

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

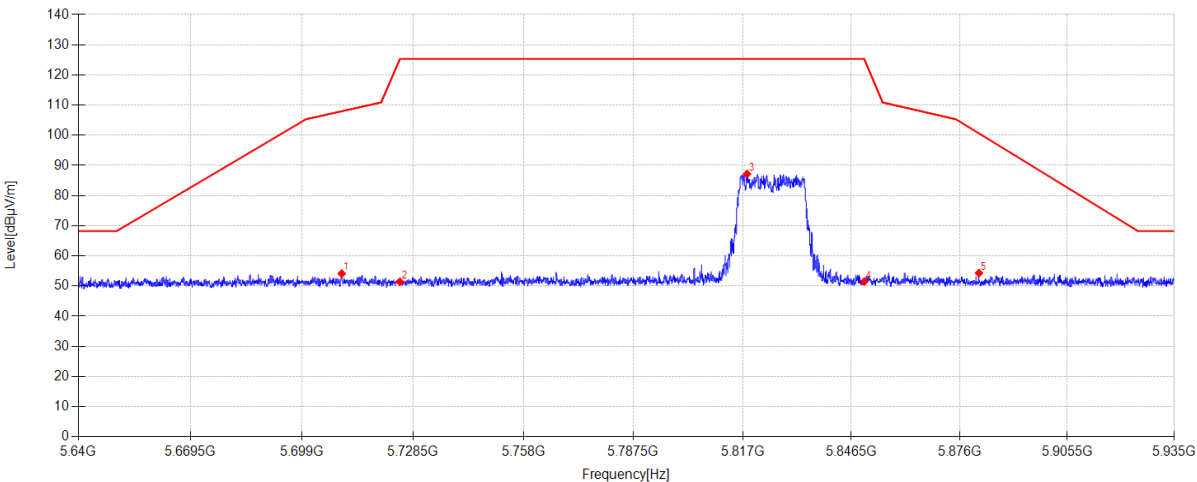
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\44

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	5709.532	44.40	33.66	5.65	-29.60	54.11	107.97	53.86	PK	Vertical
2	5725.000	41.59	33.75	5.66	-29.60	51.40	125.30	73.90	PK	Vertical
3	5818.180	76.90	34.13	5.72	-29.60	87.15	125.30	38.15	PK	Vertical
4	5850.000	41.33	34.00	5.74	-29.60	51.47	125.30	73.83	PK	Vertical
5	5881.310	44.07	34.06	5.76	-29.60	54.29	100.62	46.33	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:2025-01-20

Tested By:Zhong Nan

EUT:In-vehicle Multimedia Host

Model Number:MTCJ06-A03

Test Mode:ANT2 AC20 TX 5825MHz Mode

Power Supply:DC 12V

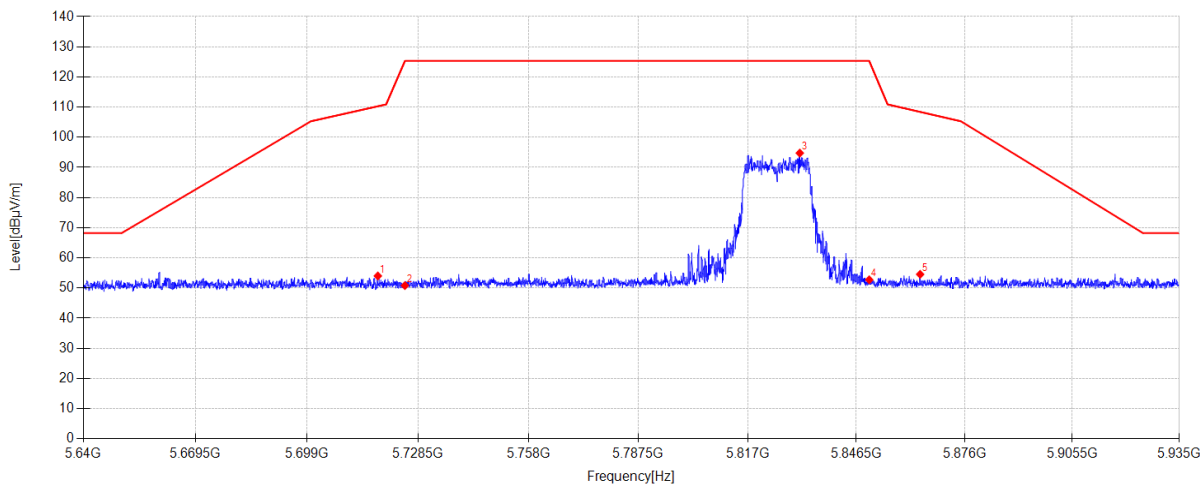
Condition:Temp:23°C;Humi:59.5%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\45

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	5717.792	44.24	33.71	5.65	-29.60	54.00	110.28	56.28	PK	Horizontal
2	5725.000	41.01	33.75	5.66	-29.60	50.82	125.30	74.48	PK	Horizontal
3	5831.131	84.54	34.08	5.73	-29.60	94.75	125.30	30.55	PK	Horizontal
4	5850.000	42.59	34.00	5.74	-29.60	52.73	125.30	72.57	PK	Horizontal
5	5863.876	44.36	34.03	5.75	-29.60	54.54	108.41	53.87	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 AC20 TX 5825MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

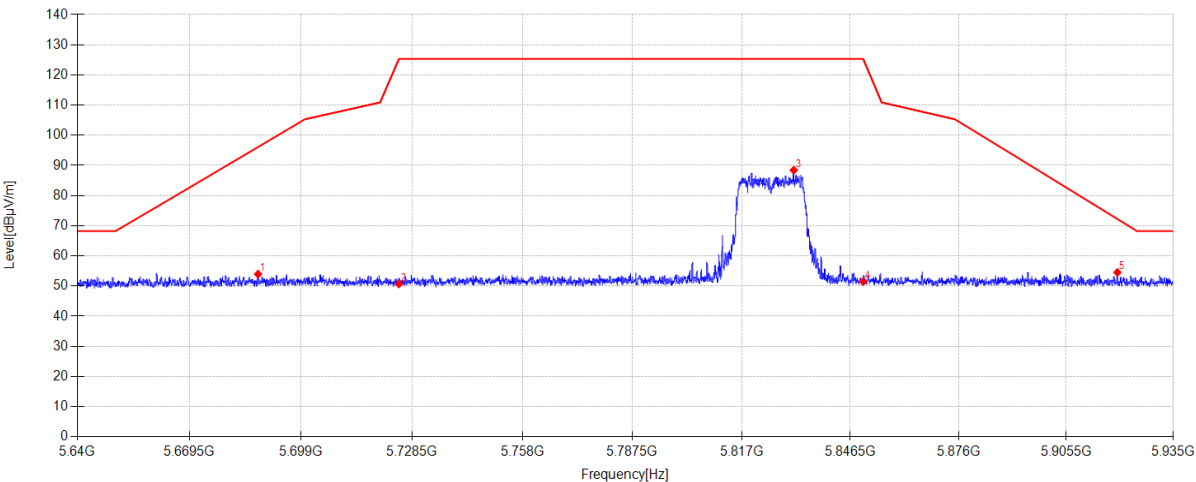
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Memo:

Sample Number:S24122405-001 Power Setting: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	5687.613	44.38	33.55	5.63	-29.60	53.96	96.11	42.15	PK	Vertical
2	5725.000	40.87	33.75	5.66	-29.60	50.68	125.30	74.62	PK	Vertical
3	5831.131	78.22	34.08	5.73	-29.60	88.43	125.30	36.87	PK	Vertical
4	5850.000	41.35	34.00	5.74	-29.60	51.49	125.30	73.81	PK	Vertical
5	5919.572	44.19	34.14	5.79	-29.60	54.52	72.23	17.71	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 AC20 TX 5785MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

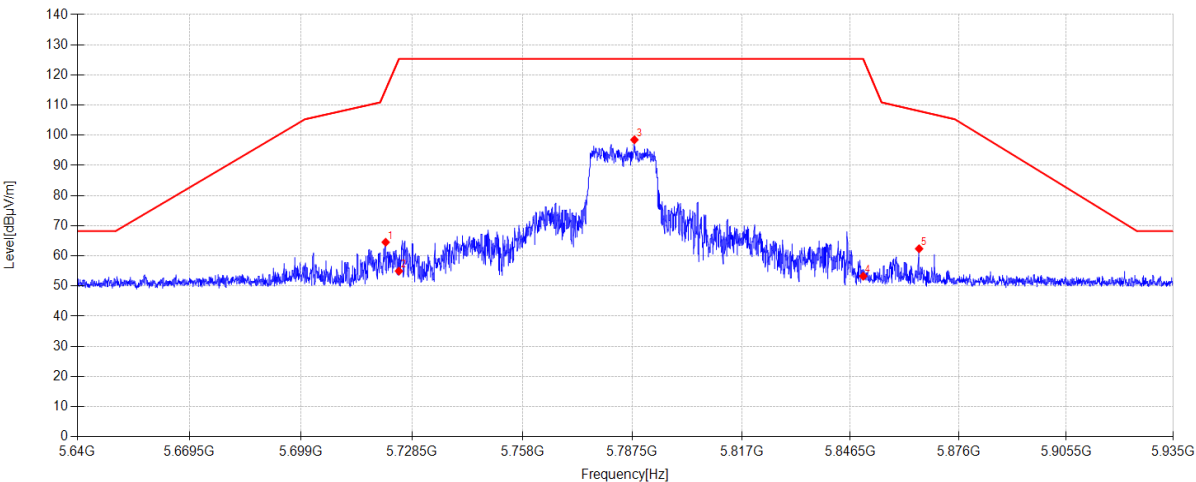
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Memo:

Sample Number:S24122405-001 Power Setting: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	5721.479	54.73	33.73	5.66	-29.60	64.52	115.16	50.64	PK	Horizontal
2	5725.000	45.14	33.75	5.66	-29.60	54.95	125.30	70.35	PK	Horizontal
3	5788.061	88.28	34.13	5.70	-29.60	98.51	125.30	26.79	PK	Horizontal
4	5850.000	43.12	34.00	5.74	-29.60	53.26	125.30	72.04	PK	Horizontal
5	5865.233	52.19	34.03	5.75	-29.60	62.37	108.03	45.66	PK	Horizontal

Note:

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

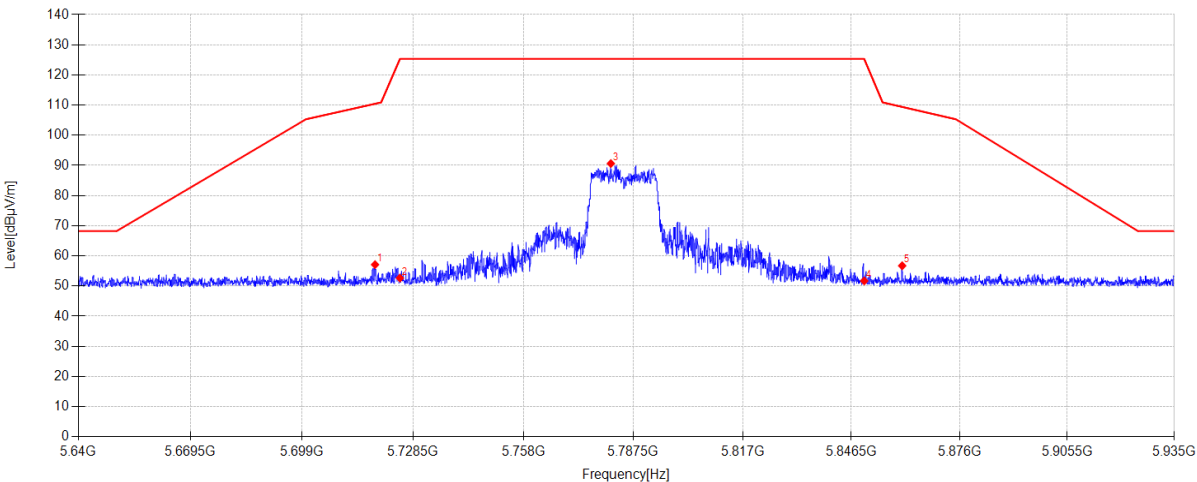
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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 AC20 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\48
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	5718.382	47.33	33.71	5.65	-29.60	57.09	110.45	53.36	PK	Vertical
2	5725.000	42.84	33.75	5.66	-29.60	52.65	125.30	72.65	PK	Vertical
3	5781.453	80.43	34.09	5.70	-29.60	90.62	125.30	34.68	PK	Vertical
4	5850.000	41.57	34.00	5.74	-29.60	51.71	125.30	73.59	PK	Vertical
5	5860.336	46.56	34.02	5.75	-29.60	56.73	109.41	52.68	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 AC20 TX 5745MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

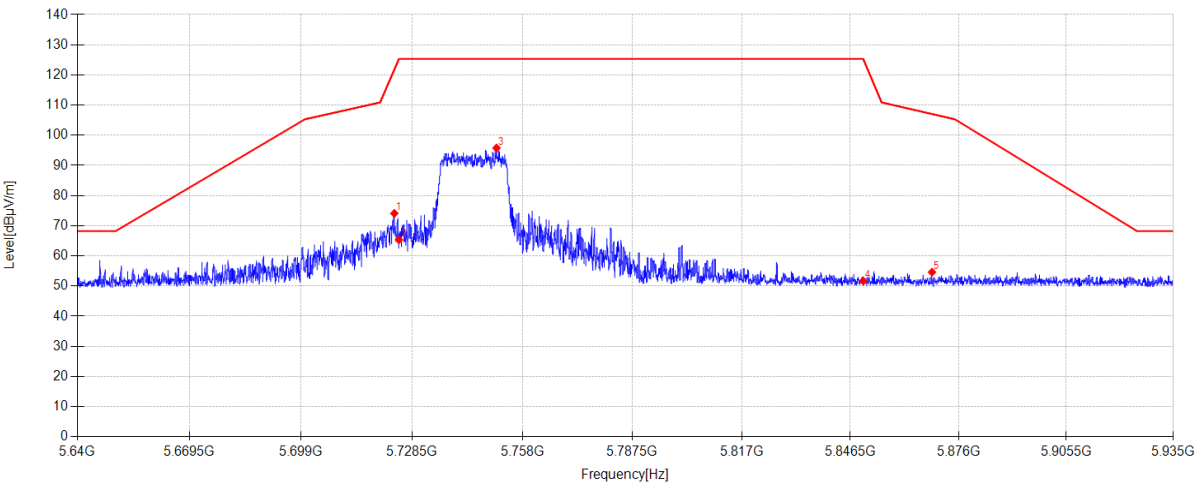
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Memo:

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	5723.780	64.30	33.74	5.66	-29.60	74.10	121.79	47.69	PK	Horizontal
2	5725.000	55.52	33.75	5.66	-29.60	65.33	125.30	59.97	PK	Horizontal
3	5751.068	85.78	33.91	5.68	-29.60	95.77	125.30	29.53	PK	Horizontal
4	5850.000	41.54	34.00	5.74	-29.60	51.68	125.30	73.62	PK	Horizontal
5	5868.743	44.42	34.04	5.75	-29.60	54.61	107.05	52.44	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 AC20 TX 5745MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

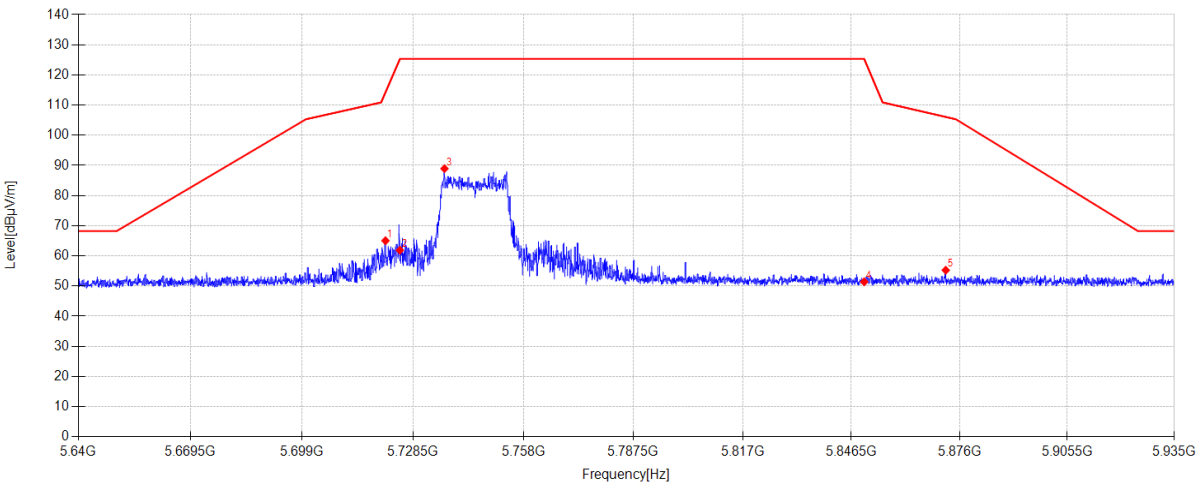
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Memo:

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	5721.155	55.24	33.73	5.66	-29.60	65.03	114.22	49.19	PK	Vertical
2	5725.000	52.05	33.75	5.66	-29.60	61.86	125.30	63.44	PK	Vertical
3	5736.878	79.05	33.82	5.67	-29.60	88.94	125.30	36.36	PK	Vertical
4	5850.000	41.27	34.00	5.74	-29.60	51.41	125.30	73.89	PK	Vertical
5	5872.224	45.06	34.04	5.76	-29.60	55.26	106.08	50.82	PK	Vertical

Note:

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

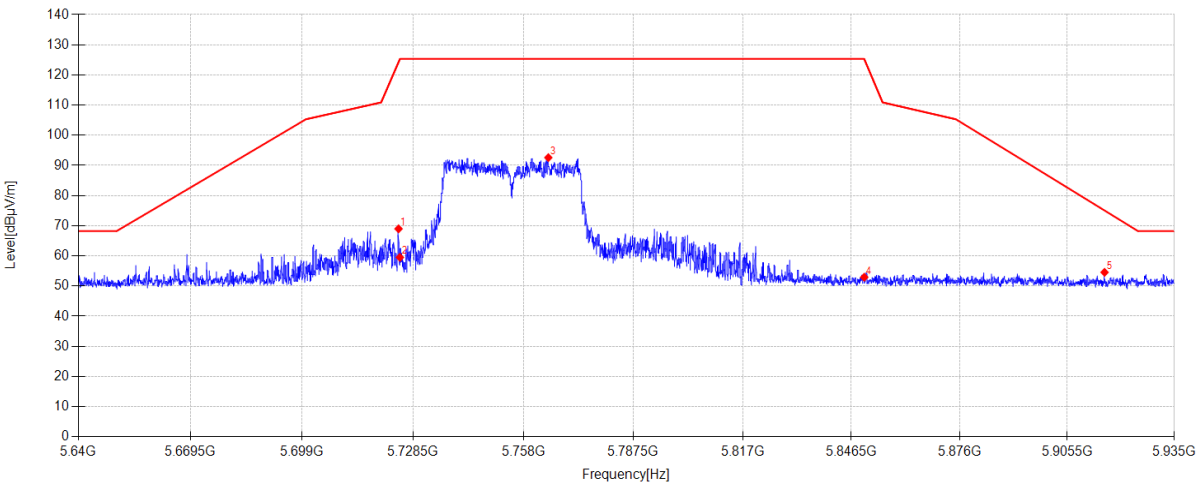
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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 AC40 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\51
Memo: Sample Number:S24122405-001 Power Setting:12

Test Graph



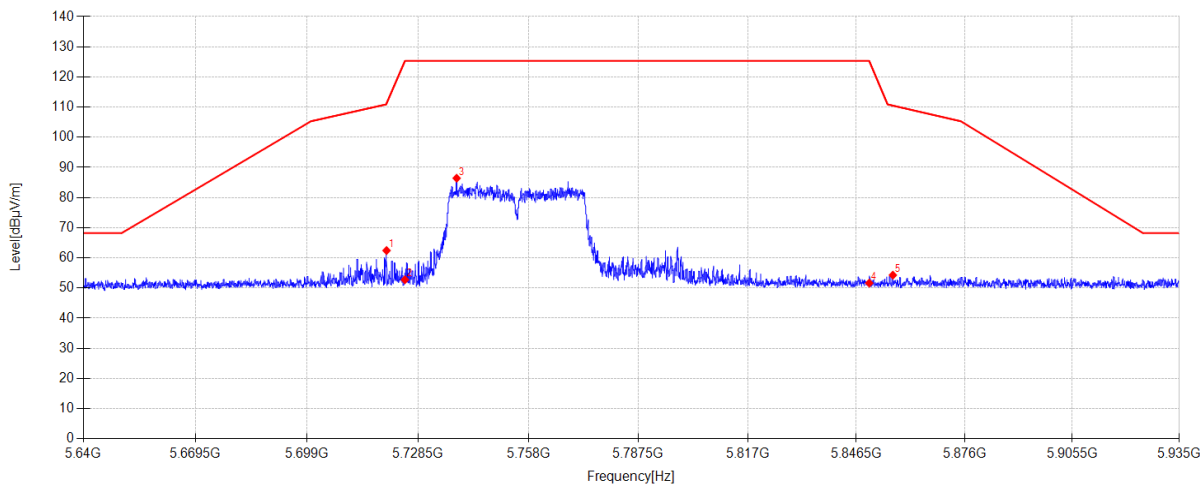
Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5724.636	59.16	33.75	5.66	-29.60	68.97	124.25	55.28	PK	Horizontal
2	5725.000	49.69	33.75	5.66	-29.60	59.50	125.30	65.80	PK	Horizontal
3	5764.667	82.52	33.99	5.68	-29.60	92.59	125.30	32.71	PK	Horizontal
4	5850.000	42.78	34.00	5.74	-29.60	52.92	125.30	72.38	PK	Horizontal
5	5915.766	44.23	34.13	5.78	-29.60	54.54	75.05	20.51	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 AC40 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\52
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	5720.122	52.66	33.72	5.66	-29.60	62.44	111.25	48.81	PK	Vertical
2	5725.000	42.92	33.75	5.66	-29.60	52.73	125.30	72.57	PK	Vertical
3	5738.796	76.52	33.83	5.67	-29.60	86.42	125.30	38.88	PK	Vertical
4	5850.000	41.50	34.00	5.74	-29.60	51.64	125.30	73.66	PK	Vertical
5	5856.442	44.12	34.01	5.75	-29.60	54.28	110.50	56.22	PK	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 AC40 TX 5795MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

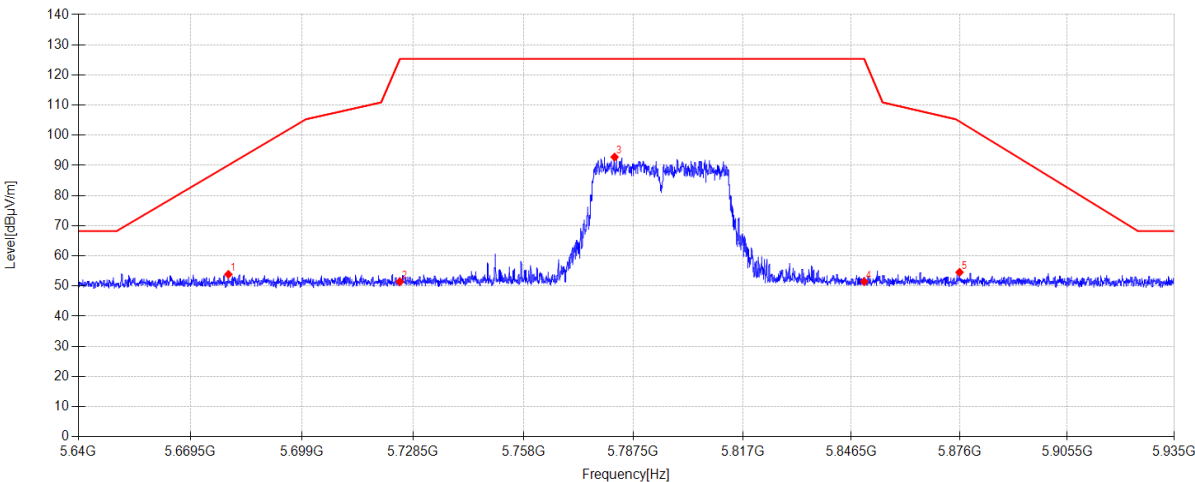
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Memo:

Sample Number:S24122405-001 Power Setting: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	5679.501	44.32	33.52	5.63	-29.60	53.87	90.09	36.22	PK	Horizontal
2	5725.000	41.62	33.75	5.66	-29.60	51.43	125.30	73.87	PK	Horizontal
3	5782.456	82.59	34.09	5.70	-29.60	92.78	125.30	32.52	PK	Horizontal
4	5850.000	41.31	34.00	5.74	-29.60	51.45	125.30	73.85	PK	Horizontal
5	5876.000	44.36	34.05	5.76	-29.60	54.57	104.56	49.99	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 AC40 TX 5795MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

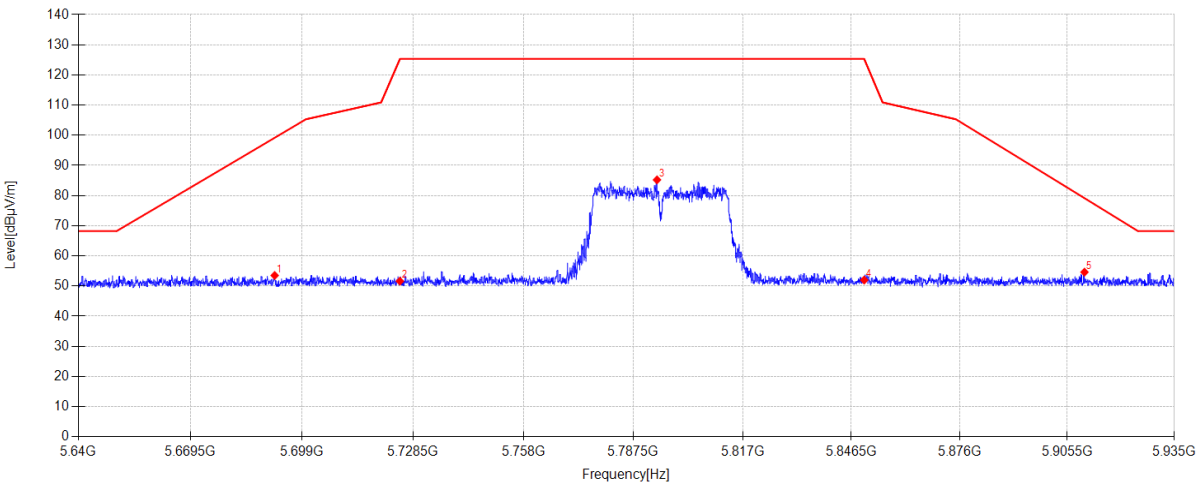
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Memo:

Sample Number:S24122405-001 Power Setting: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	5691.743	43.89	33.57	5.64	-29.60	53.50	99.17	45.67	PK	Vertical
2	5725.000	41.81	33.75	5.66	-29.60	51.62	125.30	73.68	PK	Vertical
3	5793.872	74.96	34.16	5.70	-29.60	85.22	125.30	40.08	PK	Vertical
4	5850.000	41.84	34.00	5.74	-29.60	51.98	125.30	73.32	PK	Vertical
5	5910.250	44.31	34.12	5.78	-29.60	54.61	79.14	24.53	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 AC40 TX 5795MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

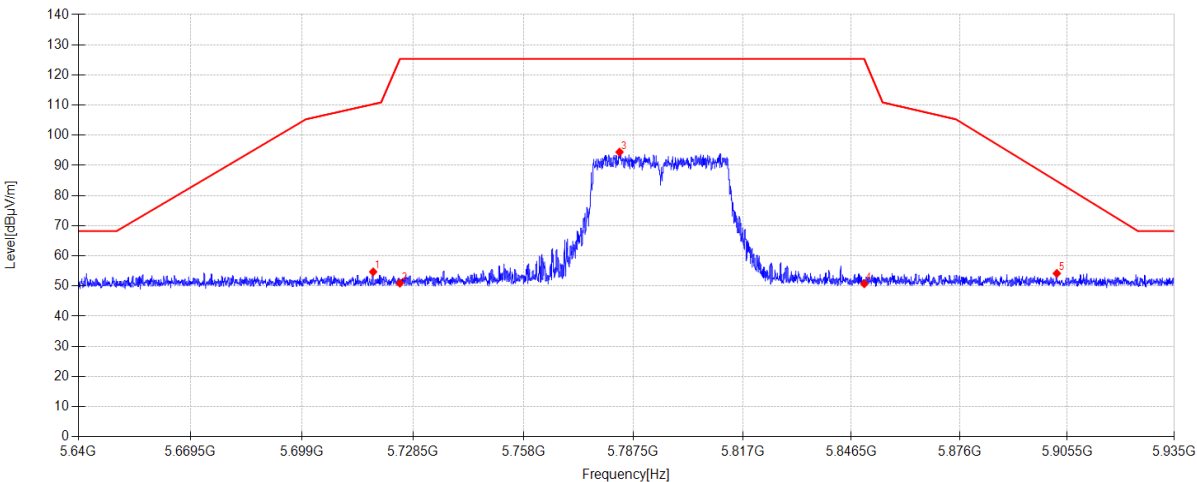
File Path:

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Memo:

Sample Number:S24122405-001 Power Setting:12

Test Graph



Data List										
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	5717.880	44.95	33.71	5.65	-29.60	54.71	110.31	55.60	PK	Horizontal
2	5725.000	41.12	33.75	5.66	-29.60	50.93	125.30	74.37	PK	Horizontal
3	5783.783	84.23	34.10	5.70	-29.60	94.43	125.30	30.87	PK	Horizontal
4	5850.000	40.61	34.00	5.74	-29.60	50.75	125.30	74.55	PK	Horizontal
5	5902.639	43.89	34.11	5.78	-29.60	54.18	84.79	30.61	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 AC40 TX 5795MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

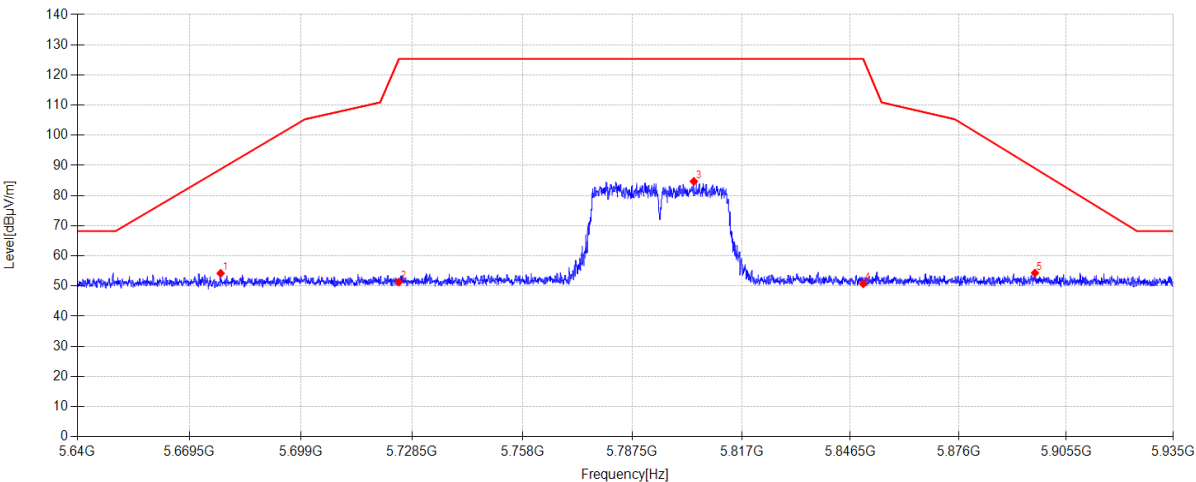
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\56

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	5677.731	44.68	33.51	5.63	-29.60	54.22	88.78	34.56	PK	Vertical
2	5725.000	41.52	33.75	5.66	-29.60	51.33	125.30	73.97	PK	Vertical
3	5804.079	74.43	34.18	5.71	-29.60	84.72	125.30	40.58	PK	Vertical
4	5850.000	40.60	34.00	5.74	-29.60	50.74	125.30	74.56	PK	Vertical
5	5896.916	44.07	34.09	5.77	-29.60	54.33	89.04	34.71	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 AC40 TX 5755MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

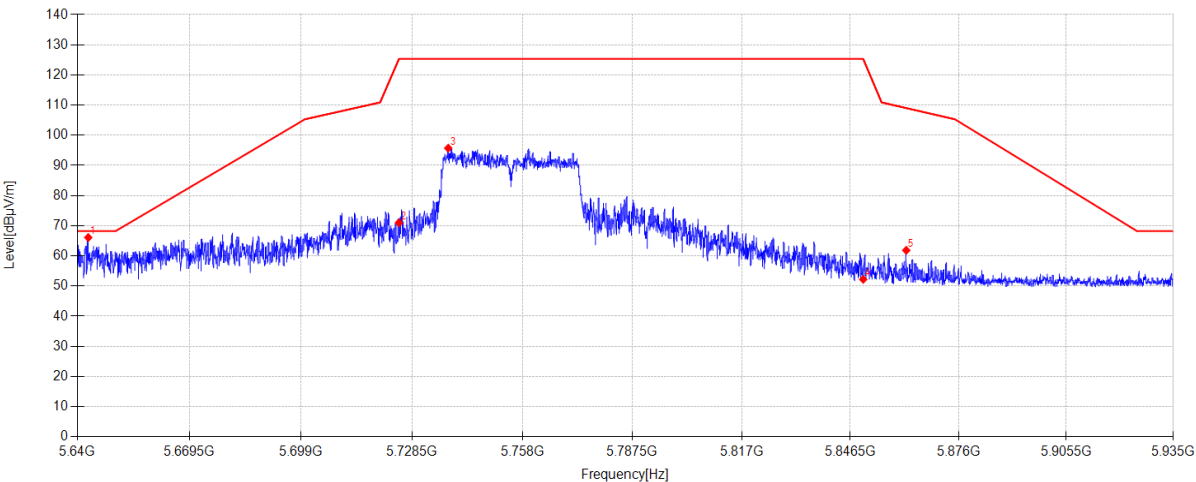
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\57

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	5642.862	56.70	33.39	5.60	-29.60	66.09	68.20	2.11	PK	Horizontal
2	5725.000	61.17	33.75	5.66	-29.60	70.98	125.30	54.32	PK	Horizontal
3	5738.147	85.83	33.83	5.67	-29.60	95.73	125.30	29.57	PK	Horizontal
4	5850.000	42.08	34.00	5.74	-29.60	52.22	125.30	73.08	PK	Horizontal
5	5861.722	51.68	34.02	5.75	-29.60	61.85	109.02	47.17	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 AC40 TX 5755MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

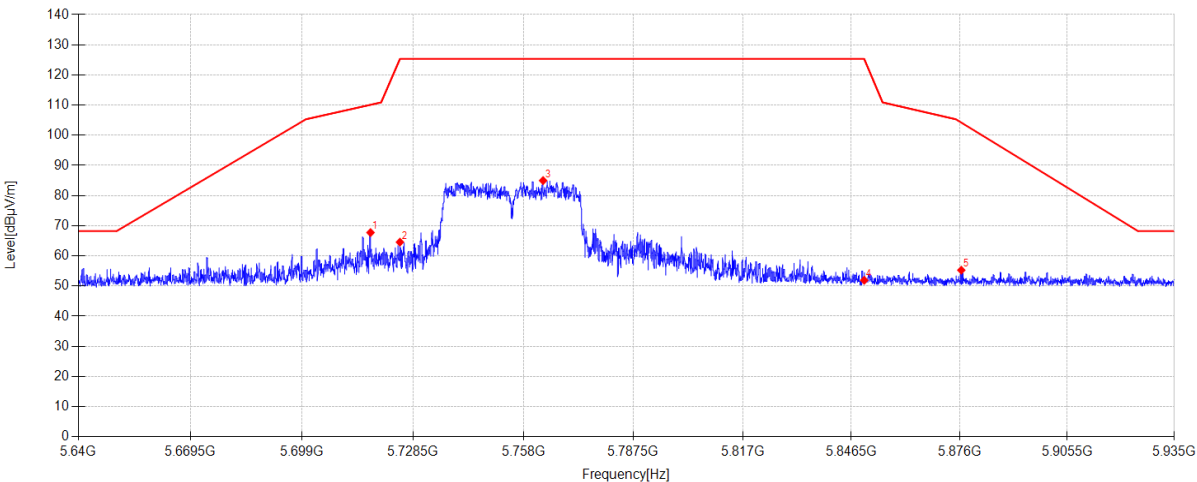
File Path:

d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\58

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	5717.172	57.99	33.70	5.65	-29.60	67.74	110.11	42.37	PK	Vertical
2	5725.000	54.75	33.75	5.66	-29.60	64.56	125.30	60.74	PK	Vertical
3	5763.251	74.91	33.98	5.68	-29.60	84.97	125.30	40.33	PK	Vertical
4	5850.000	41.77	34.00	5.74	-29.60	51.91	125.30	73.39	PK	Vertical
5	5876.472	45.06	34.05	5.76	-29.60	55.27	104.21	48.94	PK	Vertical

Note:

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

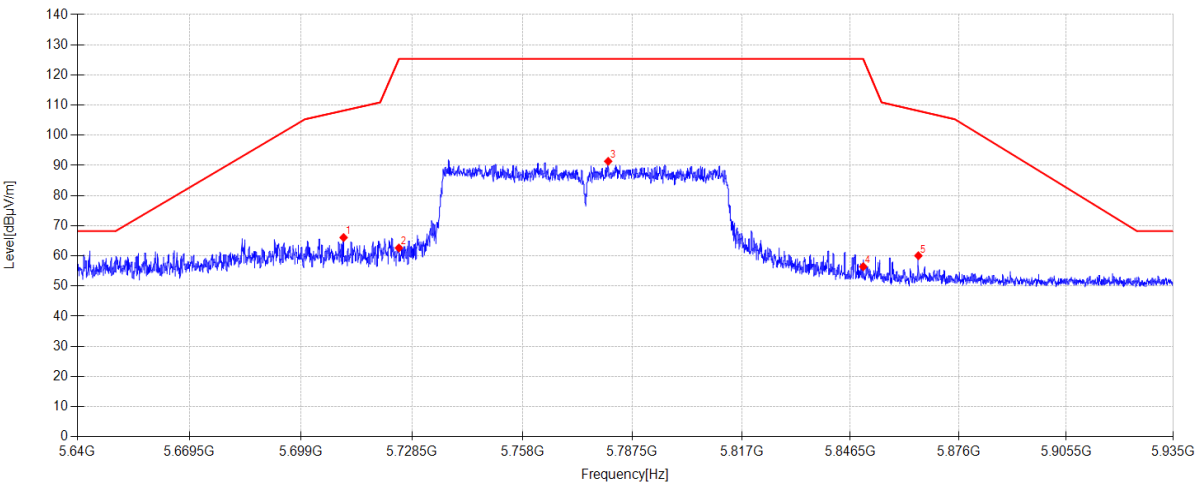
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-20 Tested By: Zhong Nan
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03
Test Mode: ANT1 AC80 TX 5775MHz 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\59
Memo: Sample Number:S24122405-001 Power Setting:12

Test Graph



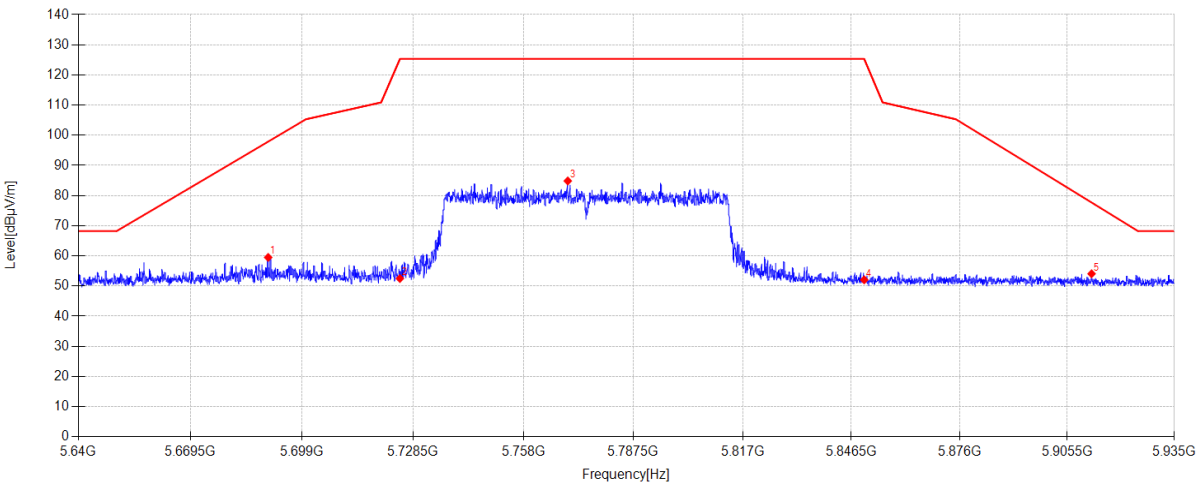
Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5710.299	56.37	33.66	5.65	-29.60	66.08	108.18	42.10	PK	Horizontal
2	5725.000	52.81	33.75	5.66	-29.60	62.62	125.30	62.68	PK	Horizontal
3	5781.010	81.18	34.09	5.70	-29.60	91.37	125.30	33.93	PK	Horizontal
4	5850.000	46.28	34.00	5.74	-29.60	56.42	125.30	68.88	PK	Horizontal
5	5865.026	49.87	34.03	5.75	-29.60	60.05	108.09	48.04	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-20 Tested By: Zhong Nan
EUT: In-vehicle Multimedia Host Model Number: MTCJ06-A03
Test Mode: ANT1 AC80 TX 5775MHz 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\60
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	5690.032	49.89	33.56	5.64	-29.60	59.49	97.90	38.41	PK	Vertical
2	5725.000	42.68	33.75	5.66	-29.60	52.49	125.30	72.81	PK	Vertical
3	5769.889	74.74	34.02	5.69	-29.60	84.85	125.30	40.45	PK	Vertical
4	5850.000	41.91	34.00	5.74	-29.60	52.05	125.30	73.25	PK	Vertical
5	5912.197	43.77	34.12	5.78	-29.60	54.07	77.70	23.63	PK	Vertical

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

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 AC80 TX 5775MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

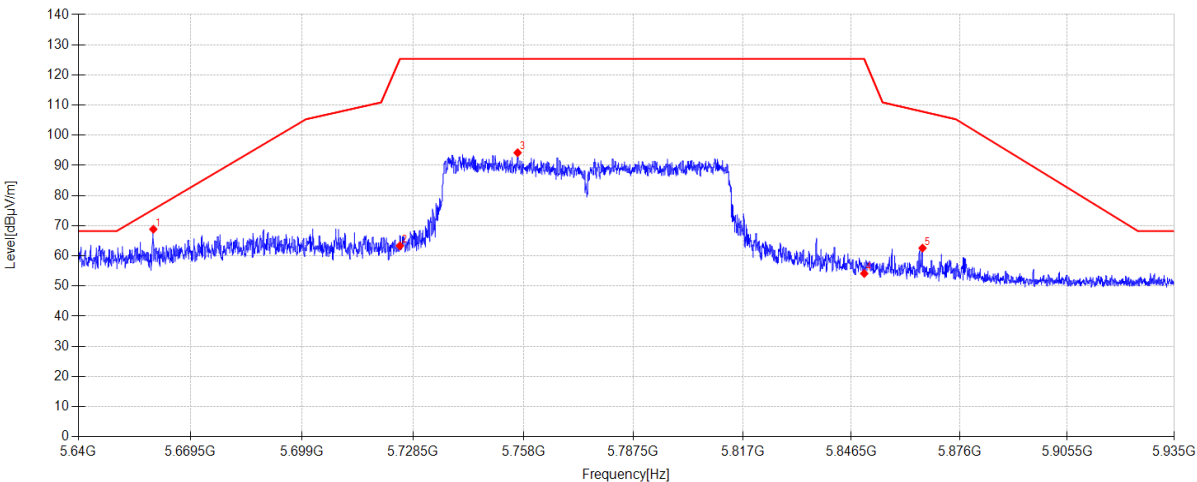
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\61

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	5659.706	59.38	33.44	5.62	-29.60	68.84	75.40	6.56	PK	Horizontal
2	5725.000	53.51	33.75	5.66	-29.60	63.32	125.30	61.98	PK	Horizontal
3	5756.437	84.19	33.94	5.68	-29.60	94.21	125.30	31.09	PK	Horizontal
4	5850.000	44.02	34.00	5.74	-29.60	54.16	125.30	71.14	PK	Horizontal
5	5865.882	52.39	34.03	5.75	-29.60	62.57	107.85	45.28	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 AC80 TX 5775MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

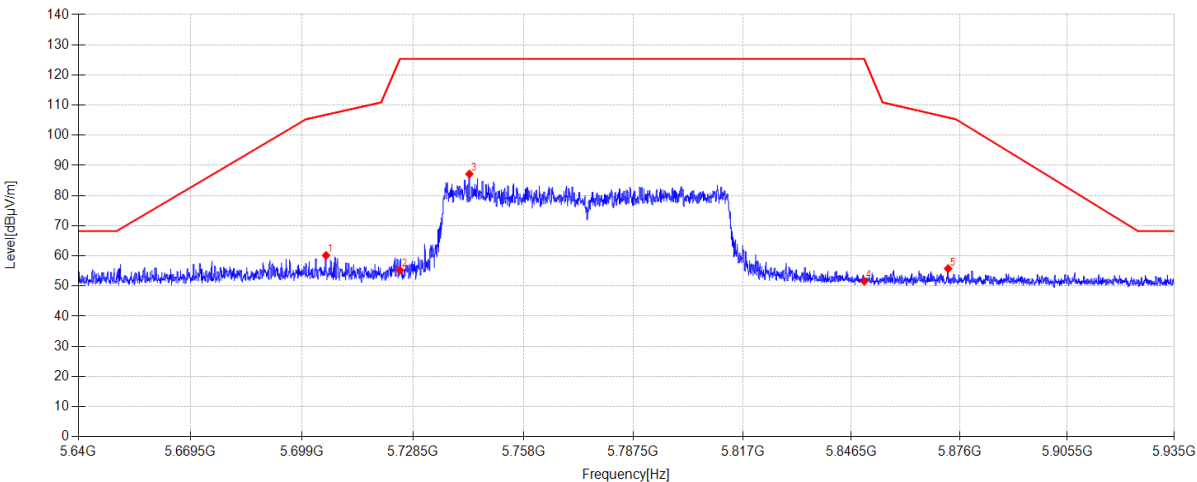
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Memo:

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	5705.372	50.47	33.63	5.65	-29.60	60.15	106.80	46.65	PK	Vertical
2	5725.000	45.47	33.75	5.66	-29.60	55.28	125.30	70.02	PK	Vertical
3	5743.545	77.21	33.86	5.67	-29.60	87.14	125.30	38.16	PK	Vertical
4	5850.000	41.46	34.00	5.74	-29.60	51.60	125.30	73.70	PK	Vertical
5	5872.873	45.57	34.05	5.76	-29.60	55.78	105.90	50.12	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 AX20 TX 5745MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

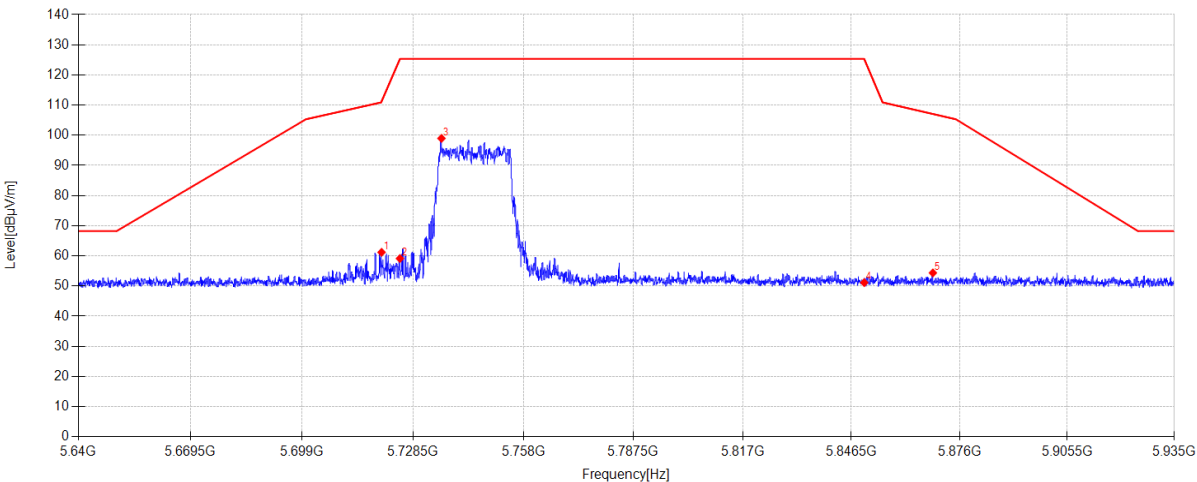
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\63

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	5720.122	51.41	33.72	5.66	-29.60	61.19	111.25	50.06	PK	Horizontal
2	5725.000	49.32	33.75	5.66	-29.60	59.13	125.30	66.17	PK	Horizontal
3	5736.082	89.07	33.82	5.67	-29.60	98.96	125.30	26.34	PK	Horizontal
4	5850.000	41.00	34.00	5.74	-29.60	51.14	125.30	74.16	PK	Horizontal
5	5868.714	44.17	34.04	5.75	-29.60	54.36	107.06	52.70	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 AX20 TX 5745MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

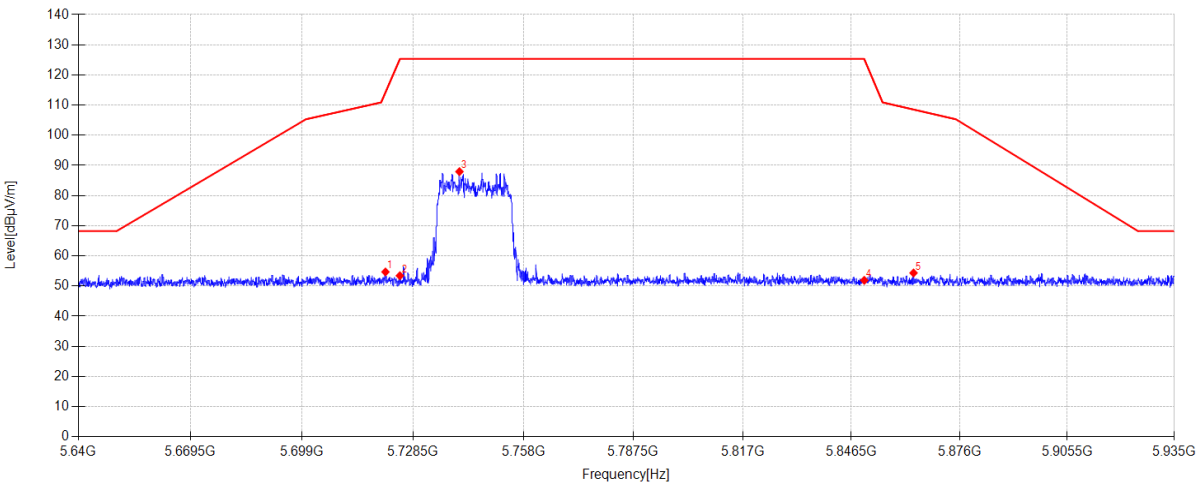
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Memo:

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	5721.155	44.89	33.73	5.66	-29.60	54.68	114.22	59.54	PK	Vertical
2	5725.000	43.61	33.75	5.66	-29.60	53.42	125.30	71.88	PK	Vertical
3	5740.890	78.02	33.85	5.67	-29.60	87.94	125.30	37.36	PK	Vertical
4	5850.000	41.75	34.00	5.74	-29.60	51.89	125.30	73.41	PK	Vertical
5	5863.433	44.15	34.03	5.75	-29.60	54.33	108.54	54.21	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 AX20 TX 5785MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

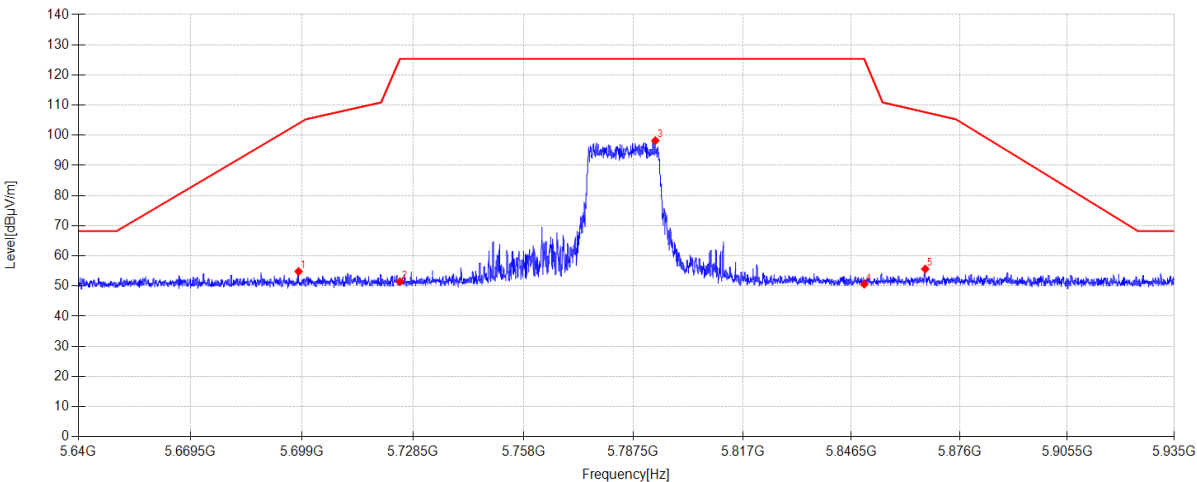
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\65

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	5698.086	45.18	33.59	5.64	-29.60	54.81	103.88	49.07	PK	Horizontal
2	5725.000	41.64	33.75	5.66	-29.60	51.45	125.30	73.85	PK	Horizontal
3	5793.430	87.95	34.16	5.70	-29.60	98.21	125.30	27.09	PK	Horizontal
4	5850.000	40.48	34.00	5.74	-29.60	50.62	125.30	74.68	PK	Horizontal
5	5866.619	45.46	34.03	5.75	-29.60	55.64	107.65	52.01	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 AX20 TX 5785MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

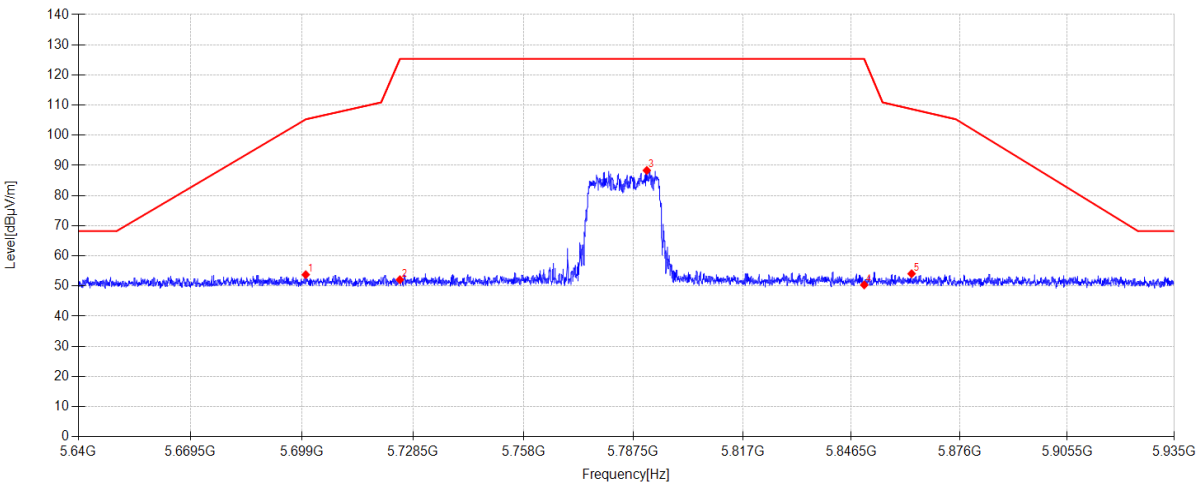
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Memo:

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	5699.974	44.13	33.60	5.64	-29.60	53.77	105.28	51.51	PK	Vertical
2	5725.000	42.29	33.75	5.66	-29.60	52.10	125.30	73.20	PK	Vertical
3	5791.129	78.08	34.15	5.70	-29.60	88.33	125.30	36.97	PK	Vertical
4	5850.000	40.23	34.00	5.74	-29.60	50.37	125.30	74.93	PK	Vertical
5	5862.902	43.90	34.03	5.75	-29.60	54.08	108.69	54.61	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 AX20 TX 5825MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

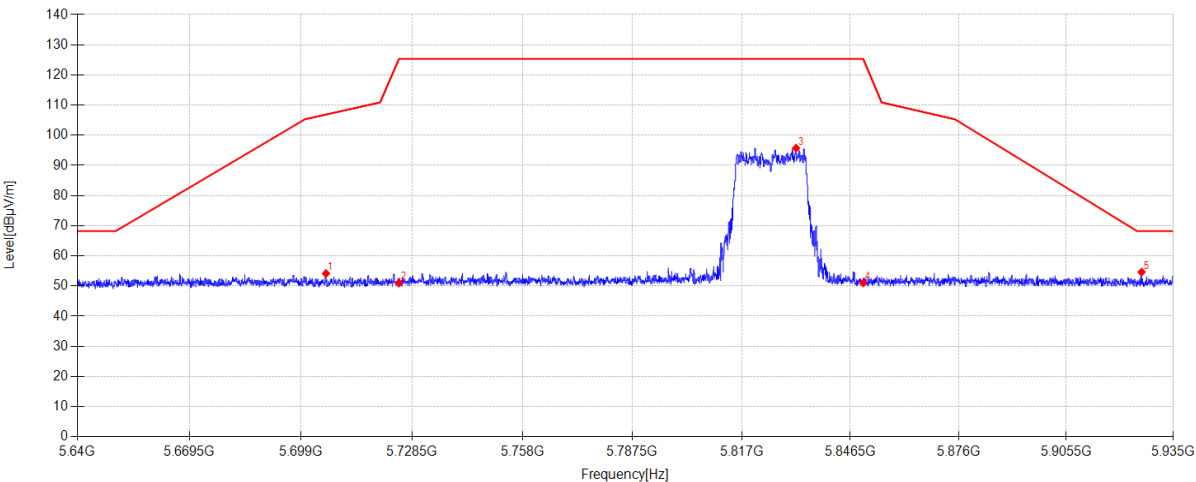
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Memo:

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	5705.608	44.48	33.63	5.65	-29.60	54.16	106.87	52.71	PK	Horizontal
2	5725.000	41.16	33.75	5.66	-29.60	50.97	125.30	74.33	PK	Horizontal
3	5831.750	85.53	34.07	5.73	-29.60	95.73	125.30	29.57	PK	Horizontal
4	5850.000	40.91	34.00	5.74	-29.60	51.05	125.30	74.25	PK	Horizontal
5	5926.239	44.29	34.15	5.79	-29.60	54.63	68.20	13.57	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 AX20 TX 5825MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

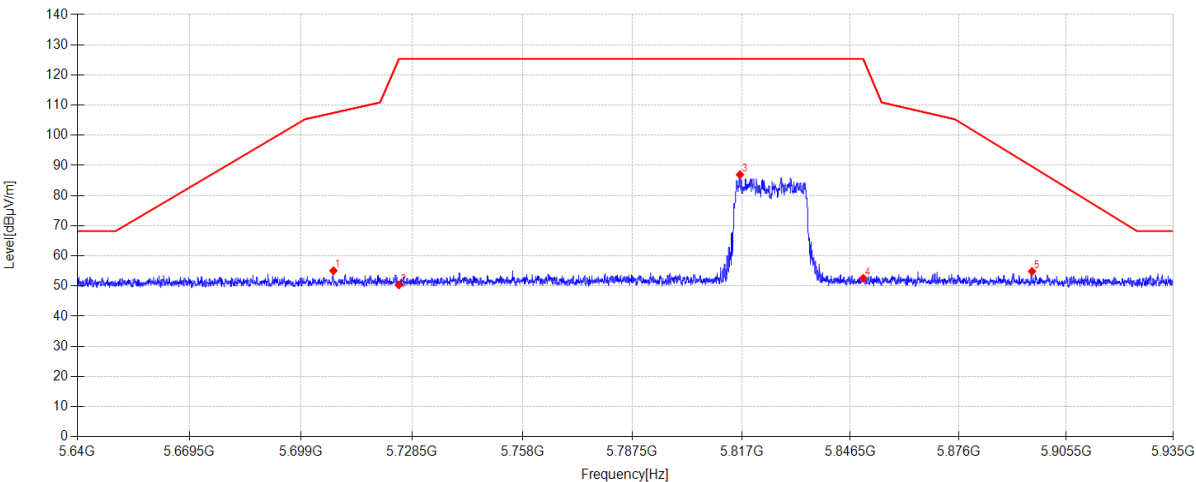
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Memo:

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	5707.585	45.36	33.65	5.65	-29.60	55.06	107.42	52.36	PK	Vertical
2	5725.000	40.54	33.75	5.66	-29.60	50.35	125.30	74.95	PK	Vertical
3	5816.558	76.69	34.13	5.72	-29.60	86.94	125.30	38.36	PK	Vertical
4	5850.000	42.44	34.00	5.74	-29.60	52.58	125.30	72.72	PK	Vertical
5	5896.119	44.60	34.09	5.77	-29.60	54.86	89.63	34.77	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 AX20 TX 5825MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

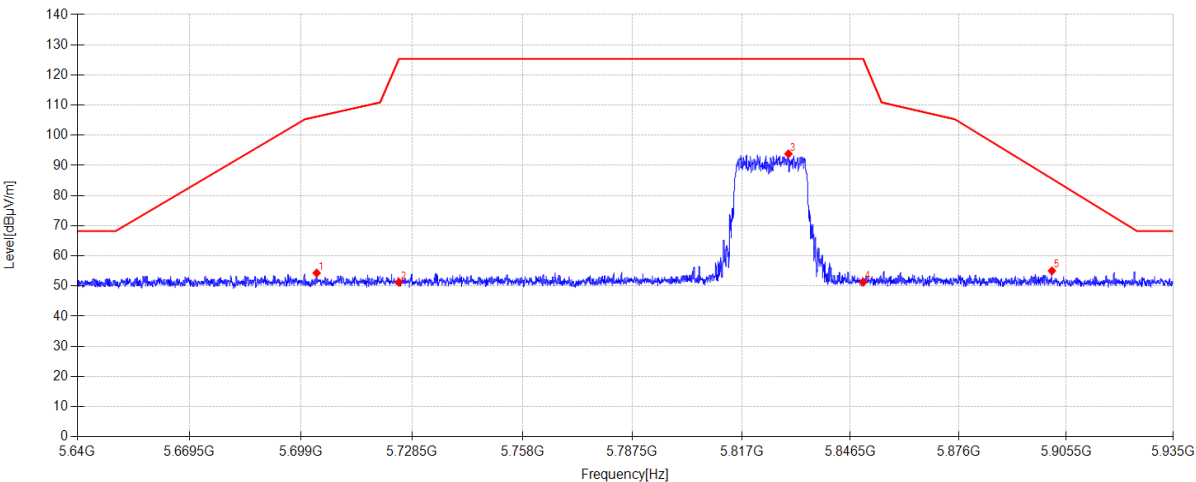
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Memo:

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	5703.130	44.64	33.62	5.64	-29.60	54.30	106.18	51.88	PK	Horizontal
2	5725.000	41.43	33.75	5.66	-29.60	51.24	125.30	74.06	PK	Horizontal
3	5829.685	83.63	34.08	5.73	-29.60	93.84	125.30	31.46	PK	Horizontal
4	5850.000	41.13	34.00	5.74	-29.60	51.27	125.30	74.03	PK	Horizontal
5	5901.577	44.75	34.10	5.78	-29.60	55.03	85.58	30.55	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT1 AX20 TX 5825MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

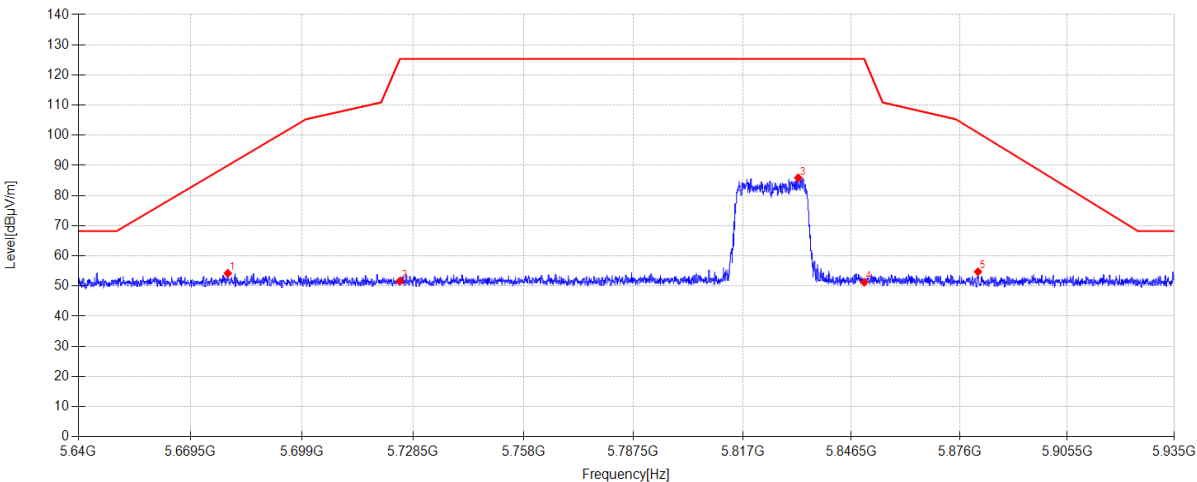
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Memo:

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	5679.353	44.66	33.52	5.63	-29.60	54.21	89.98	35.77	PK	Vertical
2	5725.000	41.80	33.75	5.66	-29.60	51.61	125.30	73.69	PK	Vertical
3	5832.075	75.70	34.07	5.73	-29.60	85.90	125.30	39.40	PK	Vertical
4	5850.000	41.11	34.00	5.74	-29.60	51.25	125.30	74.05	PK	Vertical
5	5881.045	44.50	34.06	5.76	-29.60	54.72	100.81	46.09	PK	Vertical

Note:

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

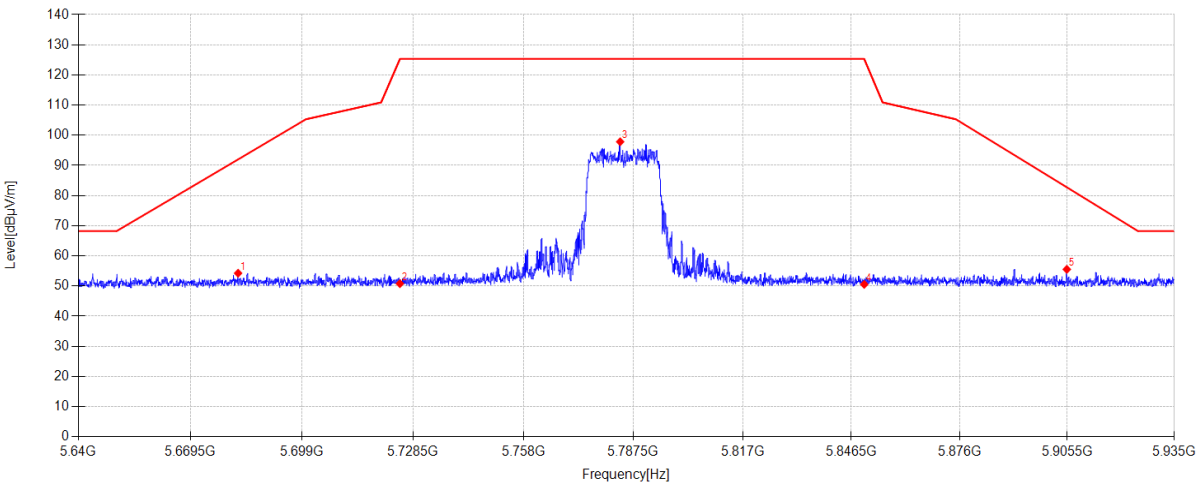
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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 AX20 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\71
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	5682.067	44.70	33.53	5.63	-29.60	54.26	91.99	37.73	PK	Horizontal
2	5725.000	40.98	33.75	5.66	-29.60	50.79	125.30	74.51	PK	Horizontal
3	5783.960	87.65	34.10	5.70	-29.60	97.85	125.30	27.45	PK	Horizontal
4	5850.000	40.41	34.00	5.74	-29.60	50.55	125.30	74.75	PK	Horizontal
5	5905.382	45.24	34.11	5.78	-29.60	55.53	82.76	27.23	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 AX20 TX 5785MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

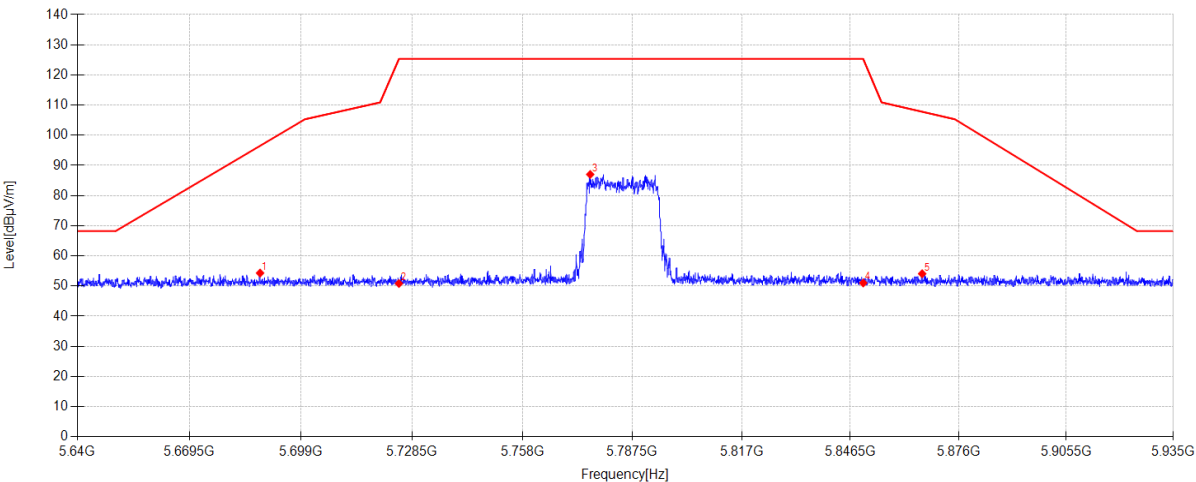
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\72

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	5688.144	44.73	33.55	5.63	-29.60	54.31	96.50	42.19	PK	Vertical
2	5725.000	41.03	33.75	5.66	-29.60	50.84	125.30	74.46	PK	Vertical
3	5776.172	76.86	34.06	5.69	-29.60	87.01	125.30	38.29	PK	Vertical
4	5850.000	40.87	34.00	5.74	-29.60	51.01	125.30	74.29	PK	Vertical
5	5866.059	43.90	34.03	5.75	-29.60	54.08	107.80	53.72	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 AX20 TX 5745MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

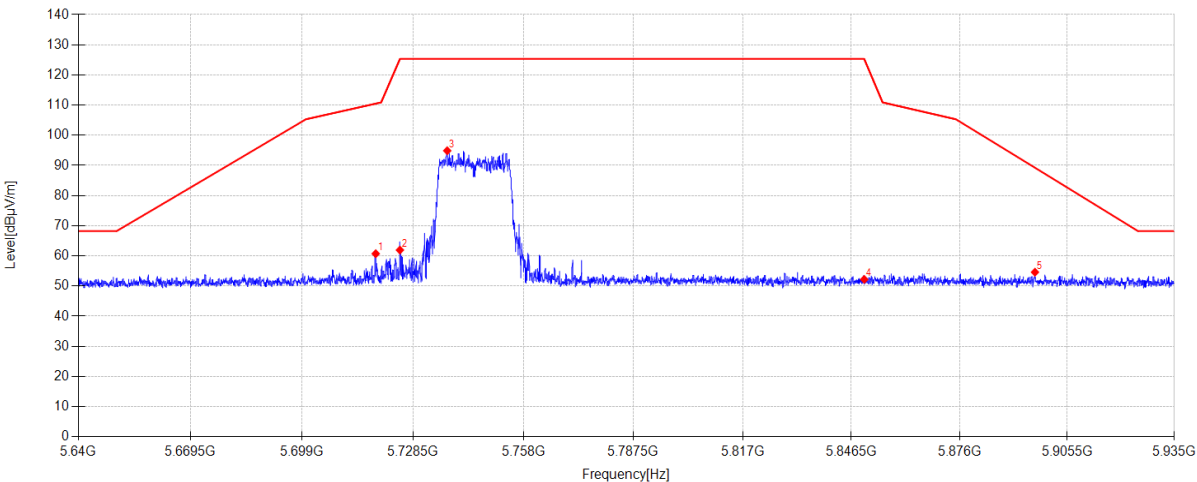
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Memo:

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	5718.559	50.95	33.71	5.65	-29.60	60.71	110.50	49.79	PK	Horizontal
2	5725.000	52.12	33.75	5.66	-29.60	61.93	125.30	63.37	PK	Horizontal
3	5737.616	84.97	33.83	5.67	-29.60	94.87	125.30	30.43	PK	Horizontal
4	5850.000	42.06	34.00	5.74	-29.60	52.20	125.30	73.10	PK	Horizontal
5	5896.650	44.33	34.09	5.77	-29.60	54.59	89.24	34.65	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:

ANT1 AX20 TX 5745MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

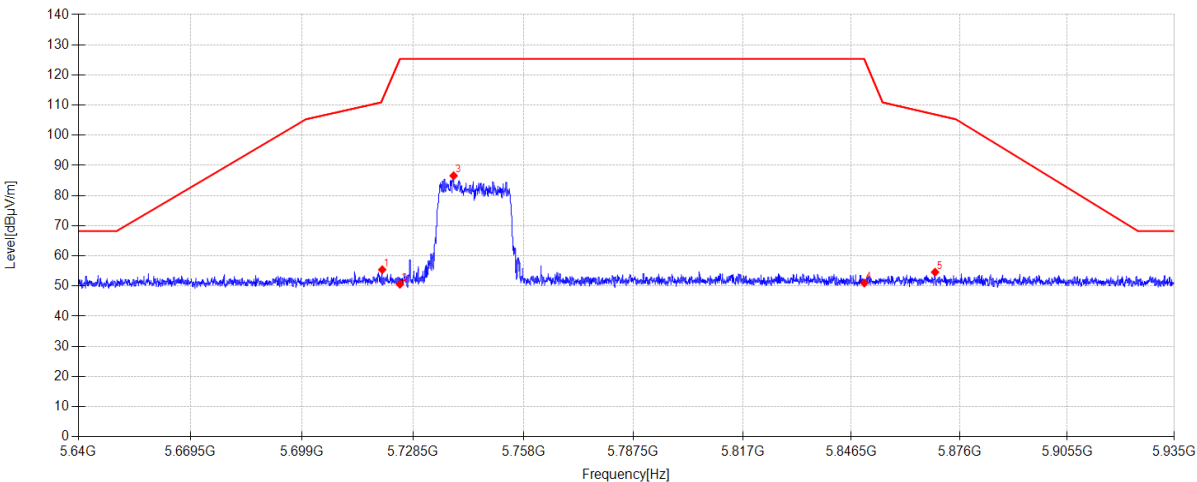
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Memo:

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	5720.299	45.64	33.72	5.66	-29.60	55.42	111.76	56.34	PK	Vertical
2	5725.000	40.77	33.75	5.66	-29.60	50.58	125.30	74.72	PK	Vertical
3	5739.327	76.66	33.84	5.67	-29.60	86.57	125.30	38.73	PK	Vertical
4	5850.000	40.85	34.00	5.74	-29.60	50.99	125.30	74.31	PK	Vertical
5	5869.304	44.40	34.04	5.75	-29.60	54.59	106.90	52.31	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 AX40 TX 5755MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

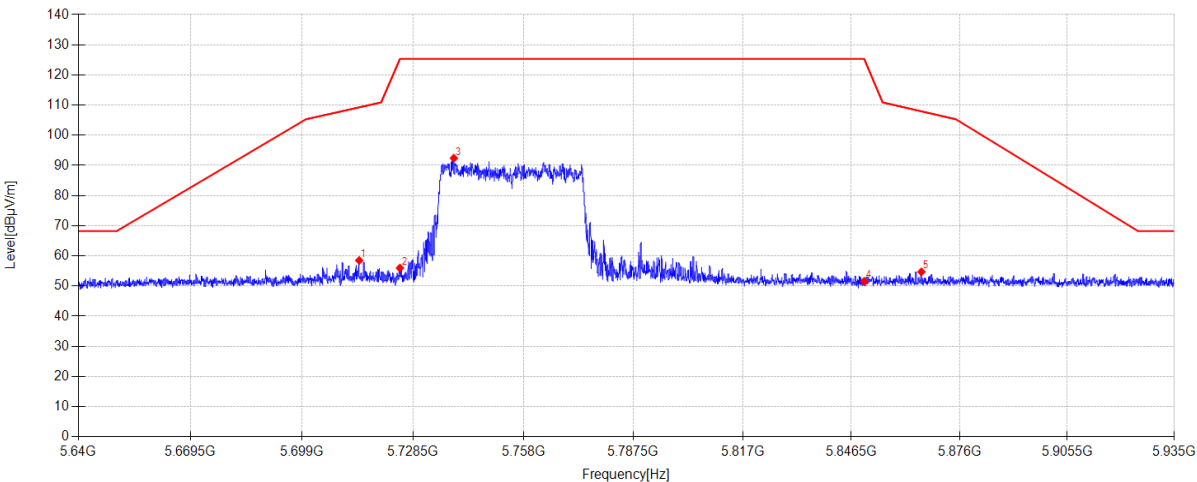
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Memo:

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	5714.163	48.75	33.68	5.65	-29.60	58.48	109.27	50.79	PK	Horizontal
2	5725.000	46.16	33.75	5.66	-29.60	55.97	125.30	69.33	PK	Horizontal
3	5739.386	82.50	33.84	5.67	-29.60	92.41	125.30	32.89	PK	Horizontal
4	5850.000	41.42	34.00	5.74	-29.60	51.56	125.30	73.74	PK	Horizontal
5	5865.587	44.52	34.03	5.75	-29.60	54.70	107.94	53.24	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 AX40 TX 5755MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

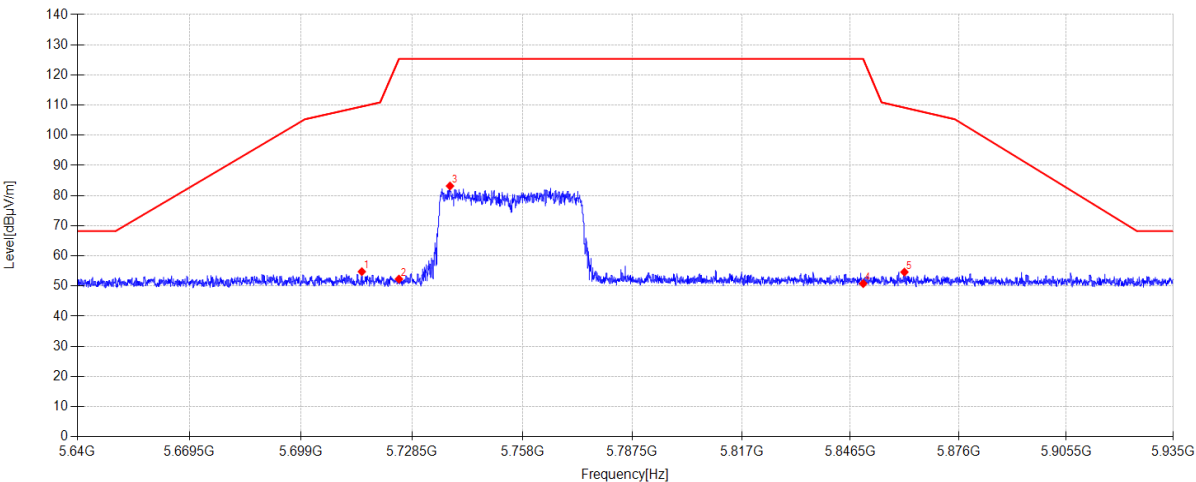
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Memo:

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	5715.137	45.03	33.69	5.65	-29.60	54.77	109.54	54.77	PK	Vertical
2	5725.000	42.49	33.75	5.66	-29.60	52.30	125.30	73.00	PK	Vertical
3	5738.619	73.28	33.83	5.67	-29.60	83.18	125.30	42.12	PK	Vertical
4	5850.000	40.67	34.00	5.74	-29.60	50.81	125.30	74.49	PK	Vertical
5	5861.221	44.45	34.02	5.75	-29.60	54.62	109.16	54.54	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 AX40 TX 5795MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

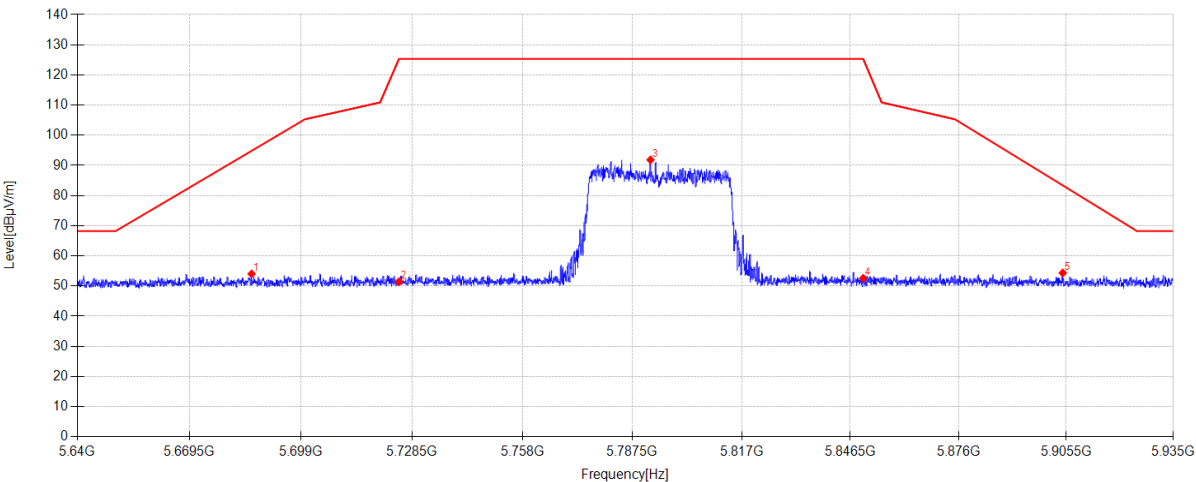
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Memo:

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	5685.902	44.46	33.54	5.63	-29.60	54.03	94.84	40.81	PK	Horizontal
2	5725.000	41.60	33.75	5.66	-29.60	51.41	125.30	73.89	PK	Horizontal
3	5792.397	81.59	34.15	5.70	-29.60	91.84	125.30	33.46	PK	Horizontal
4	5850.000	42.43	34.00	5.74	-29.60	52.57	125.30	72.73	PK	Horizontal
5	5904.556	44.05	34.11	5.78	-29.60	54.34	83.37	29.03	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 AX40 TX 5795MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

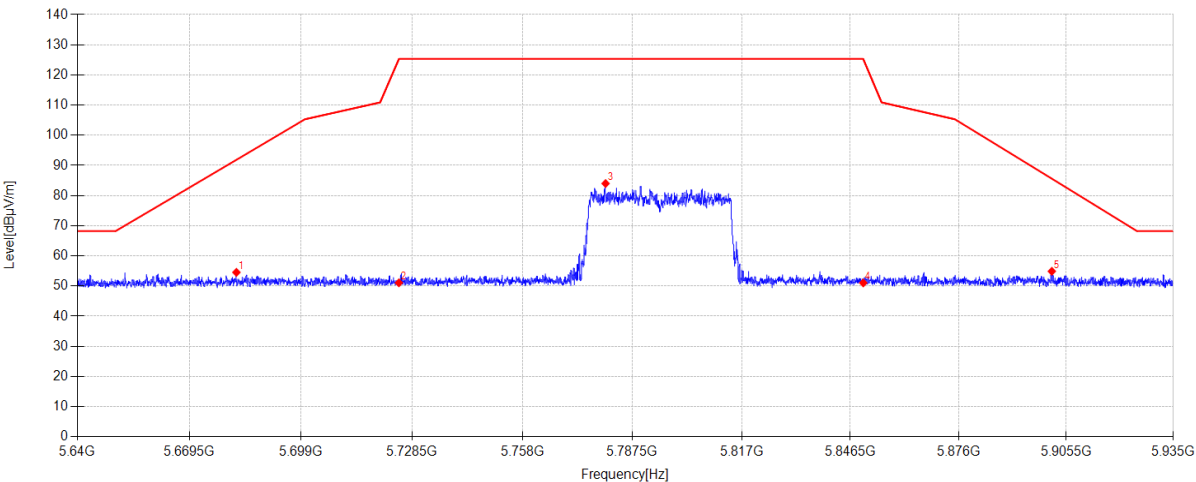
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Memo:

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	5681.890	44.97	33.53	5.63	-29.60	54.53	91.86	37.33	PK	Vertical
2	5725.000	41.25	33.75	5.66	-29.60	51.06	125.30	74.24	PK	Vertical
3	5780.302	73.82	34.08	5.69	-29.60	83.99	125.30	41.31	PK	Vertical
4	5850.000	40.90	34.00	5.74	-29.60	51.04	125.30	74.26	PK	Vertical
5	5901.547	44.60	34.10	5.78	-29.60	54.88	85.60	30.72	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 AX40 TX 5795MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

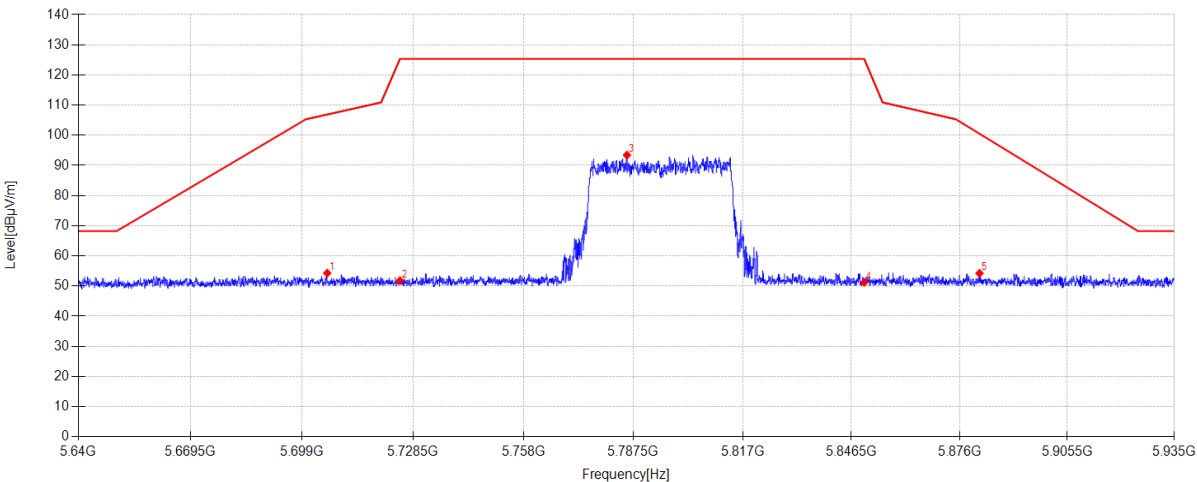
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Memo:

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	5705.667	44.60	33.63	5.65	-29.60	54.28	106.89	52.61	PK	Horizontal
2	5725.000	41.96	33.75	5.66	-29.60	51.77	125.30	73.53	PK	Horizontal
3	5785.789	83.22	34.11	5.70	-29.60	93.43	125.30	31.87	PK	Horizontal
4	5850.000	41.07	34.00	5.74	-29.60	51.21	125.30	74.09	PK	Horizontal
5	5881.458	44.01	34.06	5.76	-29.60	54.23	100.51	46.28	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 AX40 TX 5795MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

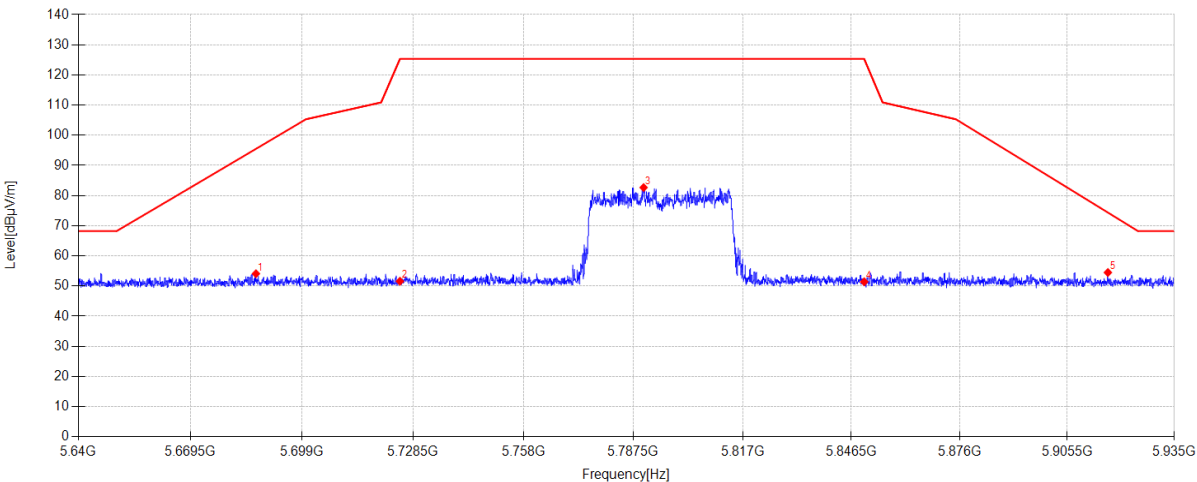
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Memo:

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	5686.787	44.50	33.55	5.63	-29.60	54.08	95.50	41.42	PK	Vertical
2	5725.000	41.78	33.75	5.66	-29.60	51.59	125.30	73.71	PK	Vertical
3	5790.273	72.42	34.14	5.70	-29.60	82.66	125.30	42.64	PK	Vertical
4	5850.000	41.27	34.00	5.74	-29.60	51.41	125.30	73.89	PK	Vertical
5	5916.681	44.16	34.13	5.79	-29.60	54.48	74.37	19.89	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 AX40 TX 5755MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

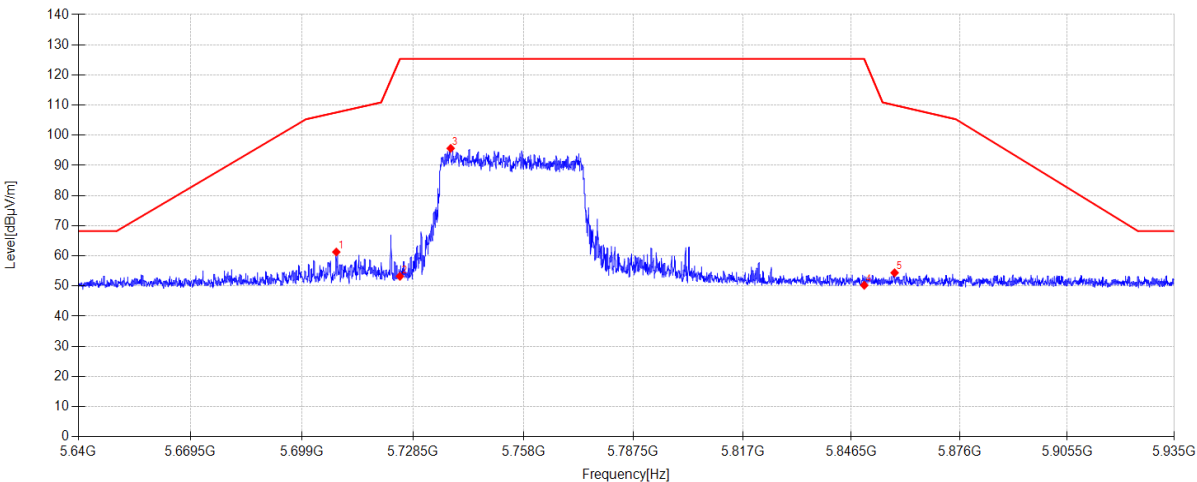
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Memo:

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	5708.086	51.59	33.65	5.65	-29.60	61.29	107.56	46.27	PK	Horizontal
2	5725.000	43.41	33.75	5.66	-29.60	53.22	125.30	72.08	PK	Horizontal
3	5738.530	85.75	33.83	5.67	-29.60	95.65	125.30	29.65	PK	Horizontal
4	5850.000	40.12	34.00	5.74	-29.60	50.26	125.30	75.04	PK	Horizontal
5	5858.271	44.22	34.02	5.75	-29.60	54.39	109.98	55.59	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 AX40 TX 5755MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

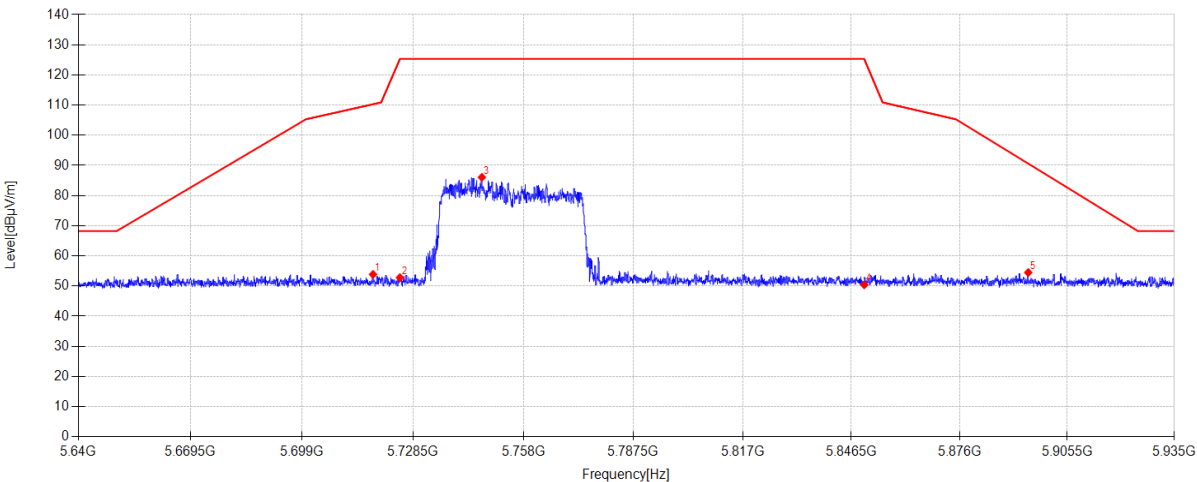
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Memo:

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	5717.851	44.10	33.71	5.65	-29.60	53.86	110.30	56.44	PK	Vertical
2	5725.000	42.97	33.75	5.66	-29.60	52.78	125.30	72.52	PK	Vertical
3	5746.879	76.12	33.88	5.67	-29.60	86.07	125.30	39.23	PK	Vertical
4	5850.000	40.26	34.00	5.74	-29.60	50.40	125.30	74.90	PK	Vertical
5	5894.792	44.22	34.09	5.77	-29.60	54.48	90.61	36.13	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:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 AX80 TX 5775MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

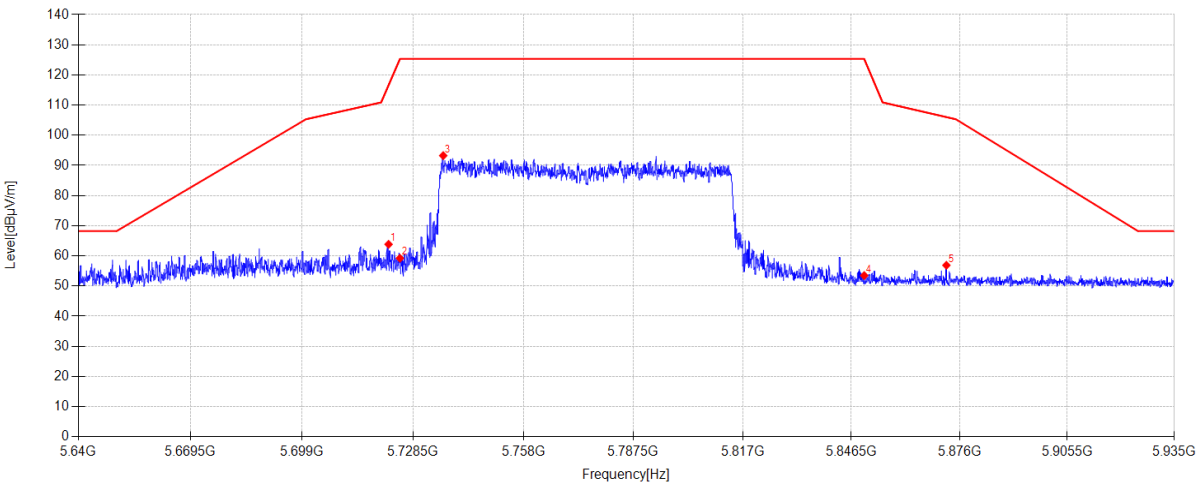
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d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G MASK\83

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	5721.981	54.05	33.73	5.66	-29.60	63.84	116.60	52.76	PK	Horizontal
2	5725.000	49.41	33.75	5.66	-29.60	59.22	125.30	66.08	PK	Horizontal
3	5736.554	83.36	33.82	5.67	-29.60	93.25	125.30	32.05	PK	Horizontal
4	5850.000	43.33	34.00	5.74	-29.60	53.47	125.30	71.83	PK	Horizontal
5	5872.401	46.69	34.04	5.76	-29.60	56.89	106.03	49.14	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 AX80 TX 5775MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

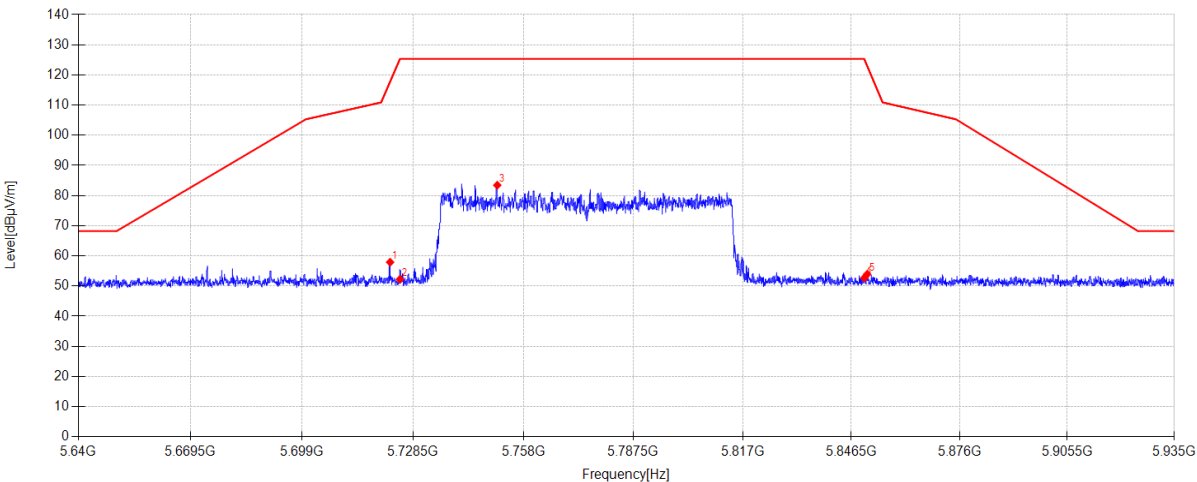
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Memo:

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	5722.394	48.11	33.73	5.66	-29.60	57.90	117.79	59.89	PK	Vertical
2	5725.000	42.42	33.75	5.66	-29.60	52.23	125.30	73.07	PK	Vertical
3	5750.979	73.45	33.91	5.68	-29.60	83.44	125.30	41.86	PK	Vertical
4	5850.000	42.54	34.00	5.74	-29.60	52.68	125.30	72.62	PK	Vertical
5	5850.807	43.78	34.00	5.74	-29.60	53.92	122.98	69.06	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 AX80 TX 5775MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

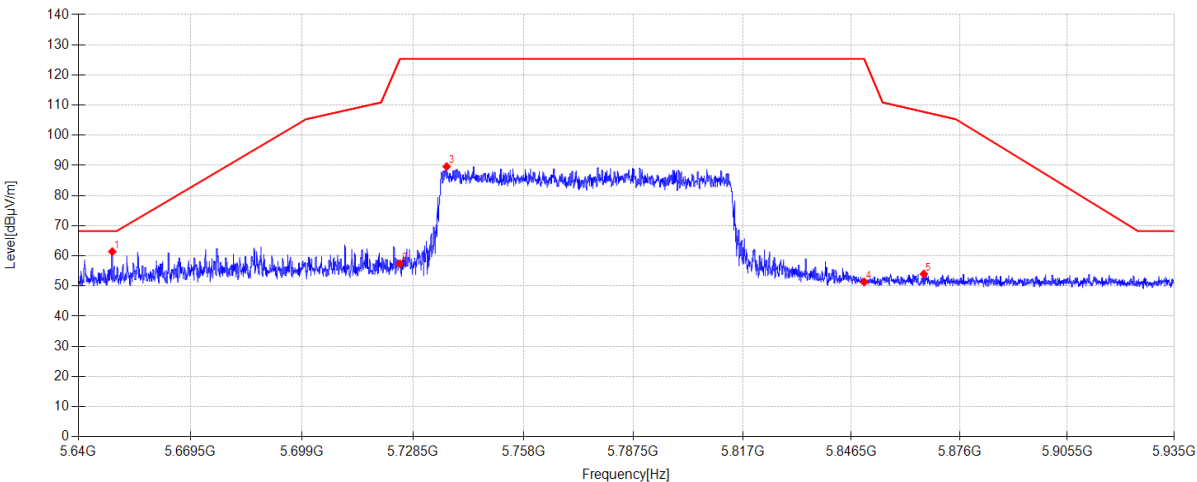
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Memo:

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	5648.909	52.01	33.40	5.61	-29.60	61.42	68.20	6.78	PK	Horizontal
2	5725.000	47.57	33.75	5.66	-29.60	57.38	125.30	67.92	PK	Horizontal
3	5737.468	79.74	33.82	5.67	-29.60	89.63	125.30	35.67	PK	Horizontal
4	5850.000	41.20	34.00	5.74	-29.60	51.34	125.30	73.96	PK	Horizontal
5	5866.236	43.80	34.03	5.75	-29.60	53.98	107.75	53.77	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 AX80 TX 5775MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

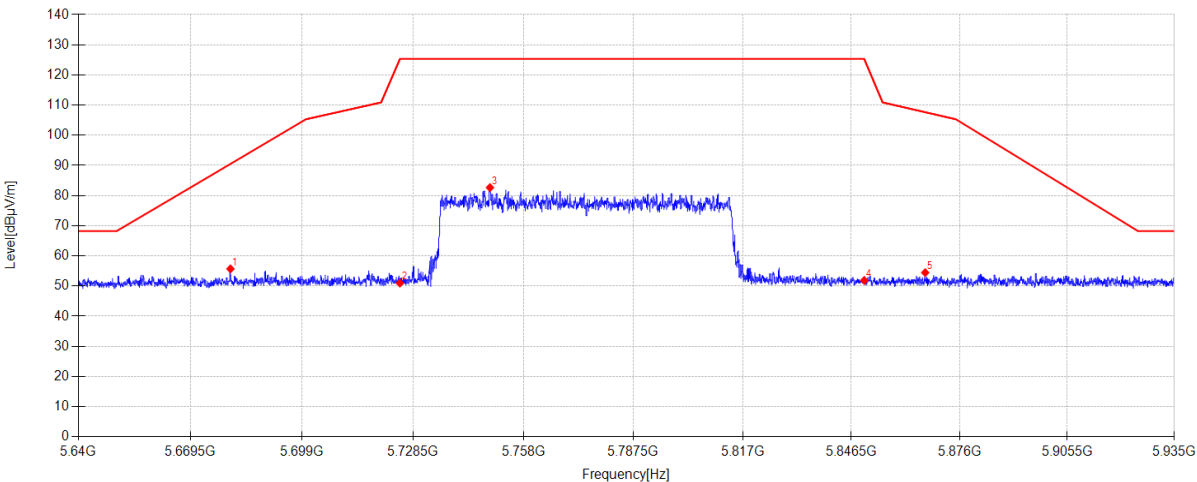
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Memo:

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	5680.061	46.14	33.52	5.63	-29.60	55.69	90.51	34.82	PK	Vertical
2	5725.000	41.16	33.75	5.66	-29.60	50.97	125.30	74.33	PK	Vertical
3	5749.032	72.68	33.89	5.67	-29.60	82.64	125.30	42.66	PK	Vertical
4	5850.000	41.71	34.00	5.74	-29.60	51.85	125.30	73.45	PK	Vertical
5	5866.619	44.26	34.03	5.75	-29.60	54.44	107.65	53.21	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-20

Tested By:

Zhong Nan

EUT:

In-vehicle Multimedia Host

Model Number:

MTCJ06-A03

Test Mode:

ANT2 RU0 AX20 TX 5745MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

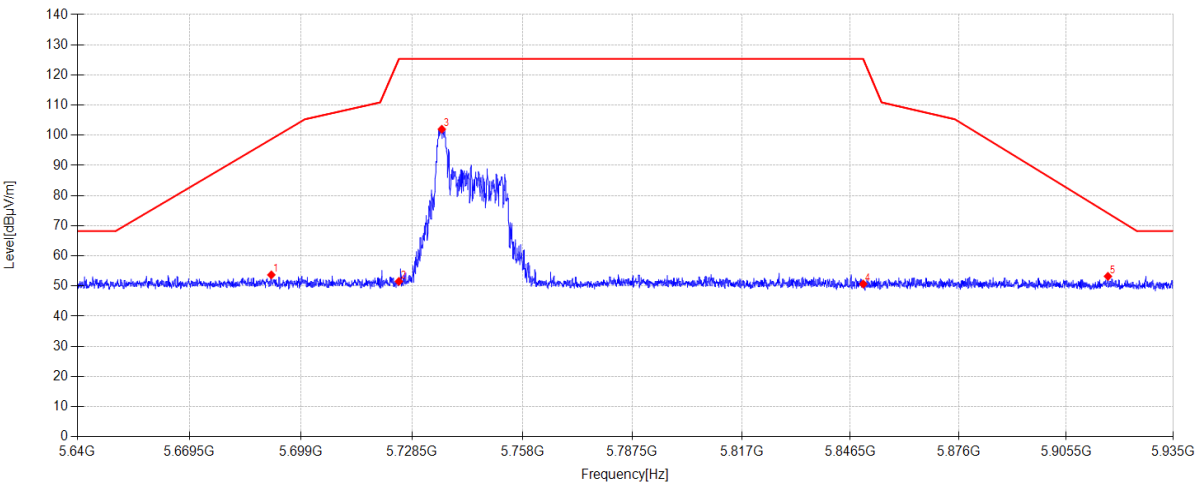
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Memo:

Sample Number:S24122405-001 Power Setting:9

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	5691.124	44.10	33.56	5.64	-29.60	53.70	98.71	45.01	PK	Horizontal
2	5725.000	41.72	33.75	5.66	-29.60	51.53	125.30	73.77	PK	Horizontal
3	5736.436	92.11	33.82	5.67	-29.60	102.00	125.30	23.30	PK	Horizontal
4	5850.000	40.54	34.00	5.74	-29.60	50.68	125.30	74.62	PK	Horizontal
5	5916.976	42.89	34.13	5.79	-29.60	53.21	74.15	20.94	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:2025-01-20Tested By:Zhong Nan

EUT:In-vehicle Multimedia HostModel Number:MTCJ06-A03

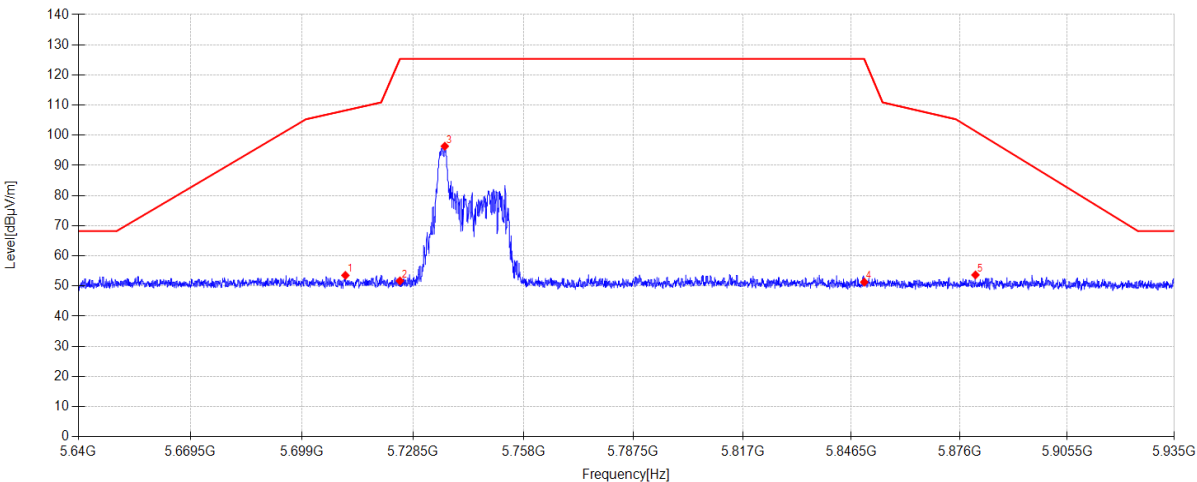
Test Mode:ANT2 RU0 AX20 TX 5745MHz ModePower Supply:DC 12V

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

File Path:d:\ts\2024 report data\Q24122405-5E\FCC ABOVE1G RU\22

Memo:Sample Number:S24122405-001 Power Setting:9

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	5710.505	43.82	33.66	5.65	-29.60	53.53	108.24	54.71	PK	Vertical
2	5725.000	41.90	33.75	5.66	-29.60	51.71	125.30	73.59	PK	Vertical
3	5736.967	86.47	33.82	5.67	-29.60	96.36	125.30	28.94	PK	Vertical
4	5850.000	41.15	34.00	5.74	-29.60	51.29	125.30	74.01	PK	Vertical
5	5880.337	43.46	34.06	5.76	-29.60	53.68	101.34	47.66	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 RU0 AX20 TX 5745MHz Mode

Power Supply:

DC 12V

Condition:

Temp:23°C;Humi:59.5%

Test Site:

DDT 3# Chamber

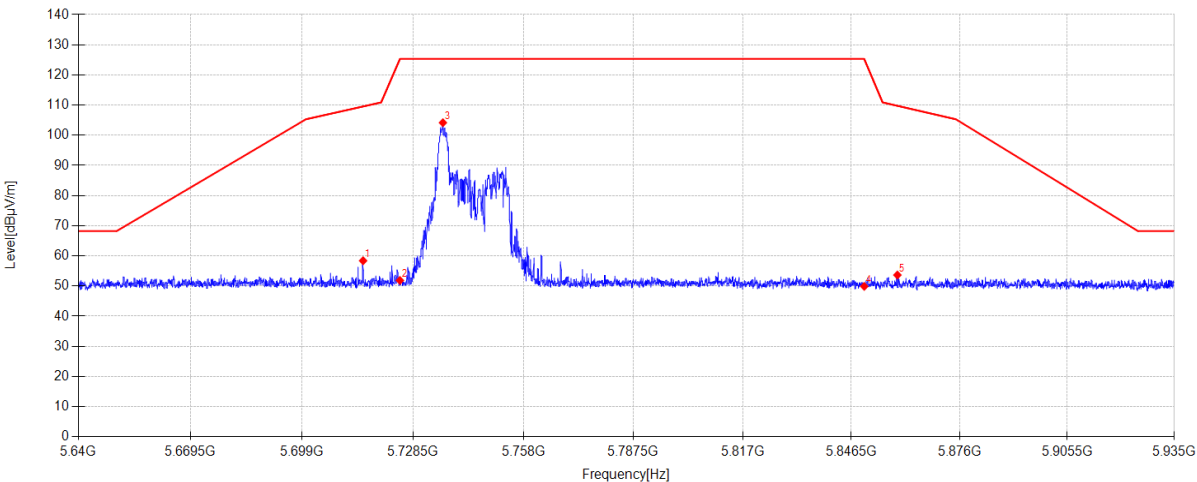
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Memo:

Sample Number:S24122405-001 Power Setting:9

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	5715.196	48.65	33.69	5.65	-29.60	58.39	109.55	51.16	PK	Horizontal
2	5725.000	42.05	33.75	5.66	-29.60	51.86	125.30	73.44	PK	Horizontal
3	5736.465	94.28	33.82	5.67	-29.60	104.17	125.30	21.13	PK	Horizontal
4	5850.000	39.75	34.00	5.74	-29.60	49.89	125.30	75.41	PK	Horizontal
5	5859.038	43.48	34.02	5.75	-29.60	53.65	109.77	56.12	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.