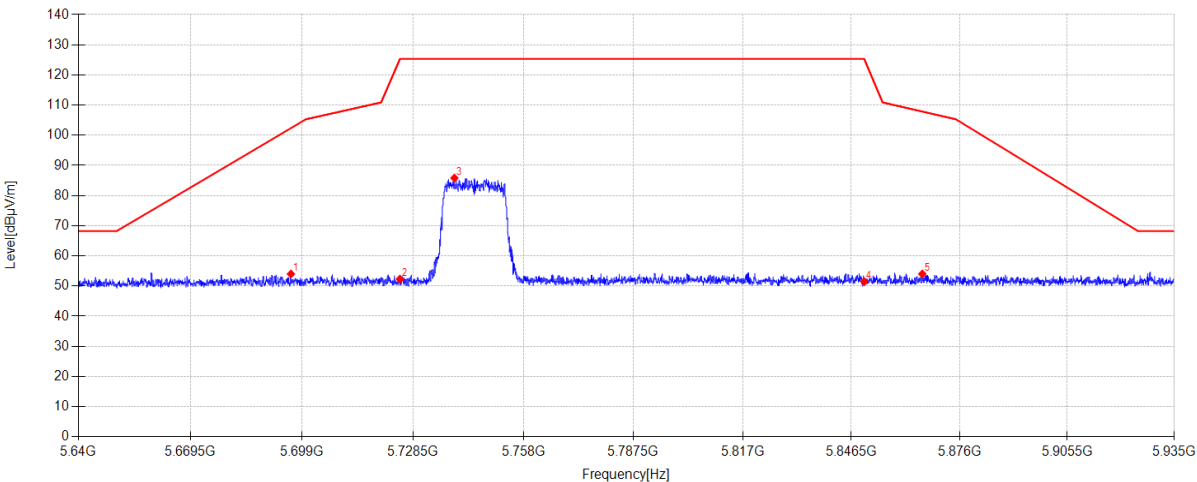
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\12

Memo:

Sample Number:S24122405-001 Power Setting:13

Test Graph



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	5696.050	44.38	33.58	5.64	-29.60	54.00	102.37	48.37	PK	Vertical
2	5725.000	42.49	33.75	5.66	-29.60	52.30	125.30	73.00	PK	Vertical
3	5739.533	75.92	33.84	5.67	-29.60	85.83	125.30	39.47	PK	Vertical
4	5850.000	41.31	34.00	5.74	-29.60	51.45	125.30	73.85	PK	Vertical
5	5865.823	43.84	34.03	5.75	-29.60	54.02	107.87	53.85	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 11A TX 5745MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

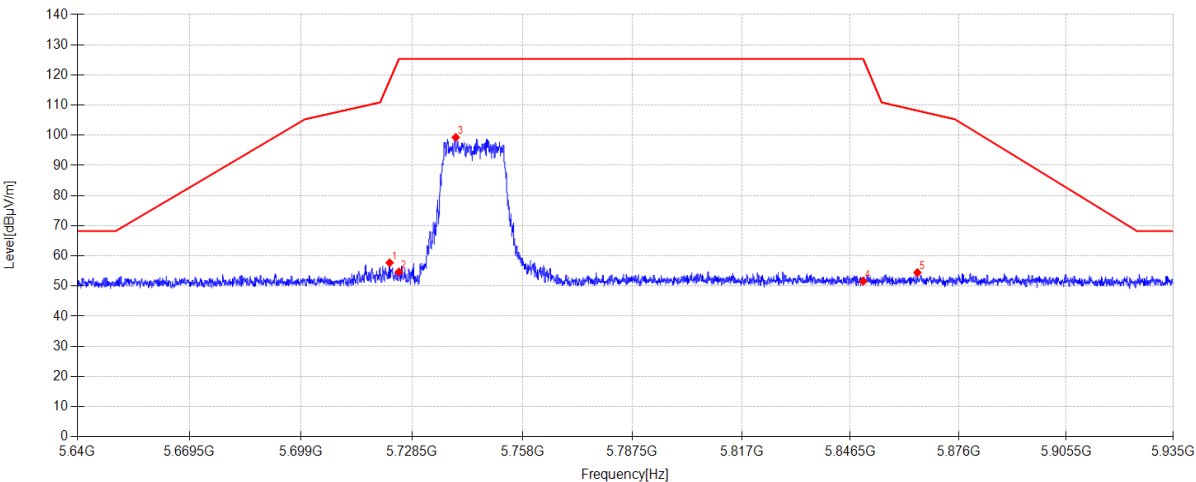
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\13

Memo:

Sample Number:S24122405-001 Power Setting:13

Test Graph



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	5722.541	47.92	33.74	5.66	-29.60	57.72	118.22	60.50	PK	Horizontal
2	5725.000	44.88	33.75	5.66	-29.60	54.69	125.30	70.61	PK	Horizontal
3	5740.153	89.39	33.84	5.67	-29.60	99.30	125.30	26.00	PK	Horizontal
4	5850.000	41.45	34.00	5.74	-29.60	51.59	125.30	73.71	PK	Horizontal
5	5864.761	44.29	34.03	5.75	-29.60	54.47	108.17	53.70	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:2025-01-20

Tested By:Zhong Nan

EUT:In-vehicle Multimedia Host

Model Number:MTCJ06-A03

Test Mode:ANT2 11A TX 5745MHz Mode

Power Supply:DC 12V

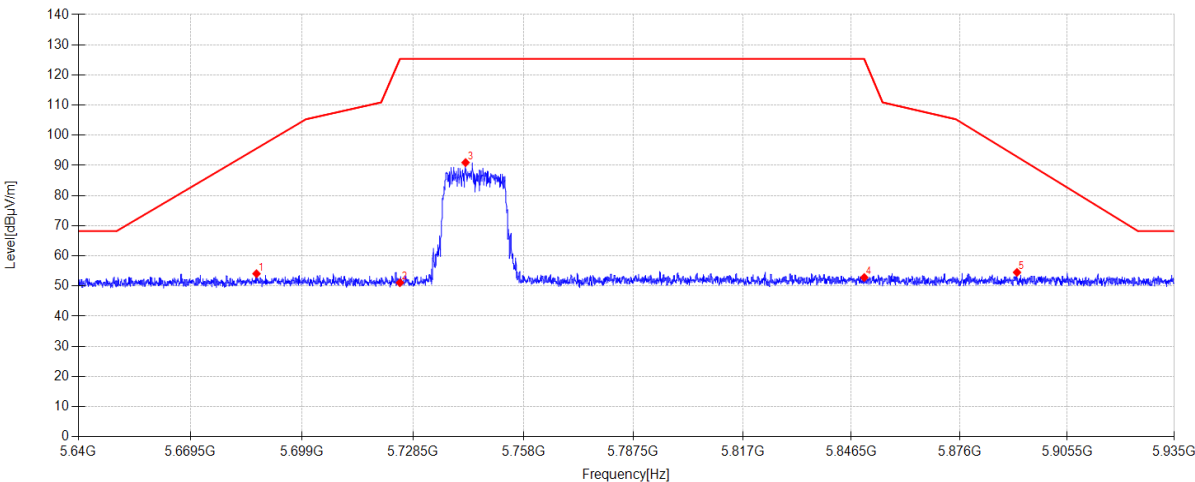
Condition:Temp:23°C;Humi:59.5%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\14

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

Test Graph



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	5686.935	44.51	33.55	5.63	-29.60	54.09	95.61	41.52	PK	Vertical
2	5725.000	41.29	33.75	5.66	-29.60	51.10	125.30	74.20	PK	Vertical
3	5742.513	81.02	33.86	5.67	-29.60	90.95	125.30	34.35	PK	Vertical
4	5850.000	42.69	34.00	5.74	-29.60	52.83	125.30	72.47	PK	Vertical
5	5891.724	44.28	34.08	5.77	-29.60	54.53	92.89	38.36	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 11A TX 5785MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

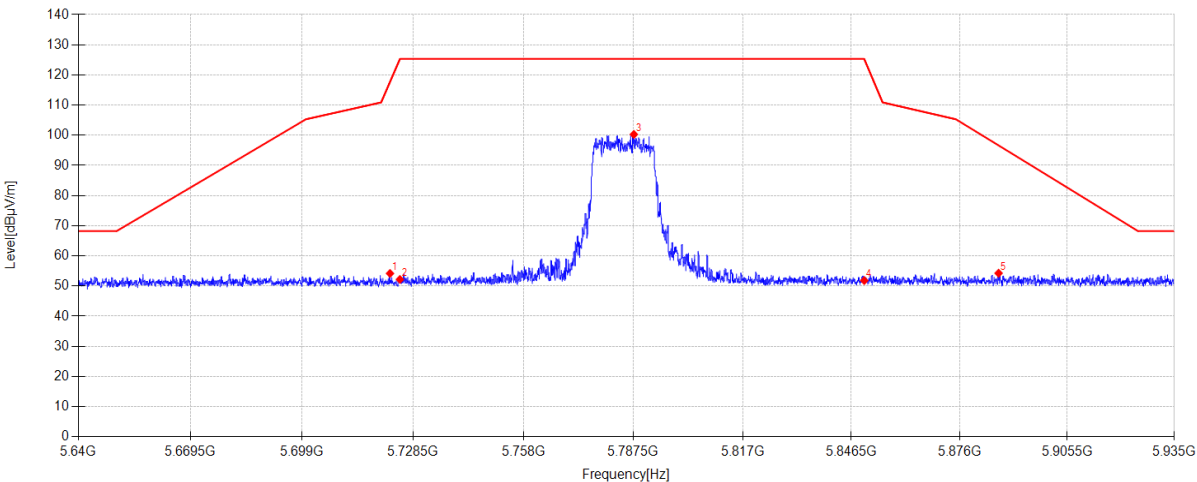
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\15

Memo:

Sample Number:S24122405-001 Power Setting:13

Test Graph



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	5722.364	44.39	33.73	5.66	-29.60	54.18	117.71	63.53	PK	Horizontal
2	5725.000	42.38	33.75	5.66	-29.60	52.19	125.30	73.11	PK	Horizontal
3	5787.648	90.06	34.13	5.70	-29.60	100.29	125.30	25.01	PK	Horizontal
4	5850.000	41.68	34.00	5.74	-29.60	51.82	125.30	73.48	PK	Horizontal
5	5886.679	44.01	34.07	5.77	-29.60	54.25	96.63	42.38	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 11A TX 5785MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

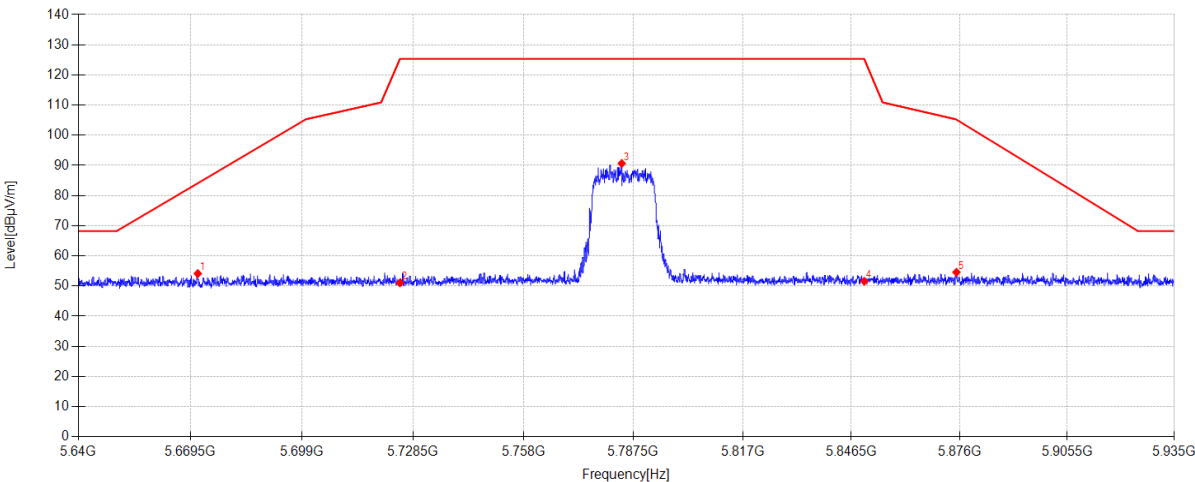
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\16

Memo:

Sample Number:S24122405-001 Power Setting:13

Test Graph



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	5671.418	44.62	33.49	5.62	-29.60	54.13	84.09	29.96	PK	Vertical
2	5725.000	41.23	33.75	5.66	-29.60	51.04	125.30	74.26	PK	Vertical
3	5784.373	80.45	34.11	5.70	-29.60	90.66	125.30	34.64	PK	Vertical
4	5850.000	41.44	34.00	5.74	-29.60	51.58	125.30	73.72	PK	Vertical
5	5875.145	44.37	34.05	5.76	-29.60	54.58	105.19	50.61	PK	Vertical

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

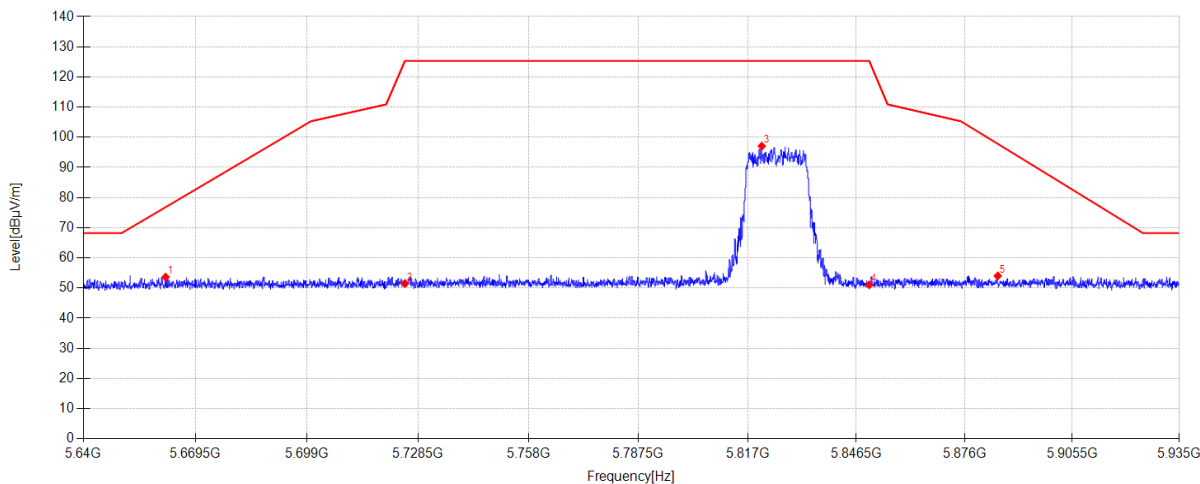
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-20 Tested By: Zhong Nan
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03
Test Mode: ANT2 11A TX 5825MHz 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 MASK\17
Memo: Sample Number:S24122405-001 Power Setting:13

Test Graph



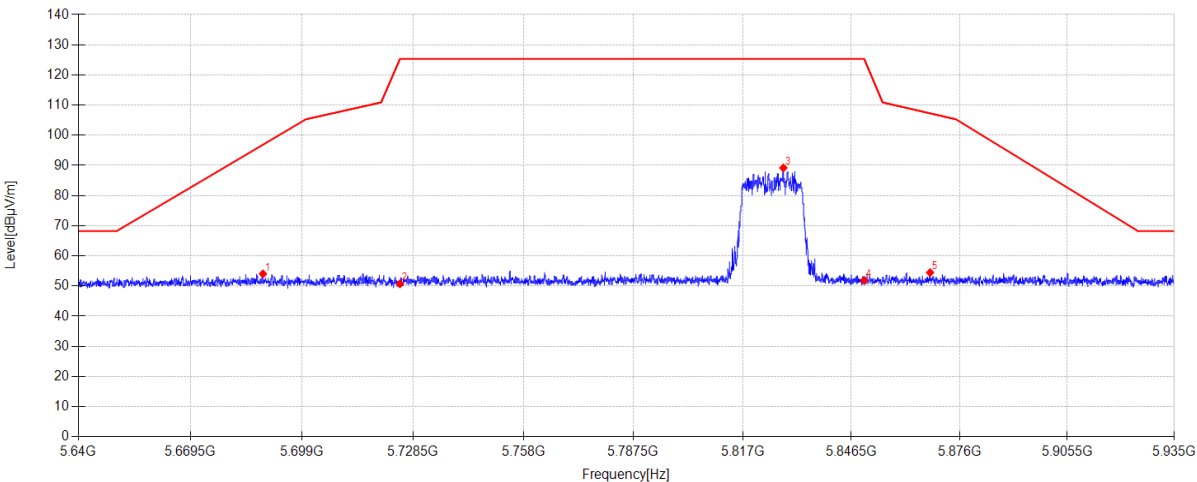
Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5661.624	44.16	33.45	5.62	-29.60	53.63	76.82	23.19	PK	Horizontal
2	5725.000	41.71	33.75	5.66	-29.60	51.52	125.30	73.78	PK	Horizontal
3	5820.835	86.83	34.12	5.72	-29.60	97.07	125.30	28.23	PK	Horizontal
4	5850.000	40.93	34.00	5.74	-29.60	51.07	125.30	74.23	PK	Horizontal
5	5885.086	43.80	34.07	5.76	-29.60	54.03	97.82	43.79	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-20 Tested By: Zhong Nan
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03
Test Mode: ANT2 11A TX 5825MHz 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 MASK\18
Memo: Sample Number:S24122405-001 Power Setting:13

Test Graph



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	5688.646	44.45	33.55	5.63	-29.60	54.03	96.87	42.84	PK	Vertical
2	5725.000	40.90	33.75	5.66	-29.60	50.71	125.30	74.59	PK	Vertical
3	5828.033	78.96	34.09	5.73	-29.60	89.18	125.30	36.12	PK	Vertical
4	5850.000	41.74	34.00	5.74	-29.60	51.88	125.30	73.42	PK	Vertical
5	5867.947	44.27	34.04	5.75	-29.60	54.46	107.27	52.81	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:2025-01-20

Tested By:Zhong Nan

EUT:In-vehicle Multimedia Host

Model Number:MTCJ06-A03

Test Mode:ANT1 N20 TX 5745MHz Mode

Power Supply:DC 12V

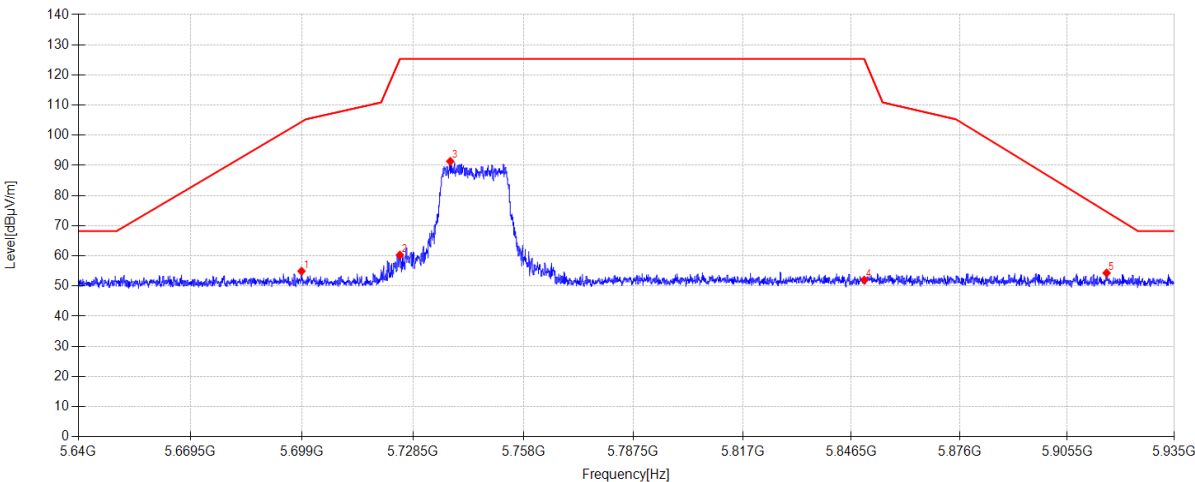
Condition:Temp:23°C;Humi:59.5%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\19

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

Test Graph



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	5698.853	45.29	33.60	5.64	-29.60	54.93	104.45	49.52	PK	Horizontal
2	5725.000	50.47	33.75	5.66	-29.60	60.28	125.30	65.02	PK	Horizontal
3	5738.412	81.46	33.83	5.67	-29.60	91.36	125.30	33.94	PK	Horizontal
4	5850.000	41.84	34.00	5.74	-29.60	51.98	125.30	73.32	PK	Horizontal
5	5916.327	44.02	34.13	5.78	-29.60	54.33	74.64	20.31	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 N20 TX 5745MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

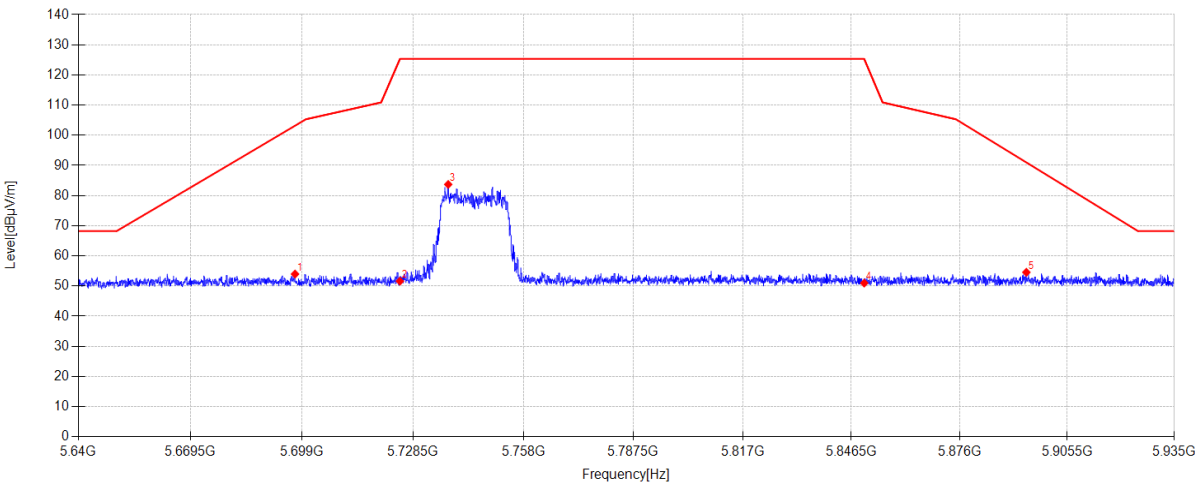
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Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
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	5697.142	44.34	33.59	5.64	-29.60	53.97	103.18	49.21	PK	Vertical
2	5725.000	41.81	33.75	5.66	-29.60	51.62	125.30	73.68	PK	Vertical
3	5737.881	73.80	33.83	5.67	-29.60	83.70	125.30	41.60	PK	Vertical
4	5850.000	40.84	34.00	5.74	-29.60	50.98	125.30	74.32	PK	Vertical
5	5894.290	44.29	34.09	5.77	-29.60	54.55	90.99	36.44	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2025-01-20

Tested By:Zhong Nan

EUT:In-vehicle Multimedia Host

Model Number:MTCJ06-A03

Test Mode:ANT1 N20 TX 5785MHz Mode

Power Supply:DC 12V

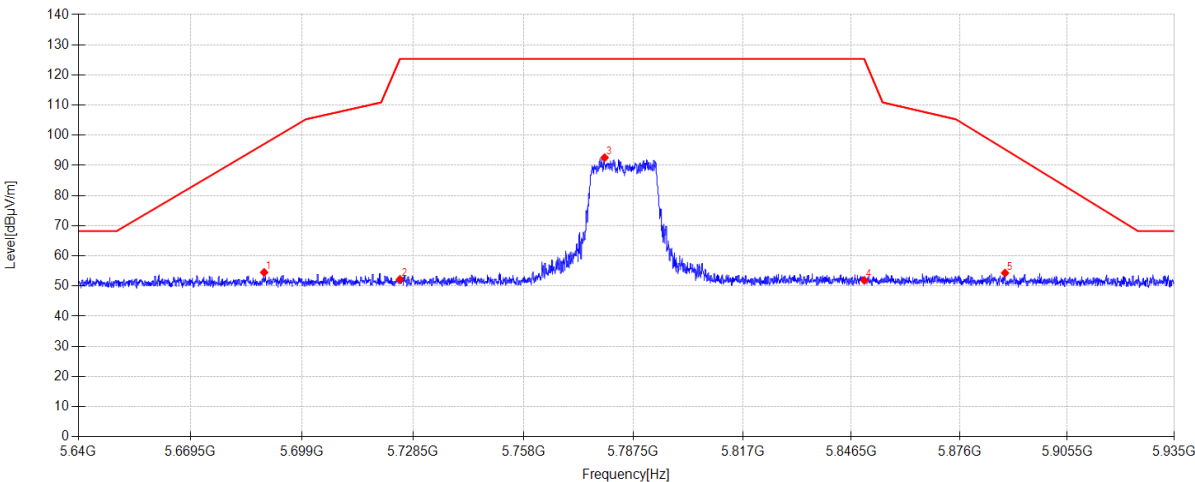
Condition:Temp:23°C;Humi:59.5%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\21

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

Test Graph



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	5688.970	44.93	33.56	5.63	-29.60	54.52	97.12	42.60	PK	Horizontal
2	5725.000	42.39	33.75	5.66	-29.60	52.20	125.30	73.10	PK	Horizontal
3	5779.771	82.41	34.08	5.69	-29.60	92.58	125.30	32.72	PK	Horizontal
4	5850.000	41.74	34.00	5.74	-29.60	51.88	125.30	73.42	PK	Horizontal
5	5888.449	44.07	34.08	5.77	-29.60	54.32	95.32	41.00	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 N20 TX 5785MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

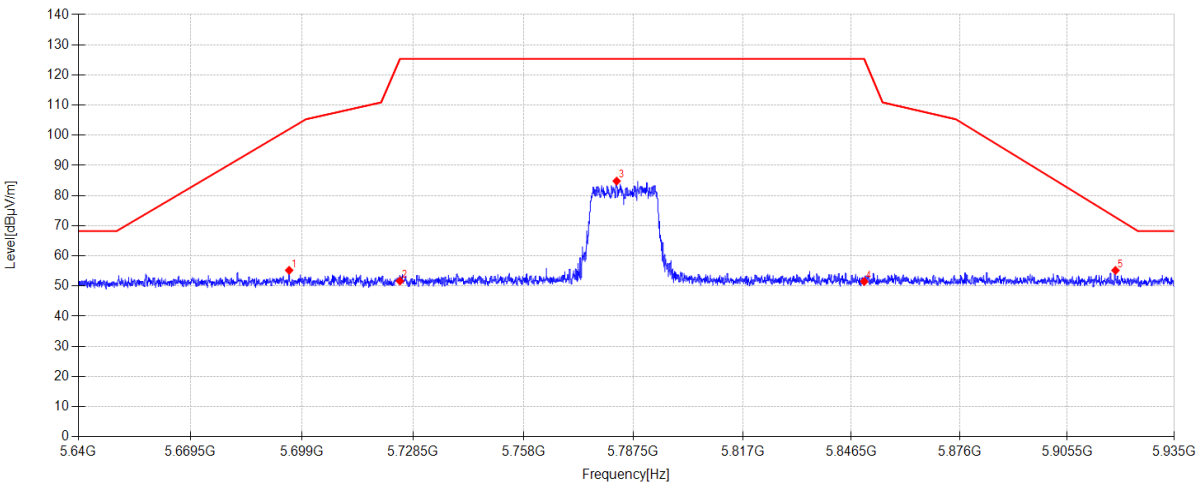
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Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
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	5695.578	45.60	33.58	5.64	-29.60	55.22	102.02	46.80	PK	Vertical
2	5725.000	41.85	33.75	5.66	-29.60	51.66	125.30	73.64	PK	Vertical
3	5783.016	74.61	34.10	5.70	-29.60	84.81	125.30	40.49	PK	Vertical
4	5850.000	41.38	34.00	5.74	-29.60	51.52	125.30	73.78	PK	Vertical
5	5918.775	44.85	34.14	5.79	-29.60	55.18	72.82	17.64	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 N20 TX 5825MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

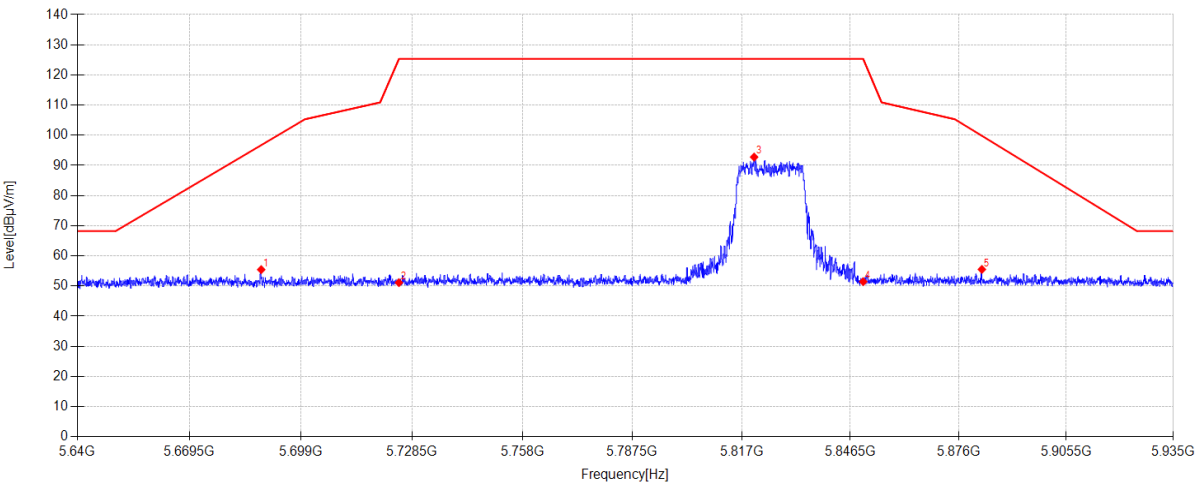
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Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
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	5688.439	45.86	33.55	5.63	-29.60	55.44	96.72	41.28	PK	Horizontal
2	5725.000	41.31	33.75	5.66	-29.60	51.12	125.30	74.18	PK	Horizontal
3	5820.393	82.53	34.12	5.72	-29.60	92.77	125.30	32.53	PK	Horizontal
4	5850.000	41.32	34.00	5.74	-29.60	51.46	125.30	73.84	PK	Horizontal
5	5882.372	45.29	34.06	5.76	-29.60	55.51	99.83	44.32	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 N20 TX 5825MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

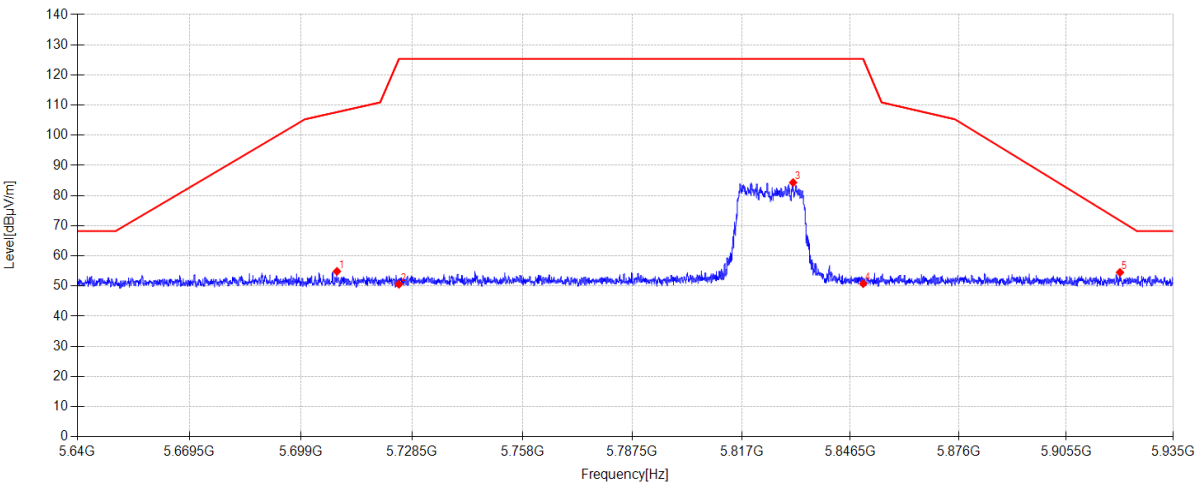
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\24

Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



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	5708.529	45.17	33.65	5.65	-29.60	54.87	107.69	52.82	PK	Vertical
2	5725.000	40.78	33.75	5.66	-29.60	50.59	125.30	74.71	PK	Vertical
3	5830.954	74.10	34.08	5.73	-29.60	84.31	125.30	40.99	PK	Vertical
4	5850.000	40.66	34.00	5.74	-29.60	50.80	125.30	74.50	PK	Vertical
5	5920.280	44.19	34.14	5.79	-29.60	54.52	71.70	17.18	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 N20 TX 5825MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

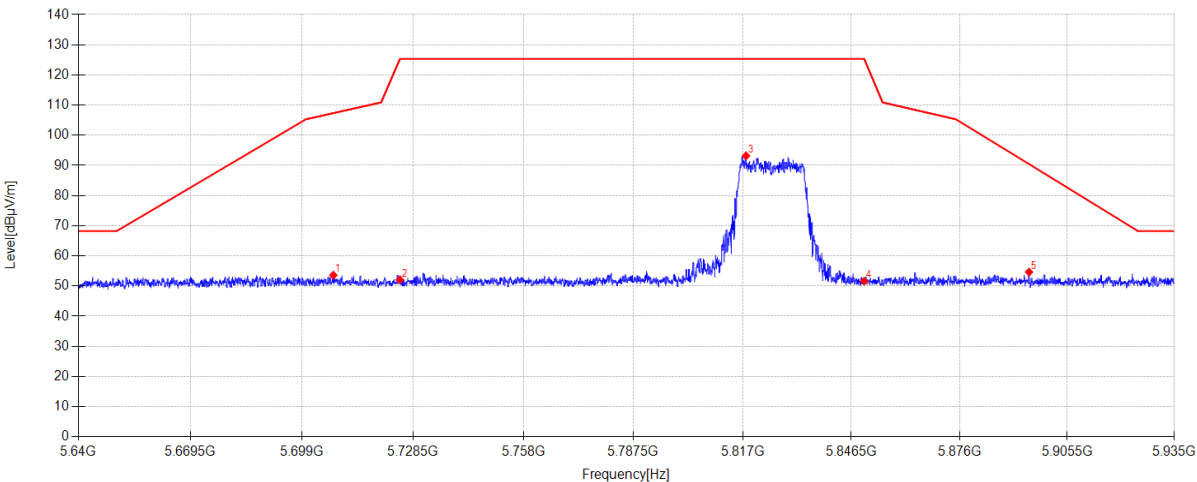
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\25

Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



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	5707.290	43.90	33.64	5.65	-29.60	53.59	107.34	53.75	PK	Horizontal
2	5725.000	42.24	33.75	5.66	-29.60	52.05	125.30	73.25	PK	Horizontal
3	5817.915	82.93	34.13	5.72	-29.60	93.18	125.30	32.12	PK	Horizontal
4	5850.000	41.47	34.00	5.74	-29.60	51.61	125.30	73.69	PK	Horizontal
5	5895.028	44.37	34.09	5.77	-29.60	54.63	90.44	35.81	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 N20 TX 5825MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

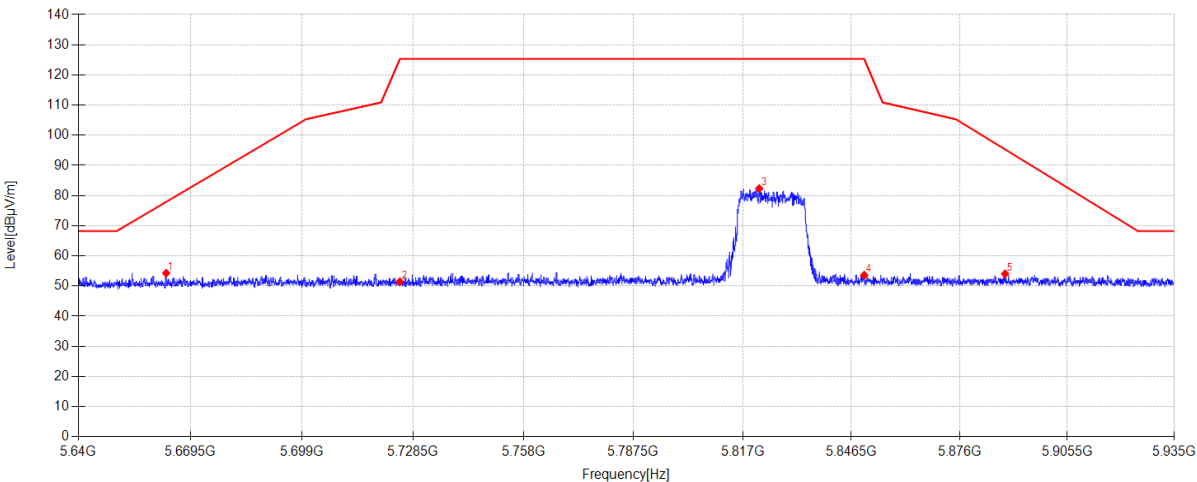
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Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
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	5663.099	44.80	33.45	5.62	-29.60	54.27	77.92	23.65	PK	Vertical
2	5725.000	41.62	33.75	5.66	-29.60	51.43	125.30	73.87	PK	Vertical
3	5821.484	72.10	34.11	5.72	-29.60	82.33	125.30	42.97	PK	Vertical
4	5850.000	43.47	34.00	5.74	-29.60	53.61	125.30	71.69	PK	Vertical
5	5888.449	43.80	34.08	5.77	-29.60	54.05	95.32	41.27	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 N20 TX 5785MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

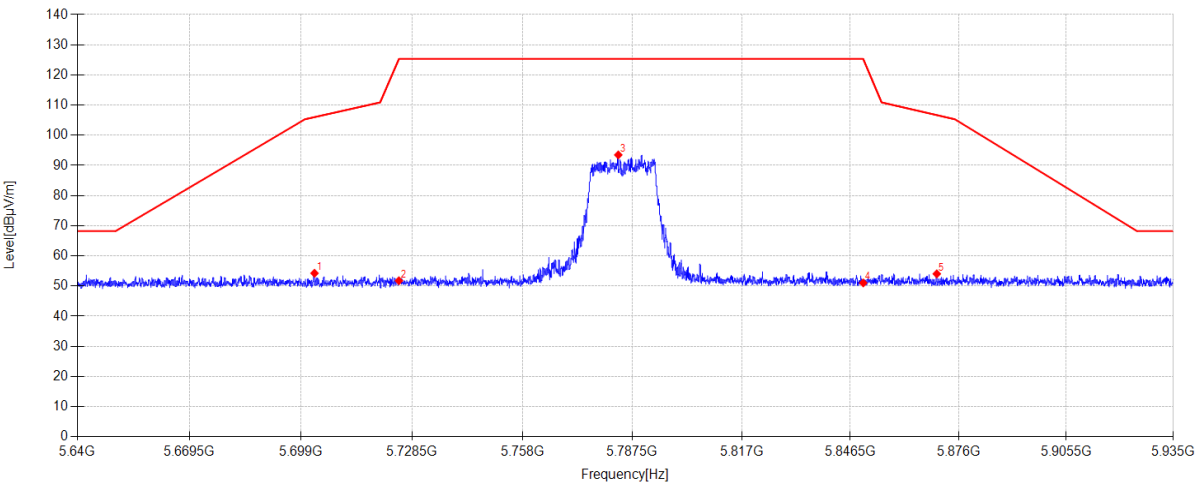
File Path:

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Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



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	5702.570	44.58	33.62	5.64	-29.60	54.24	106.02	51.78	PK	Horizontal
2	5725.000	41.95	33.75	5.66	-29.60	51.76	125.30	73.54	PK	Horizontal
3	5783.724	83.28	34.10	5.70	-29.60	93.48	125.30	31.82	PK	Horizontal
4	5850.000	40.89	34.00	5.74	-29.60	51.03	125.30	74.27	PK	Horizontal
5	5870.041	43.85	34.04	5.75	-29.60	54.04	106.69	52.65	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 N20 TX 5785MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

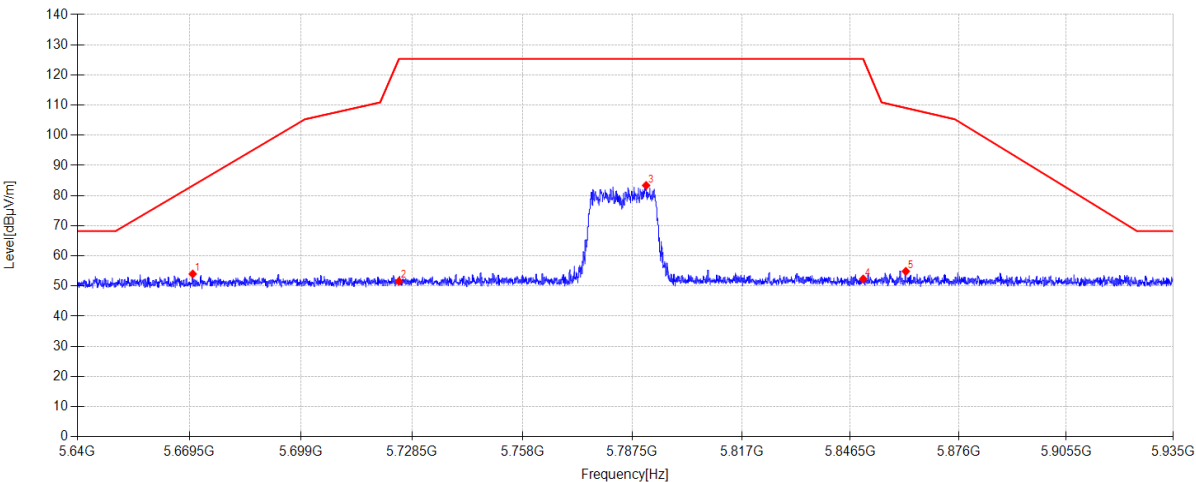
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Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
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	5670.356	44.49	33.48	5.62	-29.60	53.99	83.30	29.31	PK	Vertical
2	5725.000	41.74	33.75	5.66	-29.60	51.55	125.30	73.75	PK	Vertical
3	5791.217	73.10	34.15	5.70	-29.60	83.35	125.30	41.95	PK	Vertical
4	5850.000	42.21	34.00	5.74	-29.60	52.35	125.30	72.95	PK	Vertical
5	5861.604	44.71	34.02	5.75	-29.60	54.88	109.05	54.17	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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 N20 TX 5745MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

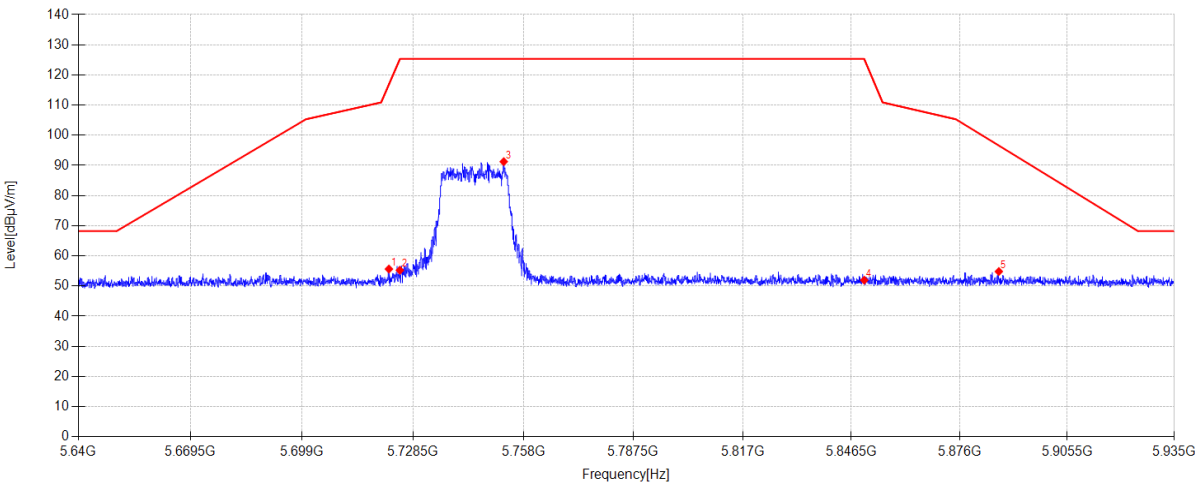
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\29

Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



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	5722.069	45.84	33.73	5.66	-29.60	55.63	116.86	61.23	PK	Horizontal
2	5725.000	45.42	33.75	5.66	-29.60	55.23	125.30	70.07	PK	Horizontal
3	5752.720	81.25	33.92	5.68	-29.60	91.25	125.30	34.05	PK	Horizontal
4	5850.000	41.80	34.00	5.74	-29.60	51.94	125.30	73.36	PK	Horizontal
5	5886.738	44.57	34.07	5.77	-29.60	54.81	96.59	41.78	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 N20 TX 5745MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

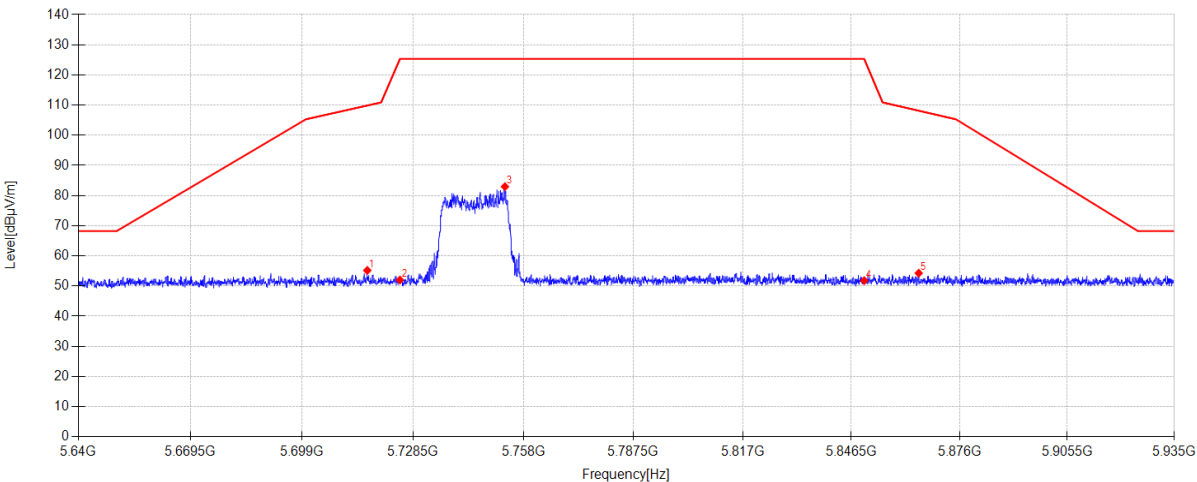
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Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
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	5716.317	45.42	33.70	5.65	-29.60	55.17	109.87	54.70	PK	Vertical
2	5725.000	42.20	33.75	5.66	-29.60	52.01	125.30	73.29	PK	Vertical
3	5753.044	72.97	33.92	5.68	-29.60	82.97	125.30	42.33	PK	Vertical
4	5850.000	41.66	34.00	5.74	-29.60	51.80	125.30	73.50	PK	Vertical
5	5864.849	44.09	34.03	5.75	-29.60	54.27	108.14	53.87	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2025-01-20

Tested By:Zhong Nan

EUT:In-vehicle Multimedia Host

Model Number:MTCJ06-A03

Test Mode:ANT2 N40 TX 5755MHz Mode

Power Supply:DC 12V

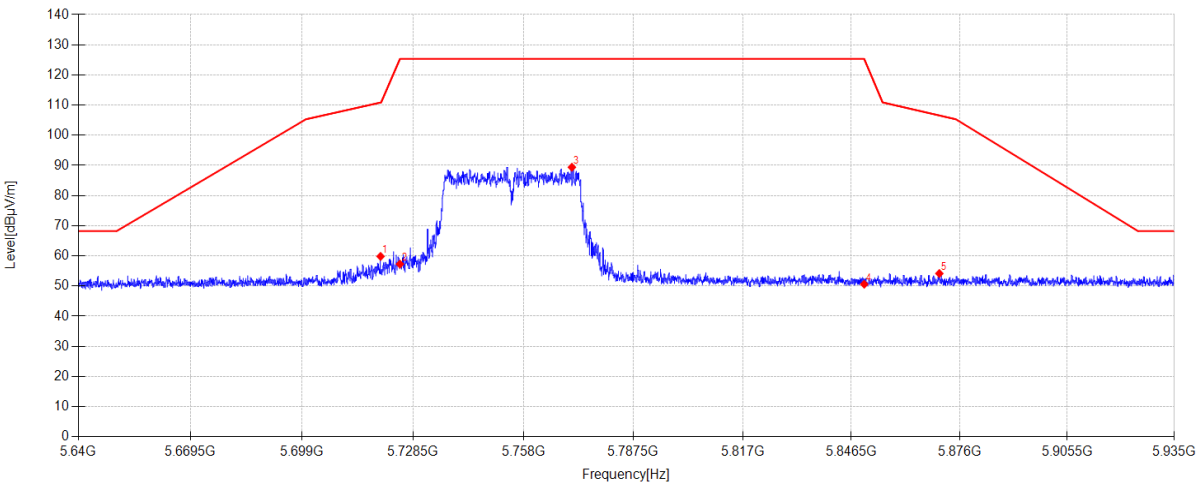
Condition:Temp:23°C;Humi:59.5%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\31

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

Test Graph



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	5719.857	50.05	33.72	5.66	-29.60	59.83	110.86	51.03	PK	Horizontal
2	5725.000	47.46	33.75	5.66	-29.60	57.27	125.30	68.03	PK	Horizontal
3	5770.980	79.28	34.03	5.69	-29.60	89.40	125.30	35.90	PK	Horizontal
4	5850.000	40.46	34.00	5.74	-29.60	50.60	125.30	74.70	PK	Horizontal
5	5870.484	43.96	34.04	5.75	-29.60	54.15	106.56	52.41	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 N40 TX 5755MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

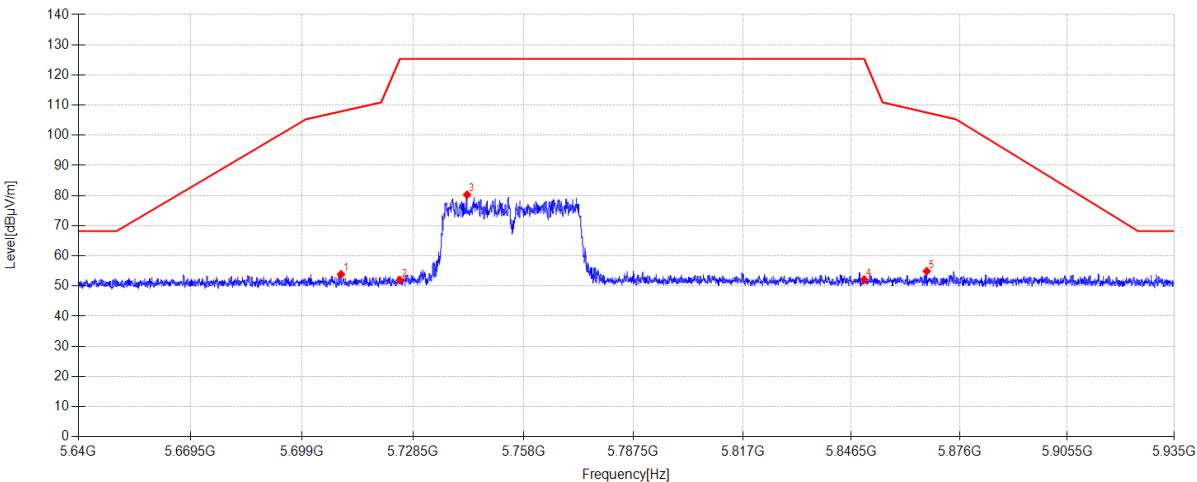
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Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
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	5709.355	44.17	33.66	5.65	-29.60	53.88	107.92	54.04	PK	Vertical
2	5725.000	42.15	33.75	5.66	-29.60	51.96	125.30	73.34	PK	Vertical
3	5742.926	70.34	33.86	5.67	-29.60	80.27	125.30	45.03	PK	Vertical
4	5850.000	42.03	34.00	5.74	-29.60	52.17	125.30	73.13	PK	Vertical
5	5867.032	44.74	34.03	5.75	-29.60	54.92	107.53	52.61	PK	Vertical

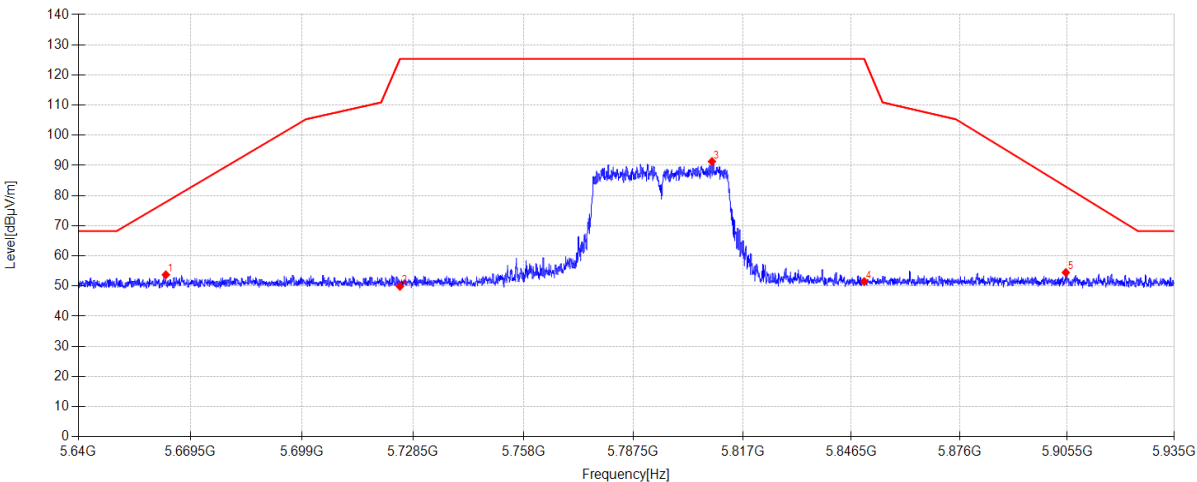
Note:

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: 2025-01-20 Tested By: Zhong Nan
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03
Test Mode: ANT2 N40 TX 5795MHz 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 MASK\33
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



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	5663.010	44.27	33.45	5.62	-29.60	53.74	77.85	24.11	PK	Horizontal
2	5725.000	40.07	33.75	5.66	-29.60	49.88	125.30	75.42	PK	Horizontal
3	5808.711	81.03	34.17	5.71	-29.60	91.31	125.30	33.99	PK	Horizontal
4	5850.000	41.35	34.00	5.74	-29.60	51.49	125.30	73.81	PK	Horizontal
5	5905.117	44.18	34.11	5.78	-29.60	54.47	82.95	28.48	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 N40 TX 5795MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

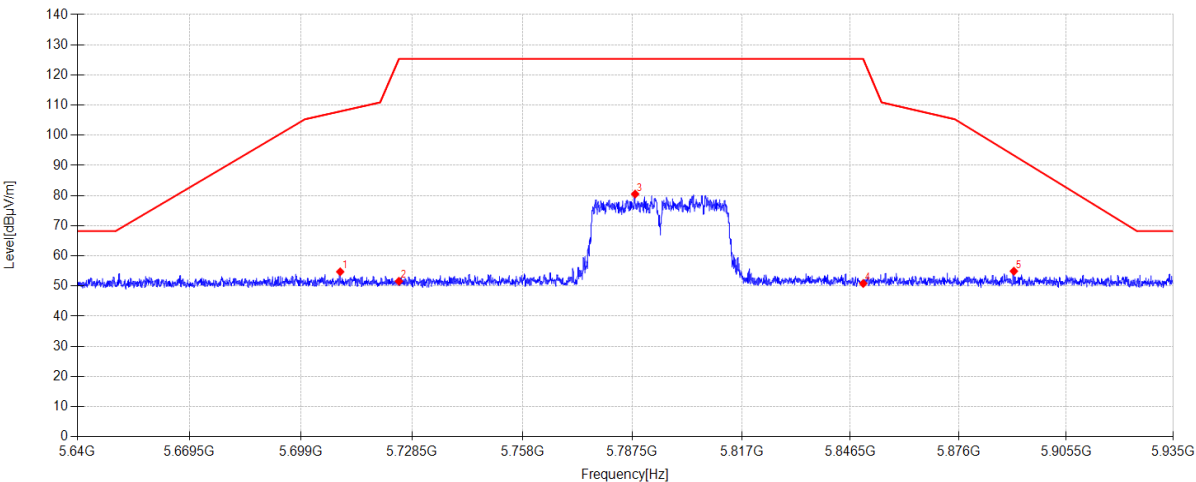
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Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
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	5709.384	45.02	33.66	5.65	-29.60	54.73	107.93	53.20	PK	Vertical
2	5725.000	41.77	33.75	5.66	-29.60	51.58	125.30	73.72	PK	Vertical
3	5788.267	70.27	34.13	5.70	-29.60	80.50	125.30	44.80	PK	Vertical
4	5850.000	40.69	34.00	5.74	-29.60	50.83	125.30	74.47	PK	Vertical
5	5891.134	44.67	34.08	5.77	-29.60	54.92	93.33	38.41	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:2025-01-20

Tested By:Zhong Nan

EUT:In-vehicle Multimedia Host

Model Number:MTCJ06-A03

Test Mode:ANT1 N40 TX 5795MHz Mode

Power Supply:DC 12V

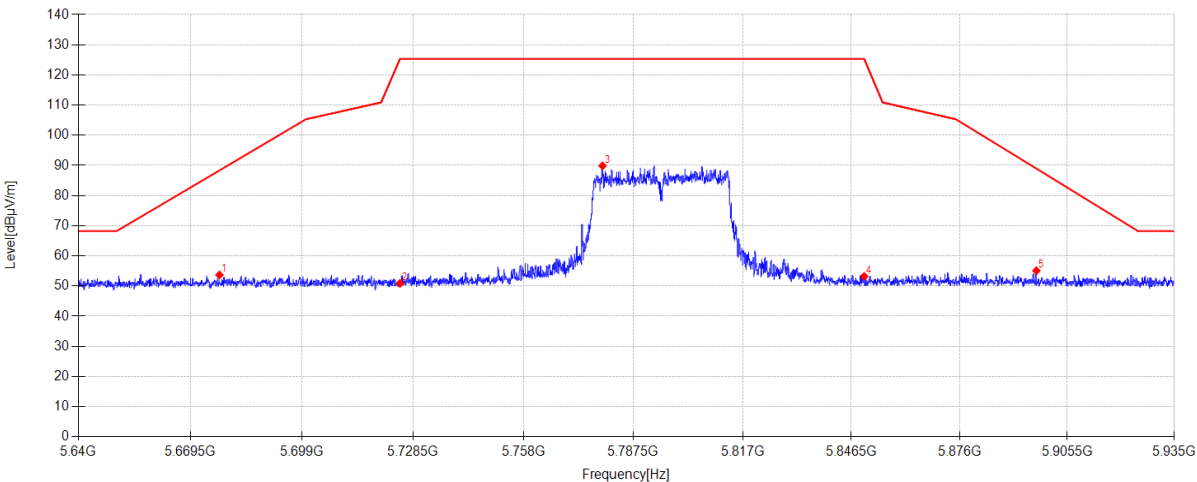
Condition:Temp:23°C;Humi:59.5%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\35

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

Test Graph



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	5677.141	44.13	33.51	5.63	-29.60	53.67	88.34	34.67	PK	Horizontal
2	5725.000	41.07	33.75	5.66	-29.60	50.88	125.30	74.42	PK	Horizontal
3	5779.211	79.69	34.08	5.69	-29.60	89.86	125.30	35.44	PK	Horizontal
4	5850.000	43.05	34.00	5.74	-29.60	53.19	125.30	72.11	PK	Horizontal
5	5897.034	44.84	34.09	5.77	-29.60	55.10	88.95	33.85	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:2025-01-20

Tested By:Zhong Nan

EUT:In-vehicle Multimedia Host

Model Number:MTCJ06-A03

Test Mode:ANT1 N40 TX 5795MHz Mode

Power Supply:DC 12V

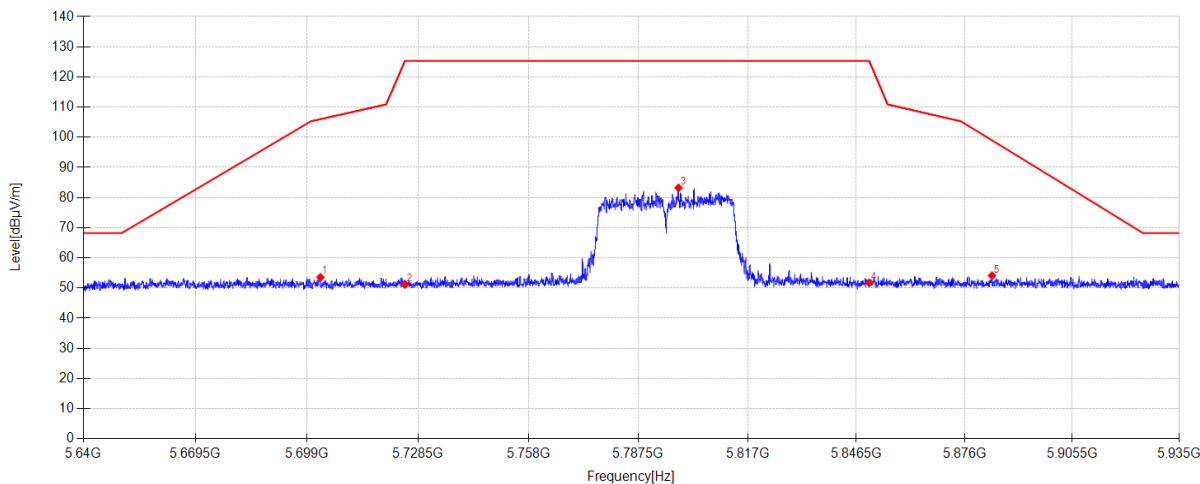
Condition:Temp:23°C;Humi:59.5%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\36

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

Test Graph



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	5702.540	43.89	33.62	5.64	-29.60	53.55	106.01	52.46	PK	Vertical
2	5725.000	41.36	33.75	5.66	-29.60	51.17	125.30	74.13	PK	Vertical
3	5798.327	72.92	34.19	5.71	-29.60	83.22	125.30	42.08	PK	Vertical
4	5850.000	41.58	34.00	5.74	-29.60	51.72	125.30	73.58	PK	Vertical
5	5883.523	43.86	34.07	5.76	-29.60	54.09	98.98	44.89	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 N40 TX 5755MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

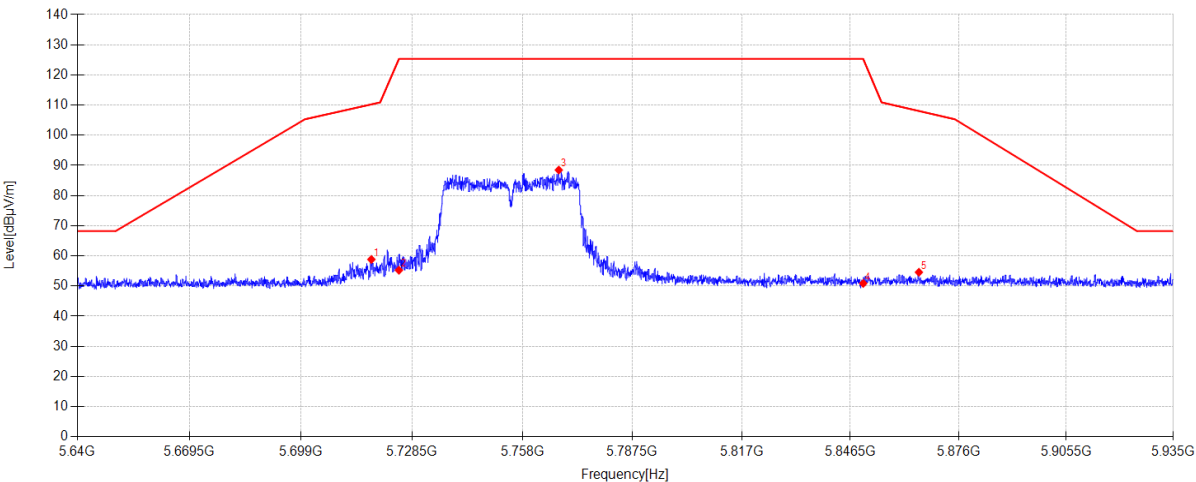
File Path:

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

Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



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	5717.674	49.05	33.71	5.65	-29.60	58.81	110.25	51.44	PK	Horizontal
2	5725.000	45.43	33.75	5.66	-29.60	55.24	125.30	70.06	PK	Horizontal
3	5767.735	78.37	34.01	5.69	-29.60	88.47	125.30	36.83	PK	Horizontal
4	5850.000	40.73	34.00	5.74	-29.60	50.87	125.30	74.43	PK	Horizontal
5	5865.174	44.40	34.03	5.75	-29.60	54.58	108.05	53.47	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 N40 TX 5755MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

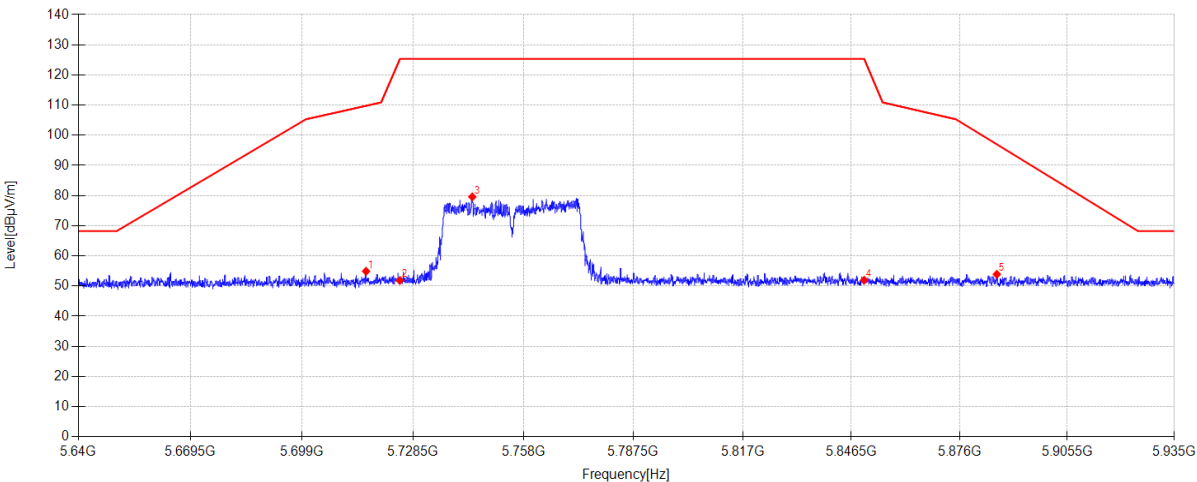
File Path:

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

Memo:

Sample Number:S24122405-001 Power Setting:10

Test Graph



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	5715.992	45.15	33.70	5.65	-29.60	54.90	109.78	54.88	PK	Vertical
2	5725.000	42.04	33.75	5.66	-29.60	51.85	125.30	73.45	PK	Vertical
3	5744.312	69.65	33.87	5.67	-29.60	79.59	125.30	45.71	PK	Vertical
4	5850.000	41.79	34.00	5.74	-29.60	51.93	125.30	73.37	PK	Vertical
5	5886.207	43.67	34.07	5.76	-29.60	53.90	96.98	43.08	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 AC20 TX 5745MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

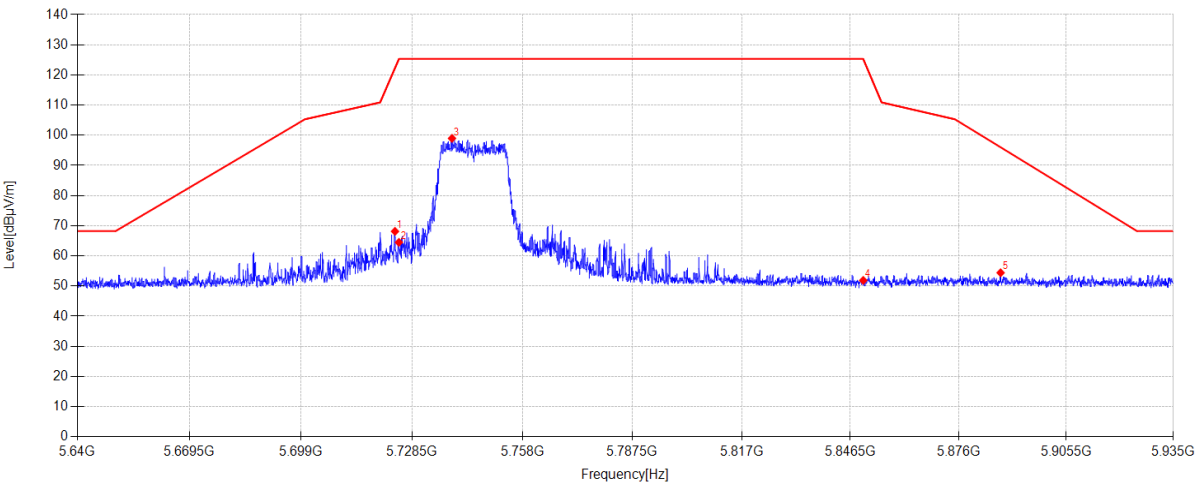
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\39

Memo:

Sample Number:S24122405-001 Power Setting:12

Test Graph



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	5723.957	58.33	33.74	5.66	-29.60	68.13	122.30	54.17	PK	Horizontal
2	5725.000	54.68	33.75	5.66	-29.60	64.49	125.30	60.81	PK	Horizontal
3	5739.150	89.07	33.83	5.67	-29.60	98.97	125.30	26.33	PK	Horizontal
4	5850.000	41.72	34.00	5.74	-29.60	51.86	125.30	73.44	PK	Horizontal
5	5887.505	44.15	34.08	5.77	-29.60	54.40	96.02	41.62	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 AC20 TX 5745MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

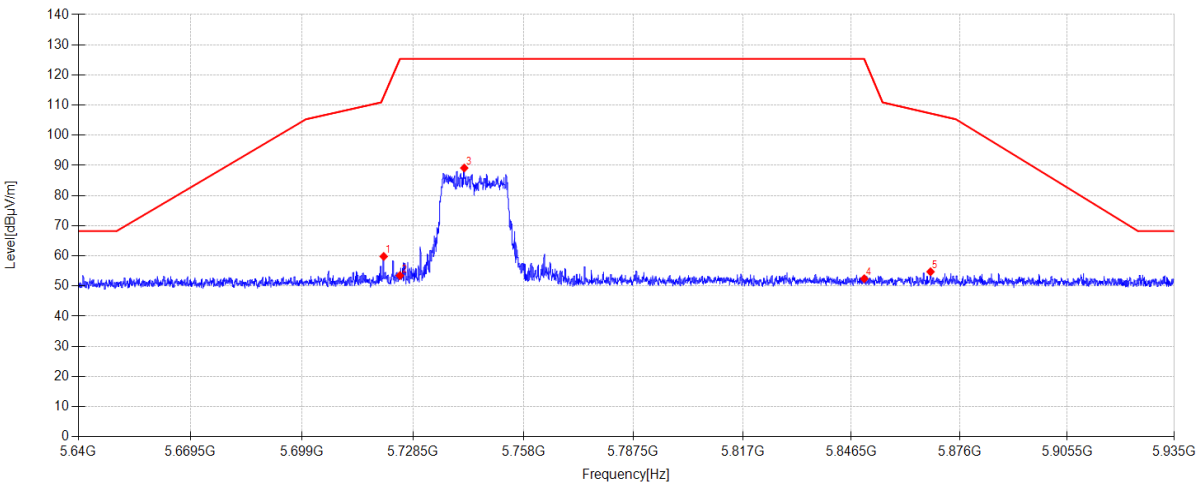
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Memo:

Sample Number:S24122405-001 Power Setting:12

Test Graph



Data List										
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	5720.683	50.04	33.72	5.66	-29.60	59.82	112.87	53.05	PK	Vertical
2	5725.000	43.66	33.75	5.66	-29.60	53.47	125.30	71.83	PK	Vertical
3	5742.159	79.23	33.85	5.67	-29.60	89.15	125.30	36.15	PK	Vertical
4	5850.000	42.29	34.00	5.74	-29.60	52.43	125.30	72.87	PK	Vertical
5	5868.065	44.55	34.04	5.75	-29.60	54.74	107.24	52.50	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 AC20 TX 5785MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

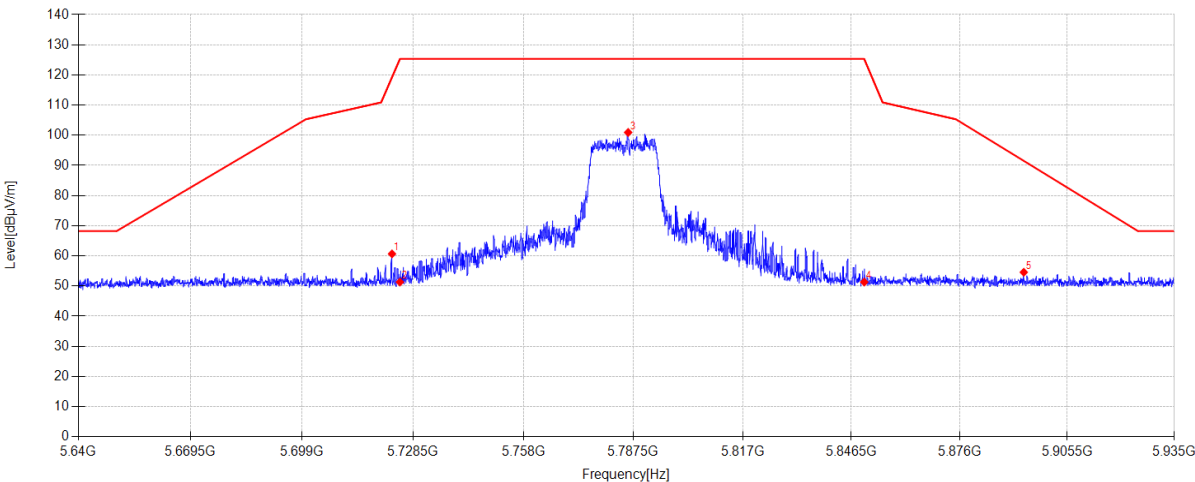
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\41

Memo:

Sample Number:S24122405-001 Power Setting:12

Test Graph



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	5722.895	50.87	33.74	5.66	-29.60	60.67	119.24	58.57	PK	Horizontal
2	5725.000	41.50	33.75	5.66	-29.60	51.31	125.30	73.99	PK	Horizontal
3	5786.114	90.72	34.12	5.70	-29.60	100.94	125.30	24.36	PK	Horizontal
4	5850.000	41.17	34.00	5.74	-29.60	51.31	125.30	73.99	PK	Horizontal
5	5893.582	44.32	34.09	5.77	-29.60	54.58	91.51	36.93	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 AC20 TX 5785MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

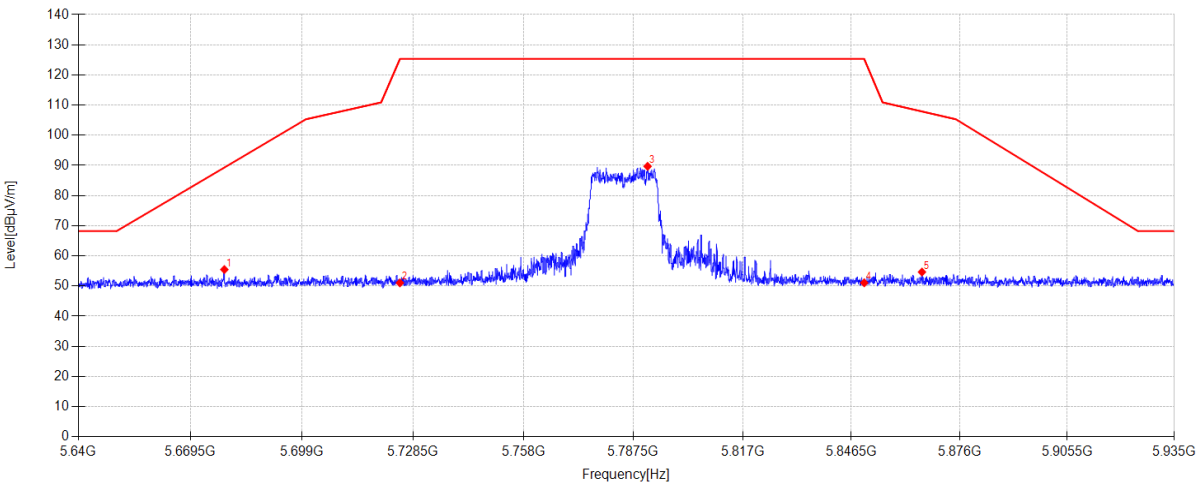
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\42

Memo:

Sample Number:S24122405-001 Power Setting:12

Test Graph



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	5678.439	45.93	33.51	5.63	-29.60	55.47	89.30	33.83	PK	Vertical
2	5725.000	41.23	33.75	5.66	-29.60	51.04	125.30	74.26	PK	Vertical
3	5791.335	79.44	34.15	5.70	-29.60	89.69	125.30	35.61	PK	Vertical
4	5850.000	40.92	34.00	5.74	-29.60	51.06	125.30	74.24	PK	Vertical
5	5865.734	44.46	34.03	5.75	-29.60	54.64	107.89	53.25	PK	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 AC20 TX 5825MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

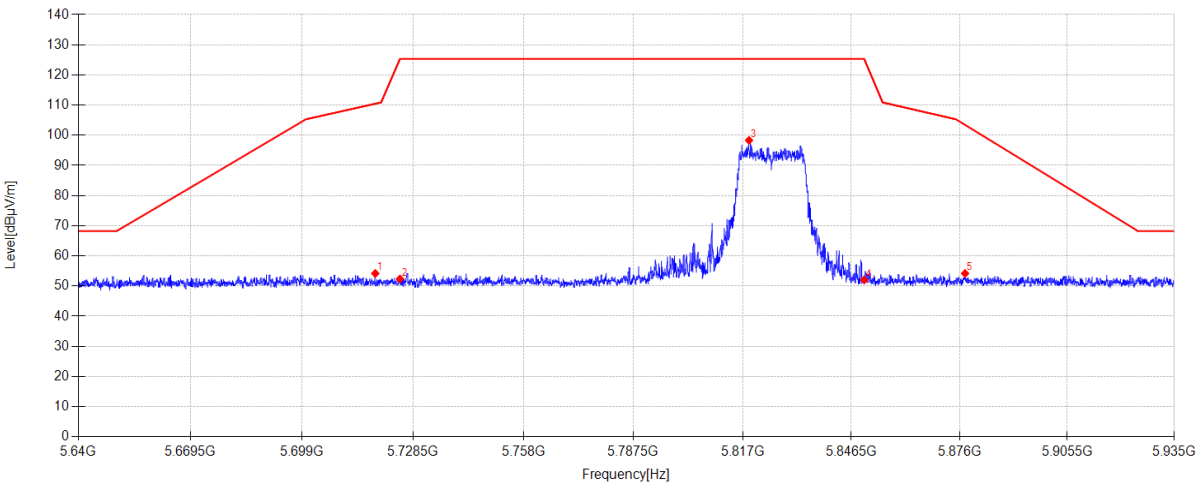
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\43

Memo:

Sample Number:S24122405-001 Power Setting:12

Test Graph



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	5718.441	44.40	33.71	5.65	-29.60	54.16	110.46	56.30	PK	Horizontal
2	5725.000	42.54	33.75	5.66	-29.60	52.35	125.30	72.95	PK	Horizontal
3	5818.741	88.08	34.13	5.72	-29.60	98.33	125.30	26.97	PK	Horizontal
4	5850.000	41.89	34.00	5.74	-29.60	52.03	125.30	73.27	PK	Horizontal
5	5877.505	43.96	34.06	5.76	-29.60	54.18	103.44	49.26	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.