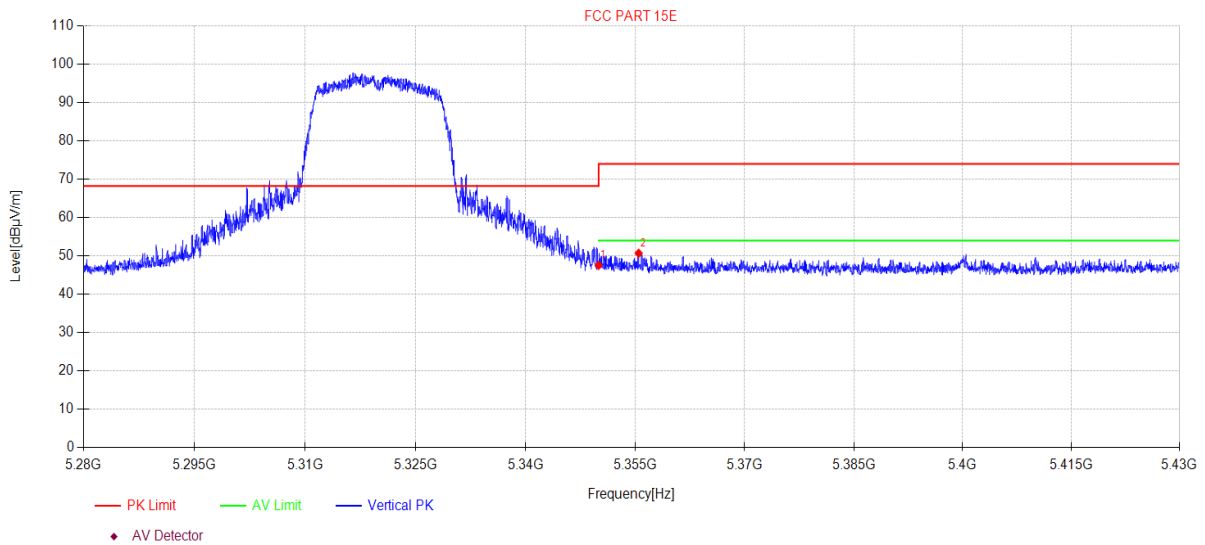


TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-05 **Tested By:** Bairong
EUT: Multimedia **Model Number:** Kansas City 150
Test Mode: 11AC20 5320MHz TX **Power Supply:** DC 12V
Condition: Temp:23.2°C;Humi:45.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5GWIFI48
Memo: Sample Number:S23121811-003 Power Setting:17

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	5350.00	8.75	33.10	5.69	0.00	47.54	74.00	26.46	PK	Vertical
2	5355.48	11.91	33.10	5.69	0.00	50.70	74.00	23.30	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:

2024-01-05

Tested By:

Bairong

EUT:

Multimedia

Model Number:

Kansas City 150

Test Mode:

11AC40 5190MHz TX

Power Supply:

DC 12V

Condition:

Temp:23.2°C;Humi:45.4%

Test Site:

DDT 3# Chamber

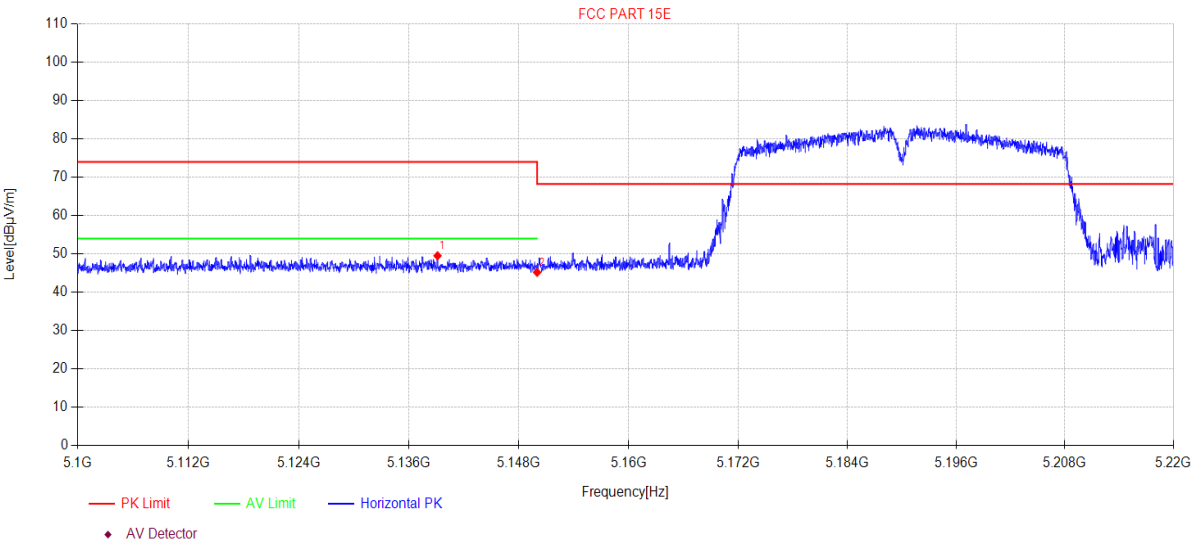
File Path:

d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5GWIFI\31

Memo:

Sample Number:S23121811-003 Power Setting:13

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5139.13	10.54	33.40	5.58	0.00	49.52	74.00	24.48	PK	Horizontal
2	5150.00	6.20	33.40	5.59	0.00	45.19	68.20	23.01	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:

2024-01-05

Tested By:

Bairong

EUT:

Multimedia

Model Number:

Kansas City 150

Test Mode:

11AC40 5190MHz TX

Power Supply:

DC 12V

Condition:

Temp:23.2°C;Humi:45.4%

Test Site:

DDT 3# Chamber

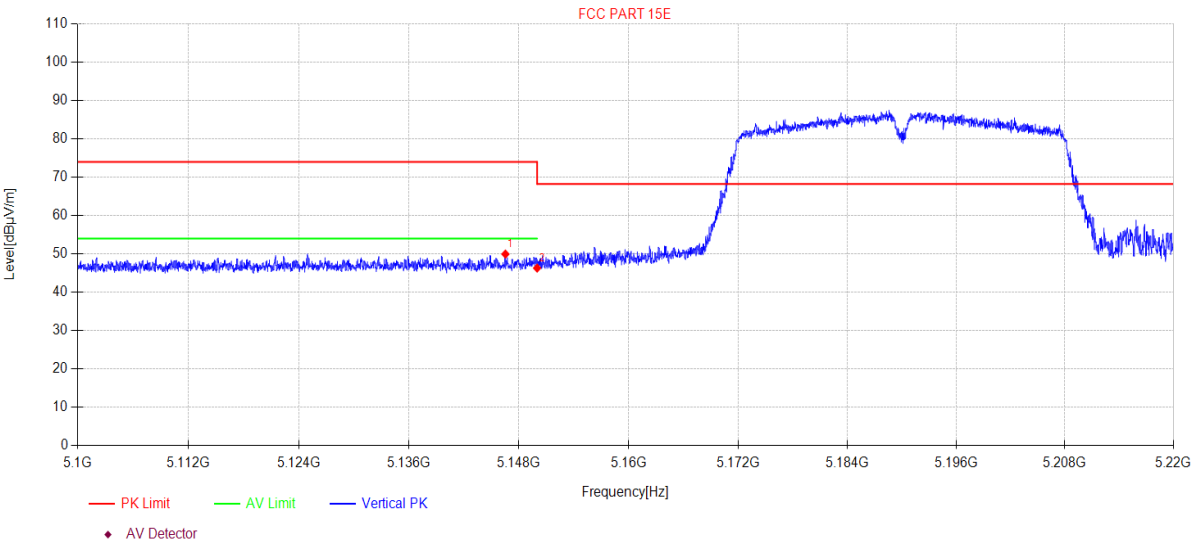
File Path:

d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5GWIFI\32

Memo:

Sample Number:S23121811-003 Power Setting:13

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5146.54	10.98	33.40	5.58	0.00	49.96	74.00	24.04	PK	Vertical
2	5150.00	7.32	33.40	5.59	0.00	46.31	68.20	21.89	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-01-05

Tested By:Bairong

EUT:Multimedia

Model Number:Kansas City 150

Test Mode:11AC40 5310MHz TX

Power Supply:DC 12V

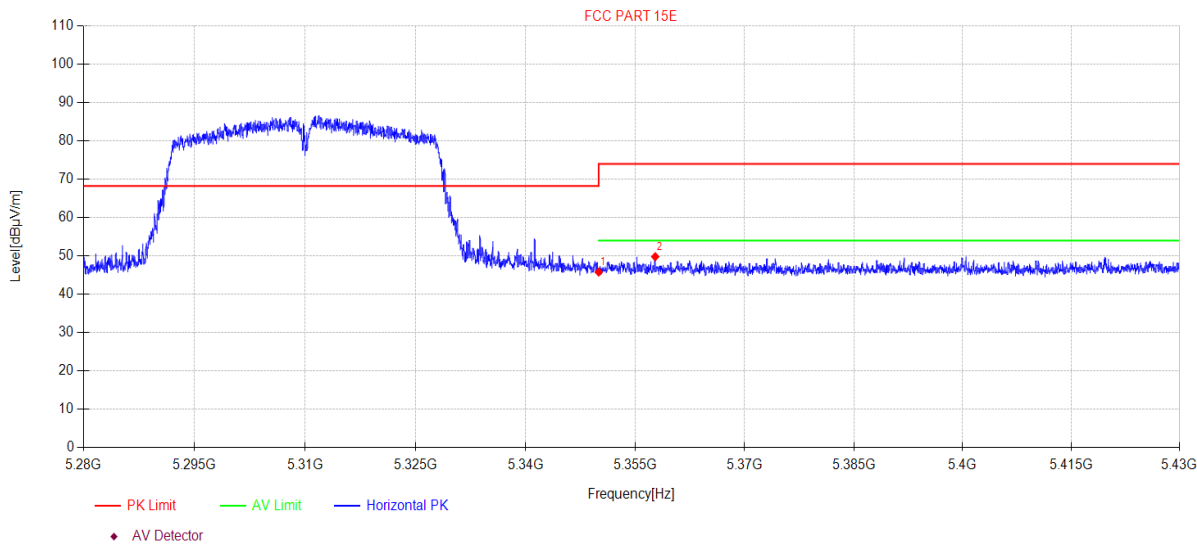
Condition:Temp:23.2°C;Humi:45.4%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5GWiFi\41

Memo:Sample Number:S23121811-003 Power Setting:15

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	5350.00	7.01	33.10	5.69	0.00	45.80	74.00	28.20	PK	Horizontal
2	5357.75	11.01	33.10	5.69	0.00	49.80	74.00	24.20	PK	Horizontal

Note:

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

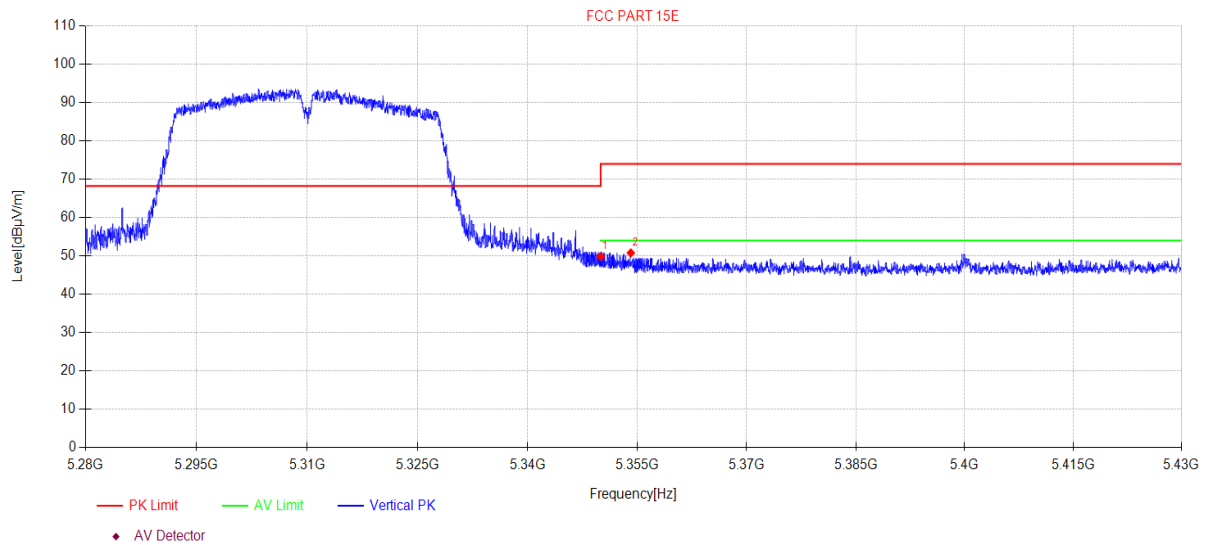
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-05 **Tested By:** Bairong
EUT: Multimedia **Model Number:** Kansas City 150
Test Mode: 11AC40 5310MHz TX **Power Supply:** DC 12V
Condition: Temp:23.2°C;Humi:45.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5GWIFI42
Memo: Sample Number:S23121811-003 Power Setting:15

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	5350.00	11.05	33.10	5.69	0.00	49.84	74.00	24.16	PK	Vertical
2	5354.13	11.99	33.10	5.69	0.00	50.78	74.00	23.22	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: 2024-01-05 Tested By: Bairong

EUT: Multimedia Model Number: Kansas City 150

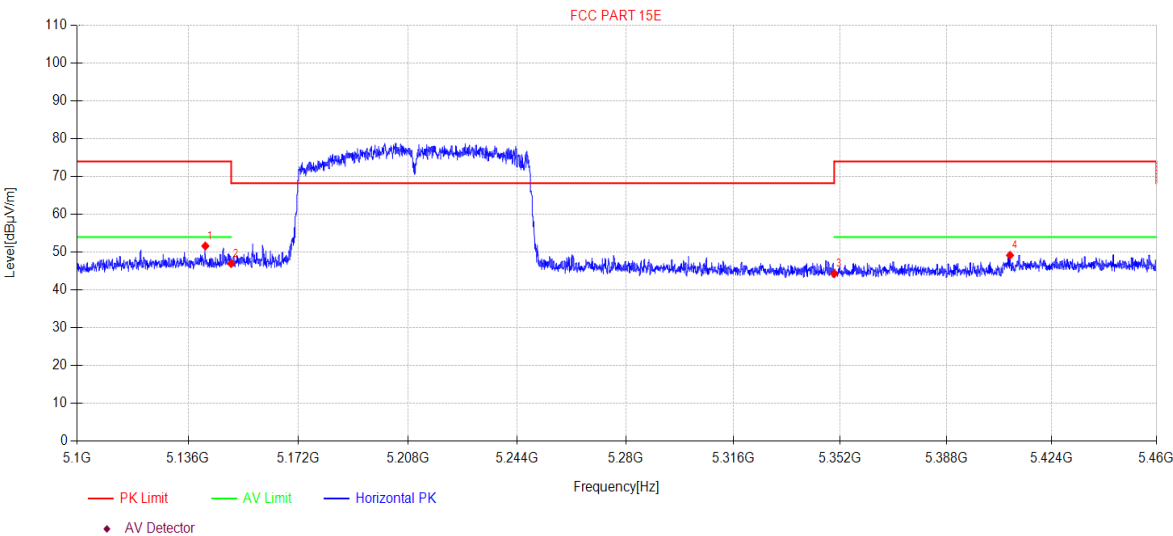
Test Mode: 11AC80 5210MHz TX Power Supply: DC 12V

Condition: Temp:23.2°C;Humi:45.4% Test Site: DDT 3# Chamber

File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5GWIFI\33

Memo: Sample Number:S23121811-003 Power Setting:15

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	5141.62	12.64	33.40	5.58	0.00	51.62	74.00	22.38	PK	Horizontal
2	5150.00	8.01	33.40	5.59	0.00	47.00	68.20	21.20	PK	Horizontal
3	5350.00	5.52	33.10	5.69	0.00	44.31	74.00	29.69	PK	Horizontal
4	5409.78	10.38	33.08	5.71	0.00	49.17	74.00	24.83	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.

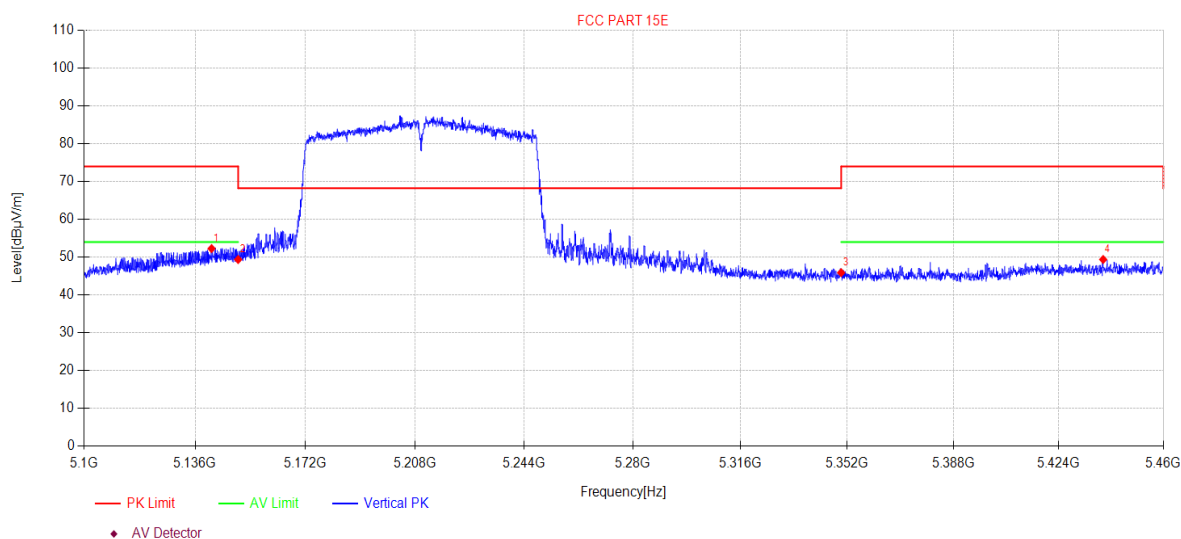
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-05
EUT: Multimedia
Test Mode: 11AC80 5210MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5GWIFI\34
Memo: Sample Number:S23121811-003 Power Setting:15

Tested By: Bairong
Model Number: Kansas City 150
Power Supply: DC 12V
Test Site: DDT 3# Chamber

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	5141.36	13.29	33.40	5.58	0.00	52.27	74.00	21.73	PK	Vertical
2	5150.00	10.39	33.40	5.59	0.00	49.38	68.20	18.82	PK	Vertical
3	5350.00	7.12	33.10	5.69	0.00	45.91	74.00	28.09	PK	Vertical
4	5439.30	10.64	33.02	5.73	0.00	49.39	74.00	24.61	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:

2024-01-05

Tested By:

Bairong

EUT:

Multimedia

Model Number:

Kansas City 150

Test Mode:

11AC80 5290MHz TX

Power Supply:

DC 12V

Condition:

Temp:23.2°C;Humi:45.4%

Test Site:

DDT 3# Chamber

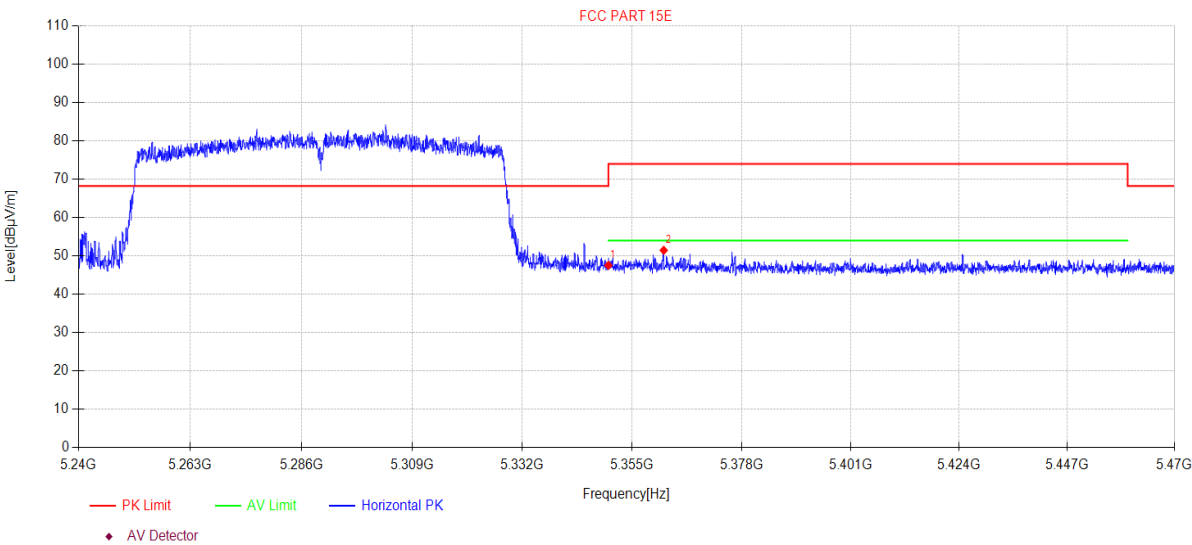
File Path:

d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5GWIFI\37

Memo:

Sample Number:S23121811-003 Power Setting:15

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	5350.00	8.76	33.10	5.69	0.00	47.55	74.00	26.45	PK	Horizontal
2	5361.62	12.68	33.10	5.69	0.00	51.47	74.00	22.53	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:

2024-01-05

Tested By:

Bairong

EUT:

Multimedia

Model Number:

Kansas City 150

Test Mode:

11AC80 5290MHz TX

Power Supply:

DC 12V

Condition:

Temp:23.2°C;Humi:45.4%

Test Site:

DDT 3# Chamber

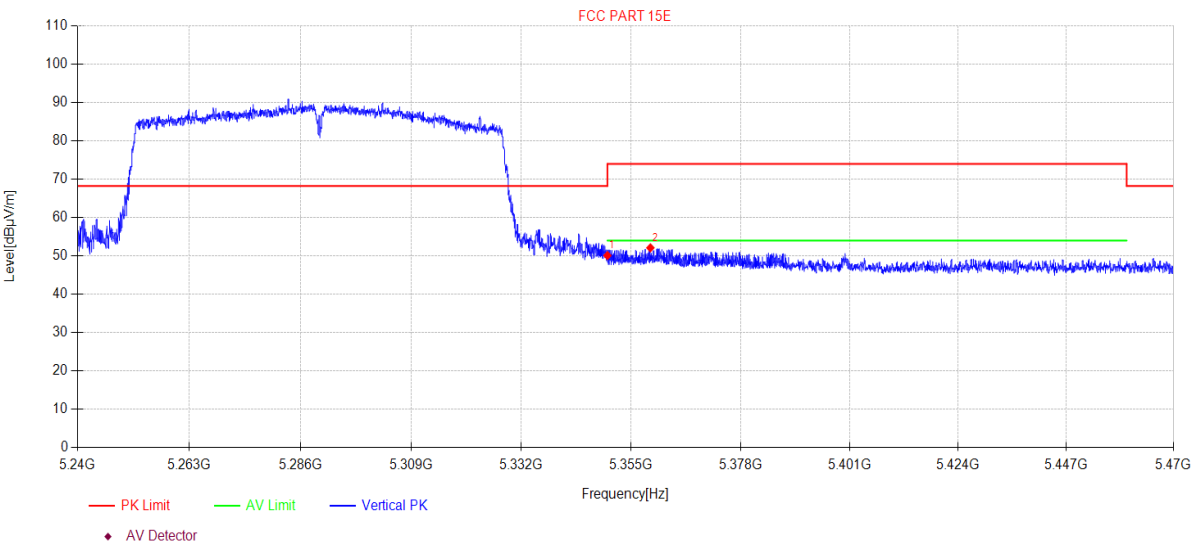
File Path:

d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5GWIFI\38

Memo:

Sample Number:S23121811-003 Power Setting:15

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	5350.00	11.31	33.10	5.69	0.00	50.10	74.00	23.90	PK	Vertical
2	5359.03	13.32	33.10	5.69	0.00	52.11	74.00	21.89	PK	Vertical

Note:

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

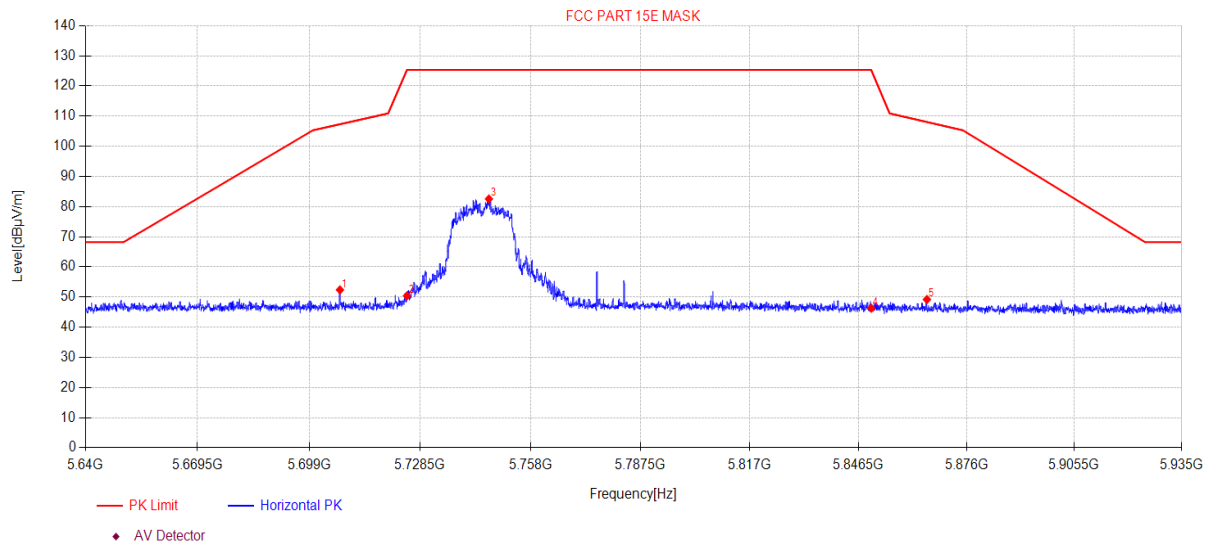
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-05 **Tested By:** Bairong
EUT: Multimedia **Model Number:** Kansas City 150
Test Mode: 11A 5745MHz TX **Power Supply:** DC 12V
Condition: Temp:23.2°C;Humi:45.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\9
Memo: Sample Number: S23121811-003

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	5707.20	12.87	33.64	5.86	0.00	52.37	107.32	54.95	PK	Horizontal
2	5725.00	10.76	33.75	5.87	0.00	50.38	125.30	74.92	PK	Horizontal
3	5746.88	42.78	33.88	5.88	0.00	82.54	125.30	42.76	PK	Horizontal
4	5850.00	6.35	34.00	5.94	0.00	46.29	125.27	78.98	PK	Horizontal
5	5865.17	9.22	34.03	5.94	0.00	49.19	108.05	58.86	PK	Horizontal

Note:

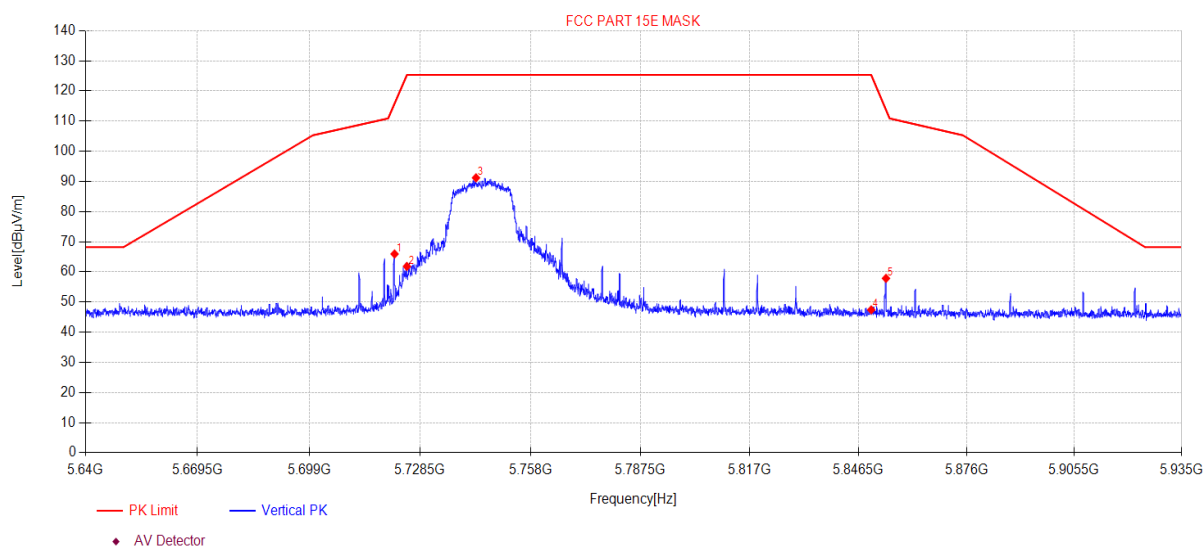
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-05
EUT: Multimedia
Test Mode: 11A 5745MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8WIFI\10
Memo: Sample Number: S23121811-003

Tested By: Bairong
Model Number: Kansas City 150
Power Supply: DC 12V
Test Site: DDT 3# Chamber

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	5721.72	26.33	33.73	5.87	0.00	65.93	115.84	49.91	PK	Vertical
2	5725.00	22.19	33.75	5.87	0.00	61.81	125.30	63.49	PK	Vertical
3	5743.43	51.45	33.86	5.88	0.00	91.19	125.30	34.11	PK	Vertical
4	5850.00	7.48	34.00	5.94	0.00	47.42	125.27	77.85	PK	Vertical
5	5854.02	17.90	34.01	5.94	0.00	57.85	113.72	55.87	PK	Vertical

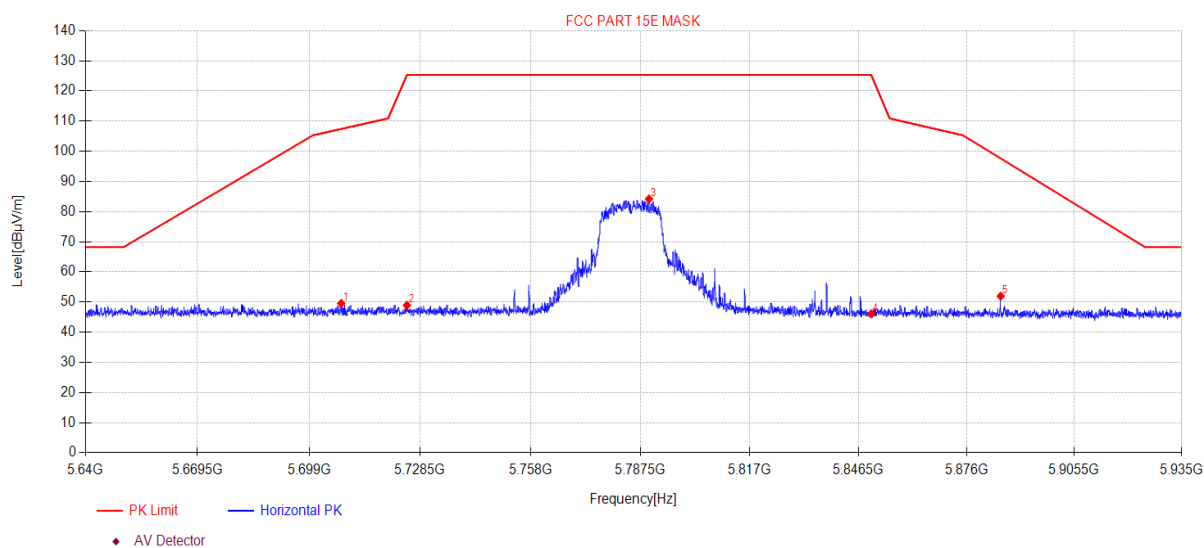
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-05 **Tested By:** Bairong
EUT: Multimedia **Model Number:** Kansas City 150
Test Mode: 11A 5785MHz TX **Power Supply:** DC 12V
Condition: Temp:23.2°C;Humi:45.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\11
Memo: Sample Number: S23121811-003

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	5707.53	10.04	33.65	5.86	0.00	49.55	107.41	57.86	PK	Horizontal
2	5725.00	9.29	33.75	5.87	0.00	48.91	125.30	76.39	PK	Horizontal
3	5789.83	44.14	34.14	5.90	0.00	84.18	125.30	41.12	PK	Horizontal
4	5850.00	6.16	34.00	5.94	0.00	46.10	125.27	79.17	PK	Horizontal
5	5885.32	11.94	34.07	5.95	0.00	51.96	97.64	45.68	PK	Horizontal

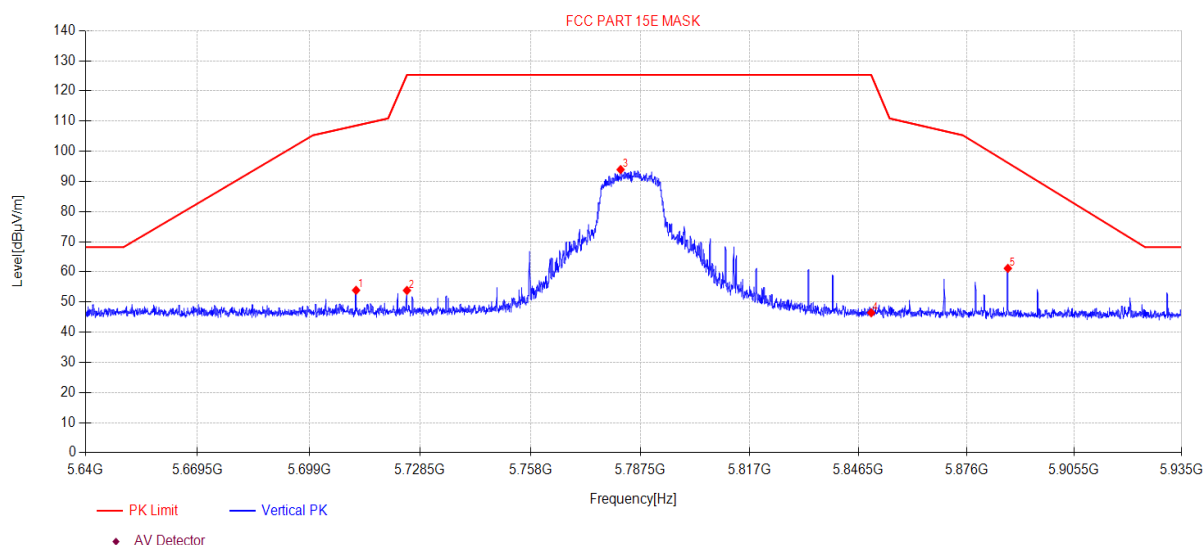
Note:

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: 2024-01-05
EUT: Multimedia
Test Mode: 11A 5785MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\12
Memo: Sample Number: S23121811-003

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	5711.48	14.35	33.67	5.87	0.00	53.89	108.51	54.62	PK	Vertical
2	5725.00	14.22	33.75	5.87	0.00	53.84	125.30	71.46	PK	Vertical
3	5782.19	53.93	34.09	5.90	0.00	93.92	125.30	31.38	PK	Vertical
4	5850.00	6.49	34.00	5.94	0.00	46.43	125.27	78.84	PK	Vertical
5	5887.30	21.14	34.07	5.95	0.00	61.16	96.17	35.01	PK	Vertical

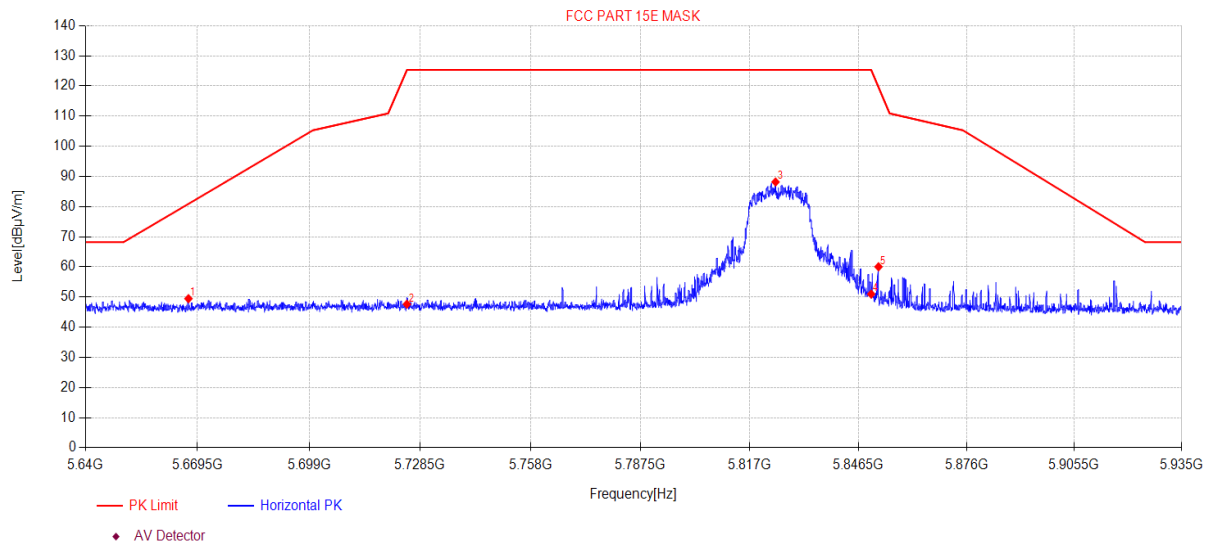
Note:

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: 2024-01-05
EUT: Multimedia
Test Mode: 11A 5825MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\13
Memo: Sample Number: S23121811-003

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	5667.11	10.15	33.47	5.84	0.00	49.46	80.90	31.44	PK	Horizontal
2	5725.00	8.01	33.75	5.87	0.00	47.63	125.30	77.67	PK	Horizontal
3	5824.02	48.14	34.10	5.92	0.00	88.16	125.30	37.14	PK	Horizontal
4	5850.00	11.04	34.00	5.94	0.00	50.98	125.27	74.29	PK	Horizontal
5	5851.99	20.09	34.00	5.94	0.00	60.03	119.58	59.55	PK	Horizontal

Note:

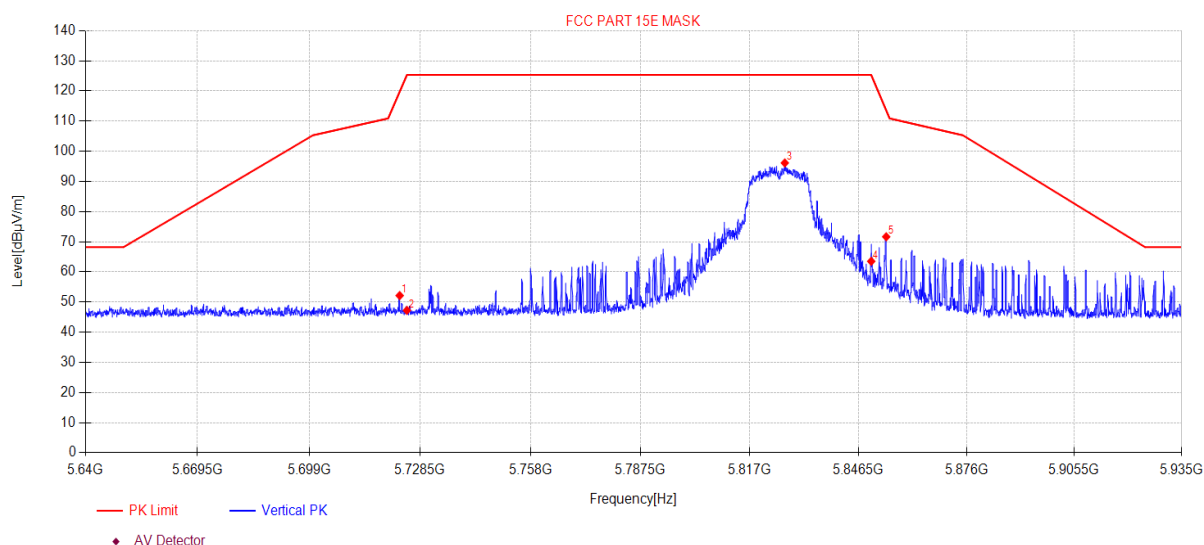
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-05
EUT: Multimedia
Test Mode: 11A 5825MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\14
Memo: Sample Number: S23121811-003

Tested By: Bairong
Model Number: Kansas City 150
Power Supply: DC 12V
Test Site: DDT 3# Chamber

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	5723.07	12.54	33.74	5.87	0.00	52.15	119.75	67.60	PK	Vertical
2	5725.00	7.61	33.75	5.87	0.00	47.23	125.30	78.07	PK	Vertical
3	5826.53	56.13	34.09	5.92	0.00	96.14	125.30	29.16	PK	Vertical
4	5850.00	23.56	34.00	5.94	0.00	63.50	125.27	61.77	PK	Vertical
5	5854.08	31.69	34.01	5.94	0.00	71.64	113.55	41.91	PK	Vertical

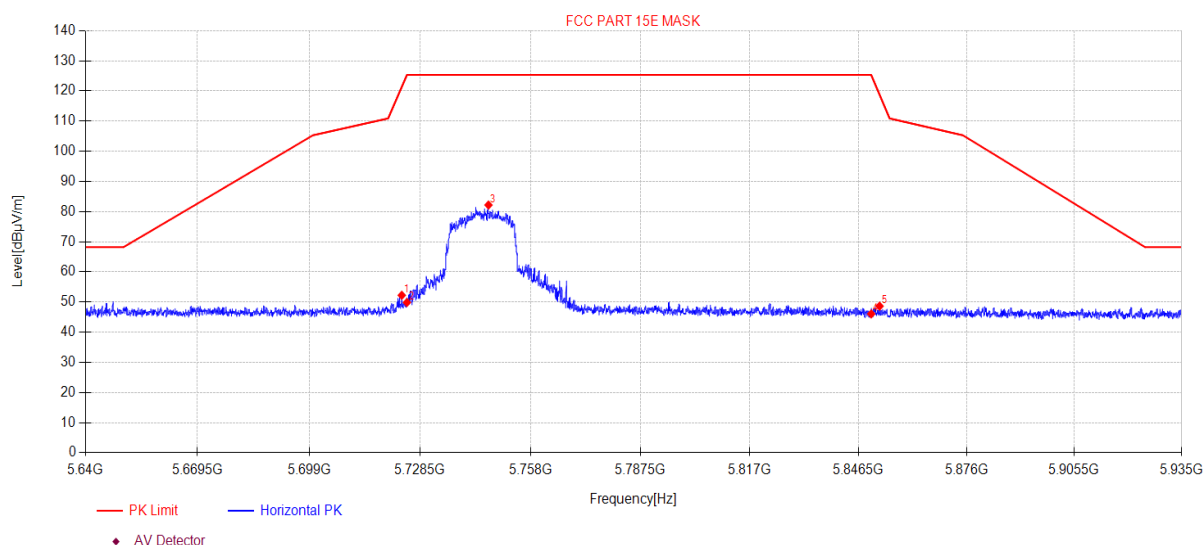
Note:

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: 2024-01-05 **Tested By:** Bairong
EUT: Multimedia **Model Number:** Kansas City 150
Test Mode: 11N20 5745MHz TX **Power Supply:** DC 12V
Condition: Temp:23.2°C;Humi:45.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\15
Memo: Sample Number: S23121811-003

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	5723.63	12.62	33.74	5.87	0.00	52.23	121.36	69.13	PK	Horizontal
2	5725.00	10.24	33.75	5.87	0.00	49.86	125.30	75.44	PK	Horizontal
3	5746.76	42.42	33.88	5.88	0.00	82.18	125.30	43.12	PK	Horizontal
4	5850.00	6.13	34.00	5.94	0.00	46.07	125.27	79.20	PK	Horizontal
5	5852.28	8.69	34.00	5.94	0.00	48.63	118.73	70.10	PK	Horizontal

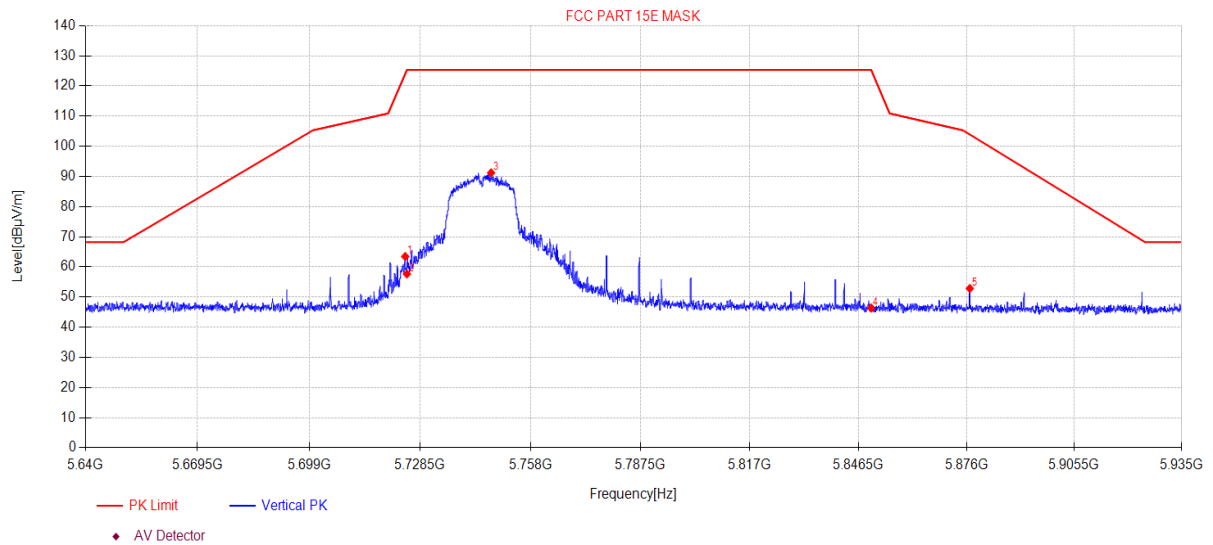
Note:

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: 2024-01-05 **Tested By:** Bairong
EUT: Multimedia **Model Number:** Kansas City 150
Test Mode: 11N20 5745MHz TX **Power Supply:** DC 12V
Condition: Temp:23.2°C;Humi:45.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\16
Memo: Sample Number: S23121811-003

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	5724.55	23.82	33.75	5.87	0.00	63.44	124.00	60.56	PK	Vertical
2	5725.00	18.04	33.75	5.87	0.00	57.66	125.30	67.64	PK	Vertical
3	5747.47	51.44	33.88	5.88	0.00	91.20	125.30	34.10	PK	Vertical
4	5850.00	6.42	34.00	5.94	0.00	46.36	125.27	78.91	PK	Vertical
5	5876.89	12.84	34.05	5.95	0.00	52.84	103.90	51.06	PK	Vertical

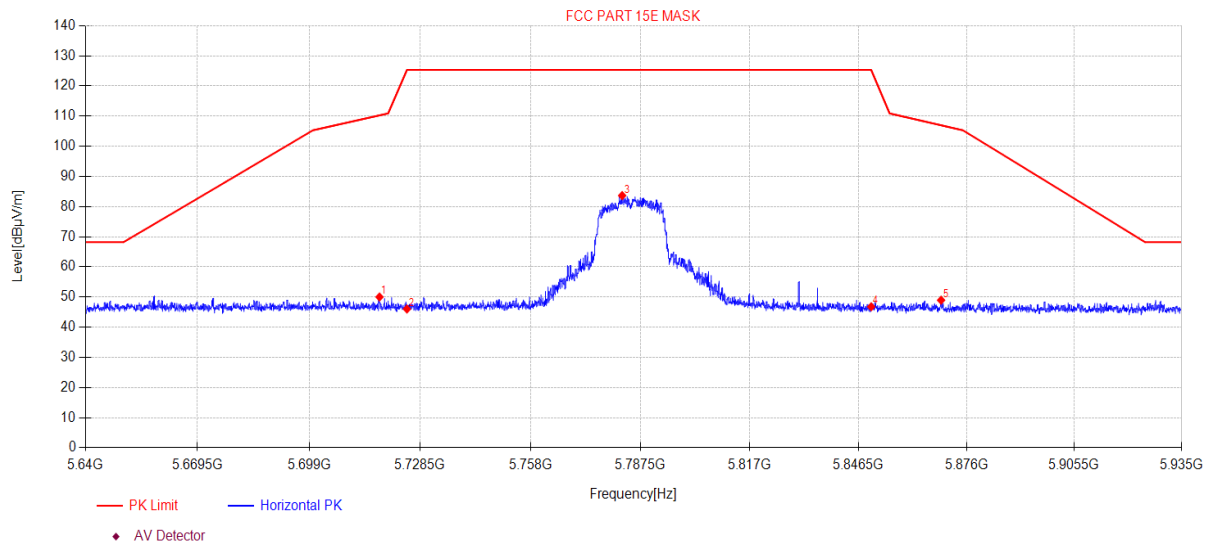
Note:

- 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: 2024-01-05
EUT: Multimedia
Test Mode: 11N20 5785MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\17
Memo: Sample Number: S23121811-003

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	5717.70	10.44	33.71	5.87	0.00	50.02	110.26	60.24	PK	Horizontal
2	5725.00	6.42	33.75	5.87	0.00	46.04	125.30	79.26	PK	Horizontal
3	5782.60	43.64	34.10	5.90	0.00	83.64	125.30	41.66	PK	Horizontal
4	5850.00	6.85	34.00	5.94	0.00	46.79	125.27	78.48	PK	Horizontal
5	5869.04	8.97	34.04	5.94	0.00	48.95	106.97	58.02	PK	Horizontal

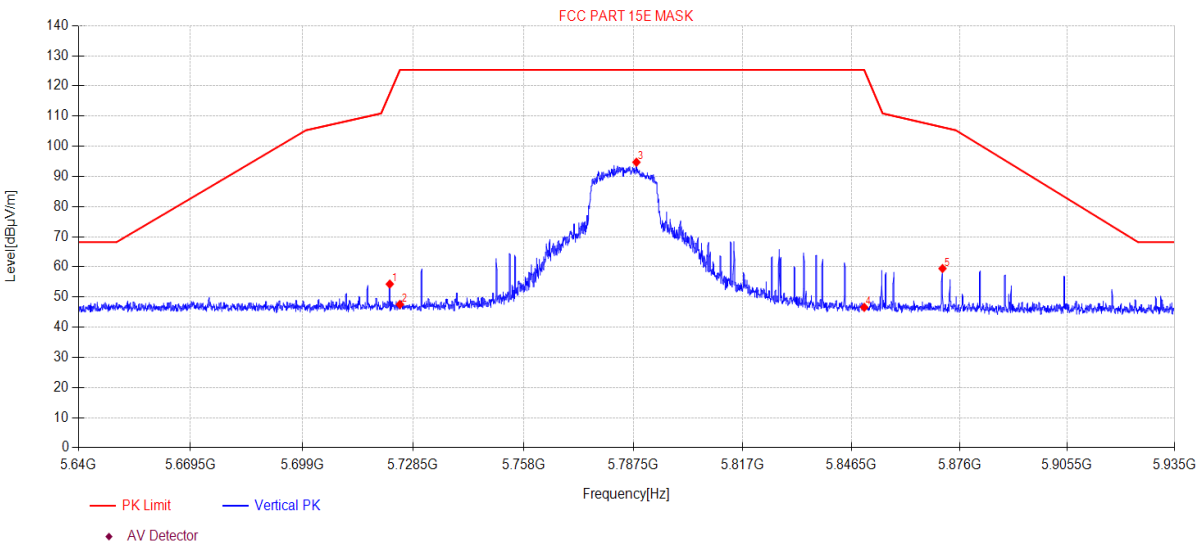
Note:

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: 2024-01-05 Tested By: Bairong
EUT: Multimedia Model Number: Kansas City 150
Test Mode: 11N20 5785MHz TX Power Supply: DC 12V
Condition: Temp:23.2°C;Humi:45.4% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\18
Memo: Sample Number: S23121811-003

Test Graph



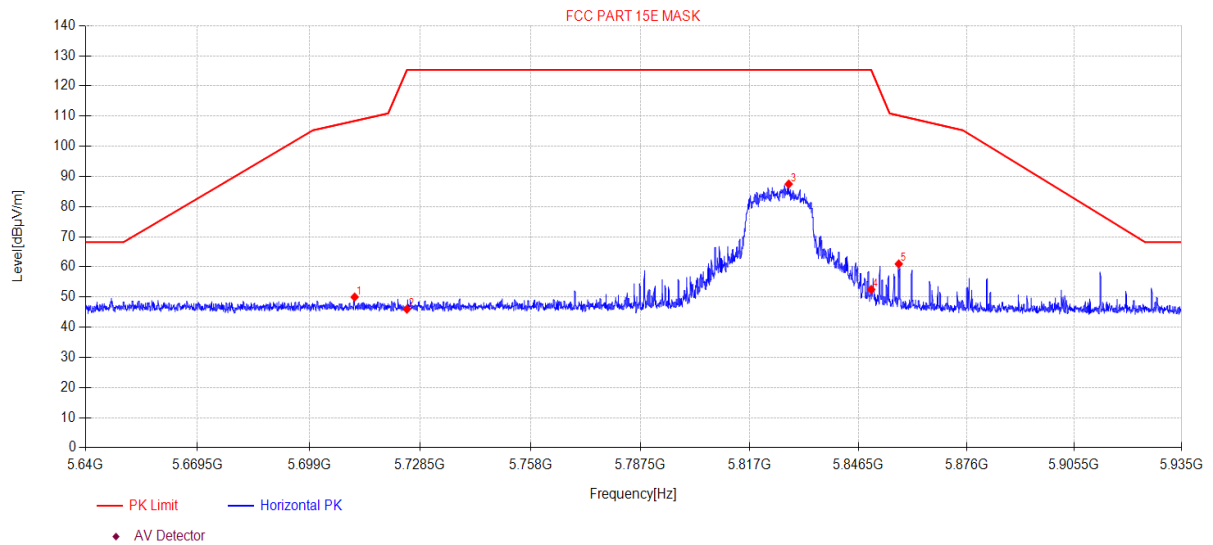
Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.31	14.70	33.73	5.87	0.00	54.30	117.54	63.24	PK	Vertical
2	5725.00	7.92	33.75	5.87	0.00	47.54	125.30	77.76	PK	Vertical
3	5788.33	54.68	34.13	5.90	0.00	94.71	125.30	30.59	PK	Vertical
4	5850.00	6.64	34.00	5.94	0.00	46.58	125.27	78.69	PK	Vertical
5	5871.34	19.46	34.04	5.95	0.00	59.45	106.33	46.88	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: 2024-01-05
EUT: Multimedia
Test Mode: 11N20 5825MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\19
Memo: Sample Number: S23121811-003

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	5711.10	10.45	33.67	5.87	0.00	49.99	108.41	58.42	PK	Horizontal
2	5725.00	6.36	33.75	5.87	0.00	45.98	125.30	79.32	PK	Horizontal
3	5827.59	47.45	34.09	5.92	0.00	87.46	125.30	37.84	PK	Horizontal
4	5850.00	12.55	34.00	5.94	0.00	52.49	125.27	72.78	PK	Horizontal
5	5857.50	21.01	34.02	5.94	0.00	60.97	110.20	49.23	PK	Horizontal

Note:

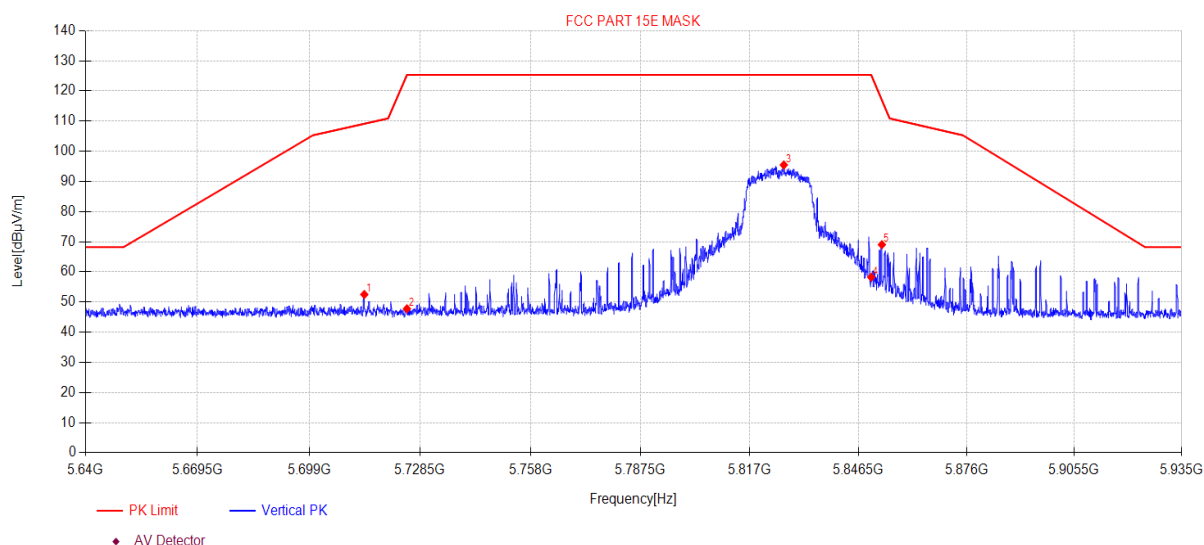
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-05
EUT: Multimedia
Test Mode: 11N20 5825MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\20
Memo: Sample Number: S23121811-003

Tested By: Bairong
Model Number: Kansas City 150
Power Supply: DC 12V
Test Site: DDT 3# Chamber

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	5713.66	12.95	33.68	5.87	0.00	52.50	109.13	56.63	PK	Vertical
2	5725.00	8.13	33.75	5.87	0.00	47.75	125.30	77.55	PK	Vertical
3	5826.26	55.46	34.09	5.92	0.00	95.47	125.30	29.83	PK	Vertical
4	5850.00	18.29	34.00	5.94	0.00	58.23	125.27	67.04	PK	Vertical
5	5852.90	29.08	34.01	5.94	0.00	69.03	116.94	47.91	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:

2024-01-05

Tested By:

Bairong

EUT:

Multimedia

Model Number:

Kansas City 150

Test Mode:

11N40 5755MHz TX

Power Supply:

DC 12V

Condition:

Temp:23.2°C;Humi:45.4%

Test Site:

DDT 3# Chamber

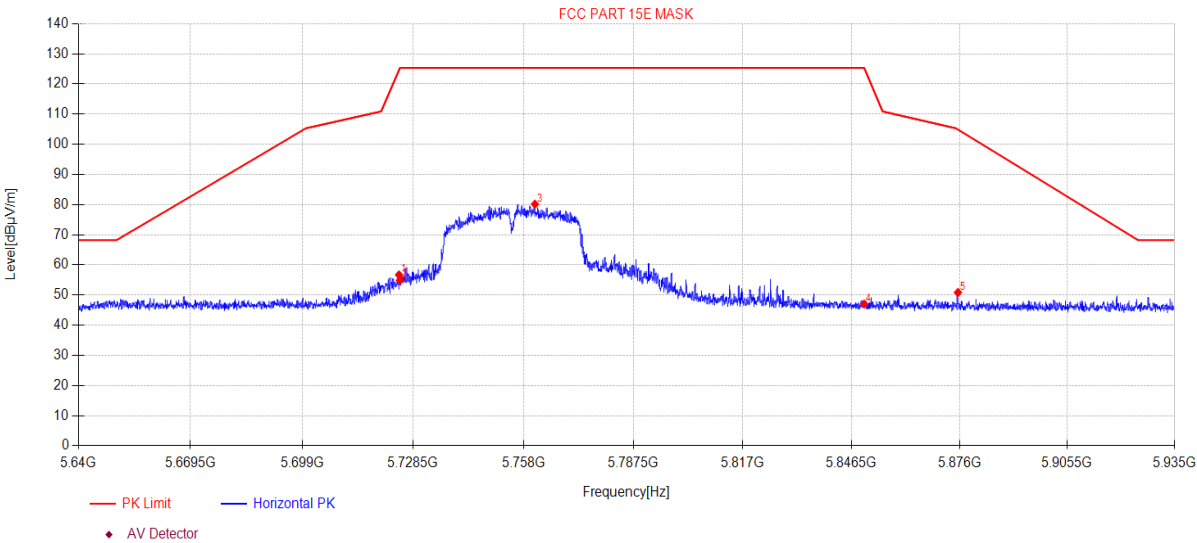
File Path:

d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\21

Memo:

Sample Number: S23121811-003

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	5724.75	17.07	33.75	5.87	0.00	56.69	124.59	67.90	PK	Horizontal
2	5725.00	15.21	33.75	5.87	0.00	54.83	125.30	70.47	PK	Horizontal
3	5761.07	40.28	33.97	5.89	0.00	80.14	125.30	45.16	PK	Horizontal
4	5850.00	7.06	34.00	5.94	0.00	47.00	125.27	78.27	PK	Horizontal
5	5875.56	10.85	34.05	5.95	0.00	50.85	104.89	54.04	PK	Horizontal

Note:

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

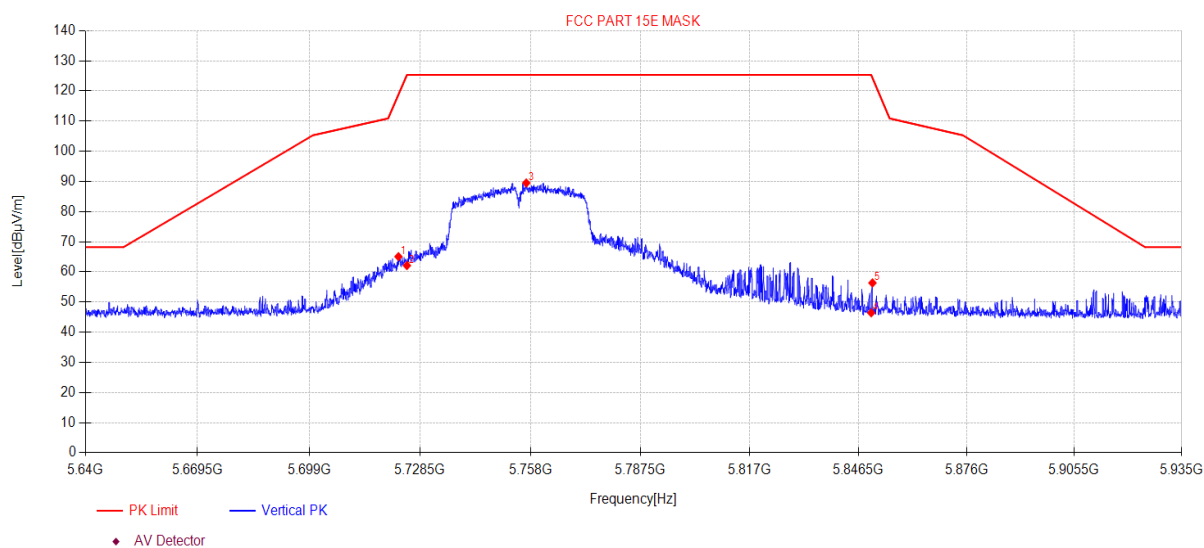
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-05
EUT: Multimedia
Test Mode: 11N40 5755MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8WIFI\22
Memo: Sample Number: S23121811-003

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	5722.75	25.45	33.74	5.87	0.00	65.06	118.81	53.75	PK	Vertical
2	5725.00	22.48	33.75	5.87	0.00	62.10	125.30	63.20	PK	Vertical
3	5756.88	49.66	33.94	5.89	0.00	89.49	125.30	35.81	PK	Vertical
4	5850.00	6.48	34.00	5.94	0.00	46.42	125.27	78.85	PK	Vertical
5	5850.34	16.40	34.00	5.94	0.00	56.34	124.34	68.00	PK	Vertical

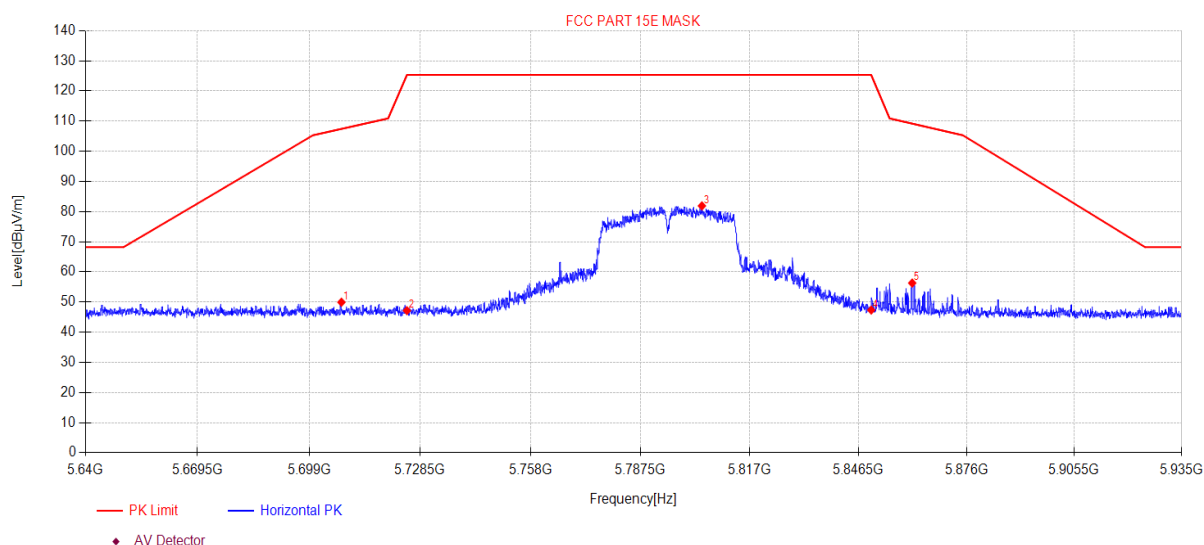
Note:

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: 2024-01-05
EUT: Multimedia
Test Mode: 11N40 5795MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\23
Memo: Sample Number: S23121811-003

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	5707.58	10.44	33.65	5.86	0.00	49.95	107.42	57.47	PK	Horizontal
2	5725.00	7.52	33.75	5.87	0.00	47.14	125.30	78.16	PK	Horizontal
3	5804.11	41.80	34.18	5.91	0.00	81.89	125.30	43.41	PK	Horizontal
4	5850.00	7.40	34.00	5.94	0.00	47.34	125.27	77.93	PK	Horizontal
5	5861.16	16.34	34.02	5.94	0.00	56.30	109.17	52.87	PK	Horizontal

Note:

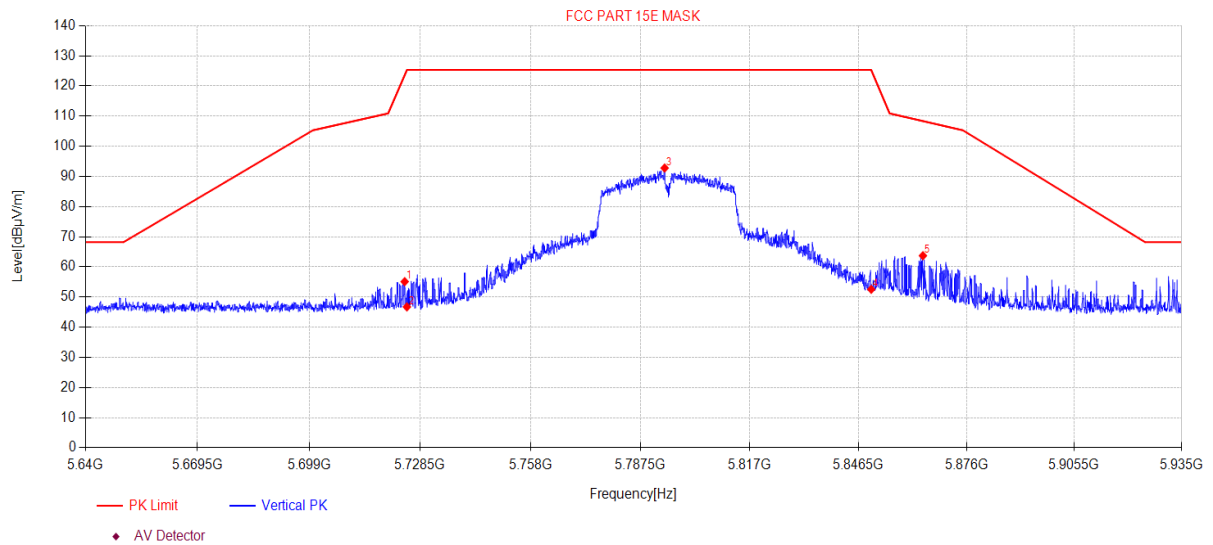
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-05
EUT: Multimedia
Test Mode: 11N40 5795MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\24
Memo: Sample Number: S23121811-003

Tested By: Bairong
Model Number: Kansas City 150
Power Supply: DC 12V
Test Site: DDT 3# Chamber

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	5724.40	15.49	33.75	5.87	0.00	55.11	123.57	68.46	PK	Vertical
2	5725.00	7.11	33.75	5.87	0.00	46.73	125.30	78.57	PK	Vertical
3	5794.05	52.72	34.16	5.91	0.00	92.79	125.30	32.51	PK	Vertical
4	5850.00	12.61	34.00	5.94	0.00	52.55	125.27	72.72	PK	Vertical
5	5864.08	23.74	34.03	5.94	0.00	63.71	108.36	44.65	PK	Vertical

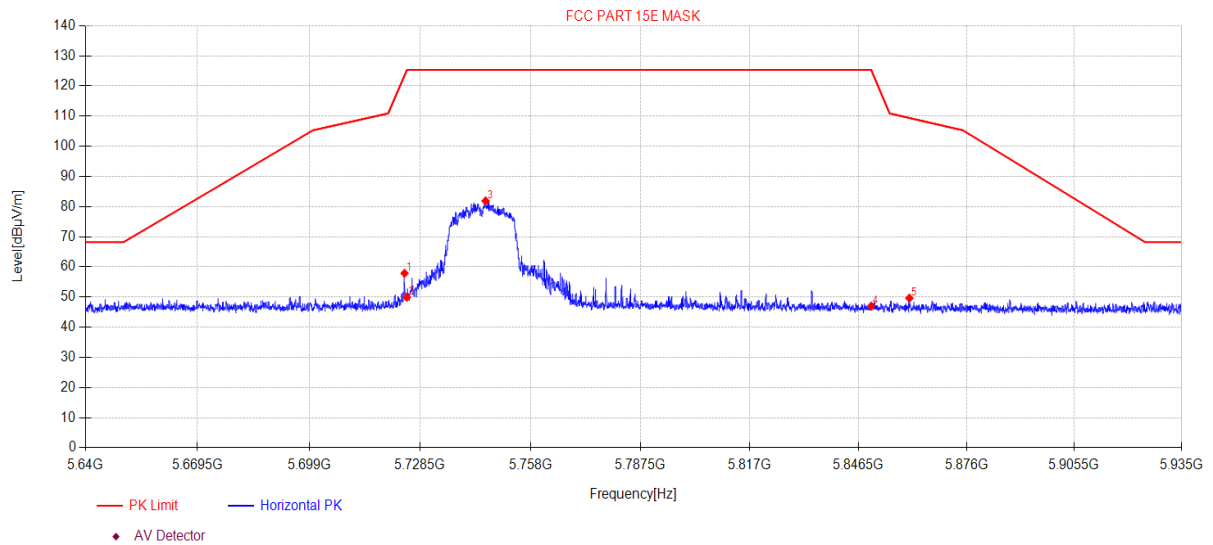
Note:

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: 2024-01-05
EUT: Multimedia
Test Mode: 11AC20 5745MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\25
Memo: Sample Number: S23121811-003

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	5724.37	18.25	33.75	5.87	0.00	57.87	123.49	65.62	PK	Horizontal
2	5725.00	10.33	33.75	5.87	0.00	49.95	125.30	75.35	PK	Horizontal
3	5745.99	42.11	33.88	5.88	0.00	81.87	125.30	43.43	PK	Horizontal
4	5850.00	7.07	34.00	5.94	0.00	47.01	125.27	78.26	PK	Horizontal
5	5860.39	9.67	34.02	5.94	0.00	49.63	109.39	59.76	PK	Horizontal

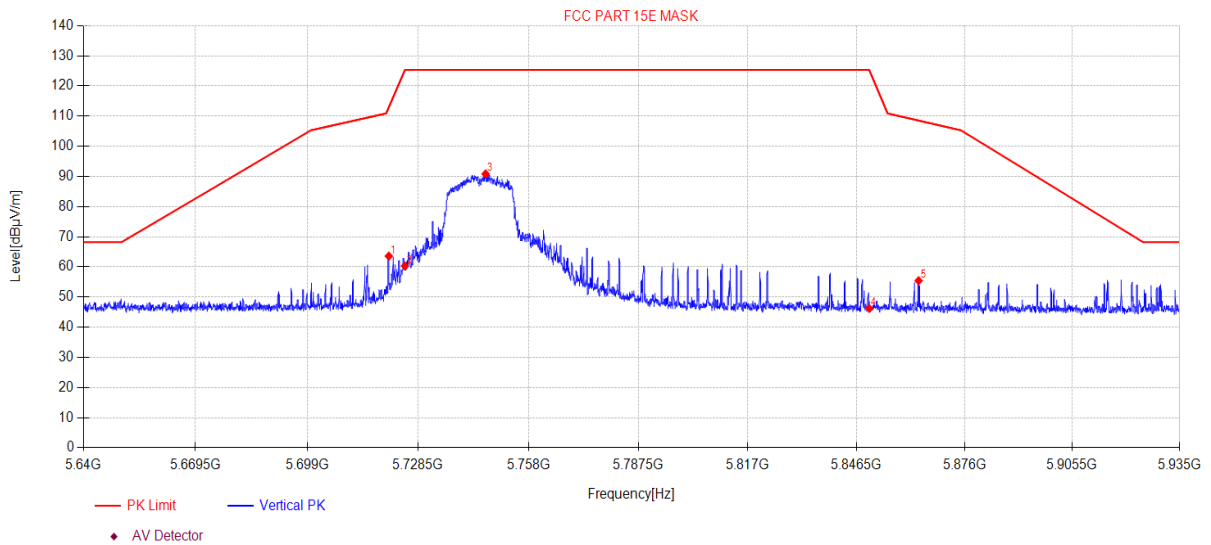
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-05
EUT: Multimedia
Test Mode: 11AC20 5745MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\26
Memo: Sample Number: S23121811-003

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	5720.71	23.99	33.72	5.87	0.00	63.58	112.95	49.37	PK	Vertical
2	5725.00	20.68	33.75	5.87	0.00	60.30	125.30	65.00	PK	Vertical
3	5746.52	51.07	33.88	5.88	0.00	90.83	125.30	34.47	PK	Vertical
4	5850.00	6.28	34.00	5.94	0.00	46.22	125.27	79.05	PK	Vertical
5	5863.46	15.44	34.03	5.94	0.00	55.41	108.53	53.12	PK	Vertical

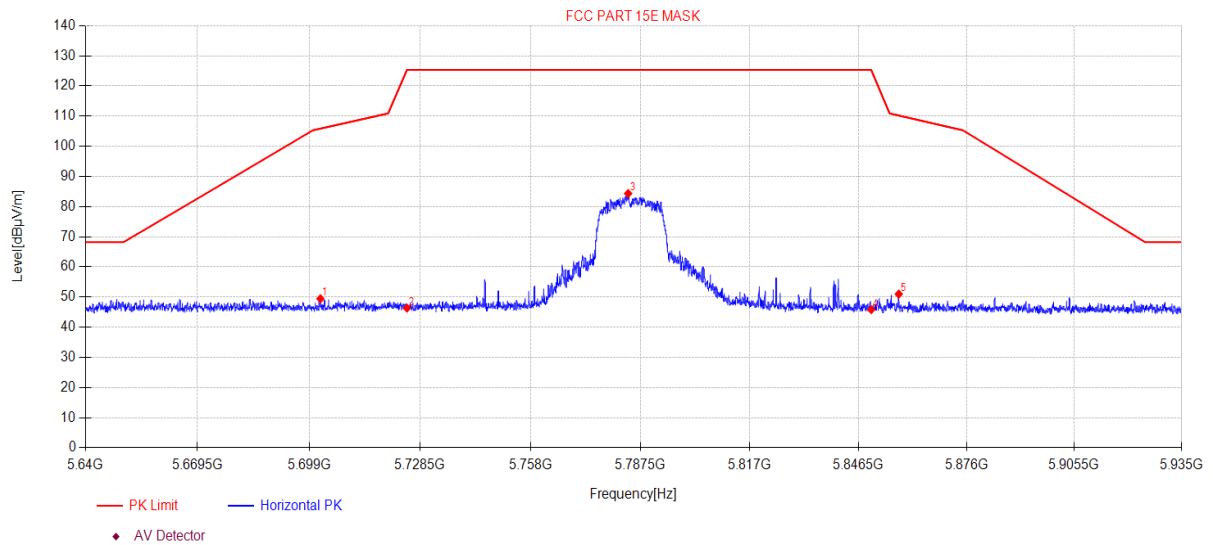
Note:

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: 2024-01-05
EUT: Multimedia
Test Mode: 11AC20 5785MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\27
Memo: Sample Number: S23121811-003

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5702.01	9.96	33.61	5.86	0.00	49.43	105.86	56.43	PK	Horizontal
2	5725.00	6.71	33.75	5.87	0.00	46.33	125.30	78.97	PK	Horizontal
3	5784.23	44.32	34.11	5.90	0.00	84.33	125.30	40.97	PK	Horizontal
4	5850.00	5.88	34.00	5.94	0.00	45.82	125.27	79.45	PK	Horizontal
5	5857.50	11.02	34.02	5.94	0.00	50.98	110.20	59.22	PK	Horizontal

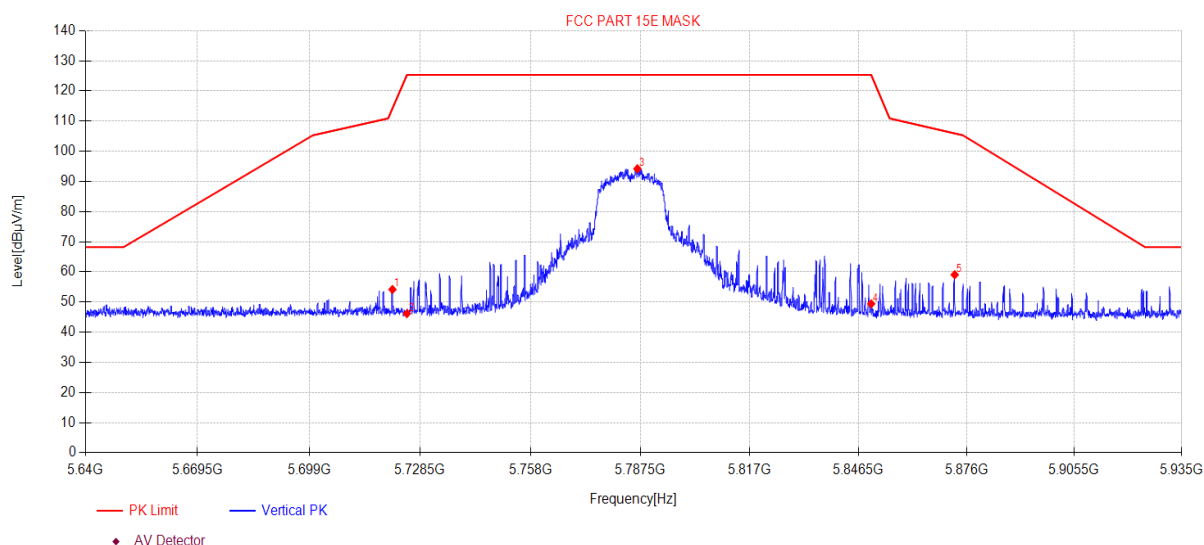
Note:

- 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: 2024-01-05 **Tested By:** Bairong
EUT: Multimedia **Model Number:** Kansas City 150
Test Mode: 11AC20 5785MHz TX **Power Supply:** DC 12V
Condition: Temp:23.2°C;Humi:45.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\28
Memo: Sample Number: S23121811-003

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	5721.15	14.57	33.73	5.87	0.00	54.17	114.22	60.05	PK	Vertical
2	5725.00	6.54	33.75	5.87	0.00	46.16	125.30	79.14	PK	Vertical
3	5786.70	54.17	34.12	5.90	0.00	94.19	125.30	31.11	PK	Vertical
4	5850.00	9.46	34.00	5.94	0.00	49.40	125.27	75.87	PK	Vertical
5	5872.76	19.06	34.05	5.95	0.00	59.06	105.93	46.87	PK	Vertical

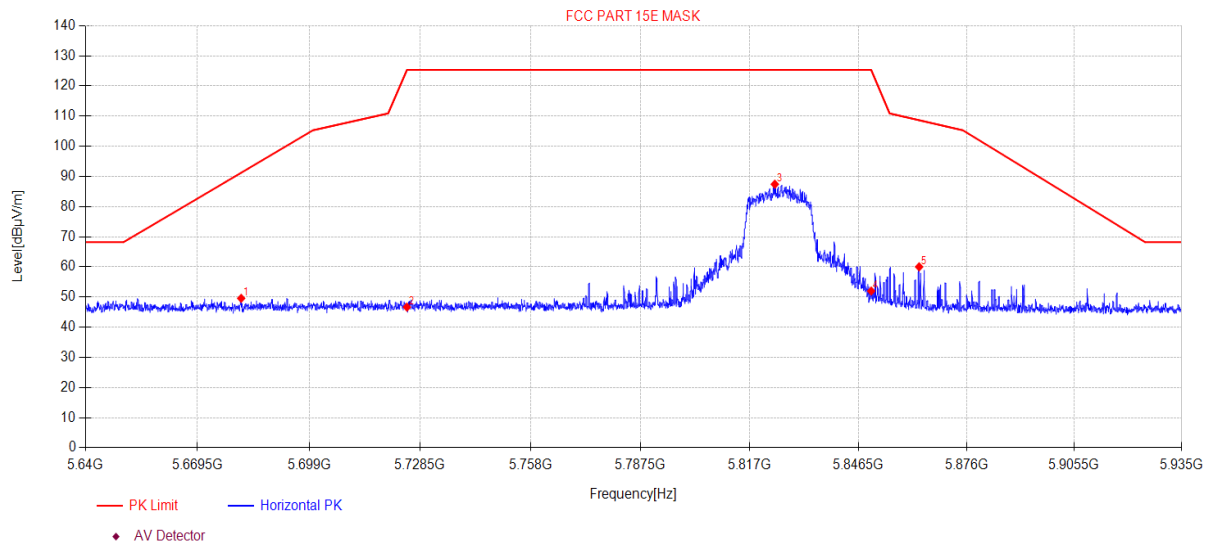
Note:

- 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: 2024-01-05
EUT: Multimedia
Test Mode: 11AC20 5825MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\29
Memo: Sample Number: S23121811-003

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	5681.03	10.20	33.52	5.85	0.00	49.57	91.23	41.66	PK	Horizontal
2	5725.00	7.04	33.75	5.87	0.00	46.66	125.30	78.64	PK	Horizontal
3	5823.81	47.39	34.10	5.92	0.00	87.41	125.30	37.89	PK	Horizontal
4	5850.00	12.06	34.00	5.94	0.00	52.00	125.27	73.27	PK	Horizontal
5	5863.05	20.04	34.03	5.94	0.00	60.01	108.65	48.64	PK	Horizontal

Note:

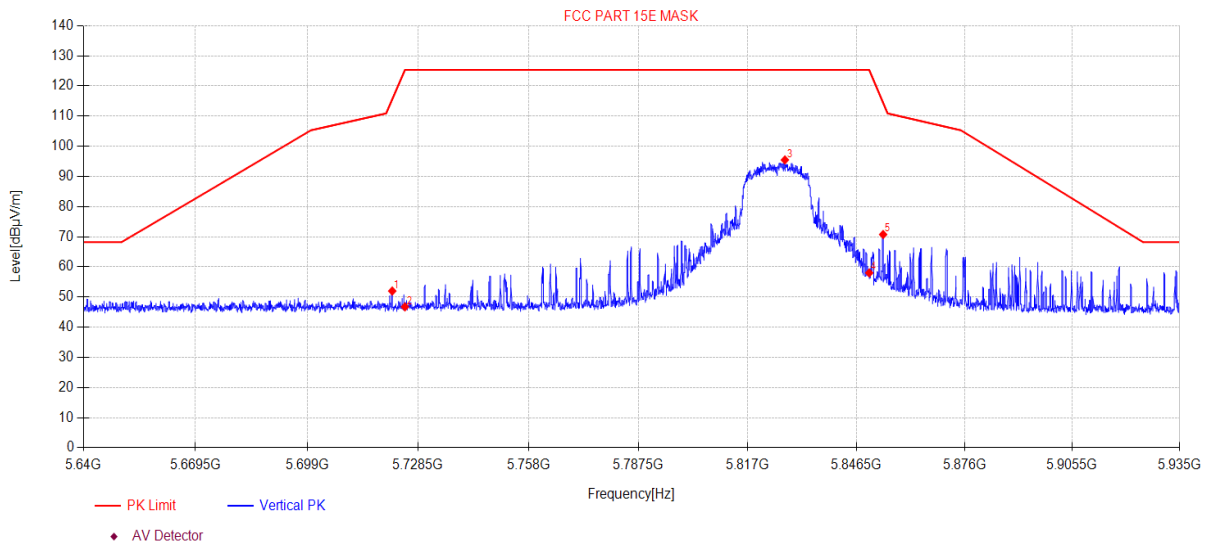
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-05
EUT: Multimedia
Test Mode: 11AC20 5825MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\30
Memo: Sample Number: S23121811-003

Tested By: Bairong
Model Number: Kansas City 150
Power Supply: DC 12V
Test Site: DDT 3# Chamber

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	5721.63	12.40	33.73	5.87	0.00	52.00	115.58	63.58	PK	Vertical
2	5725.00	7.12	33.75	5.87	0.00	46.74	125.30	78.56	PK	Vertical
3	5827.09	55.46	34.09	5.92	0.00	95.47	125.30	29.83	PK	Vertical
4	5850.00	18.08	34.00	5.94	0.00	58.02	125.27	67.25	PK	Vertical
5	5853.79	30.78	34.01	5.94	0.00	70.73	114.39	43.66	PK	Vertical

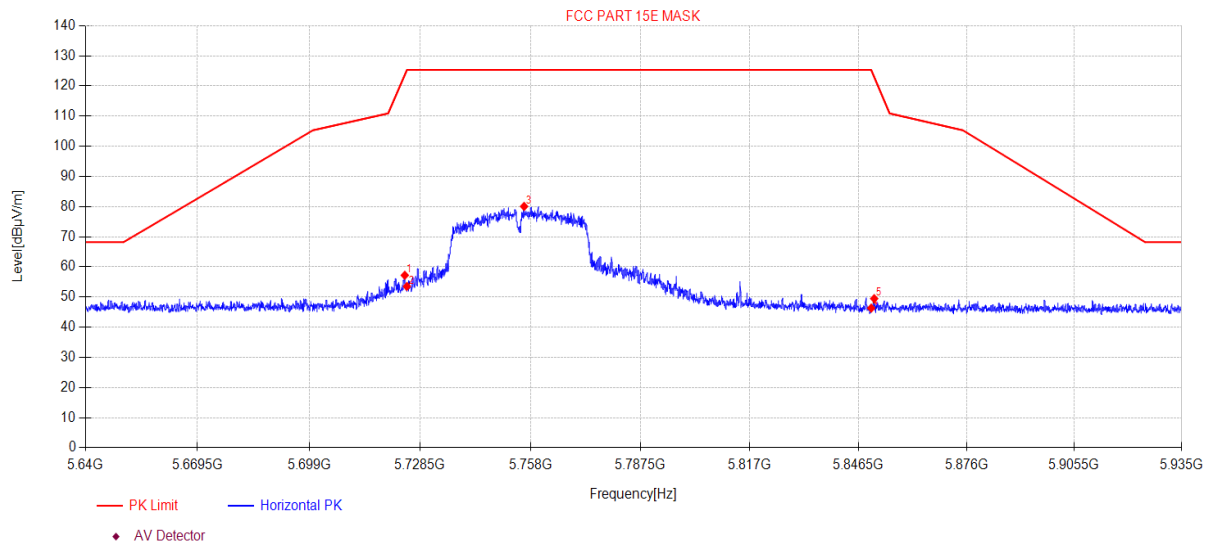
Note:

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: 2024-01-05
EUT: Multimedia
Test Mode: 11AC40 5755MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\31
Memo: Sample Number: S23121811-003

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	5724.43	17.59	33.75	5.87	0.00	57.21	123.66	66.45	PK	Horizontal
2	5725.00	13.90	33.75	5.87	0.00	53.52	125.30	71.78	PK	Horizontal
3	5756.29	40.23	33.94	5.89	0.00	80.06	125.30	45.24	PK	Horizontal
4	5850.00	6.39	34.00	5.94	0.00	46.33	125.27	78.94	PK	Horizontal
5	5850.81	9.54	34.00	5.94	0.00	49.48	122.98	73.50	PK	Horizontal

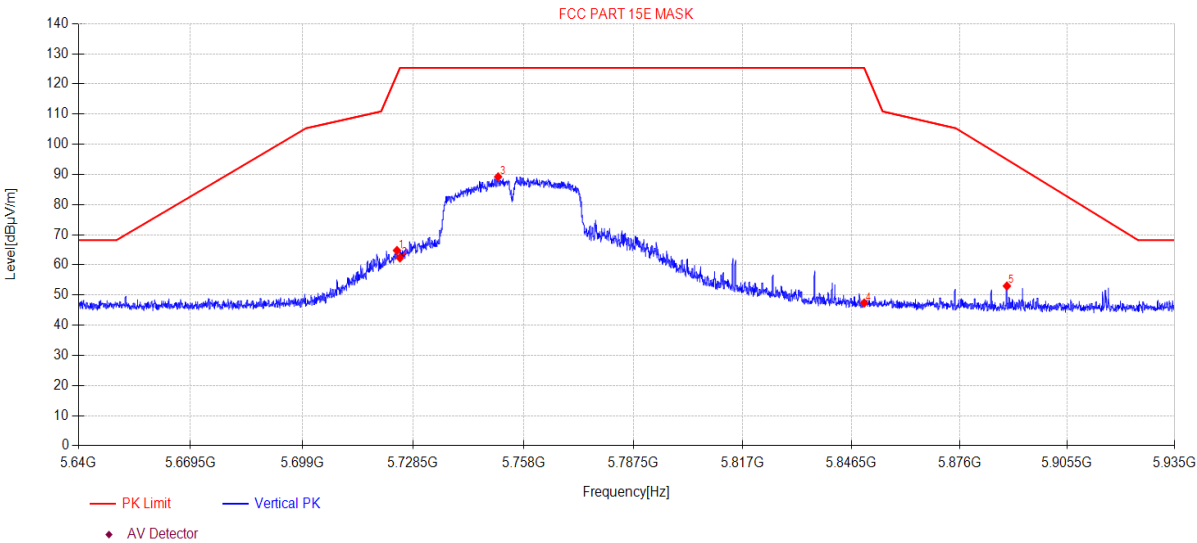
Note:

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: 2024-01-05 Tested By: Bairong
EUT: Multimedia Model Number: Kansas City 150
Test Mode: 11AC40 5755MHz TX Power Supply: DC 12V
Condition: Temp:23.2°C;Humi:45.4% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\32
Memo: Sample Number: S23121811-003

Test Graph



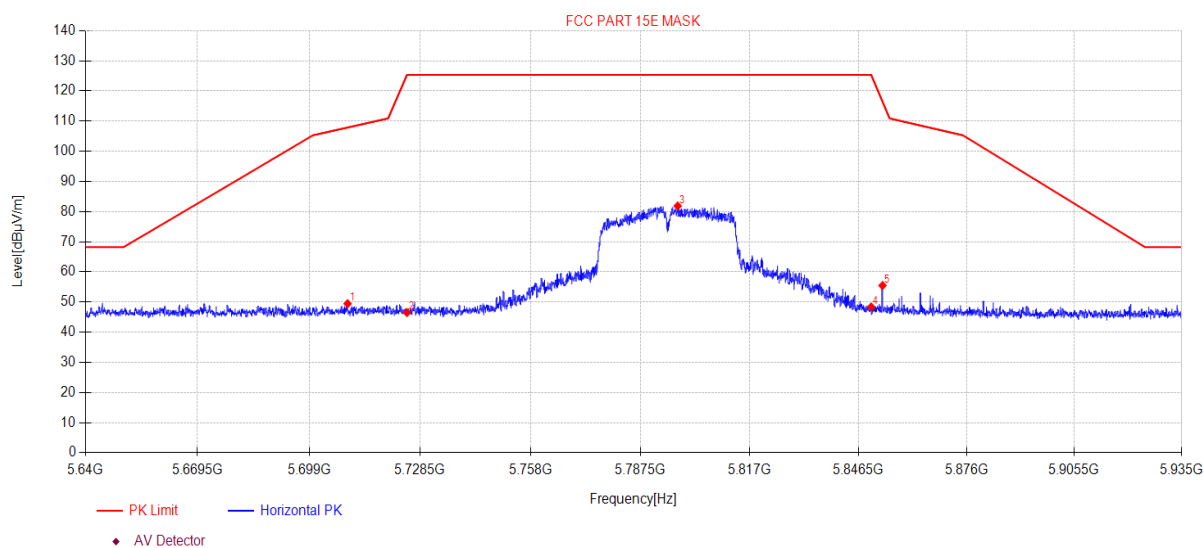
Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.22	25.16	33.75	5.87	0.00	64.78	123.06	58.28	PK	Vertical
2	5725.00	22.67	33.75	5.87	0.00	62.29	125.30	63.01	PK	Vertical
3	5751.22	49.39	33.91	5.89	0.00	89.19	125.30	36.11	PK	Vertical
4	5850.00	7.41	34.00	5.94	0.00	47.35	125.27	77.92	PK	Vertical
5	5888.95	12.96	34.08	5.95	0.00	52.99	94.95	41.96	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: 2024-01-05 **Tested By:** Bairong
EUT: Multimedia **Model Number:** Kansas City 150
Test Mode: 11AC40 5795MHz TX **Power Supply:** DC 12V
Condition: Temp:23.2°C;Humi:45.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\33
Memo: Sample Number: S23121811-003

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	5709.24	9.93	33.66	5.86	0.00	49.45	107.89	58.44	PK	Horizontal
2	5725.00	6.89	33.75	5.87	0.00	46.51	125.30	78.79	PK	Horizontal
3	5797.56	41.76	34.19	5.91	0.00	81.86	125.30	43.44	PK	Horizontal
4	5850.00	8.43	34.00	5.94	0.00	48.37	125.27	76.90	PK	Horizontal
5	5853.08	15.53	34.01	5.94	0.00	55.48	116.43	60.95	PK	Horizontal

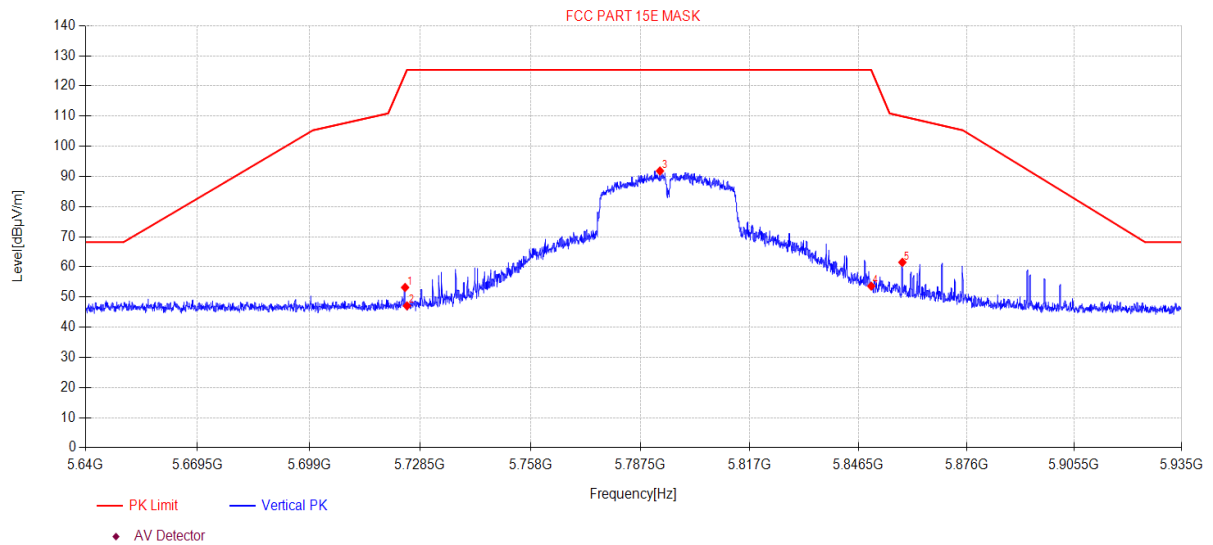
Note:

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: 2024-01-05
EUT: Multimedia
Test Mode: 11AC40 5795MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\34
Memo: Sample Number: S23121811-003

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	5724.52	13.56	33.75	5.87	0.00	53.18	123.91	70.73	PK	Vertical
2	5725.00	7.46	33.75	5.87	0.00	47.08	125.30	78.22	PK	Vertical
3	5792.78	51.74	34.16	5.91	0.00	91.81	125.30	33.49	PK	Vertical
4	5850.00	13.67	34.00	5.94	0.00	53.61	125.27	71.66	PK	Vertical
5	5858.48	21.54	34.02	5.94	0.00	61.50	109.93	48.43	PK	Vertical

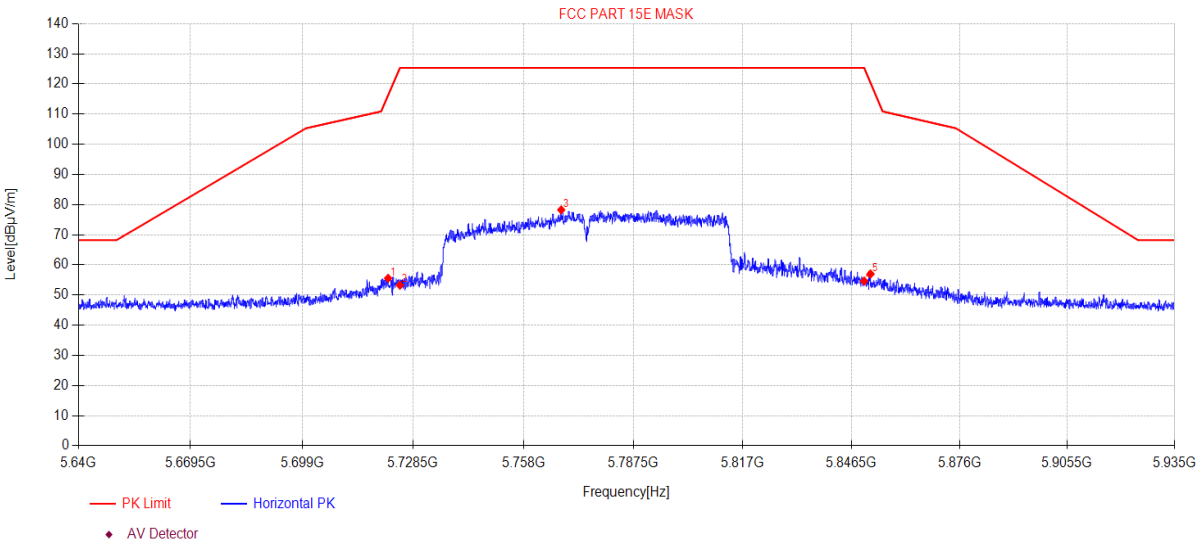
Note:

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: 2024-01-05 Tested By: Bairong
EUT: Multimedia Model Number: Kansas City 150
Test Mode: 11AC80 5775MHz TX Power Supply: DC 12V
Condition: Temp:23.2°C;Humi:45.4% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\35
Memo: Sample Number: S23121811-003

Test Graph



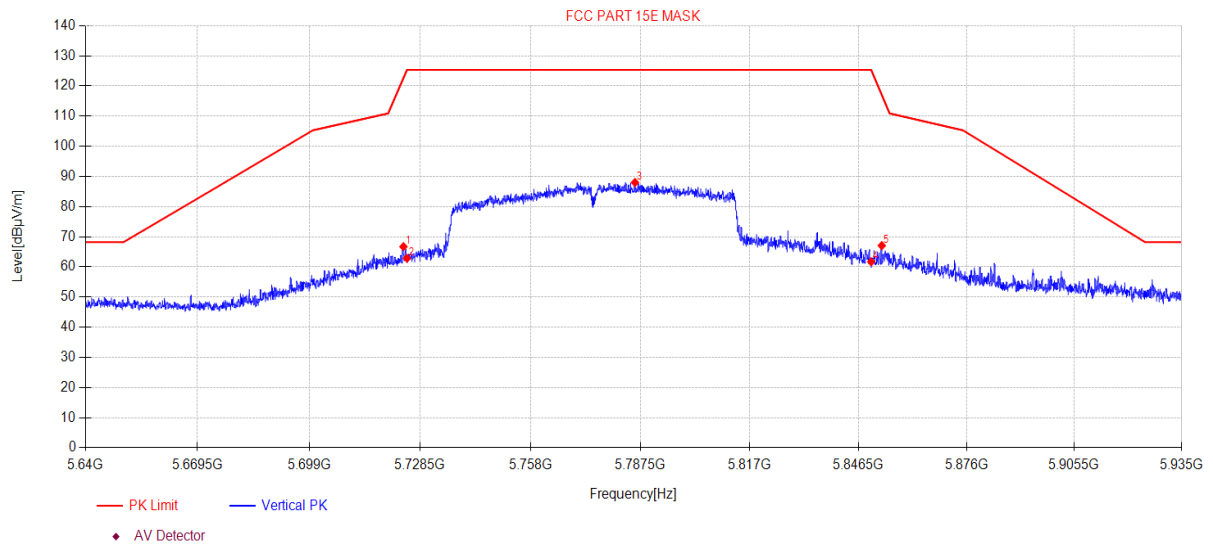
Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5721.86	15.95	33.73	5.87	0.00	55.55	116.26	60.71	PK	Horizontal
2	5725.00	13.65	33.75	5.87	0.00	53.27	125.30	72.03	PK	Horizontal
3	5768.12	38.35	34.01	5.89	0.00	78.25	125.30	47.05	PK	Horizontal
4	5850.00	14.70	34.00	5.94	0.00	54.64	125.27	70.63	PK	Horizontal
5	5851.72	17.04	34.00	5.94	0.00	56.98	120.34	63.36	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: 2024-01-05
EUT: Multimedia
Test Mode: 11AC80 5775MHz TX
Condition: Temp:23.2°C;Humi:45.4%
File Path: d:\ts\2024 report data\Q23121811-2E Kansas City 150\FCC ABOVE 1G 5.8GWIFI\36
Memo: Sample Number: S23121811-003

Test Graph



Data List

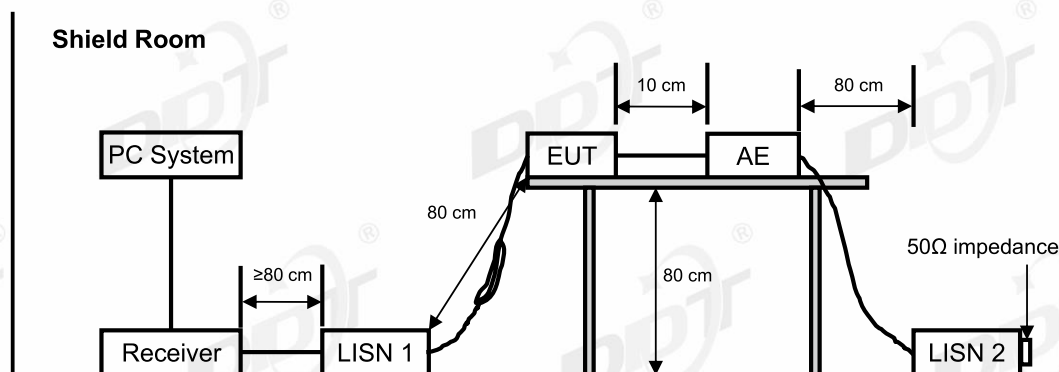
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.08	27.10	33.74	5.87	0.00	66.71	122.64	55.93	PK	Vertical
2	5725.00	23.23	33.75	5.87	0.00	62.85	125.30	62.45	PK	Vertical
3	5786.05	47.98	34.12	5.90	0.00	88.00	125.30	37.30	PK	Vertical
4	5850.00	21.75	34.00	5.94	0.00	61.69	125.27	63.58	PK	Vertical
5	5852.87	27.11	34.01	5.94	0.00	67.06	117.03	49.97	PK	Vertical

Note:

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

13. Power Line Conducted Emission

13.1. Block diagram of test setup



13.2. Power Line Conducted Emission Limits

Frequency	Quasi-Peak Level dB(μV)	Average Level dB(μV)
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.

13.3. 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.

13.4. Test Result

Not Applicable

Remark: Conducted limits are not required for devices which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines according to 15.207(C).

14. Antenna Requirements

14.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

14.2. Result

The antenna used for this product as Antenna information described in section 2.1 of this report, and there is no other antenna than that furnished by the responsible party shall be used with the device.

16. Photos of the EUT

Please refer to DDT-Q23121811-1E appendix I.

END OF REPORT