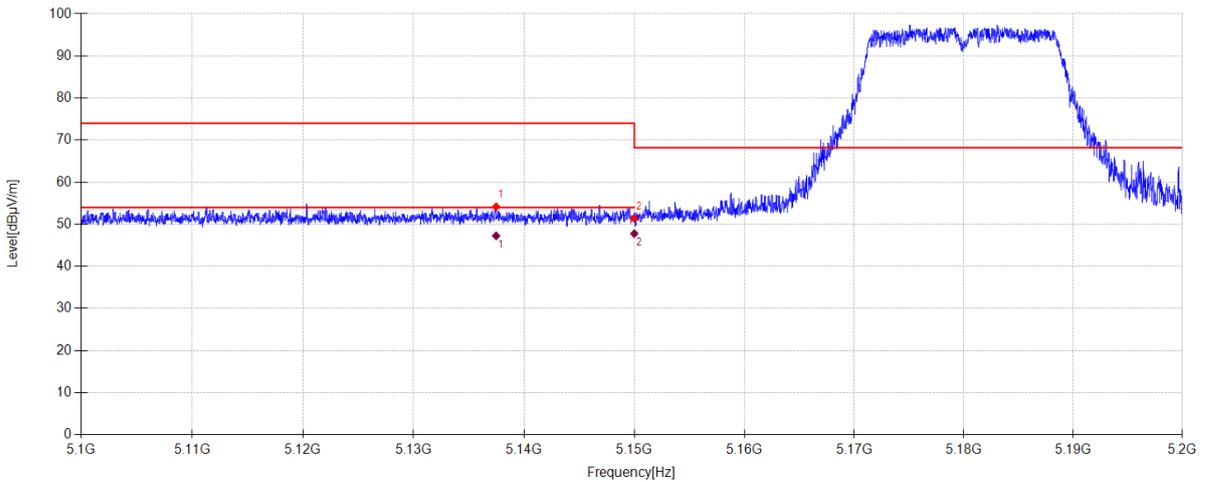


TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC20 5180MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\47
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5137.470	45.11	33.40	5.27	-29.60	54.18	74.00	19.82	PK	Horizontal
2	5150.000	42.32	33.40	5.28	-29.60	51.40	68.20	16.80	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	
1	5137.470	38.19	33.40	5.27	47.26	54.0	6.74	AV	Horizontal	
2	5150.000	38.71	33.40	5.28	47.79	54.0	6.21	AV	Horizontal	

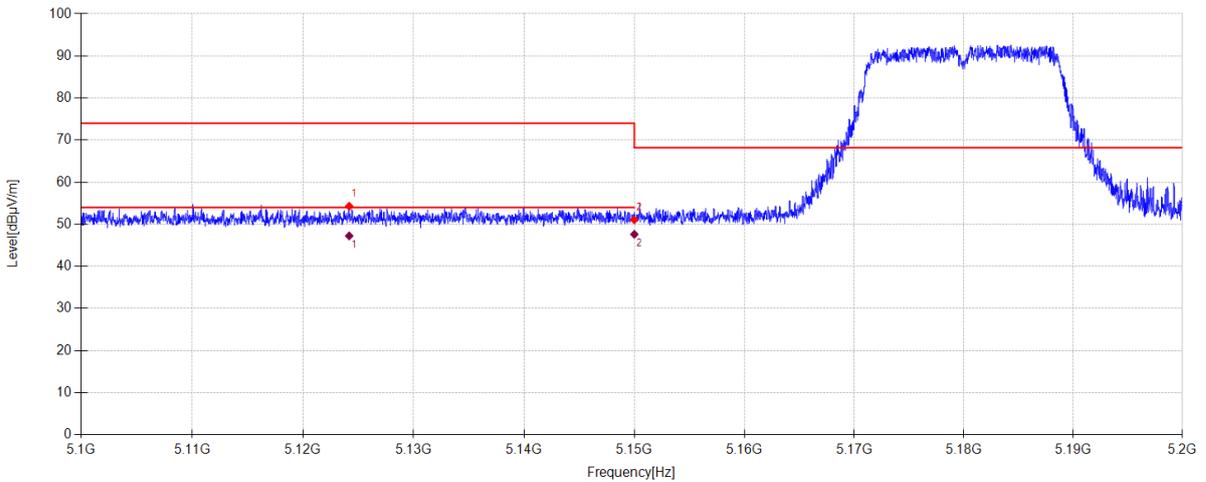
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC20 5180MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\48
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5124.180	45.24	33.40	5.26	-29.60	54.30	74.00	19.70	PK	Vertical
2	5150.000	41.99	33.40	5.28	-29.60	51.07	68.20	17.13	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	
1	5124.180	38.19	33.40	5.26	47.25	54.0	6.75	AV	Vertical	
2	5150.000	38.55	33.40	5.28	47.63	54.0	6.37	AV	Vertical	

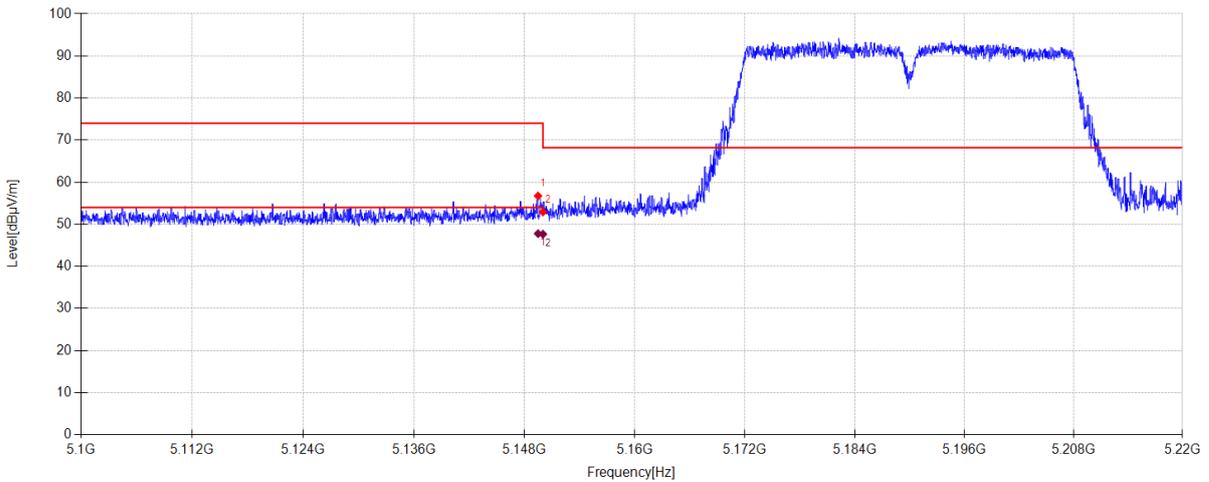
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC40 5190MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\49
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5149.464	47.66	33.40	5.28	-29.60	56.74	74.00	17.26	PK	Horizontal
2	5150.000	43.86	33.40	5.28	-29.60	52.94	68.20	15.26	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	
1	5149.464	38.71	33.40	5.28	47.79	54.0	6.21	AV	Horizontal	
2	5150.000	38.59	33.40	5.28	47.67	54.0	6.33	AV	Horizontal	

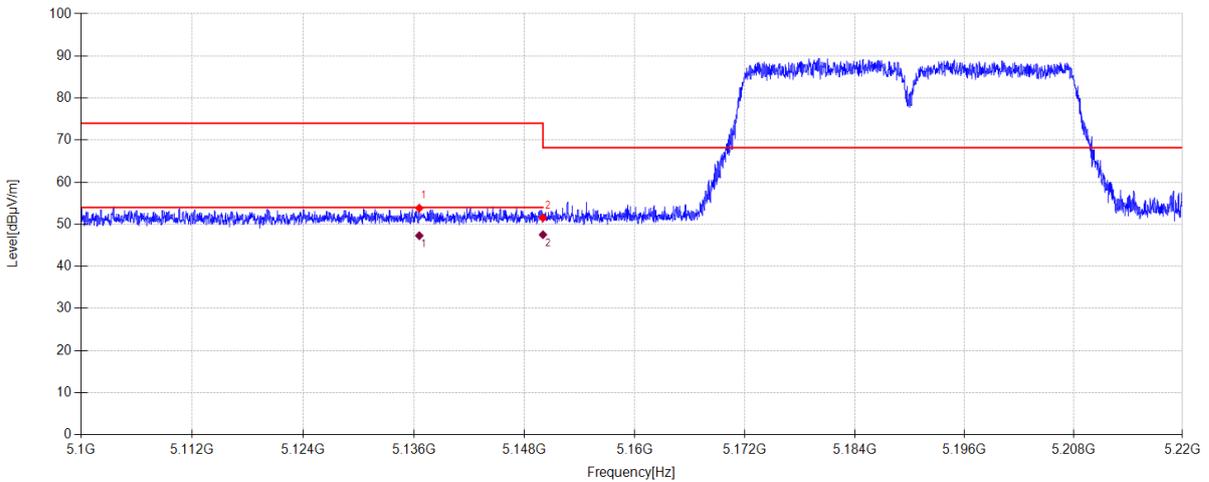
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC40 5190MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\50
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5136.576	44.78	33.40	5.27	-29.60	53.85	74.00	20.15	PK	Vertical
2	5150.000	42.46	33.40	5.28	-29.60	51.54	68.20	16.66	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	
1	5136.576	38.23	33.40	5.27	47.30	54.0	6.70	AV	Vertical	
2	5150.000	38.46	33.40	5.28	47.54	54.0	6.46	AV	Vertical	

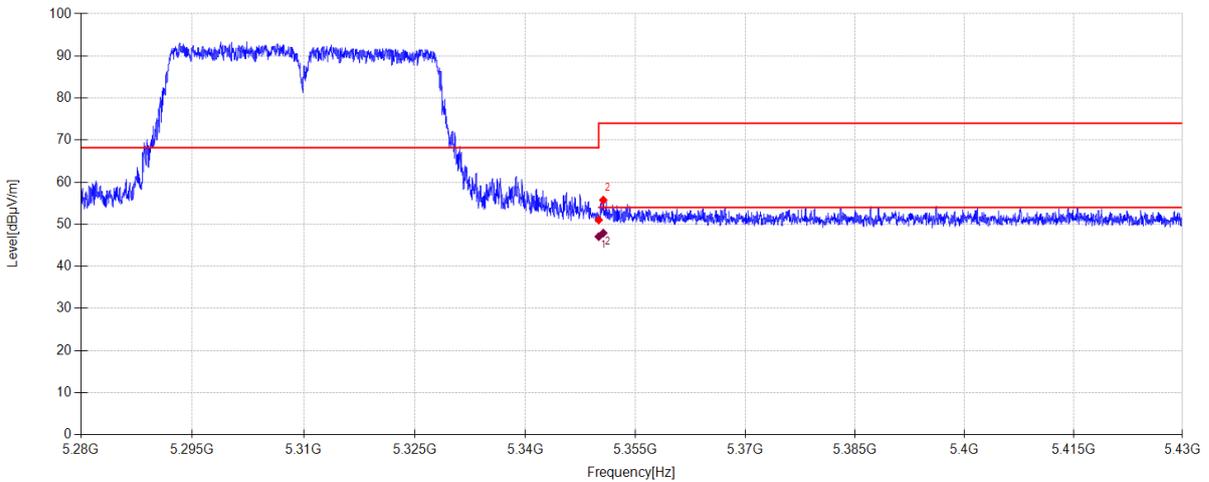
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC40 5310MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\51
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5350.000	42.12	33.10	5.41	-29.60	51.03	68.20	17.17	PK	Horizontal
2	5350.620	46.85	33.10	5.41	-29.60	55.76	74.00	18.24	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.17	33.10	5.41	47.08	54.0	6.92	AV	Horizontal	
2	5350.620	39.02	33.10	5.41	47.93	54.0	6.07	AV	Horizontal	

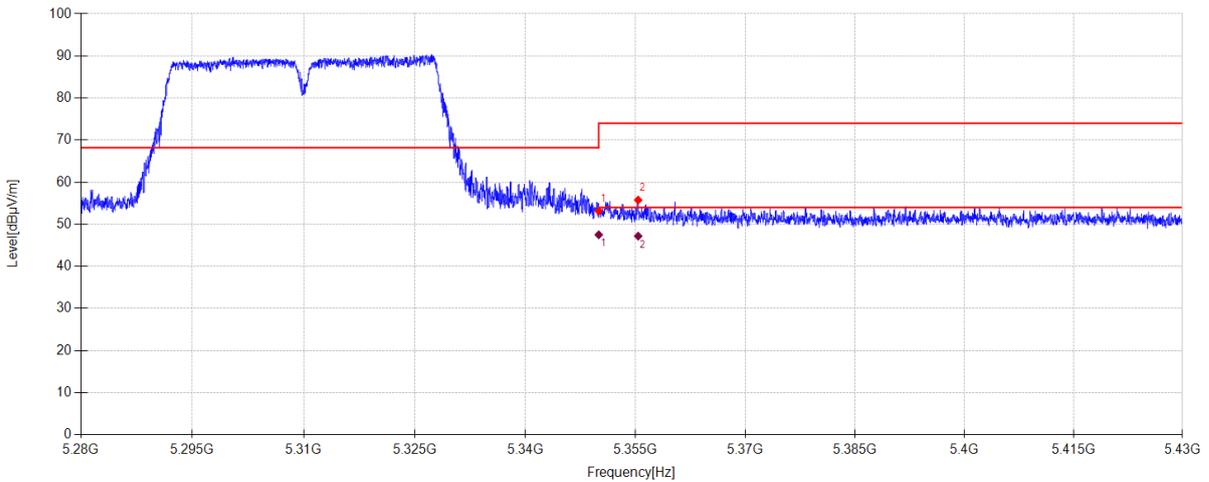
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC40 5310MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\52
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5350.000	44.27	33.10	5.41	-29.60	53.18	68.20	15.02	PK	Vertical
2	5355.360	46.86	33.10	5.41	-29.60	55.77	74.00	18.23	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.61	33.10	5.41	47.52	54.0	6.48	AV	Vertical	
2	5355.360	38.29	33.10	5.41	47.20	54.0	6.80	AV	Vertical	

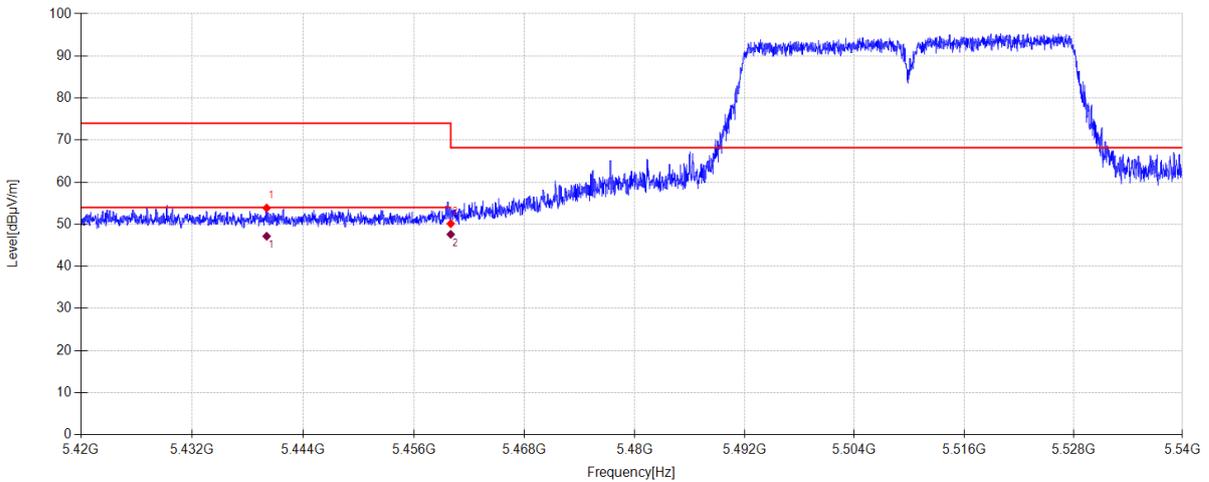
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC40 5510MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\53
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5440.052	44.98	33.02	5.47	-29.60	53.87	74.00	20.13	PK	Horizontal
2	5460.000	41.27	33.00	5.48	-29.60	50.15	68.20	18.05	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	
1	5440.052	38.29	33.02	5.47	47.18	54.0	6.82	AV	Horizontal	
2	5460.000	38.74	33.00	5.48	47.62	54.0	6.38	AV	Horizontal	

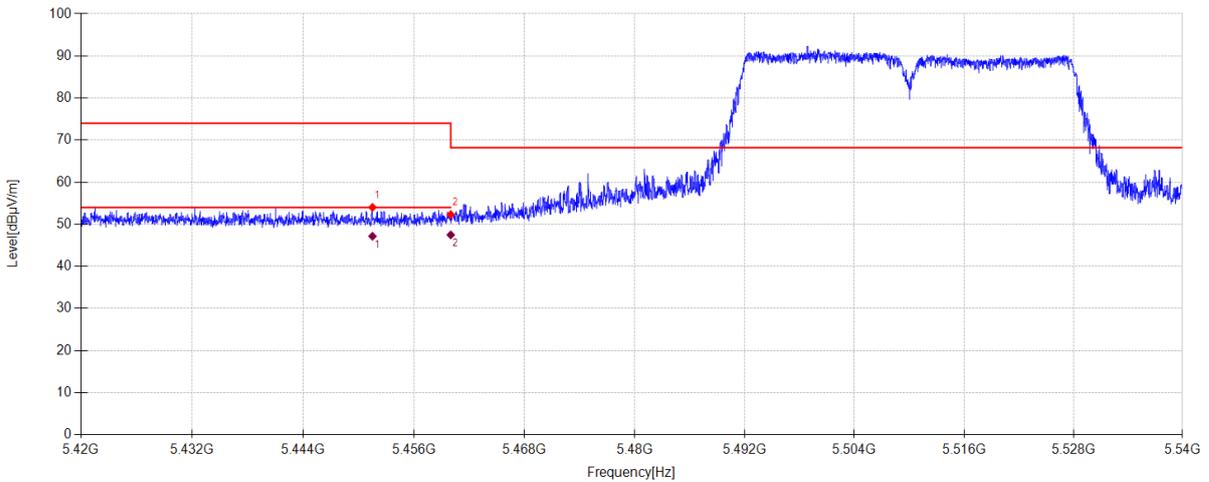
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC40 5510MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\54
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5451.512	45.15	33.00	5.48	-29.60	54.03	74.00	19.97	PK	Vertical
2	5460.000	43.44	33.00	5.48	-29.60	52.32	68.20	15.88	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	
1	5451.512	38.29	33.00	5.48	47.17	54.0	6.83	AV	Vertical	
2	5460.000	38.61	33.00	5.48	47.49	54.0	6.51	AV	Vertical	

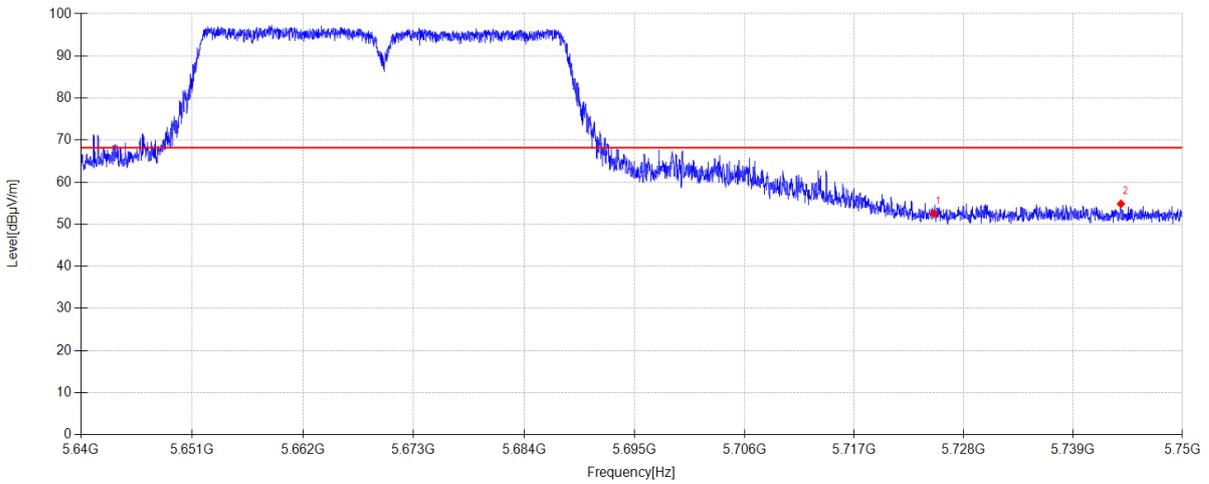
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC40 5670MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\55
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5725.000	42.76	33.75	5.66	-29.60	52.57	68.20	15.63	PK	Horizontal
2	5743.807	44.94	33.86	5.67	-29.60	54.87	68.20	13.33	PK	Horizontal

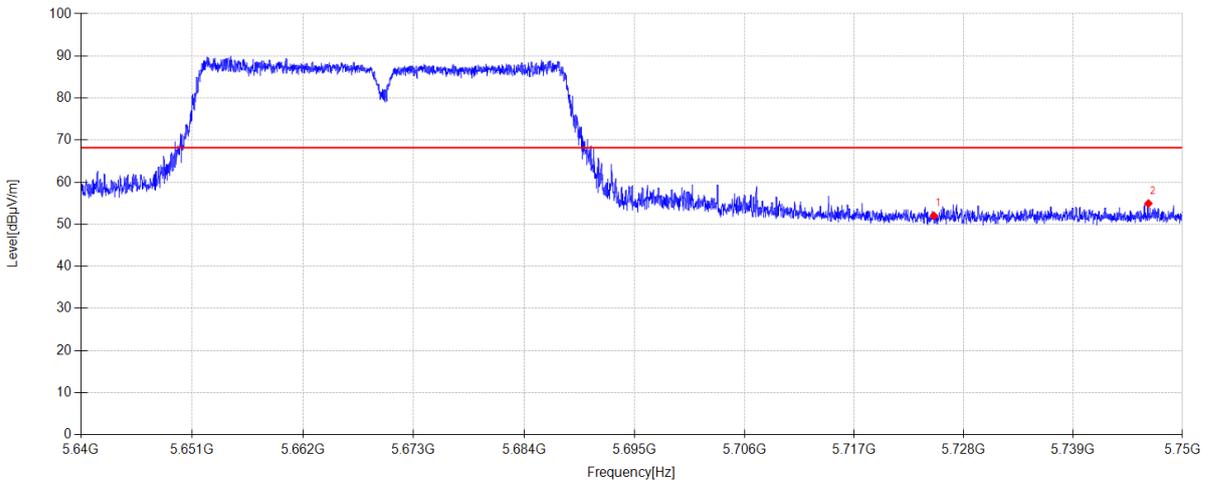
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC40 5670MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\56
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5725.000	42.22	33.75	5.66	-29.60	52.03	68.20	16.17	PK	Vertical
2	5746.579	45.00	33.88	5.67	-29.60	54.95	68.20	13.25	PK	Vertical

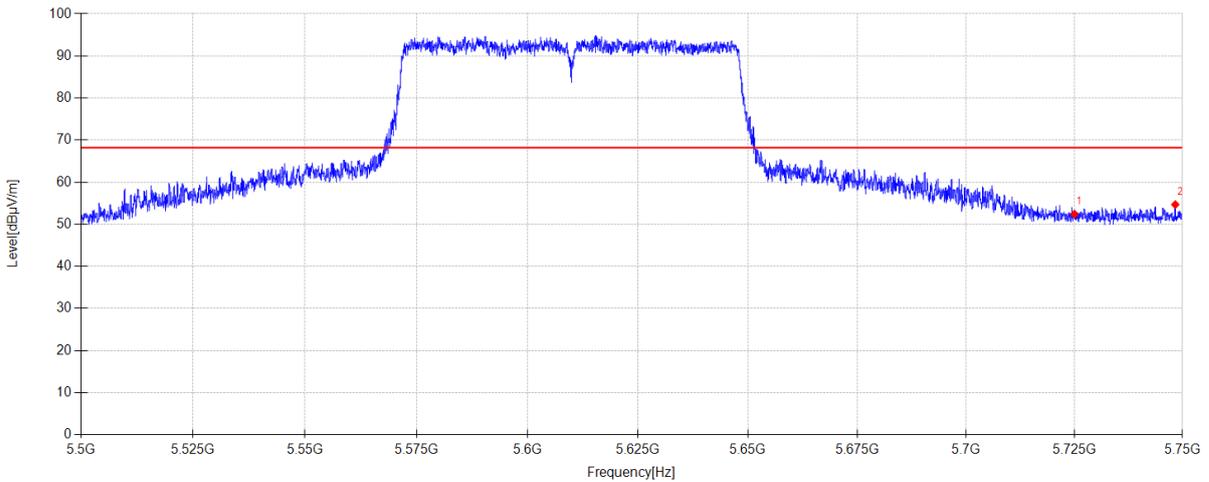
Note:

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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC80 5610MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\57
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5725.000	42.62	33.75	5.66	-29.60	52.43	68.20	15.77	PK	Horizontal
2	5748.350	44.73	33.89	5.67	-29.60	54.69	68.20	13.51	PK	Horizontal

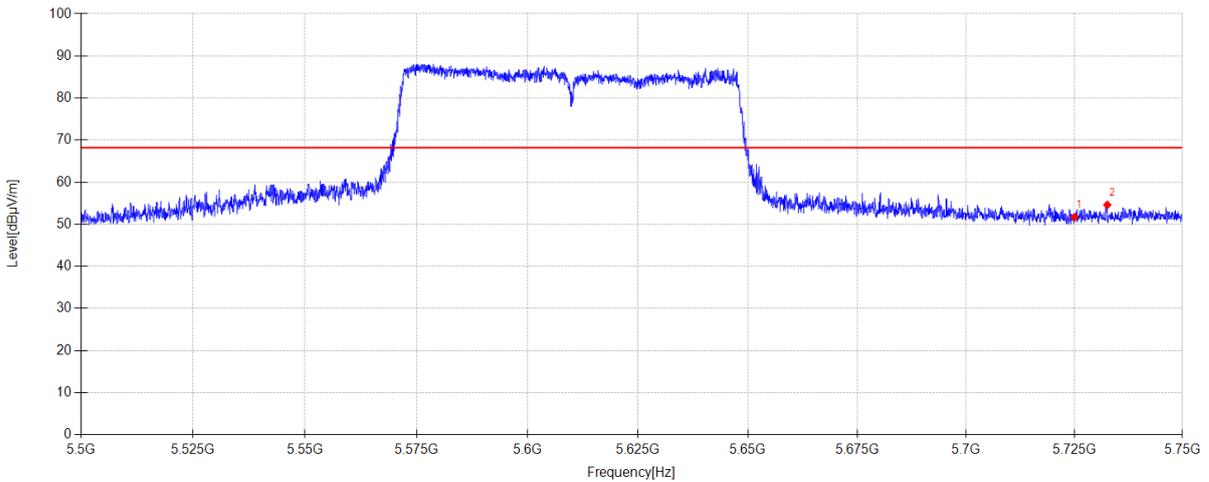
Note:

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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC80 5610MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\58
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.89	33.75	5.66	-29.60	51.70	68.20	16.50	PK	Vertical
2	5732.600	44.75	33.80	5.66	-29.60	54.61	68.20	13.59	PK	Vertical

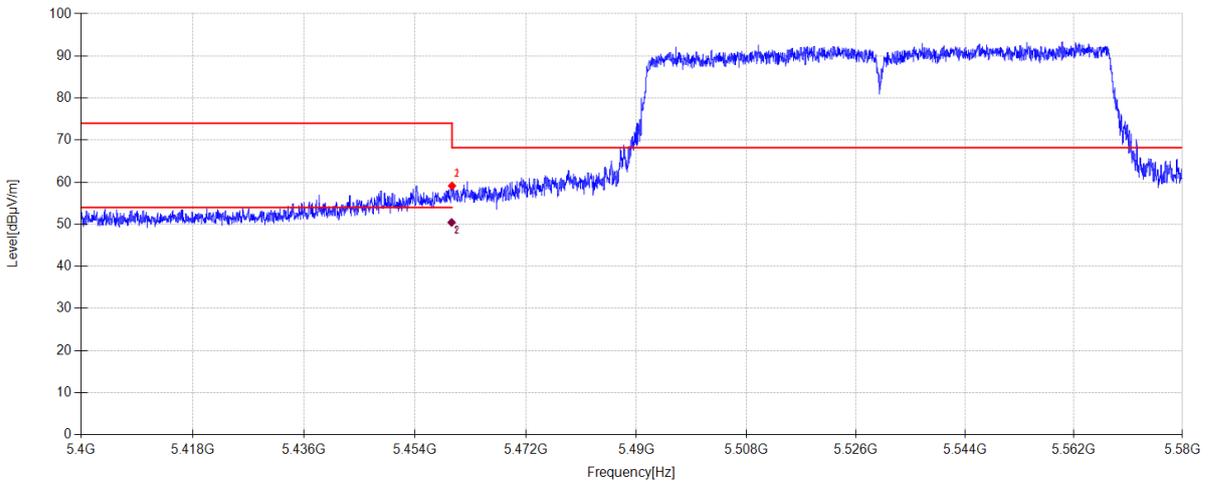
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC80 5530MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\59
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5459.994	50.25	33.00	5.48	-29.60	59.13	74.00	14.87	PK	Horizontal
2	5460.000	50.15	33.00	5.48	-29.60	59.03	68.20	9.17	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	
1	5459.926	41.57	33.00	5.48	50.45	54.0	3.55	AV	Horizontal	
2	5460.000	41.73	33.00	5.48	50.61	54.0	3.39	AV	Horizontal	

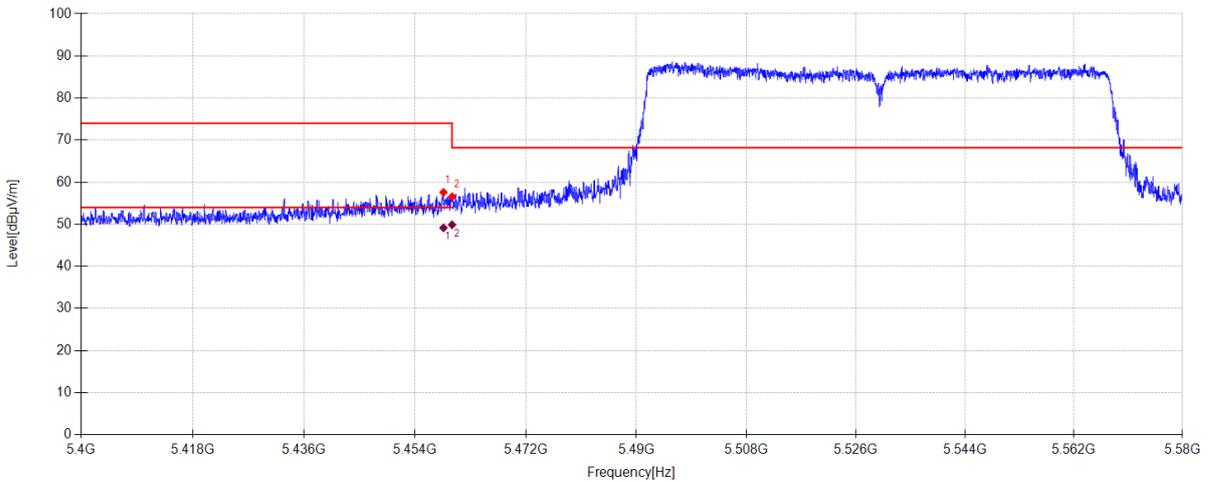
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC80 5530MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\60
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5458.608	48.72	33.00	5.48	-29.60	57.60	74.00	16.40	PK	Vertical
2	5460.000	47.70	33.00	5.48	-29.60	56.58	68.20	11.62	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	
1	5458.608	40.29	33.00	5.48	49.17	54.0	4.83	AV	Vertical	
2	5460.000	41.02	33.00	5.48	49.90	54.0	4.10	AV	Vertical	

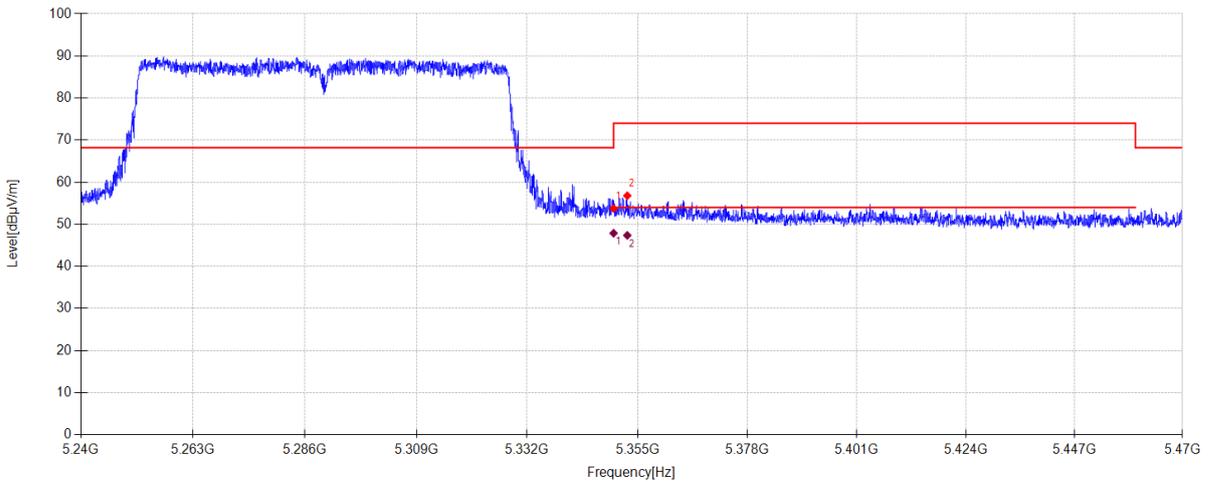
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC80 5290MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\61
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5350.000	44.85	33.10	5.41	-29.60	53.76	68.20	14.44	PK	Horizontal
2	5352.861	47.89	33.10	5.41	-29.60	56.80	74.00	17.20	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.98	33.10	5.41	47.89	54.0	6.11	AV	Horizontal	
2	5352.861	38.47	33.10	5.41	47.38	54.0	6.62	AV	Horizontal	

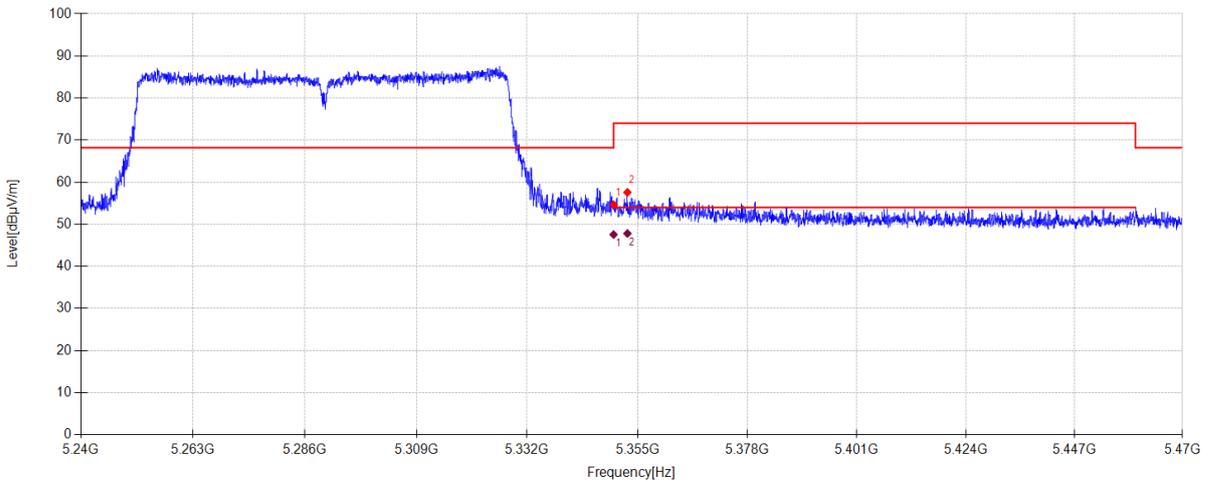
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC80 5290MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\62
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5350.000	45.73	33.10	5.41	-29.60	54.64	68.20	13.56	PK	Vertical
2	5352.884	48.68	33.10	5.41	-29.60	57.59	74.00	16.41	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.66	33.10	5.41	47.57	54.0	6.43	AV	Vertical	
2	5352.884	38.91	33.10	5.41	47.82	54.0	6.18	AV	Vertical	

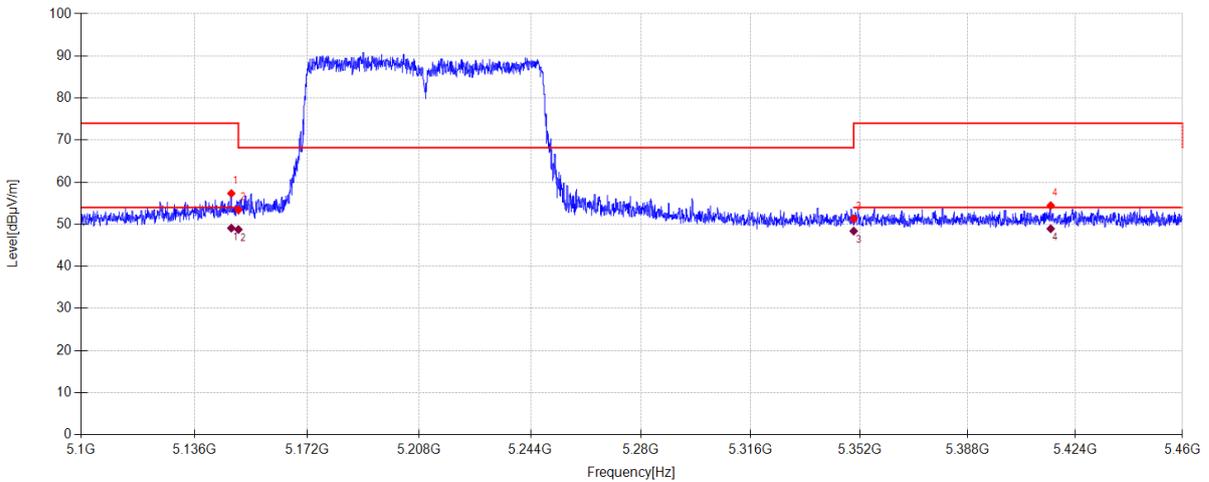
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC80 5210MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\63
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5147.736	48.26	33.40	5.28	-29.60	57.34	74.00	16.66	PK	Horizontal
2	5150.000	44.37	33.40	5.28	-29.60	53.45	68.20	14.75	PK	Horizontal
3	5350.000	42.42	33.10	5.41	-29.60	51.33	68.20	16.87	PK	Horizontal
4	5415.648	45.54	33.07	5.45	-29.60	54.46	74.00	19.54	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	
1	5147.736	40.02	33.40	5.28	49.10	54.0	4.90	AV	Horizontal	
2	5150.000	39.68	33.40	5.28	48.76	54.0	5.24	AV	Horizontal	
3	5350.000	39.48	33.10	5.41	48.39	54.0	5.61	AV	Horizontal	
4	5415.648	40.03	33.07	5.45	48.95	54.0	5.05	AV	Horizontal	

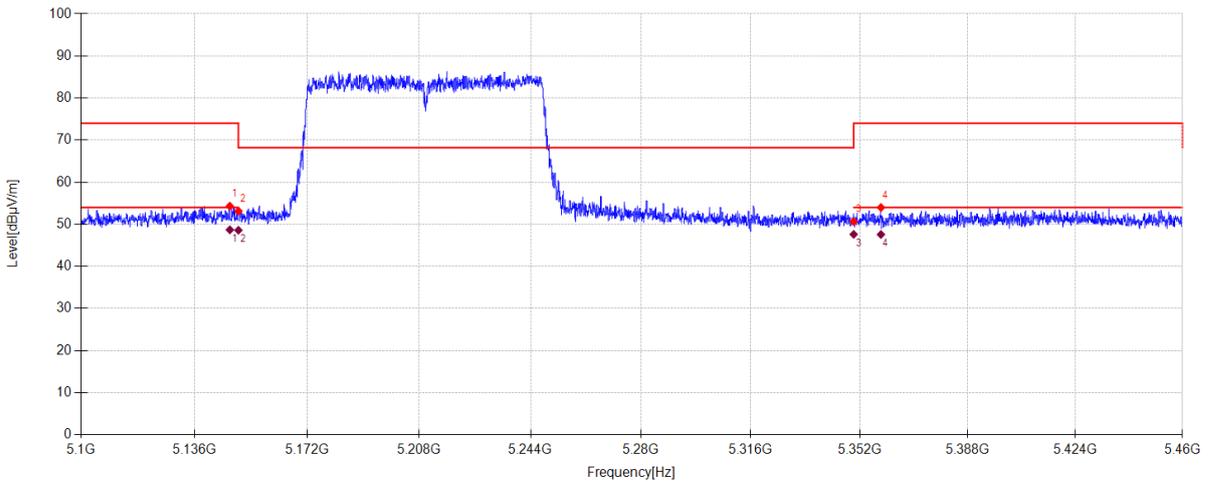
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC80 5210MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G 5G\64
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5147.268	45.24	33.40	5.28	-29.60	54.32	74.00	19.68	PK	Vertical
2	5150.000	44.07	33.40	5.28	-29.60	53.15	68.20	15.05	PK	Vertical
3	5350.000	41.74	33.10	5.41	-29.60	50.65	68.20	17.55	PK	Vertical
4	5359.020	45.08	33.10	5.42	-29.60	54.00	74.00	20.00	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	
1	5147.268	39.62	33.40	5.28	48.70	54.0	5.30	AV	Vertical	
2	5150.000	39.51	33.40	5.28	48.59	54.0	5.41	AV	Vertical	
3	5350.000	38.71	33.10	5.41	47.62	54.0	6.38	AV	Vertical	
4	5359.020	38.67	33.10	5.42	47.59	54.0	6.41	AV	Vertical	

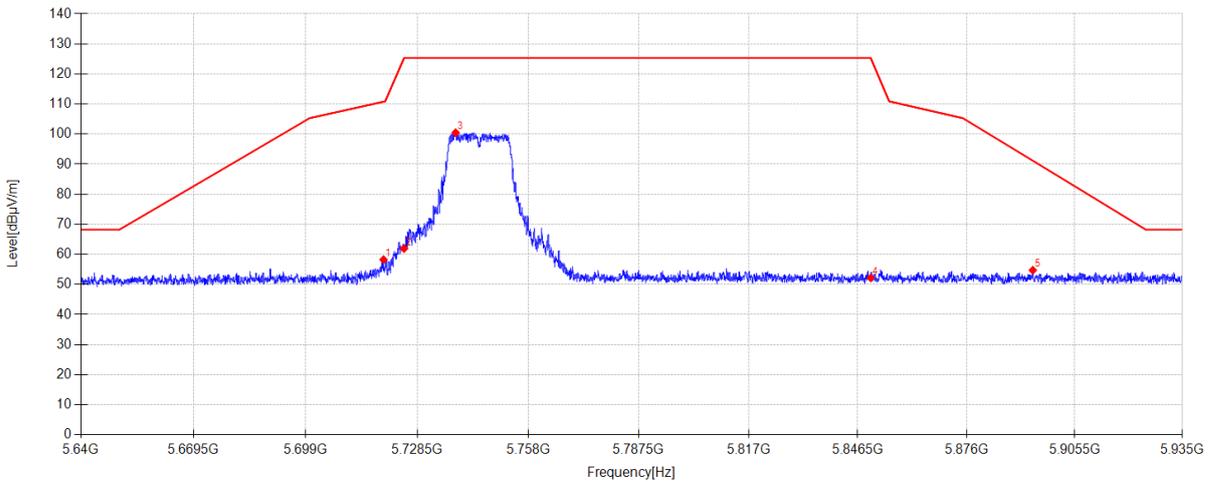
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11A 5745MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\9
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5719.562	48.50	33.72	5.65	-29.60	58.27	110.78	52.51	PK	Horizontal
2	5725.000	52.14	33.75	5.66	-29.60	61.95	125.30	63.35	PK	Horizontal
3	5738.678	90.58	33.83	5.67	-29.60	100.48	125.30	24.82	PK	Horizontal
4	5850.000	42.05	34.00	5.74	-29.60	52.19	125.30	73.11	PK	Horizontal
5	5894.054	44.48	34.09	5.77	-29.60	54.74	91.16	36.42	PK	Horizontal

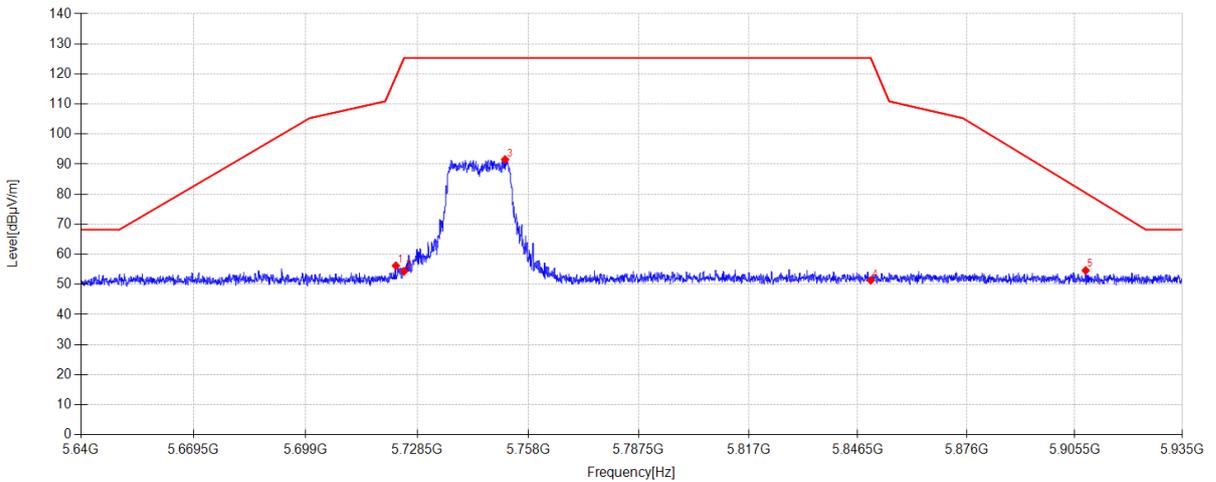
Note:

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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11A 5745MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\10
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5722.836	46.43	33.74	5.66	-29.60	56.23	119.07	62.84	PK	Vertical
2	5725.000	44.60	33.75	5.66	-29.60	54.41	125.30	70.89	PK	Vertical
3	5751.835	81.56	33.91	5.68	-29.60	91.55	125.30	33.75	PK	Vertical
4	5850.000	41.23	34.00	5.74	-29.60	51.37	125.30	73.93	PK	Vertical
5	5908.480	44.36	34.12	5.78	-29.60	54.66	80.46	25.80	PK	Vertical

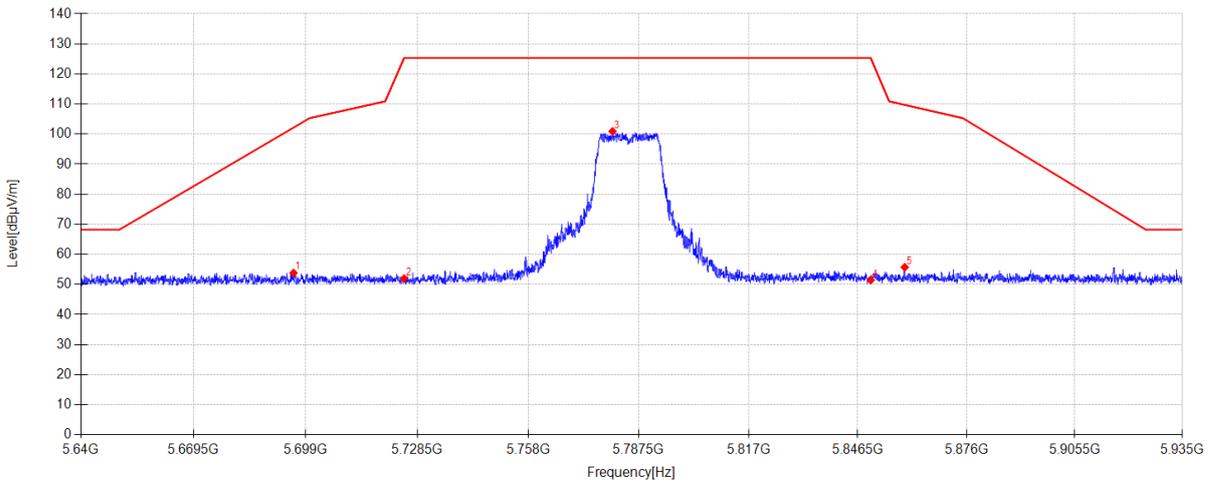
Note:

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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11A 5785MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\11
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5695.785	44.20	33.58	5.64	-29.60	53.82	102.17	48.35	PK	Horizontal
2	5725.000	42.14	33.75	5.66	-29.60	51.95	125.30	73.35	PK	Horizontal
3	5780.509	90.74	34.08	5.70	-29.60	100.92	125.30	24.38	PK	Horizontal
4	5850.000	41.32	34.00	5.74	-29.60	51.46	125.30	73.84	PK	Horizontal
5	5859.215	45.56	34.02	5.75	-29.60	55.73	109.72	53.99	PK	Horizontal

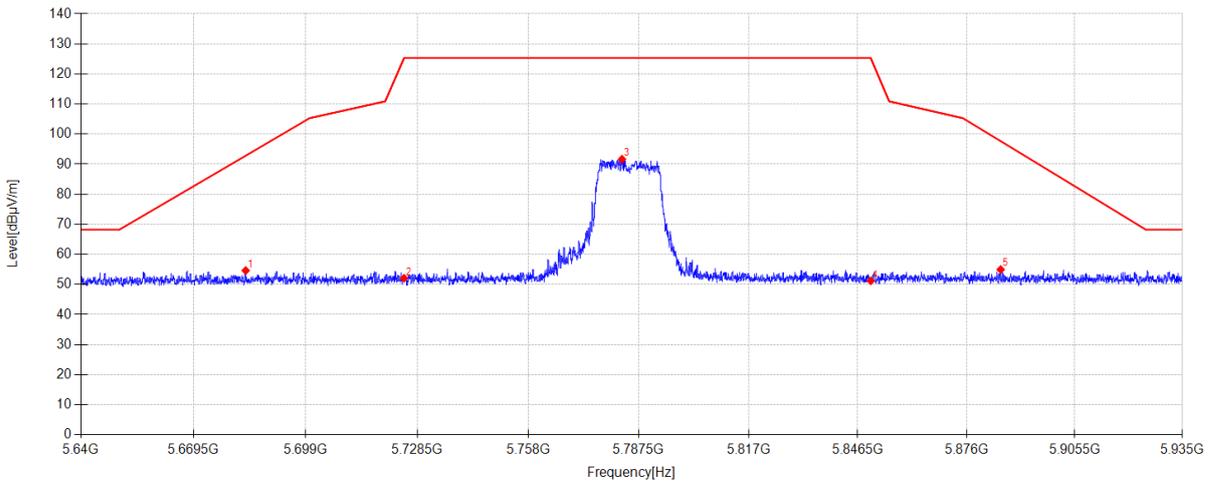
Note:

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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11A 5785MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\12
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5683.188	45.07	33.53	5.63	-29.60	54.63	92.83	38.20	PK	Vertical
2	5725.000	42.26	33.75	5.66	-29.60	52.07	125.30	73.23	PK	Vertical
3	5783.046	81.45	34.10	5.70	-29.60	91.65	125.30	33.65	PK	Vertical
4	5850.000	41.07	34.00	5.74	-29.60	51.21	125.30	74.09	PK	Vertical
5	5885.293	44.74	34.07	5.76	-29.60	54.97	97.66	42.69	PK	Vertical

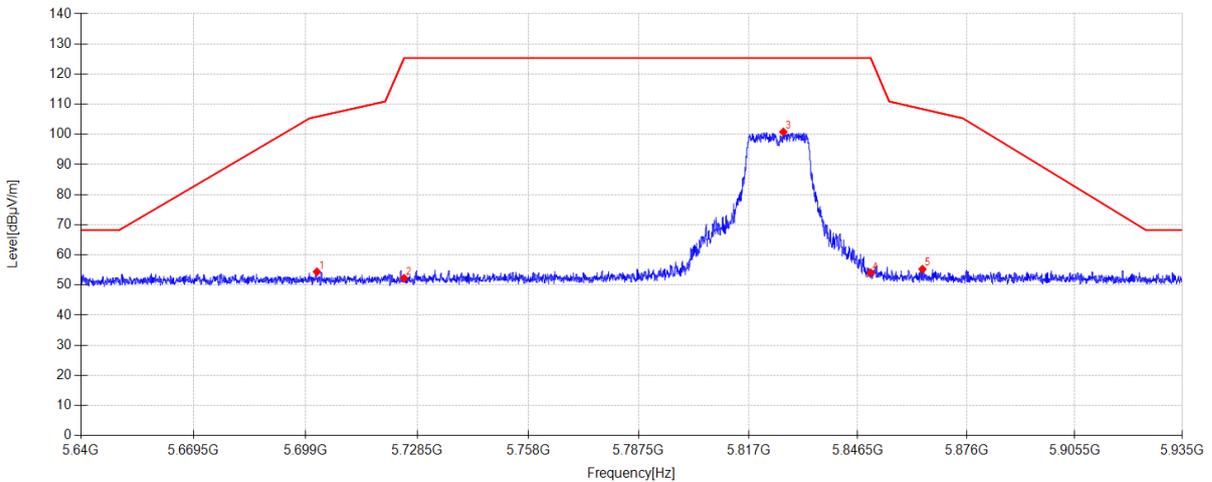
Note:

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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11A 5825MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6\FCC ABOVE1G MASK\19
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5701.950	44.72	33.61	5.64	-29.60	54.37	105.85	51.48	PK	Horizontal
2	5725.000	42.40	33.75	5.66	-29.60	52.21	125.30	73.09	PK	Horizontal
3	5826.411	90.56	34.09	5.73	-29.60	100.78	125.30	24.52	PK	Horizontal
4	5850.000	43.90	34.00	5.74	-29.60	54.04	125.30	71.26	PK	Horizontal
5	5864.023	45.06	34.03	5.75	-29.60	55.24	108.37	53.13	PK	Horizontal

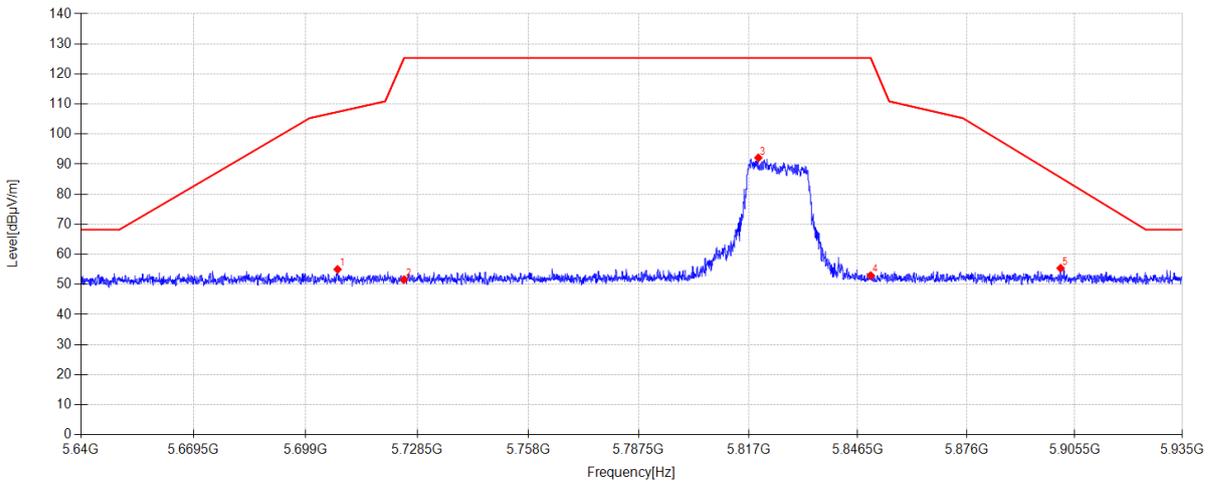
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11A 5825MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\20
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5707.408	45.34	33.64	5.65	-29.60	55.03	107.37	52.34	PK	Vertical
2	5725.000	41.83	33.75	5.66	-29.60	51.64	125.30	73.66	PK	Vertical
3	5819.655	81.88	34.12	5.72	-29.60	92.12	125.30	33.18	PK	Vertical
4	5850.000	42.83	34.00	5.74	-29.60	52.97	125.30	72.33	PK	Vertical
5	5901.636	45.13	34.10	5.78	-29.60	55.41	85.54	30.13	PK	Vertical

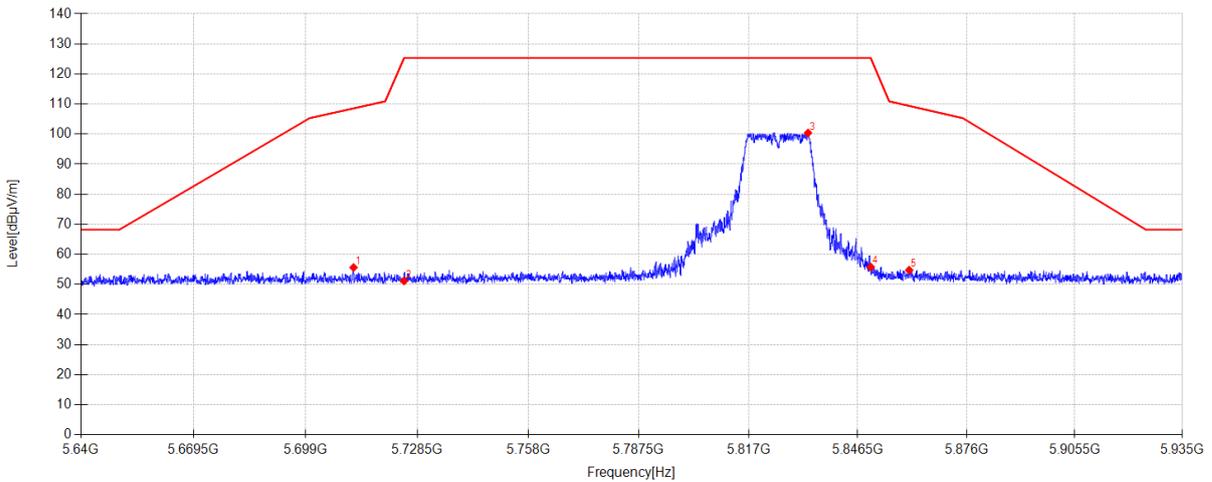
Note:

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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11N20 5825MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\21
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5711.626	45.91	33.67	5.65	-29.60	55.63	108.56	52.93	PK	Horizontal
2	5725.000	41.37	33.75	5.66	-29.60	51.18	125.30	74.12	PK	Horizontal
3	5833.048	90.20	34.07	5.73	-29.60	100.40	125.30	24.90	PK	Horizontal
4	5850.000	45.66	34.00	5.74	-29.60	55.80	125.30	69.50	PK	Horizontal
5	5860.424	44.60	34.02	5.75	-29.60	54.77	109.38	54.61	PK	Horizontal

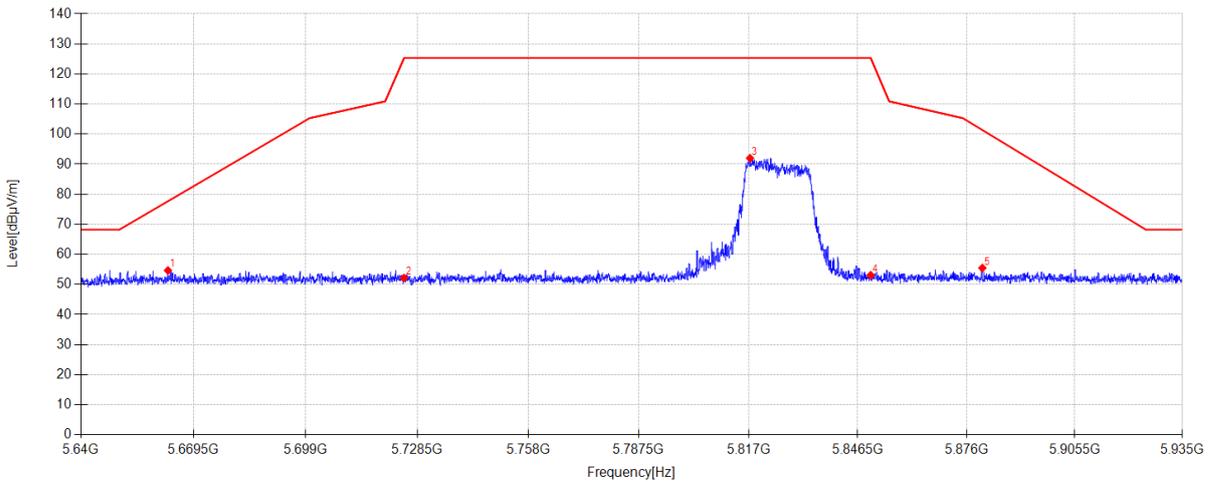
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11N20 5825MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\22
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5662.774	45.20	33.45	5.62	-29.60	54.67	77.68	23.01	PK	Vertical
2	5725.000	42.34	33.75	5.66	-29.60	52.15	125.30	73.15	PK	Vertical
3	5817.413	81.74	34.13	5.72	-29.60	91.99	125.30	33.31	PK	Vertical
4	5850.000	42.94	34.00	5.74	-29.60	53.08	125.30	72.22	PK	Vertical
5	5880.307	45.27	34.06	5.76	-29.60	55.49	101.36	45.87	PK	Vertical

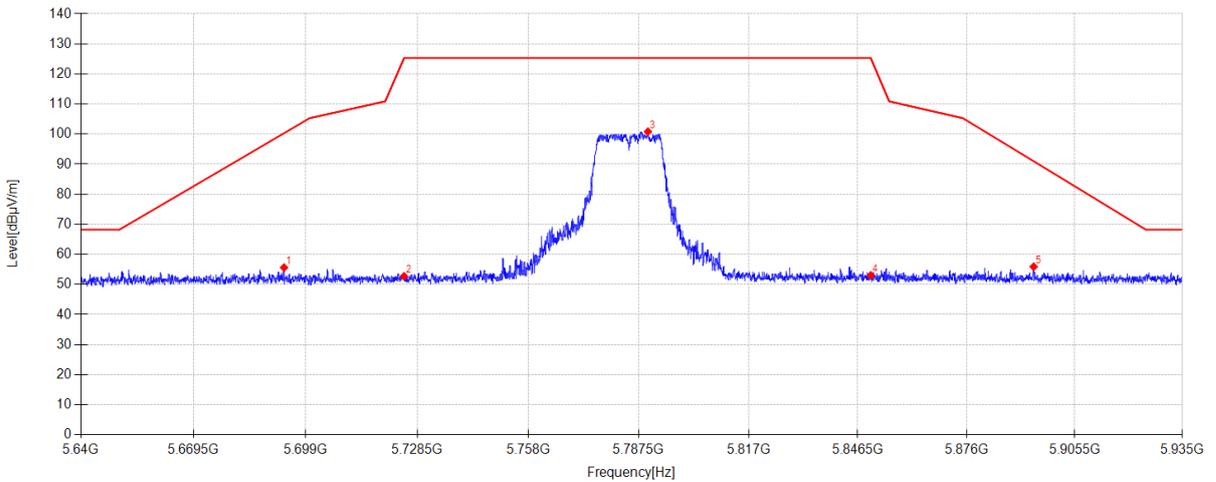
Note:

- 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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11N20 5785MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\23
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5693.277	46.02	33.57	5.64	-29.60	55.63	100.31	44.68	PK	Horizontal
2	5725.000	42.90	33.75	5.66	-29.60	52.71	125.30	72.59	PK	Horizontal
3	5789.978	90.60	34.14	5.70	-29.60	100.84	125.30	24.46	PK	Horizontal
4	5850.000	42.89	34.00	5.74	-29.60	53.03	125.30	72.27	PK	Horizontal
5	5894.290	45.65	34.09	5.77	-29.60	55.91	90.99	35.08	PK	Horizontal

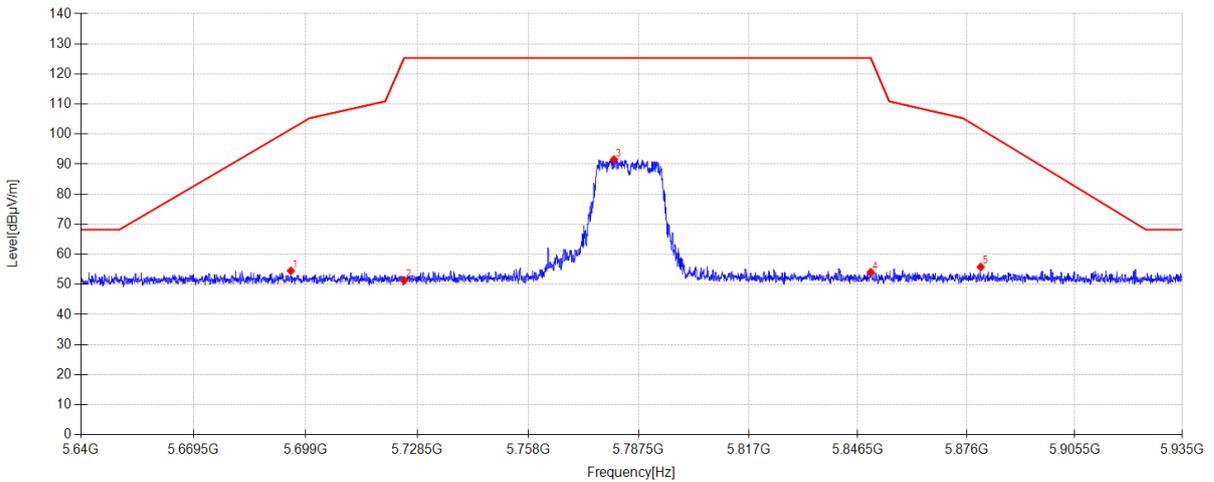
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11N20 5785MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\24
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5695.077	44.91	33.58	5.64	-29.60	54.53	101.65	47.12	PK	Vertical
2	5725.000	41.54	33.75	5.66	-29.60	51.35	125.30	73.95	PK	Vertical
3	5780.892	81.36	34.09	5.70	-29.60	91.55	125.30	33.75	PK	Vertical
4	5850.000	43.95	34.00	5.74	-29.60	54.09	125.30	71.21	PK	Vertical
5	5879.865	45.60	34.06	5.76	-29.60	55.82	101.69	45.87	PK	Vertical

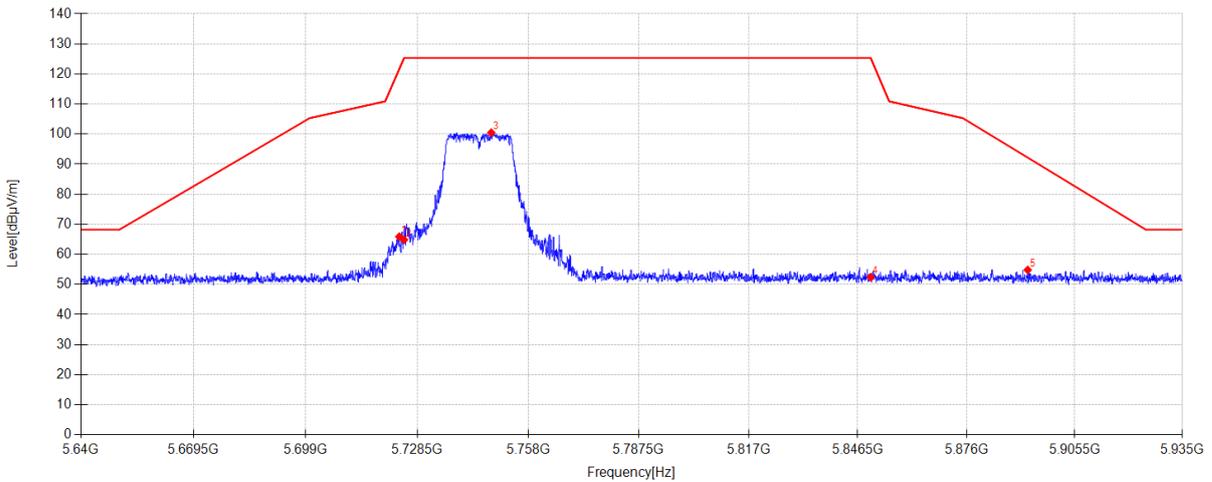
Note:

- 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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11N20 5745MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\25
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.721	56.10	33.74	5.66	-29.60	65.90	121.62	55.72	PK	Horizontal
2	5725.000	55.06	33.75	5.66	-29.60	64.87	125.30	60.43	PK	Horizontal
3	5748.147	90.52	33.89	5.67	-29.60	100.48	125.30	24.82	PK	Horizontal
4	5850.000	42.27	34.00	5.74	-29.60	52.41	125.30	72.89	PK	Horizontal
5	5892.668	44.57	34.09	5.77	-29.60	54.83	92.19	37.36	PK	Horizontal

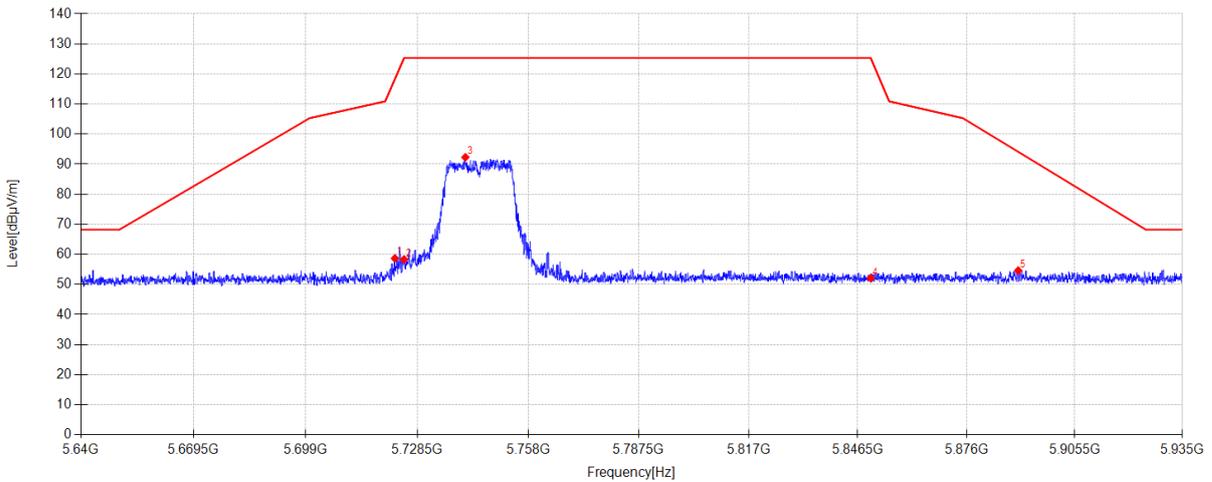
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11N20 5745MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\26
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.571	48.88	33.74	5.66	-29.60	58.68	118.30	59.62	PK	Vertical
2	5725.000	48.52	33.75	5.66	-29.60	58.33	125.30	66.97	PK	Vertical
3	5741.274	82.38	33.85	5.67	-29.60	92.30	125.30	33.00	PK	Vertical
4	5850.000	41.95	34.00	5.74	-29.60	52.09	125.30	73.21	PK	Vertical
5	5890.072	44.39	34.08	5.77	-29.60	54.64	94.12	39.48	PK	Vertical

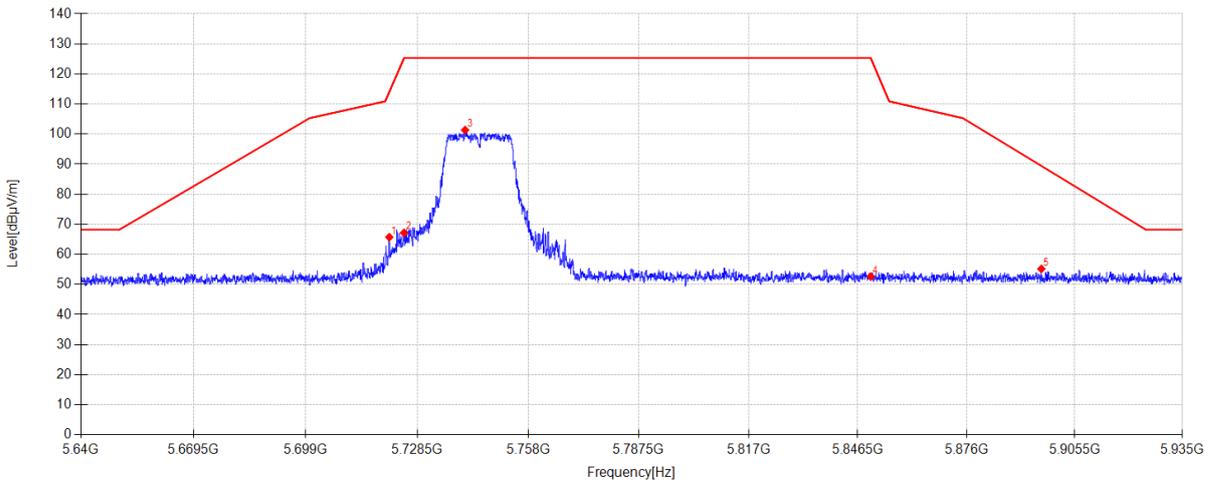
Note:

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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC20 5745MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\27
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5721.096	55.94	33.73	5.66	-29.60	65.73	114.06	48.33	PK	Horizontal
2	5725.000	57.37	33.75	5.66	-29.60	67.18	125.30	58.12	PK	Horizontal
3	5741.185	91.43	33.85	5.67	-29.60	101.35	125.30	23.95	PK	Horizontal
4	5850.000	42.49	34.00	5.74	-29.60	52.63	125.30	72.67	PK	Horizontal
5	5896.385	44.92	34.09	5.77	-29.60	55.18	89.43	34.25	PK	Horizontal

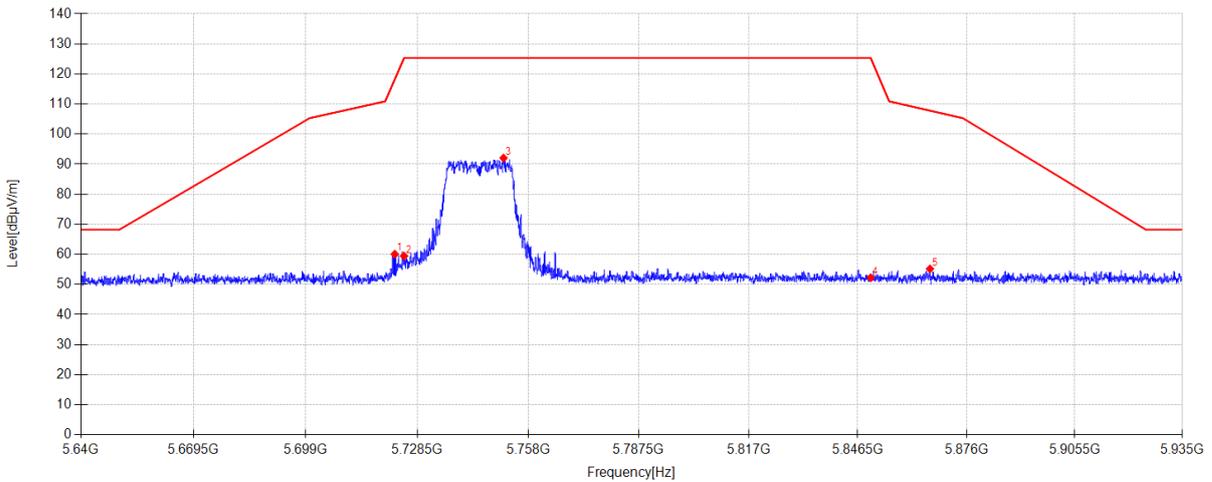
Note:

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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC20 5745MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\28
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5722.541	50.28	33.74	5.66	-29.60	60.08	118.22	58.14	PK	Vertical
2	5725.000	49.65	33.75	5.66	-29.60	59.46	125.30	65.84	PK	Vertical
3	5751.422	82.06	33.91	5.68	-29.60	92.05	125.30	33.25	PK	Vertical
4	5850.000	42.10	34.00	5.74	-29.60	52.24	125.30	73.06	PK	Vertical
5	5866.059	45.02	34.03	5.75	-29.60	55.20	107.80	52.60	PK	Vertical

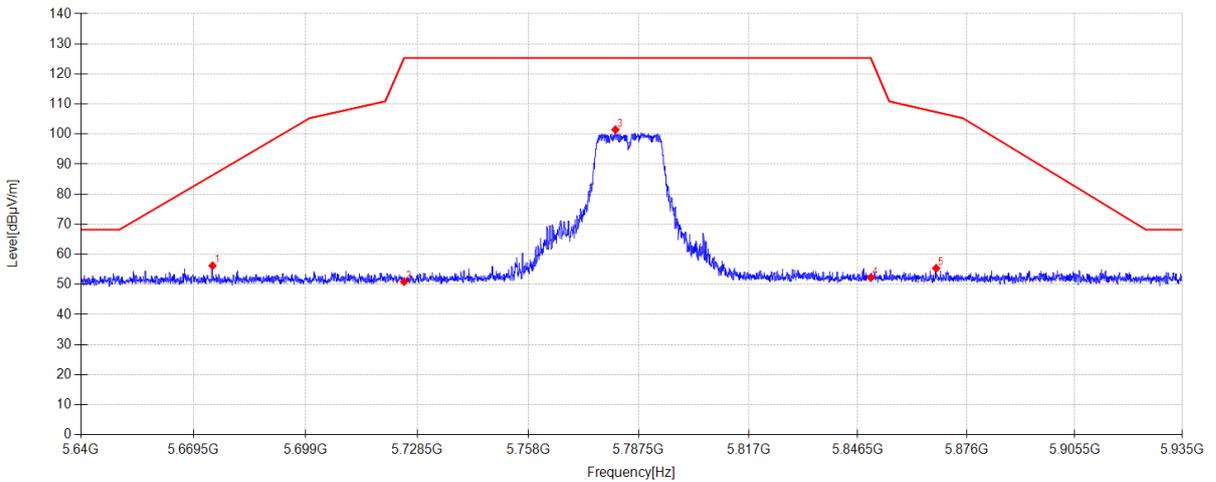
Note:

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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC20 5785MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\29
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5674.486	46.70	33.50	5.63	-29.60	56.23	86.37	30.14	PK	Horizontal
2	5725.000	41.14	33.75	5.66	-29.60	50.95	125.30	74.35	PK	Horizontal
3	5781.276	91.29	34.09	5.70	-29.60	101.48	125.30	23.82	PK	Horizontal
4	5850.000	42.15	34.00	5.74	-29.60	52.29	125.30	73.01	PK	Horizontal
5	5867.740	45.20	34.04	5.75	-29.60	55.39	107.33	51.94	PK	Horizontal

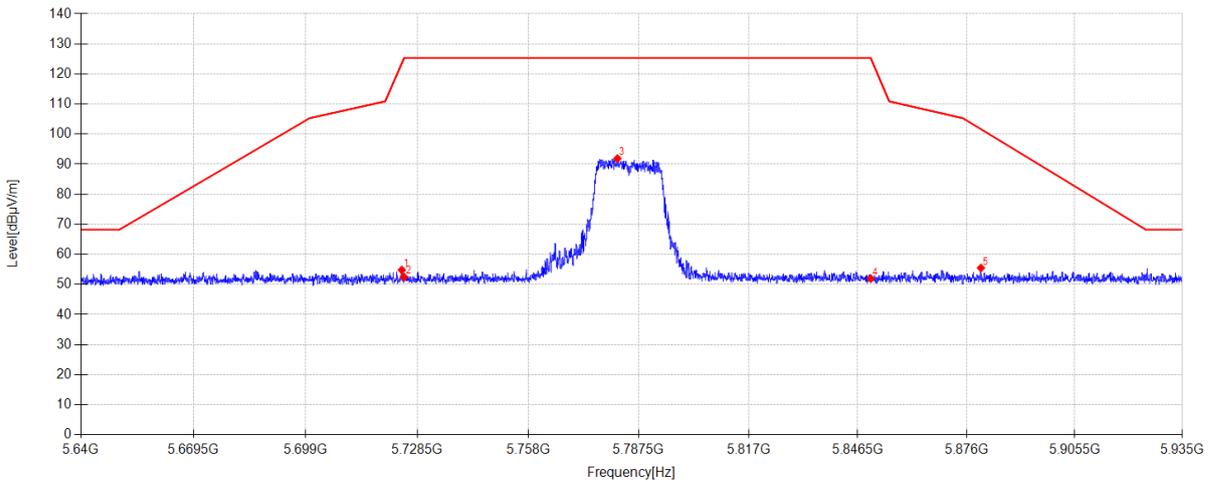
Note:

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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC20 5785MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\30
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.400	45.00	33.75	5.66	-29.60	54.81	123.57	68.76	PK	Vertical
2	5725.000	42.65	33.75	5.66	-29.60	52.46	125.30	72.84	PK	Vertical
3	5781.807	81.70	34.09	5.70	-29.60	91.89	125.30	33.41	PK	Vertical
4	5850.000	41.81	34.00	5.74	-29.60	51.95	125.30	73.35	PK	Vertical
5	5879.924	45.27	34.06	5.76	-29.60	55.49	101.65	46.16	PK	Vertical

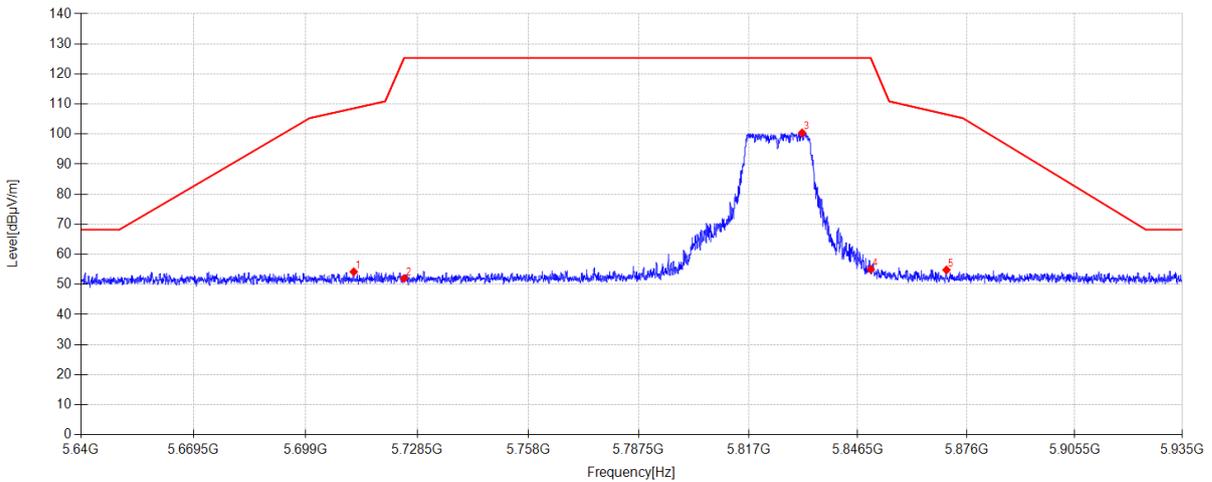
Note:

- 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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC20 5825MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\31
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5711.685	44.50	33.67	5.65	-29.60	54.22	108.57	54.35	PK	Horizontal
2	5725.000	42.20	33.75	5.66	-29.60	52.01	125.30	73.29	PK	Horizontal
3	5831.455	90.22	34.07	5.73	-29.60	100.42	125.30	24.88	PK	Horizontal
4	5850.000	44.92	34.00	5.74	-29.60	55.06	125.30	70.24	PK	Horizontal
5	5870.543	44.65	34.04	5.75	-29.60	54.84	106.55	51.71	PK	Horizontal

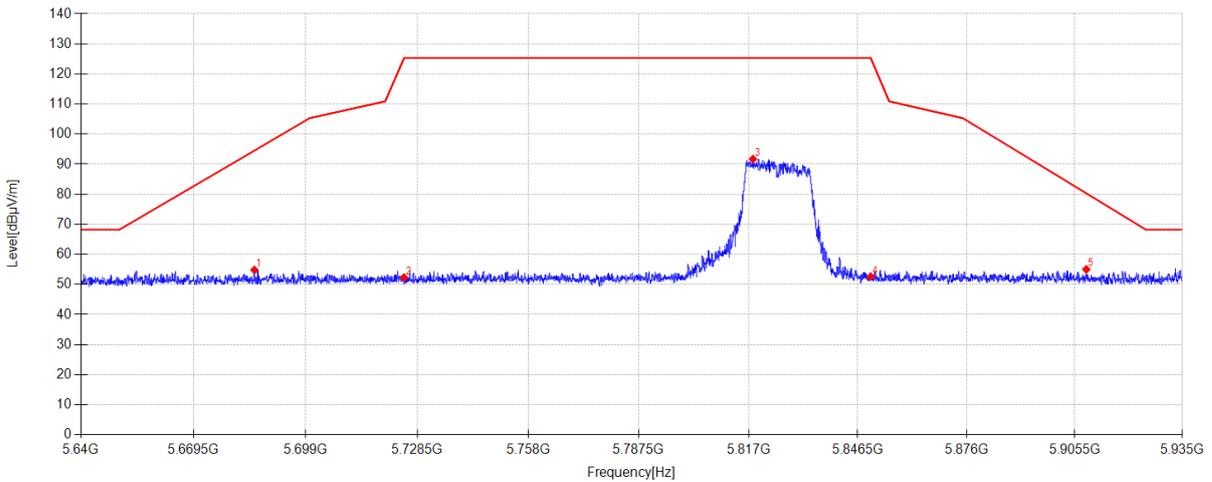
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC20 5825MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\32
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5685.489	45.27	33.54	5.63	-29.60	54.84	94.53	39.69	PK	Vertical
2	5725.000	42.51	33.75	5.66	-29.60	52.32	125.30	72.98	PK	Vertical
3	5818.210	81.48	34.13	5.72	-29.60	91.73	125.30	33.57	PK	Vertical
4	5850.000	42.48	34.00	5.74	-29.60	52.62	125.30	72.68	PK	Vertical
5	5908.657	44.72	34.12	5.78	-29.60	55.02	80.33	25.31	PK	Vertical

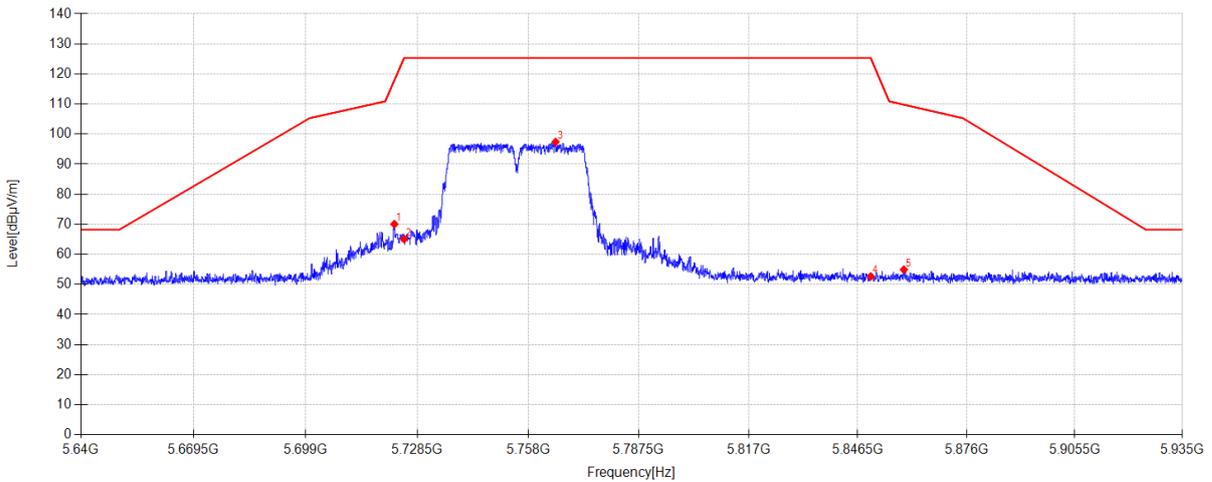
Note:

- 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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11N40 5755MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\33
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.423	60.26	33.73	5.66	-29.60	70.05	117.88	47.83	PK	Horizontal
2	5725.000	55.31	33.75	5.66	-29.60	65.12	125.30	60.18	PK	Horizontal
3	5765.287	87.33	33.99	5.69	-29.60	97.41	125.30	27.89	PK	Horizontal
4	5850.000	42.53	34.00	5.74	-29.60	52.67	125.30	72.63	PK	Horizontal
5	5858.979	44.77	34.02	5.75	-29.60	54.94	109.79	54.85	PK	Horizontal

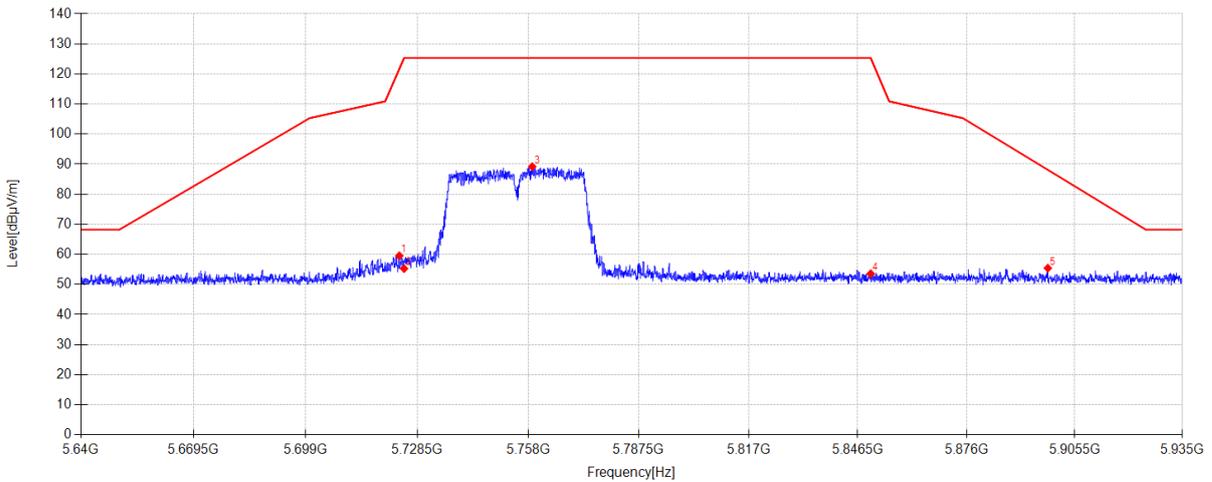
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11N40 5755MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\34
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.751	49.75	33.74	5.66	-29.60	59.55	121.70	62.15	PK	Vertical
2	5725.000	45.46	33.75	5.66	-29.60	55.27	125.30	70.03	PK	Vertical
3	5759.062	79.16	33.95	5.68	-29.60	89.19	125.30	36.11	PK	Vertical
4	5850.000	43.44	34.00	5.74	-29.60	53.58	125.30	71.72	PK	Vertical
5	5898.155	45.17	34.10	5.77	-29.60	55.44	88.12	32.68	PK	Vertical

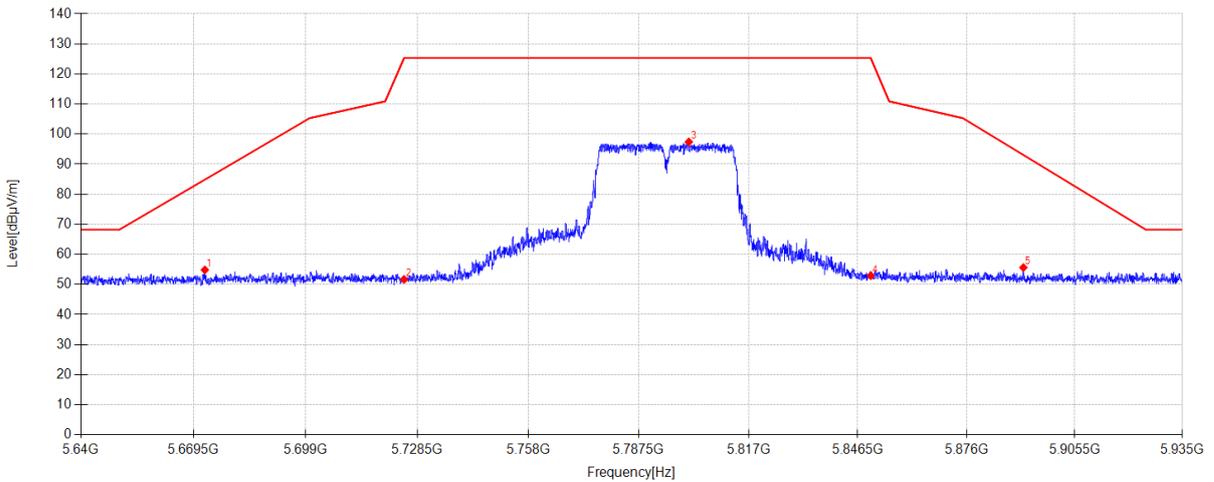
Note:

- 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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11N40 5795MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\35
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5672.450	45.34	33.49	5.62	-29.60	54.85	84.86	30.01	PK	Horizontal
2	5725.000	41.88	33.75	5.66	-29.60	51.69	125.30	73.61	PK	Horizontal
3	5800.952	87.10	34.20	5.71	-29.60	97.41	125.30	27.89	PK	Horizontal
4	5850.000	42.77	34.00	5.74	-29.60	52.91	125.30	72.39	PK	Horizontal
5	5891.488	45.38	34.08	5.77	-29.60	55.63	93.07	37.44	PK	Horizontal

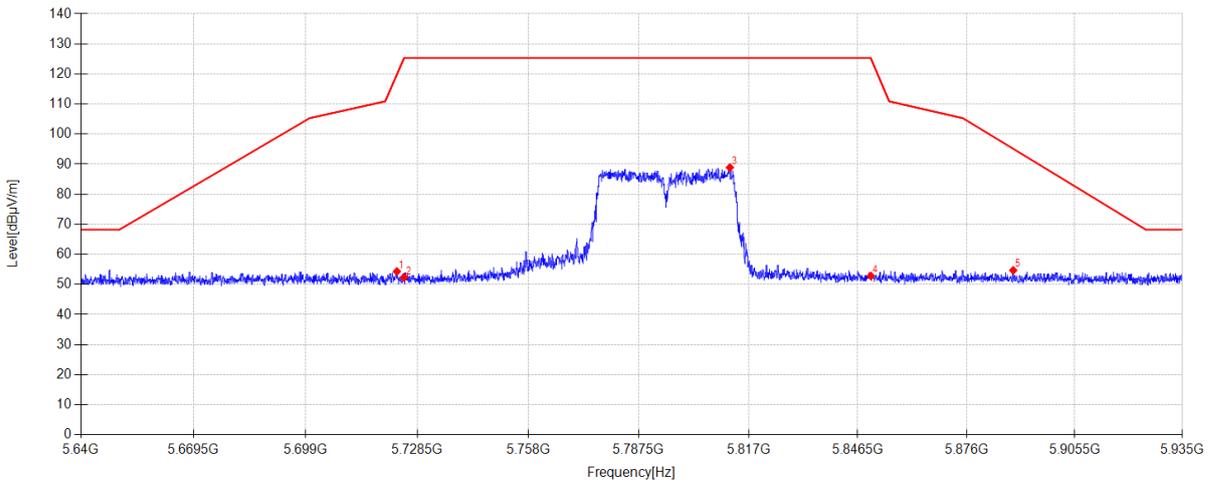
Note:

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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11N40 5795MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\36
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.102	44.52	33.74	5.66	-29.60	54.32	119.83	65.51	PK	Vertical
2	5725.000	42.56	33.75	5.66	-29.60	52.37	125.30	72.93	PK	Vertical
3	5811.985	78.64	34.15	5.72	-29.60	88.91	125.30	36.39	PK	Vertical
4	5850.000	42.71	34.00	5.74	-29.60	52.85	125.30	72.45	PK	Vertical
5	5888.715	44.45	34.08	5.77	-29.60	54.70	95.12	40.42	PK	Vertical

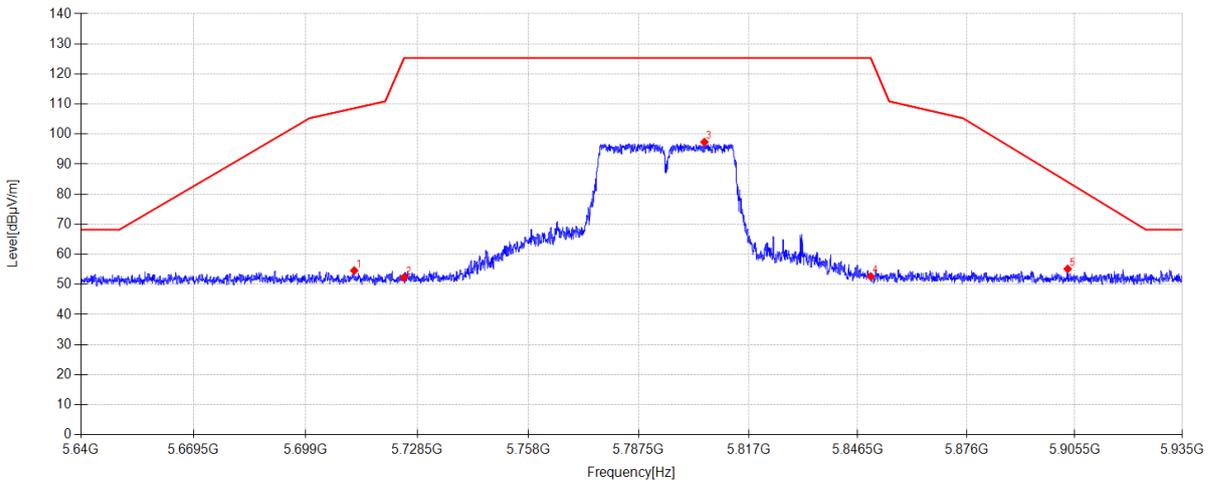
Note:

- 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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC40 5795MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\37
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5711.803	44.90	33.67	5.65	-29.60	54.62	108.60	53.98	PK	Horizontal
2	5725.000	42.51	33.75	5.66	-29.60	52.32	125.30	72.98	PK	Horizontal
3	5805.141	87.07	34.18	5.71	-29.60	97.36	125.30	27.94	PK	Horizontal
4	5850.000	42.54	34.00	5.74	-29.60	52.68	125.30	72.62	PK	Horizontal
5	5903.553	44.87	34.11	5.78	-29.60	55.16	84.11	28.95	PK	Horizontal

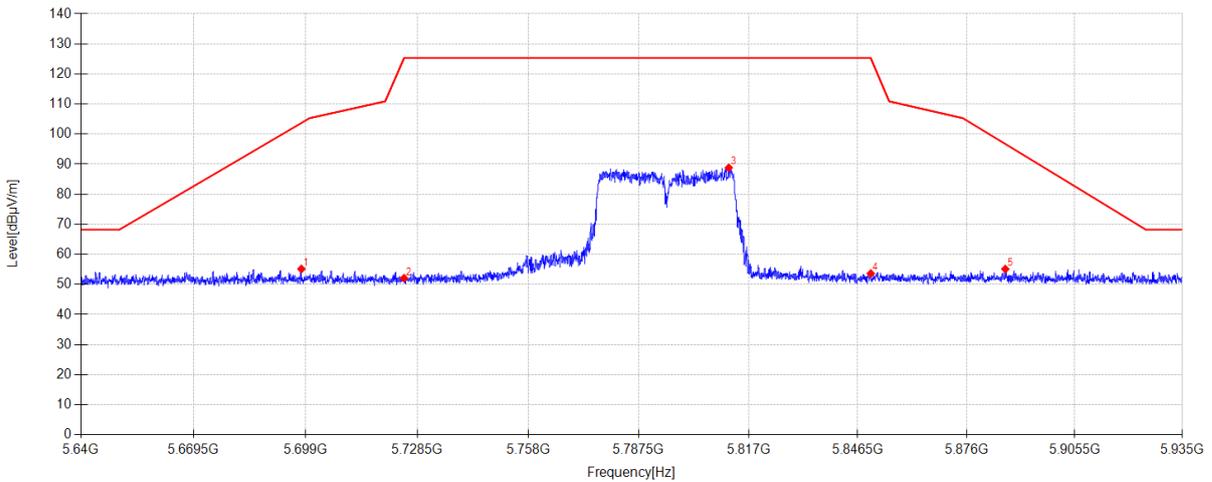
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC40 5795MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\38
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5697.850	45.53	33.59	5.64	-29.60	55.16	103.70	48.54	PK	Vertical
2	5725.000	42.28	33.75	5.66	-29.60	52.09	125.30	73.21	PK	Vertical
3	5811.690	78.55	34.15	5.72	-29.60	88.82	125.30	36.48	PK	Vertical
4	5850.000	43.50	34.00	5.74	-29.60	53.64	125.30	71.66	PK	Vertical
5	5886.561	44.89	34.07	5.77	-29.60	55.13	96.72	41.59	PK	Vertical

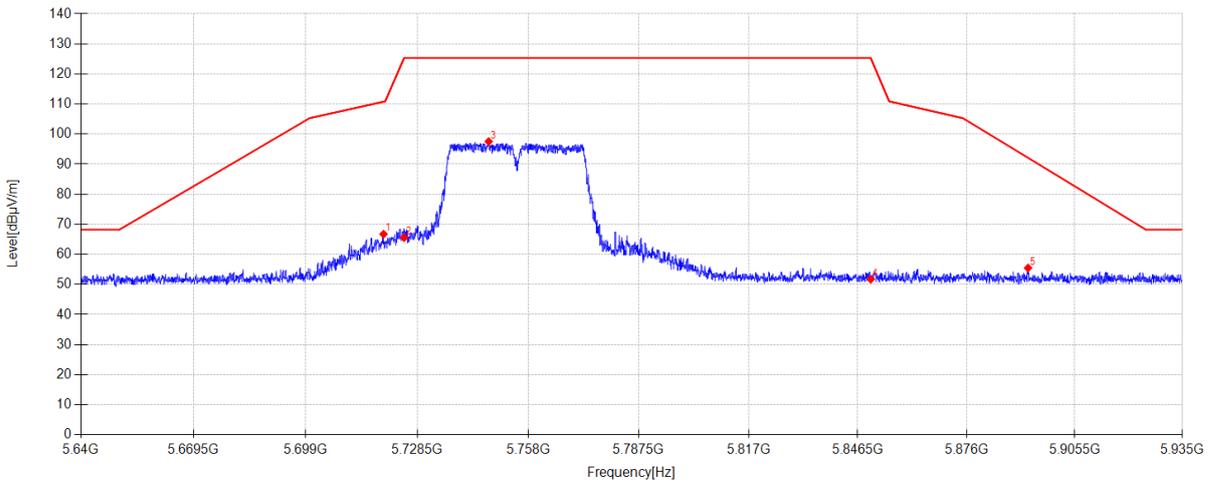
Note:

- 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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC40 5755MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\39
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5719.562	56.96	33.72	5.65	-29.60	66.73	110.78	44.05	PK	Horizontal
2	5725.000	55.76	33.75	5.66	-29.60	65.57	125.30	59.73	PK	Horizontal
3	5747.469	87.59	33.88	5.67	-29.60	97.54	125.30	27.76	PK	Horizontal
4	5850.000	41.60	34.00	5.74	-29.60	51.74	125.30	73.56	PK	Horizontal
5	5892.756	45.23	34.09	5.77	-29.60	55.49	92.13	36.64	PK	Horizontal

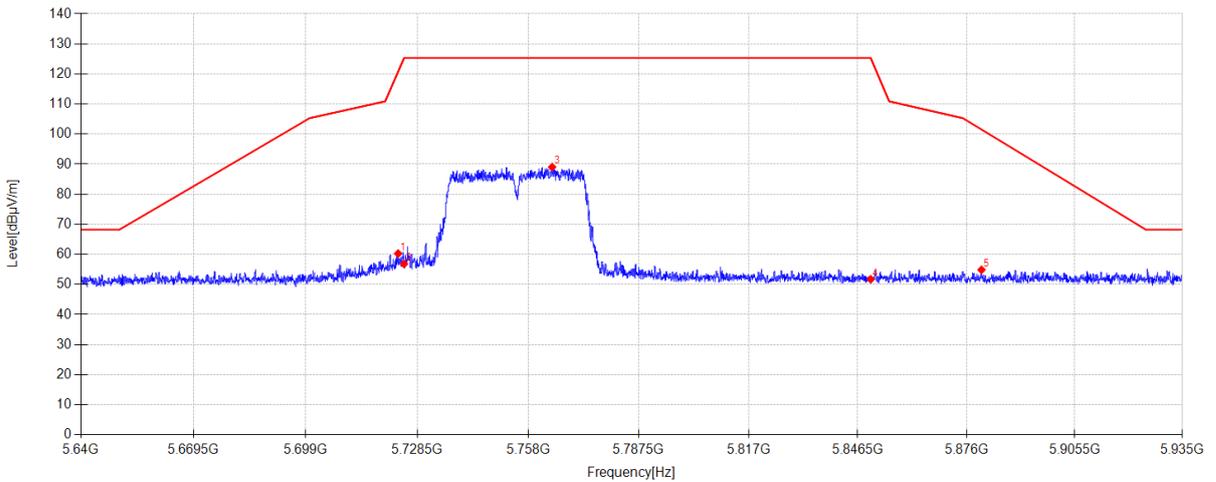
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC40 5755MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\40
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5723.426	50.47	33.74	5.66	-29.60	60.27	120.77	60.50	PK	Vertical
2	5725.000	47.03	33.75	5.66	-29.60	56.84	125.30	68.46	PK	Vertical
3	5764.372	78.98	33.99	5.68	-29.60	89.05	125.30	36.25	PK	Vertical
4	5850.000	41.58	34.00	5.74	-29.60	51.72	125.30	73.58	PK	Vertical
5	5880.071	44.65	34.06	5.76	-29.60	54.87	101.54	46.67	PK	Vertical

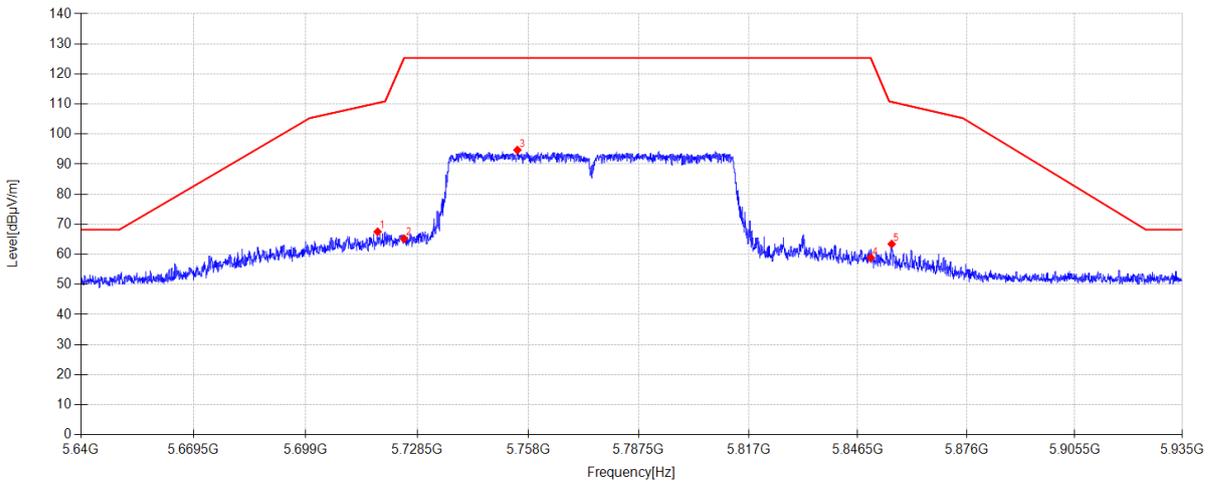
Note:

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: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC80 5775MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\41
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5717.998	57.77	33.71	5.65	-29.60	67.53	110.34	42.81	PK	Horizontal
2	5725.000	55.41	33.75	5.66	-29.60	65.22	125.30	60.08	PK	Horizontal
3	5755.109	84.70	33.93	5.68	-29.60	94.71	125.30	30.59	PK	Horizontal
4	5850.000	48.75	34.00	5.74	-29.60	58.89	125.30	66.41	PK	Horizontal
5	5855.675	53.30	34.01	5.74	-29.60	63.45	110.71	47.26	PK	Horizontal

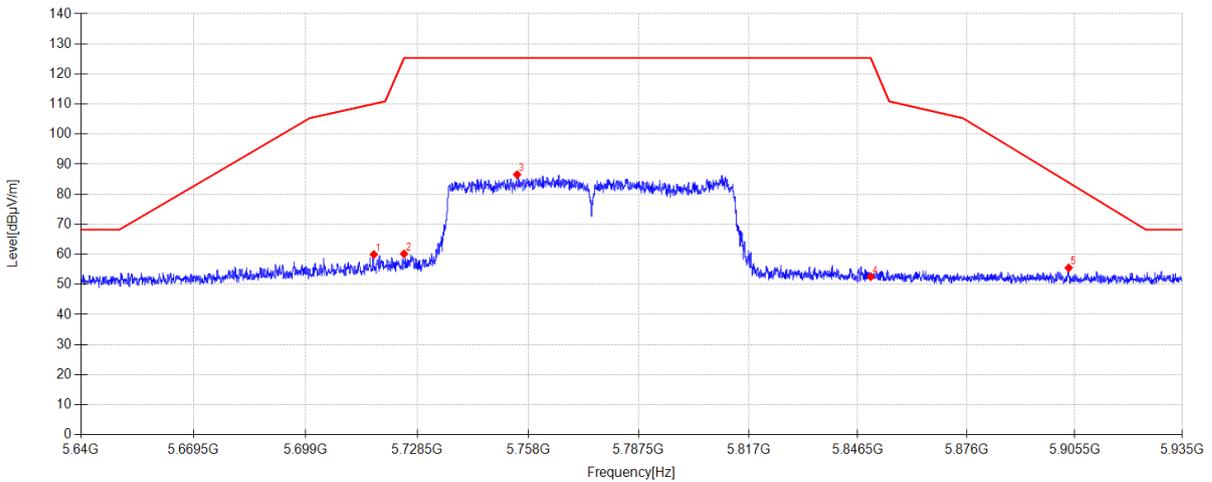
Note:

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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-15 **Tested By:** Zhong Nan
EUT: In-vehicle Multimedia Screen **Model Number:** MTCJ20
Test Mode: 11AC80 5775MHz TX mode **Power Supply:** DC 12V
Condition: Temp:21.4°C;Humi:47.1% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24122405-6E\FCC ABOVE1G MASK\42
Memo: Sample Number:S24122405-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5716.995	50.22	33.70	5.65	-29.60	59.97	110.06	50.09	PK	Vertical
2	5725.000	50.36	33.75	5.66	-29.60	60.17	125.30	65.13	PK	Vertical
3	5755.050	76.52	33.93	5.68	-29.60	86.53	125.30	38.77	PK	Vertical
4	5850.000	42.43	34.00	5.74	-29.60	52.57	125.30	72.73	PK	Vertical
5	5903.848	45.23	34.11	5.78	-29.60	55.52	83.89	28.37	PK	Vertical

Note:

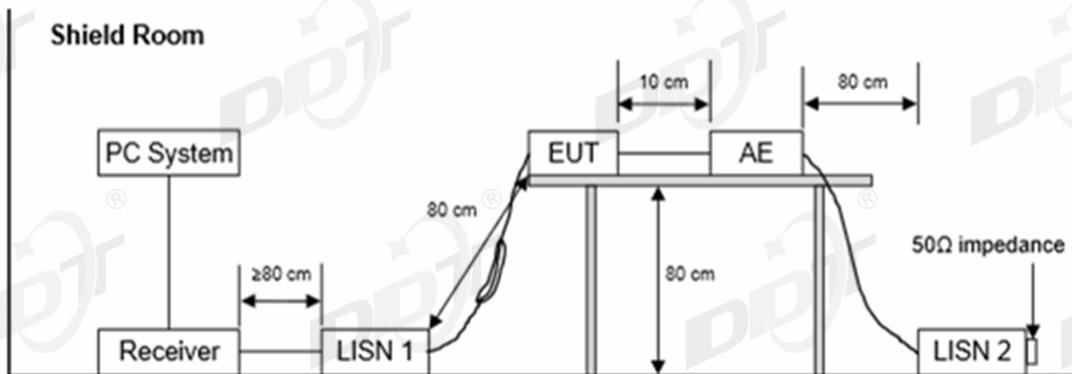
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

15. Power Line Conducted Emissions

15.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
/	/	/	/	/

15.2. Block diagram of test setup



15.3. Limits

Frequency	Quasi-Peak Level dB(uV)	Average Level dB(uV)
150 kHz~500 kHz	66 ~ 56*	56 ~ 46*
500 kHz~5 MHz	56	46
5 MHz~30 MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

15.4. Assistant equipment used for test

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

15.5. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

15.6. Test result

Not applicable. EUT is DC powered.

17. Photos of the EUT

Please refer to DDT-Q24122405-1E appendix I

-----End Report-----