

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC40 TX 5510MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

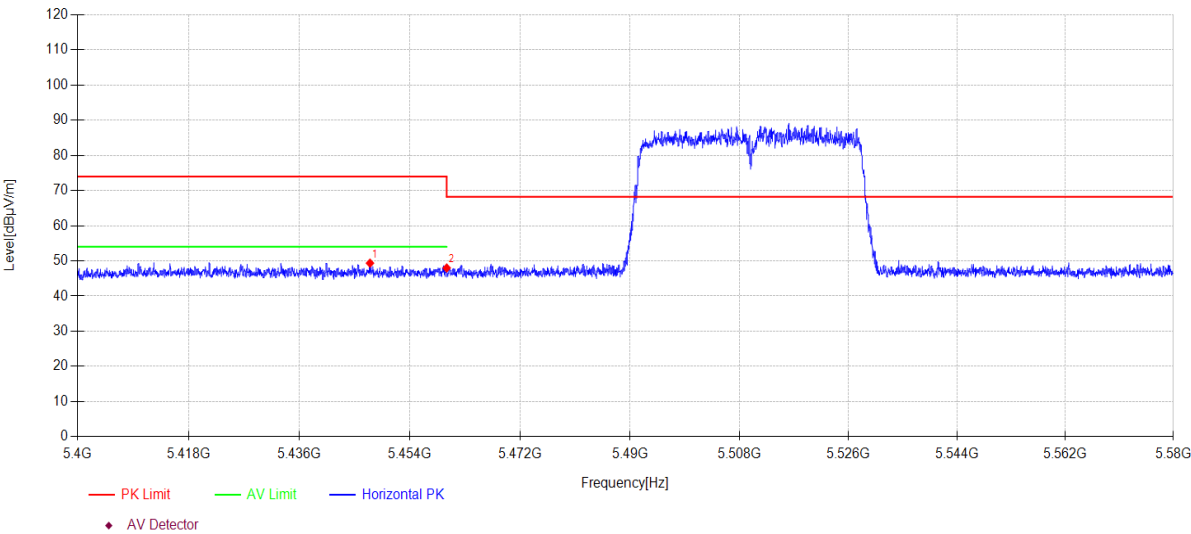
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Memo:

Sample Number:S24051516-001 Power Setting:14

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	5447.484	10.87	33.01	5.48	0.00	49.36	74.00	24.64	PK	Horizontal
2	5460.000	9.51	33.00	5.48	0.00	47.99	68.20	20.21	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC40 TX 5510MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

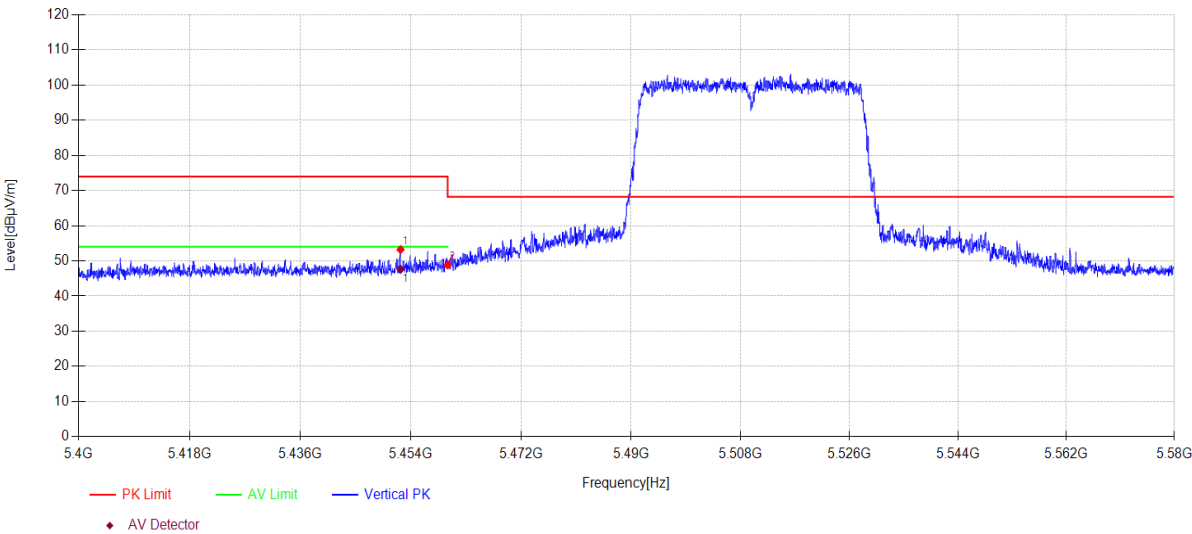
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Memo:

Sample Number:S24051516-001 Power Setting:14

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	5452.308	14.73	33.00	5.48	0.00	53.21	74.00	20.79	PK	Vertical
2	5460.000	10.40	33.00	5.48	0.00	48.88	68.20	19.32	PK	Vertical

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	5452.308	9.12	33.00	5.48	0.00	47.60	54.0	6.40	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC40 TX 5710MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

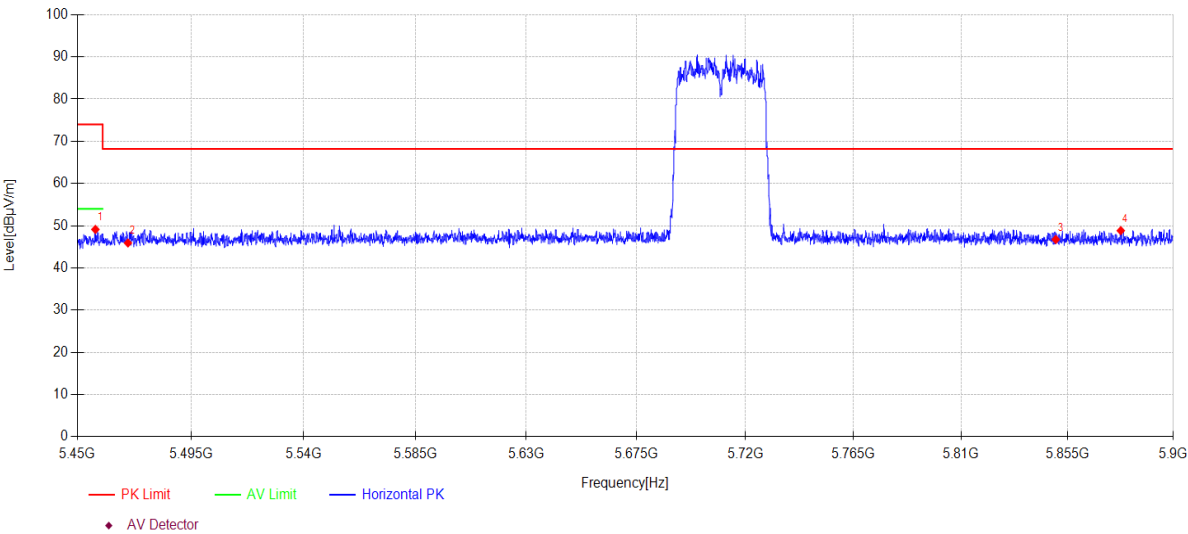
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5457.110	10.64	33.00	5.48	0.00	49.12	74.00	24.88	PK	Horizontal
2	5470.000	7.42	33.00	5.49	0.00	45.91	68.20	22.29	PK	Horizontal
3	5850.000	7.00	34.00	5.74	0.00	46.74	68.20	21.46	PK	Horizontal
4	5877.590	9.02	34.06	5.76	0.00	48.84	68.20	19.36	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC40 TX 5710MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

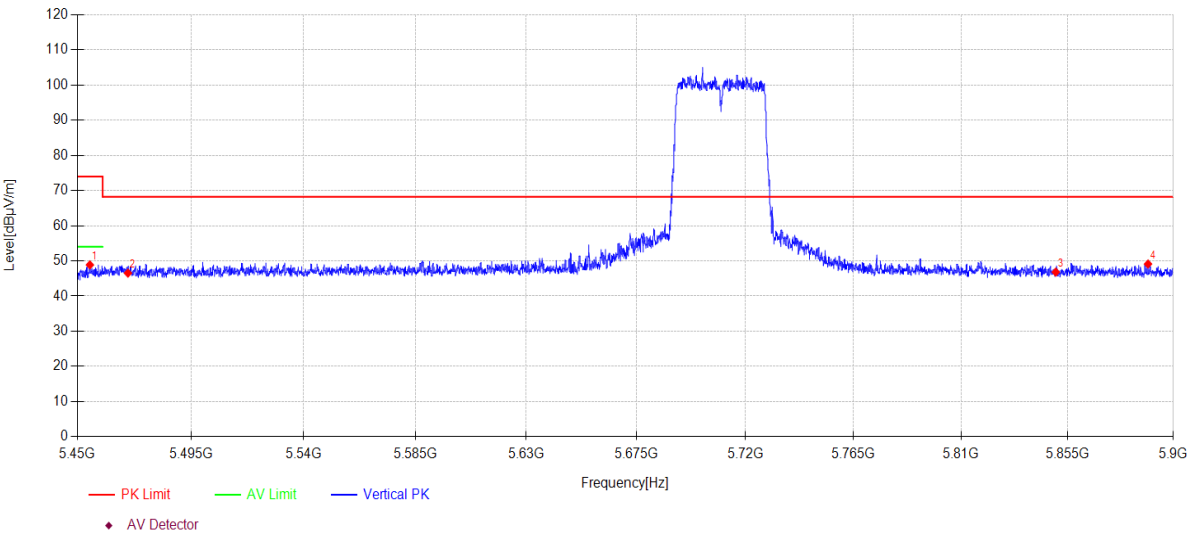
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5454.950	10.38	33.00	5.48	0.00	48.86	74.00	25.14	PK	Vertical
2	5470.000	8.04	33.00	5.49	0.00	46.53	68.20	21.67	PK	Vertical
3	5850.000	7.08	34.00	5.74	0.00	46.82	68.20	21.38	PK	Vertical
4	5889.200	9.27	34.08	5.77	0.00	49.12	68.20	19.08	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX40 TX 5190MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

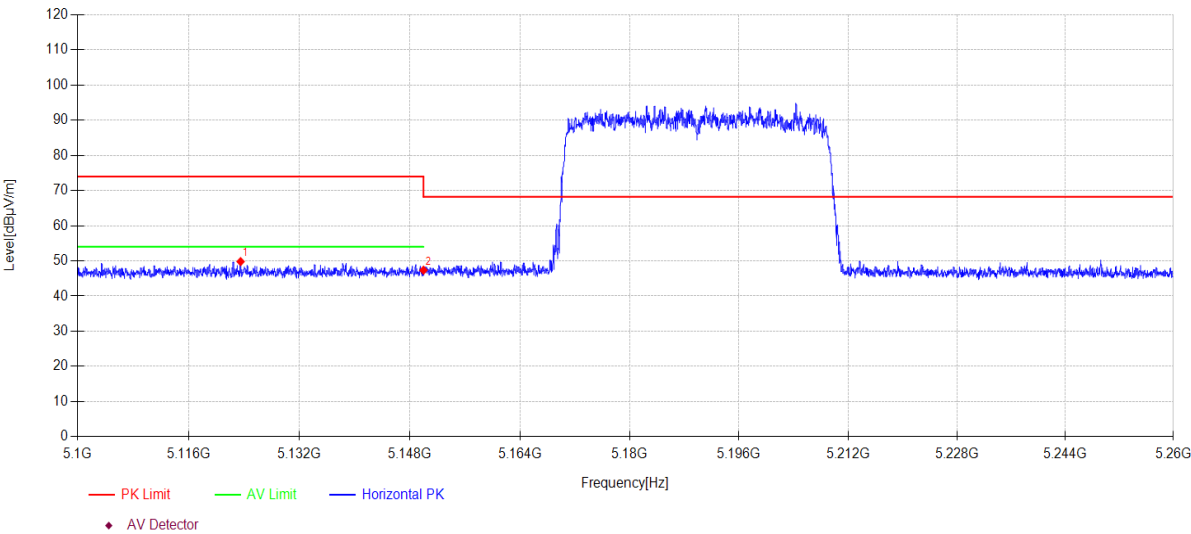
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Memo:

Sample Number:S24051516-001 Power Setting:14

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	5123.520	11.14	33.40	5.26	0.00	49.80	74.00	24.20	PK	Horizontal
2	5150.000	8.68	33.40	5.28	0.00	47.36	68.20	20.84	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX40 TX 5190MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

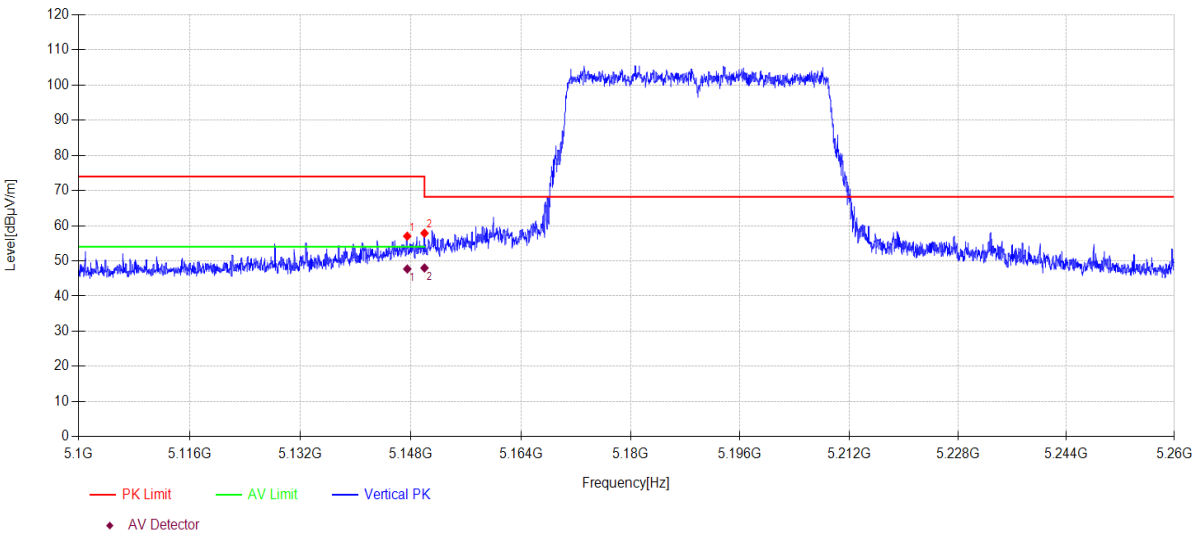
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Memo:

Sample Number:S24051516-001 Power Setting:14

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	5147.504	18.35	33.40	5.28	0.00	57.03	74.00	16.97	PK	Vertical
2	5150.000	19.19	33.40	5.28	0.00	57.87	68.20	10.33	PK	Vertical

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	5147.504	9.02	33.40	5.28	0.00	47.70	54.0	6.30	AV	Vertical
2	5150.000	9.31	33.40	5.28	0.00	47.99	54.0	6.01	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX40 TX 5310MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

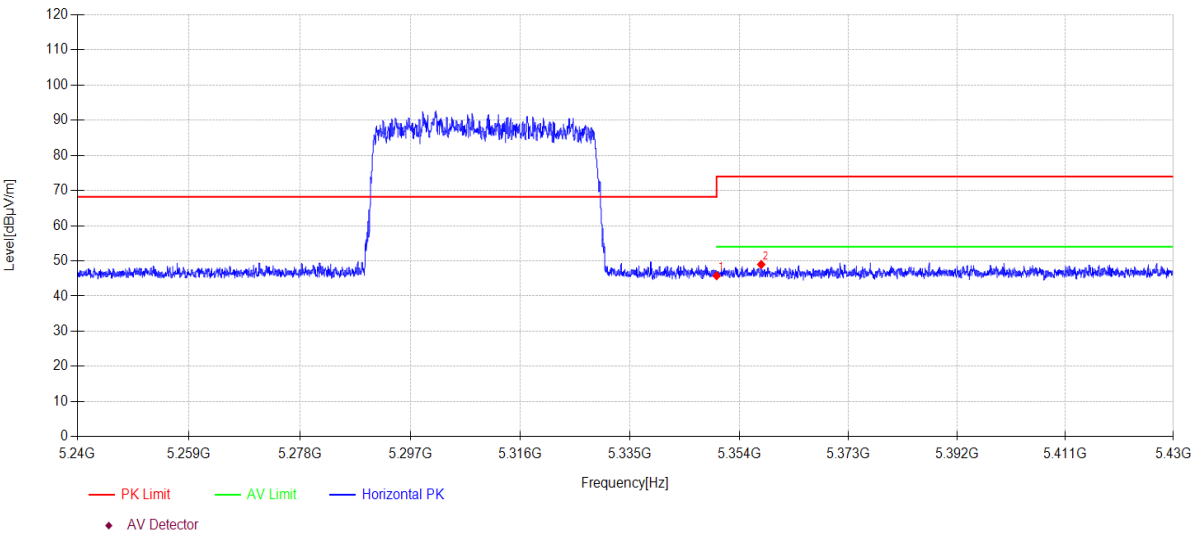
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Memo:

Sample Number:S24051516-001 Power Setting:14

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	7.27	33.10	5.41	0.00	45.78	74.00	28.22	PK	Horizontal
2	5357.762	10.46	33.10	5.42	0.00	48.98	74.00	25.02	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX40 TX 5310MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

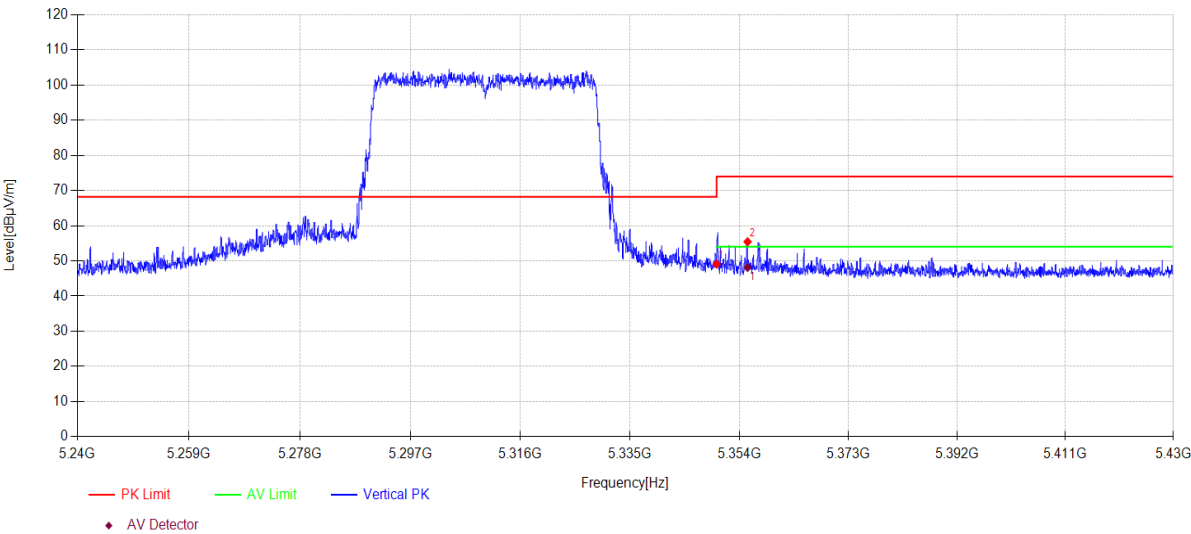
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Memo:

Sample Number:S24051516-001 Power Setting:14

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	10.58	33.10	5.41	0.00	49.09	74.00	24.91	PK	Vertical
2	5355.387	16.94	33.10	5.41	0.00	55.45	74.00	18.55	PK	Vertical

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	5355.387	9.64	33.10	5.41	0.00	48.15	54.0	5.85	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX40 TX 5510MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

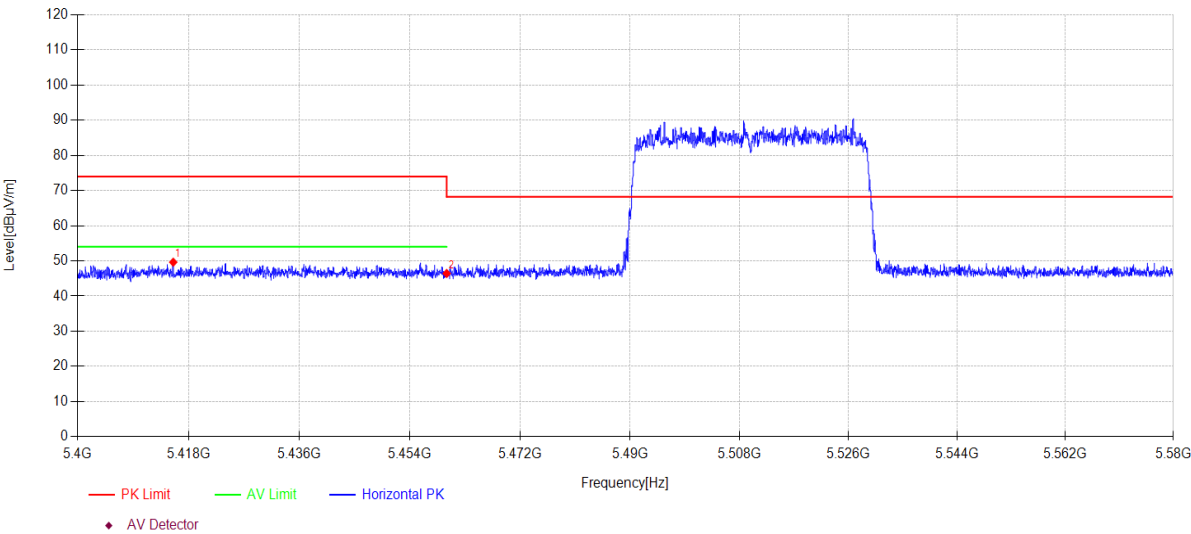
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Memo:

Sample Number:S24051516-001 Power Setting:14

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	5415.516	11.11	33.07	5.45	0.00	49.63	74.00	24.37	PK	Horizontal
2	5460.000	7.95	33.00	5.48	0.00	46.43	68.20	21.77	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX40 TX 5510MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

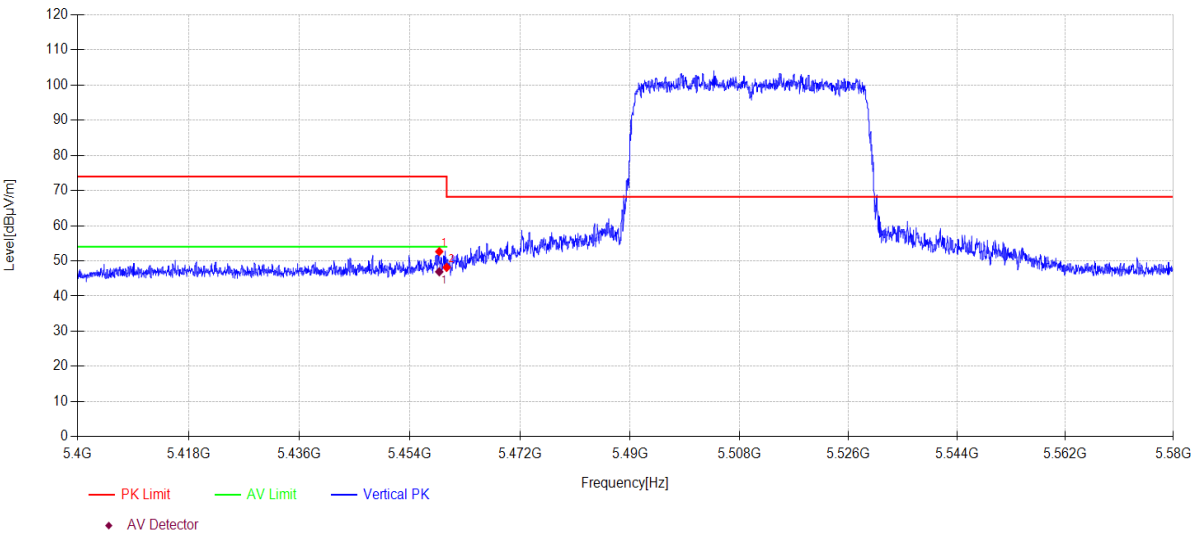
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Memo:

Sample Number:S24051516-001 Power Setting:14

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	5458.788	14.17	33.00	5.48	0.00	52.65	74.00	21.35	PK	Vertical
2	5460.000	9.68	33.00	5.48	0.00	48.16	68.20	20.04	PK	Vertical

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	5458.788	8.42	33.00	5.48	0.00	46.90	54.0	7.10	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX40 TX 5710MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

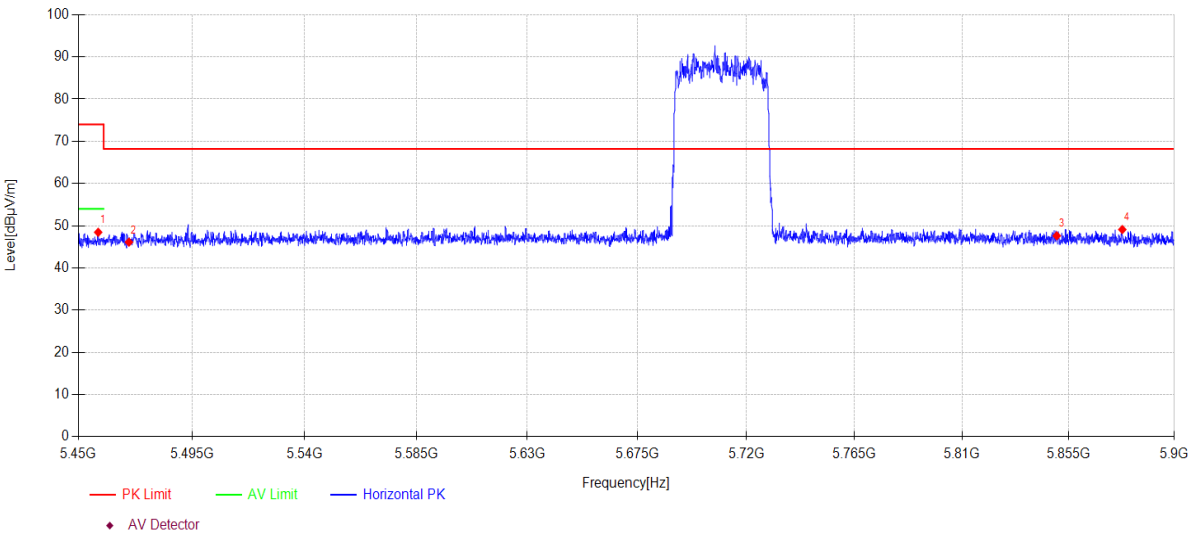
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5457.830	9.97	33.00	5.48	0.00	48.45	74.00	25.55	PK	Horizontal
2	5470.000	7.62	33.00	5.49	0.00	46.11	68.20	22.09	PK	Horizontal
3	5850.000	7.87	34.00	5.74	0.00	47.61	68.20	20.59	PK	Horizontal
4	5877.815	9.27	34.06	5.76	0.00	49.09	68.20	19.11	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX40 TX 5710MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

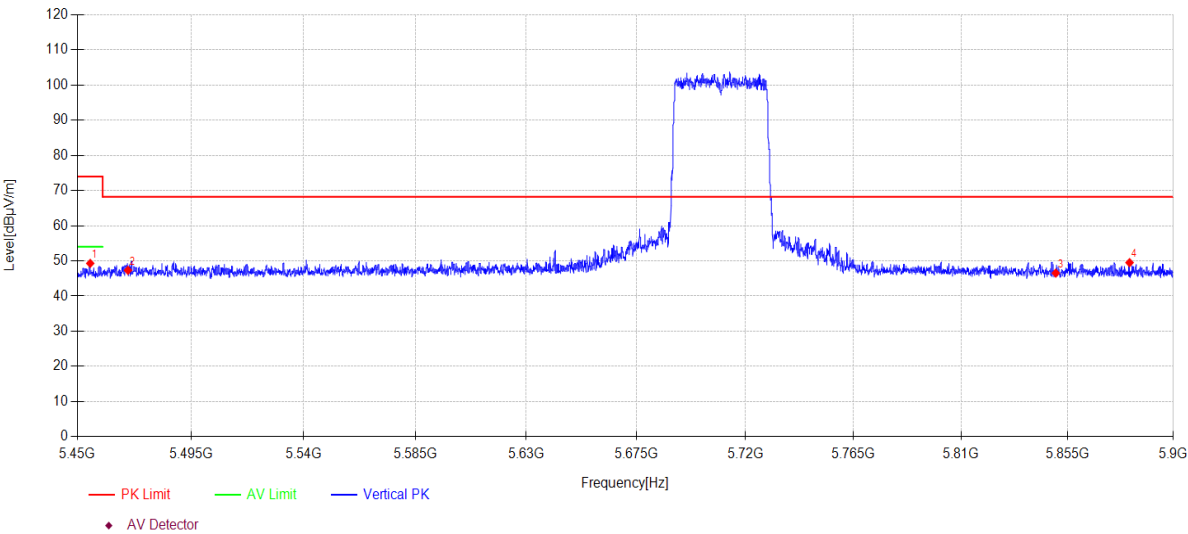
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Memo:

Sample Number:S24051516-001 Power Setting:15

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	5455.085	10.82	33.00	5.48	0.00	49.30	74.00	24.70	PK	Vertical
2	5470.000	8.83	33.00	5.49	0.00	47.32	68.20	20.88	PK	Vertical
3	5850.000	6.79	34.00	5.74	0.00	46.53	68.20	21.67	PK	Vertical
4	5881.325	9.69	34.06	5.76	0.00	49.51	68.20	18.69	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC80 TX 5210MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

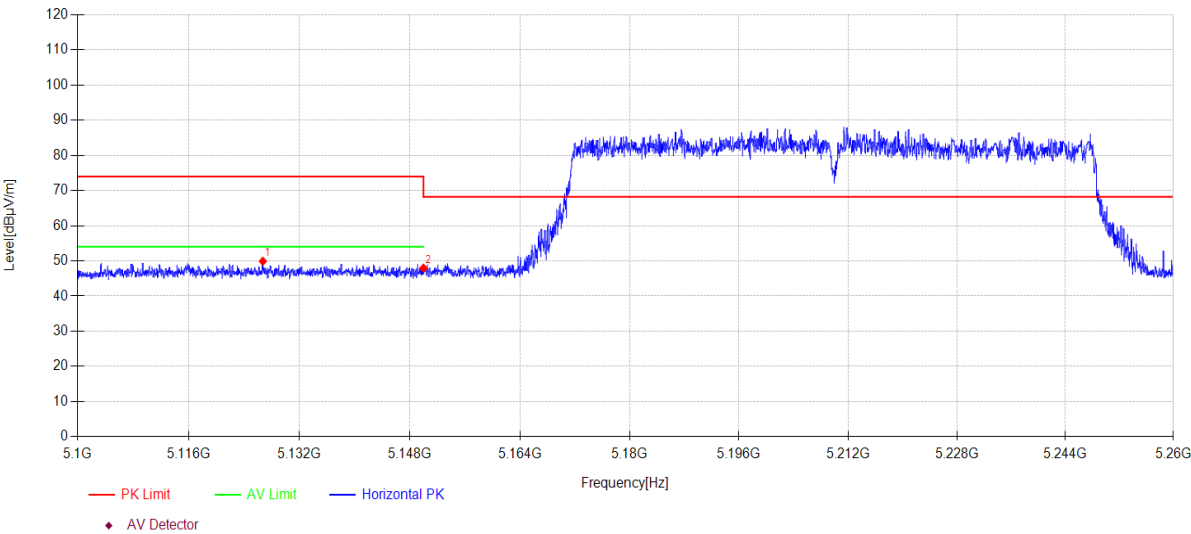
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Memo:

Sample Number:S24051516-001 Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5126.736	11.25	33.40	5.26	0.00	49.91	74.00	24.09	PK	Horizontal
2	5150.000	9.26	33.40	5.28	0.00	47.94	68.20	20.26	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC80 TX 5210MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

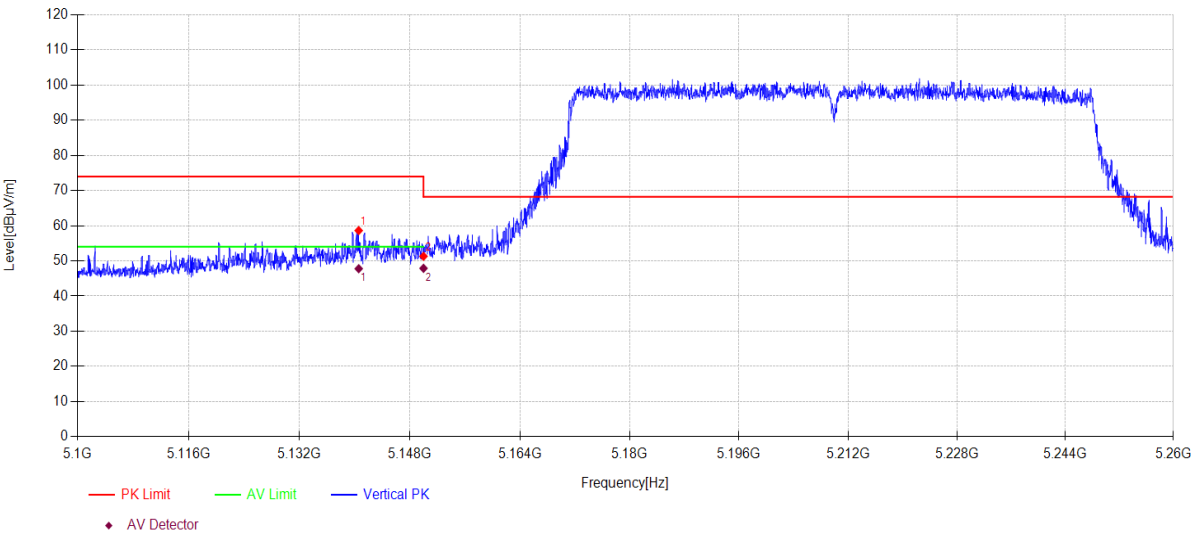
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Memo:

Sample Number:S24051516-001 Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5140.608	19.96	33.40	5.27	0.00	58.63	74.00	15.37	PK	Vertical
2	5150.000	12.63	33.40	5.28	0.00	51.31	68.20	16.89	PK	Vertical

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	5140.608	9.12	33.40	5.27	0.00	47.79	54.0	6.21	AV	Vertical
2	5150.000	9.21	33.40	5.28	0.00	47.89	54.0	6.11	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC80 TX 5290MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

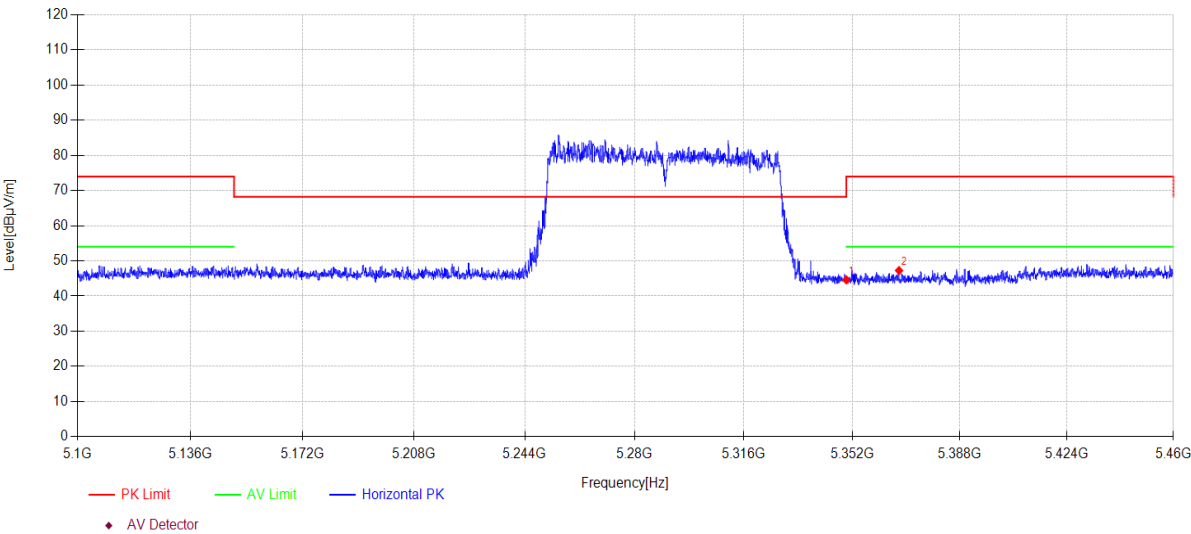
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d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5G\97

Memo:

Sample Number:S24051516-001 Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	6.11	33.10	5.41	0.00	44.62	74.00	29.38	PK	Horizontal
2	5367.588	8.75	33.10	5.42	0.00	47.27	74.00	26.73	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC80 TX 5290MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

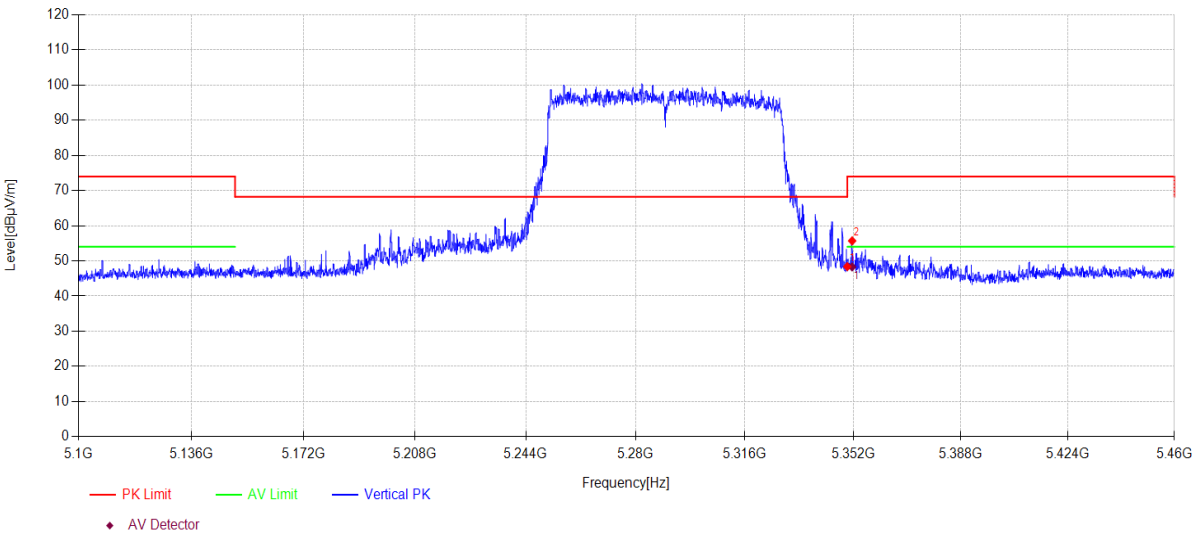
File Path:

d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5G\98

Memo:

Sample Number:S24051516-001 Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5350.000	9.88	33.10	5.41	0.00	48.39	74.00	25.61	PK	Vertical
2	5351.604	17.19	33.10	5.41	0.00	55.70	74.00	18.30	PK	Vertical

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	5351.604	9.78	33.10	5.41	0.00	48.29	54.0	5.71	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC80 TX 5530MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

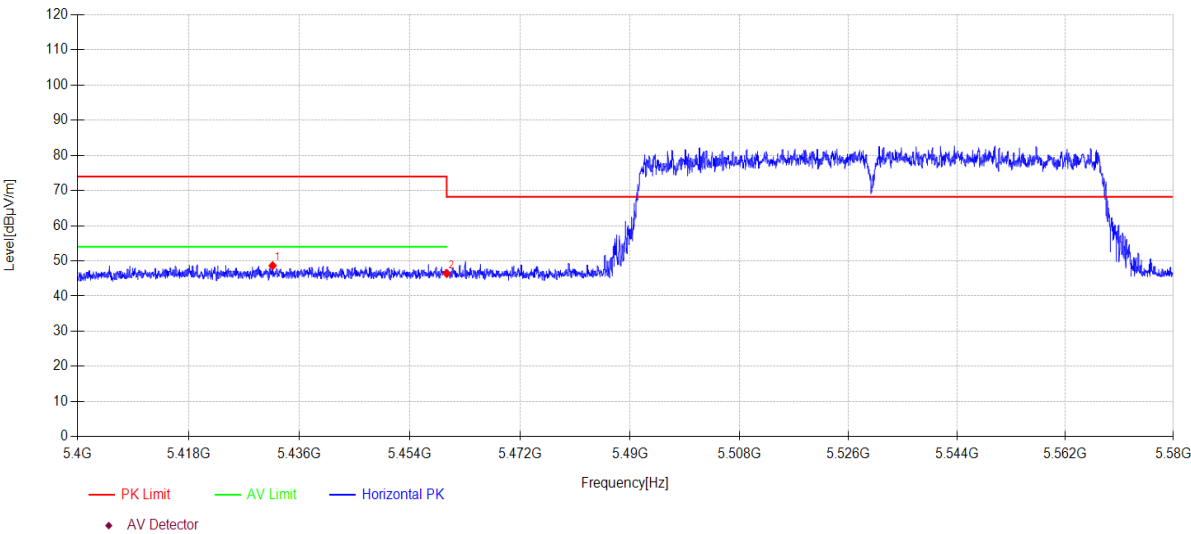
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d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5G\99

Memo:

Sample Number:S24051516-001 Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5431.644	10.13	33.04	5.46	0.00	48.63	74.00	25.37	PK	Horizontal
2	5460.000	7.95	33.00	5.48	0.00	46.43	68.20	21.77	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC80 TX 5530MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

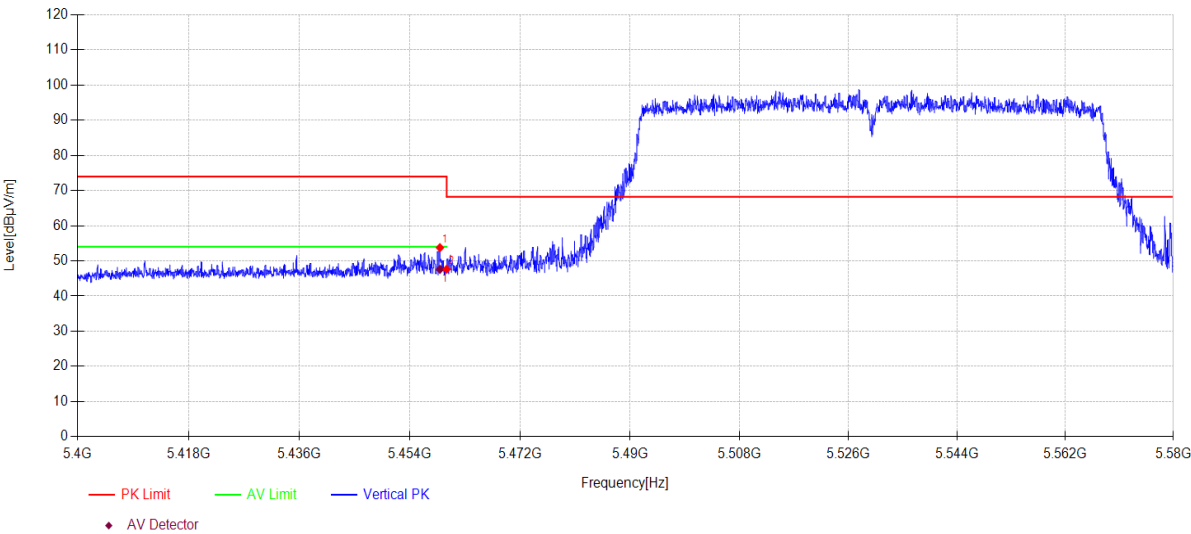
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Memo:

Sample Number:S24051516-001 Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.896	15.28	33.00	5.48	0.00	53.76	74.00	20.24	PK	Vertical
2	5460.000	9.16	33.00	5.48	0.00	47.64	68.20	20.56	PK	Vertical

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	5458.896	9.12	33.00	5.48	0.00	47.60	54.0	6.40	AV	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC80 TX 5690MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

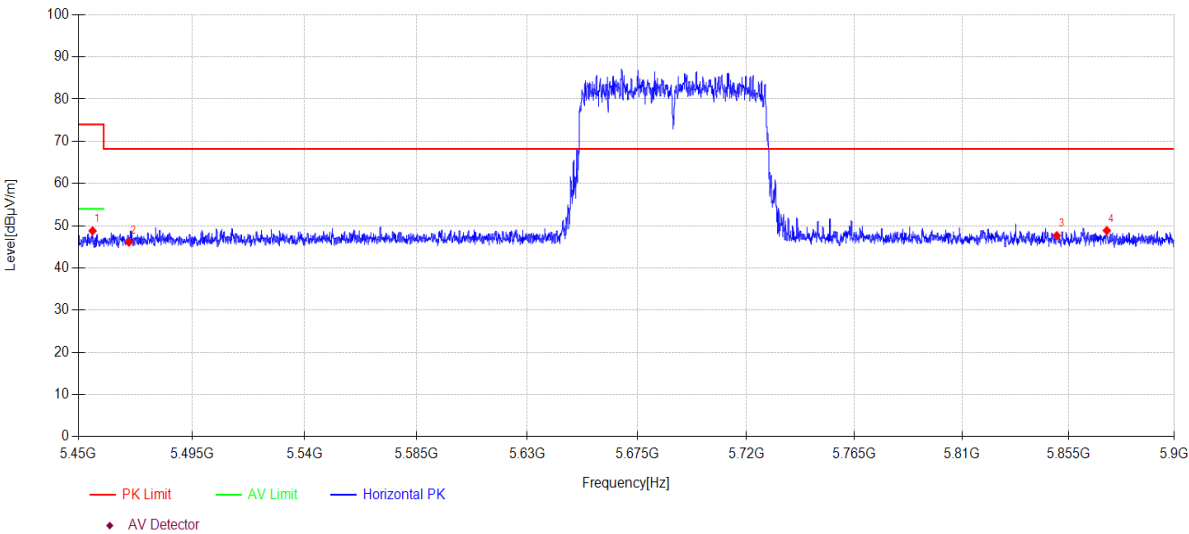
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d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G KUAYUE\39

Memo:

Sample Number:S24051516-001 Power Setting:15

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	5455.625	10.30	33.00	5.48	0.00	48.78	74.00	25.22	PK	Horizontal
2	5470.000	7.62	33.00	5.49	0.00	46.11	68.20	22.09	PK	Horizontal
3	5850.000	7.91	34.00	5.74	0.00	47.65	68.20	20.55	PK	Horizontal
4	5871.245	9.05	34.04	5.76	0.00	48.85	68.20	19.35	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC80 TX 5690MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

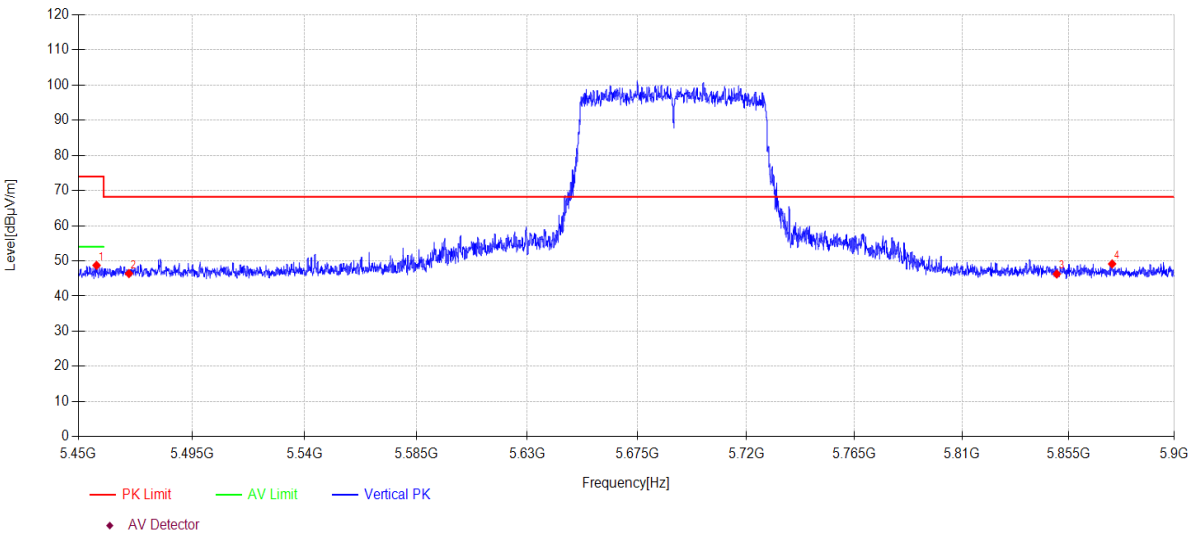
File Path:

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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5457.200	10.25	33.00	5.48	0.00	48.73	74.00	25.27	PK	Vertical
2	5470.000	7.92	33.00	5.49	0.00	46.41	68.20	21.79	PK	Vertical
3	5850.000	6.54	34.00	5.74	0.00	46.28	68.20	21.92	PK	Vertical
4	5873.495	9.34	34.05	5.76	0.00	49.15	68.20	19.05	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX80 TX 5210MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

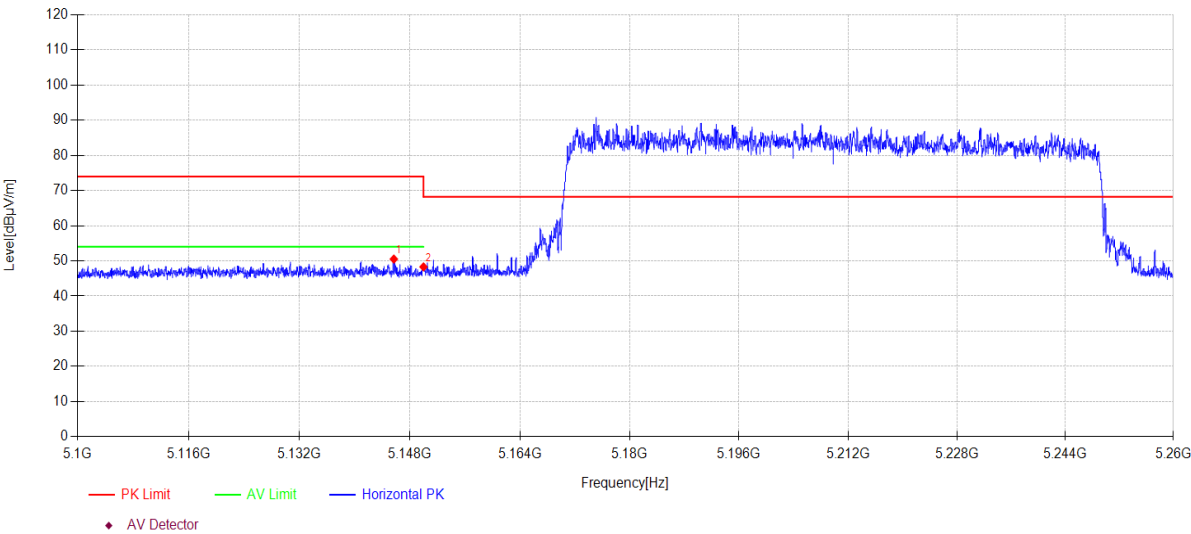
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Memo:

Sample Number:S24051516-001 Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5145.696	11.84	33.40	5.28	0.00	50.52	74.00	23.48	PK	Horizontal
2	5150.000	9.61	33.40	5.28	0.00	48.29	68.20	19.91	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX80 TX 5210MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

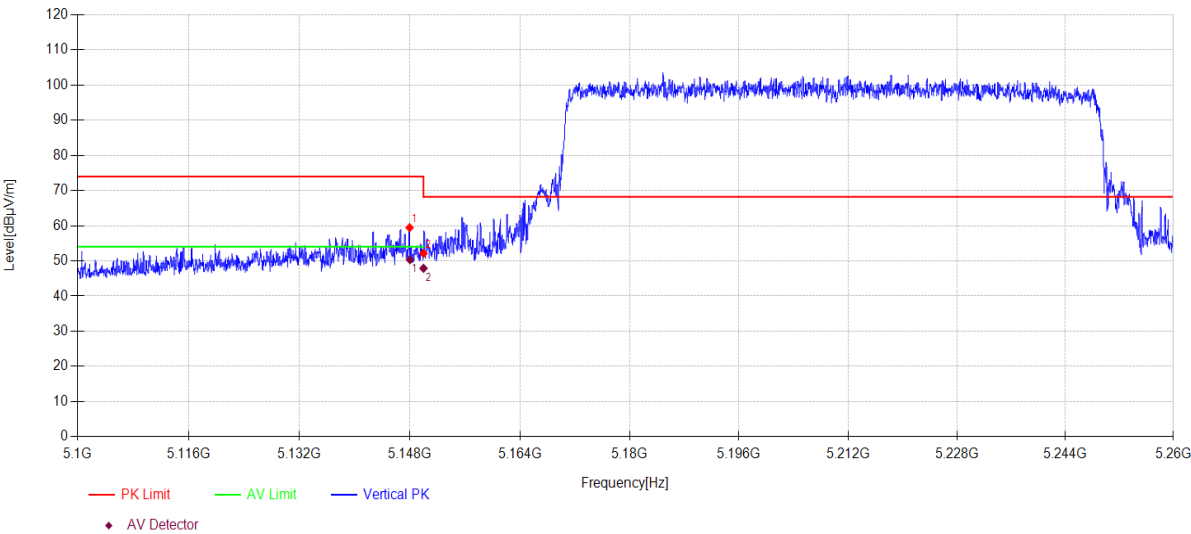
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Memo:

Sample Number:S24051516-001 Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5147.984	20.78	33.40	5.28	0.00	59.46	74.00	14.54	PK	Vertical
2	5150.000	13.45	33.40	5.28	0.00	52.13	68.20	16.07	PK	Vertical

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	5148.030	10.37	33.40	6.57	0.00	50.34	54.0	3.66	AV	Vertical
2	5150.000	9.21	33.40	5.28	0.00	47.89	54.0	6.11	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX80 TX 5290MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

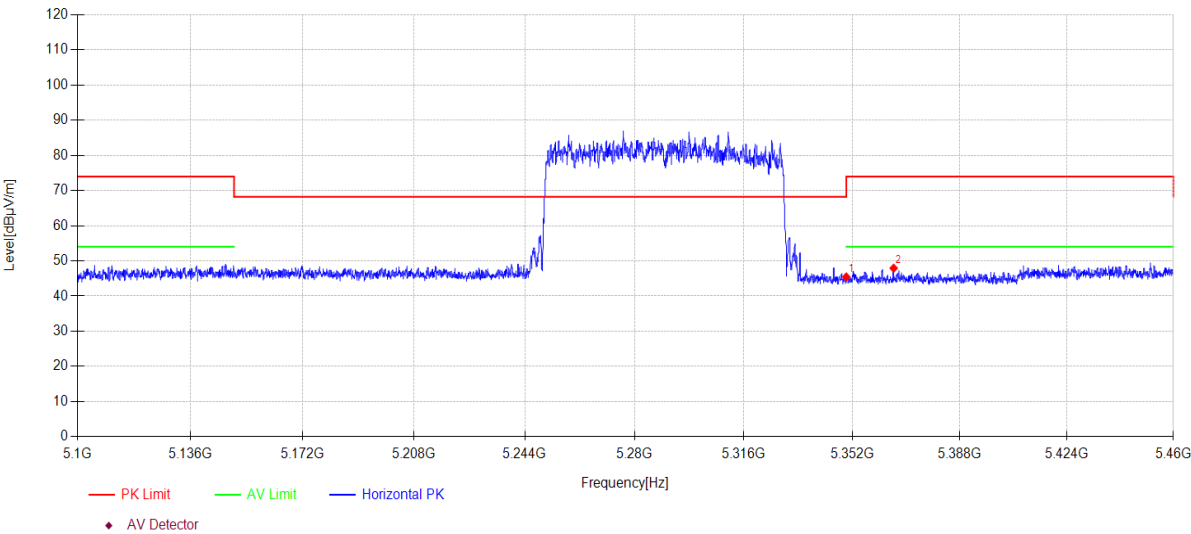
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Memo:

Sample Number:S24051516-001 Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	6.92	33.10	5.41	0.00	45.43	74.00	28.57	PK	Horizontal
2	5365.788	9.40	33.10	5.42	0.00	47.92	74.00	26.08	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX80 TX 5290MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

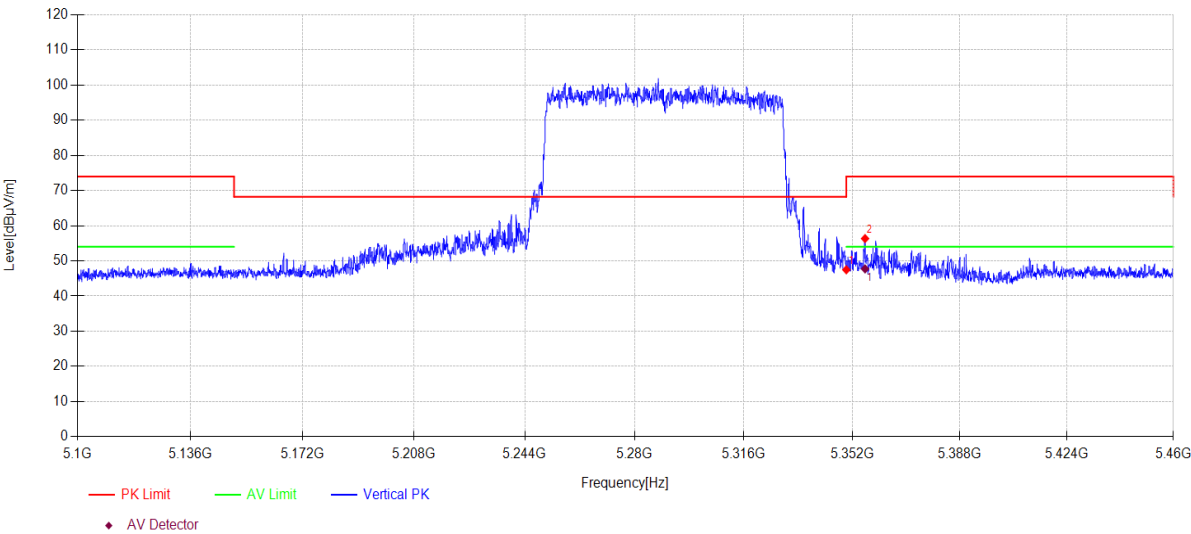
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Memo:

Sample Number:S24051516-001 Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	8.97	33.10	5.41	0.00	47.48	74.00	26.52	PK	Vertical
2	5356.248	17.83	33.10	5.42	0.00	56.35	74.00	17.65	PK	Vertical

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	5356.248	9.21	33.10	5.42	0.00	47.73	54.0	6.27	AV	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX80 TX 5530MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

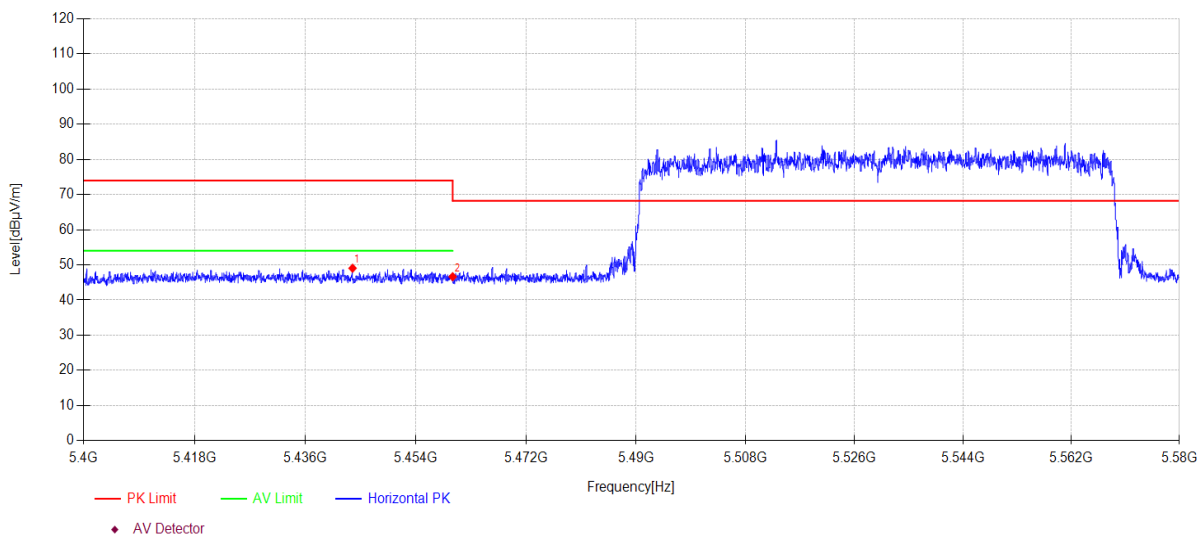
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Memo:

Sample Number:S24051516-001 Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5443.668	10.58	33.01	5.47	0.00	49.06	74.00	24.94	PK	Horizontal
2	5460.000	8.16	33.00	5.48	0.00	46.64	68.20	21.56	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX80 TX 5530MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

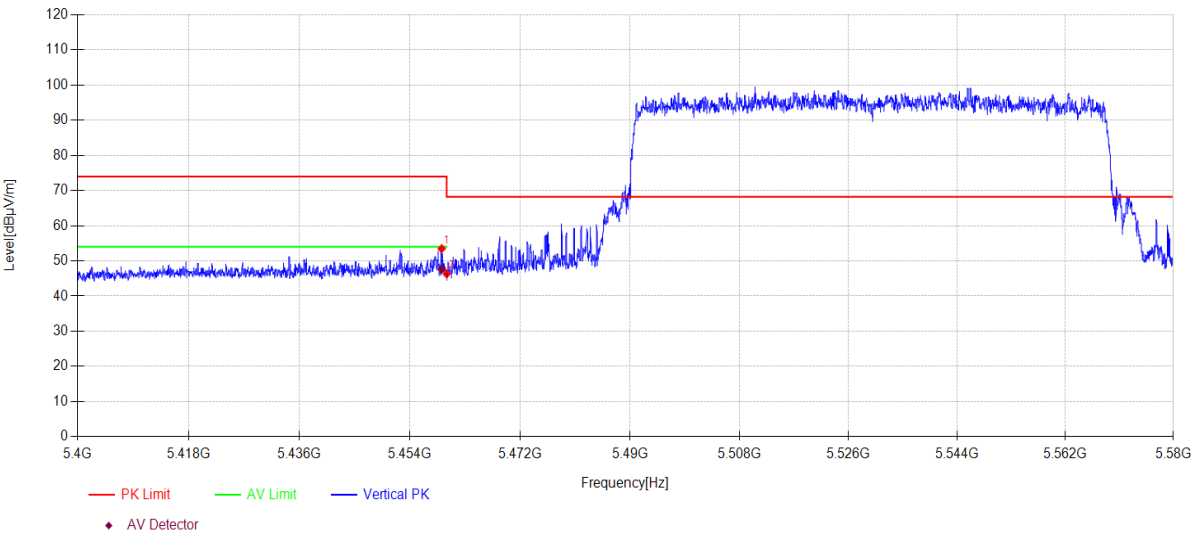
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Memo:

Sample Number:S24051516-001 Power Setting:12

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5459.184	15.01	33.00	5.48	0.00	53.49	74.00	20.51	PK	Vertical
2	5460.000	7.84	33.00	5.48	0.00	46.32	68.20	21.88	PK	Vertical

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	5459.184	9.21	33.00	5.48	0.00	47.69	54.0	6.31	AV	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX80 TX 5690MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

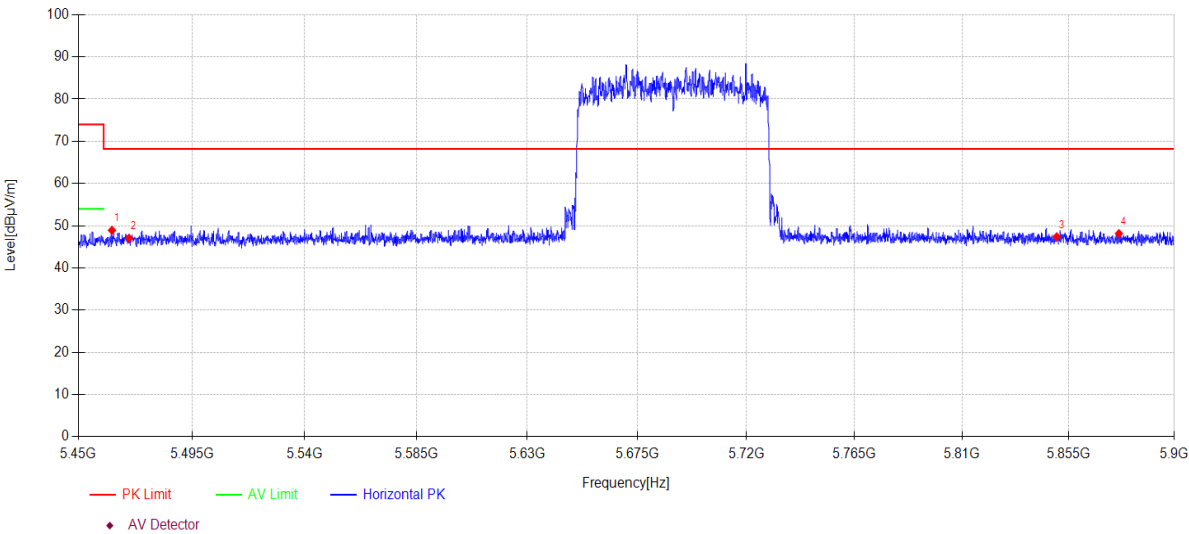
File Path:

d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G KUAYUE\37

Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5463.275	10.43	33.00	5.49	0.00	48.92	68.20	19.28	PK	Horizontal
2	5470.000	8.56	33.00	5.49	0.00	47.05	68.20	21.15	PK	Horizontal
3	5850.000	7.64	34.00	5.74	0.00	47.38	68.20	20.82	PK	Horizontal
4	5876.375	8.32	34.05	5.76	0.00	48.13	68.20	20.07	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX80 TX 5690MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

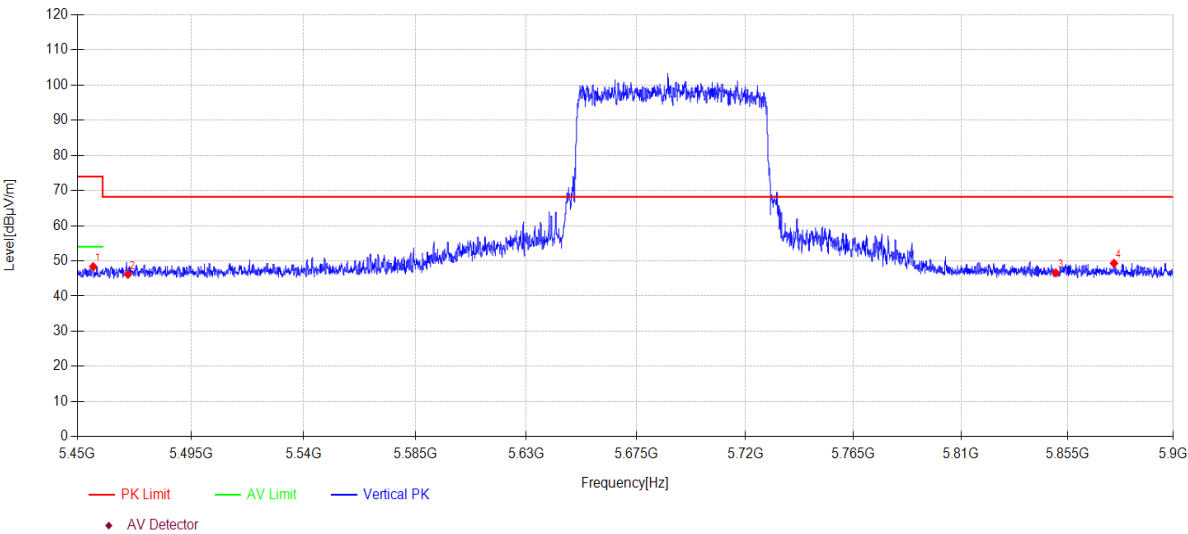
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Memo:

Sample Number:S24051516-001 Power Setting:15

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5456.255	9.89	33.00	5.48	0.00	48.37	74.00	25.63	PK	Vertical
2	5470.000	7.67	33.00	5.49	0.00	46.16	68.20	22.04	PK	Vertical
3	5850.000	6.86	34.00	5.74	0.00	46.60	68.20	21.60	PK	Vertical
4	5874.710	9.50	34.05	5.76	0.00	49.31	68.20	18.89	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5745MHz ANT1

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

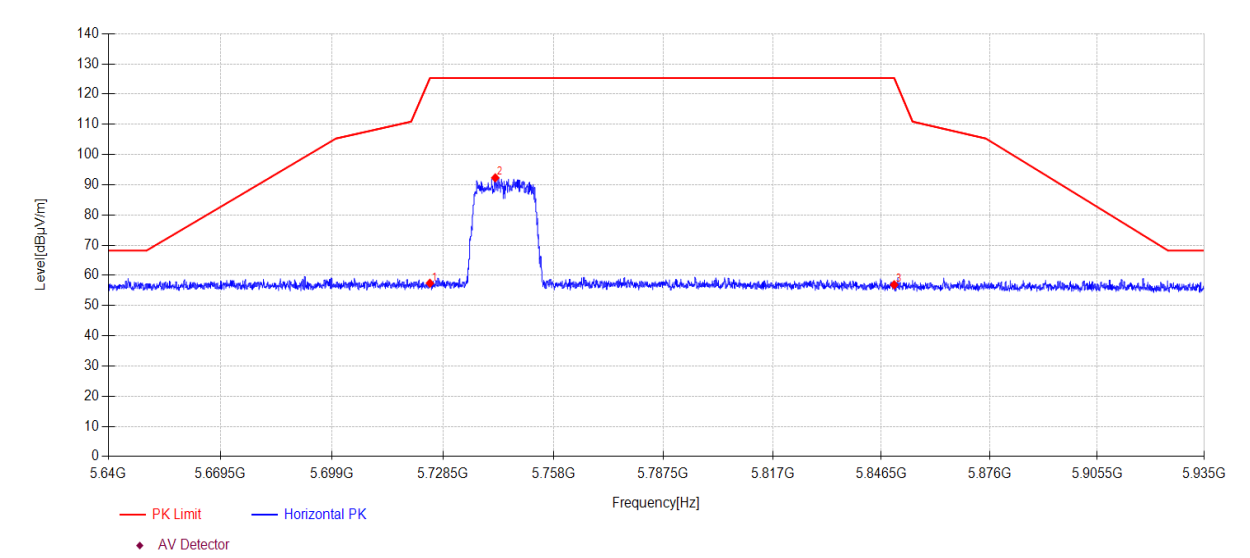
File Path:

d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\13

Memo:

Sample Number:S24051516-001 Power Setting:15

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	17.78	33.75	5.87	0.00	57.40	125.30	67.90	PK	Horizontal
2	5742.424	52.57	33.85	5.88	0.00	92.30	125.30	33.00	PK	Horizontal
3	5850.000	16.95	34.00	5.94	0.00	56.89	125.27	68.38	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5745MHz ANT1

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

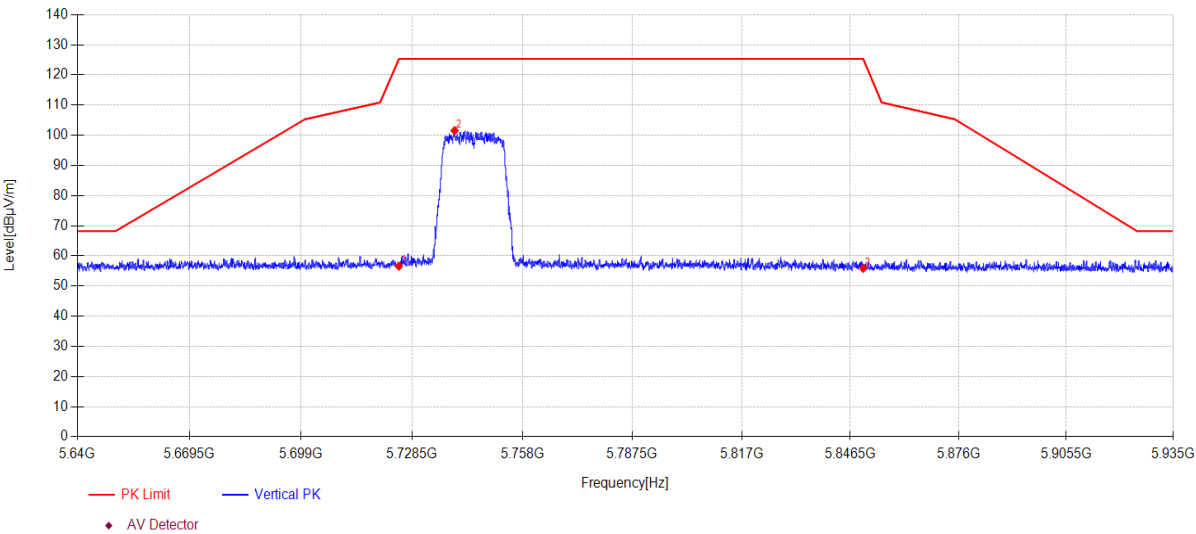
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d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\14

Memo:

Sample Number:S24051516-001 Power Setting:15

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	16.96	33.75	5.87	0.00	56.58	125.30	68.72	PK	Vertical
2	5739.858	61.84	33.84	5.88	0.00	101.56	125.30	23.74	PK	Vertical
3	5850.000	15.91	34.00	5.94	0.00	55.85	125.27	69.42	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5785MHz ANT1

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

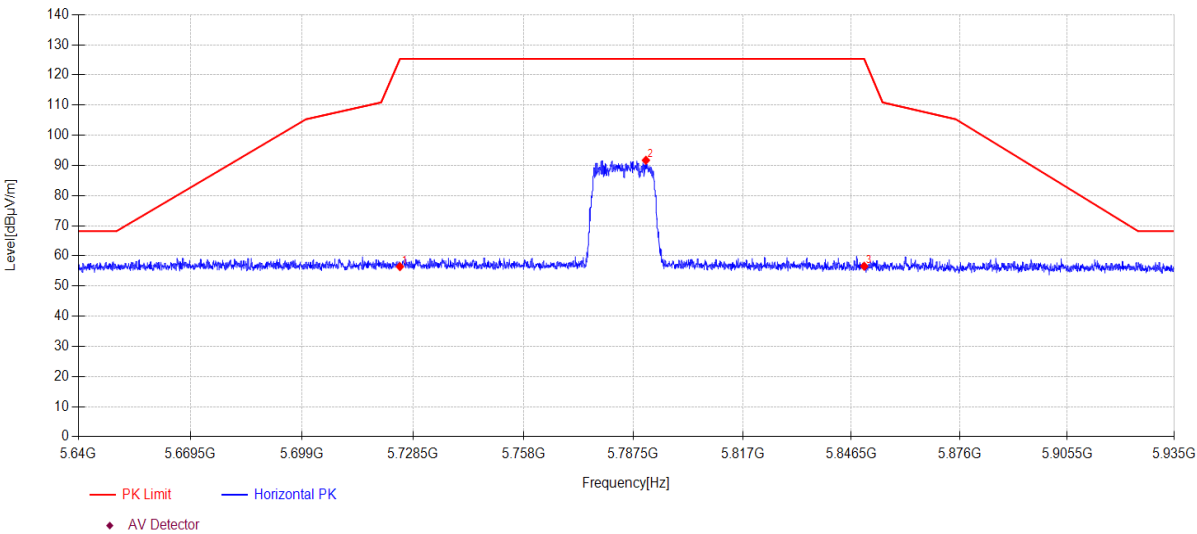
File Path:

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Memo:

Sample Number:S24051516-001 Power Setting:15

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	16.81	33.75	5.87	0.00	56.43	125.30	68.87	PK	Horizontal
2	5790.893	51.65	34.15	5.91	0.00	91.71	125.30	33.59	PK	Horizontal
3	5850.000	16.63	34.00	5.94	0.00	56.57	125.27	68.70	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-06-28

Tested By:Genliu

EUT:Dual-band WiFi6 AX1500 Router

Model Number:Flow AX1501

Test Mode:11A TX 5785MHz ANT1

Power Supply:AC 120V/60Hz

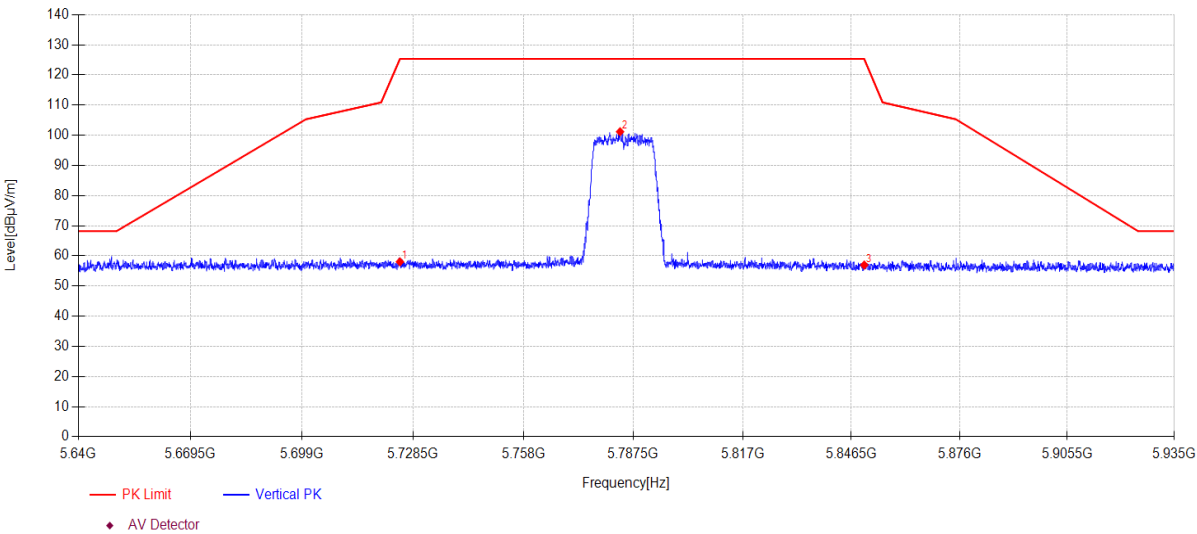
Condition:Temp:21.9°C;Humi:60.0%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\16

Memo:Sample Number:S24051516-001 Power Setting:15

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	18.40	33.75	5.87	0.00	58.02	125.30	67.28	PK	Vertical
2	5783.931	61.18	34.10	5.90	0.00	101.18	125.30	24.12	PK	Vertical
3	5850.000	17.02	34.00	5.94	0.00	56.96	125.27	68.31	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5825MHz ANT1

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

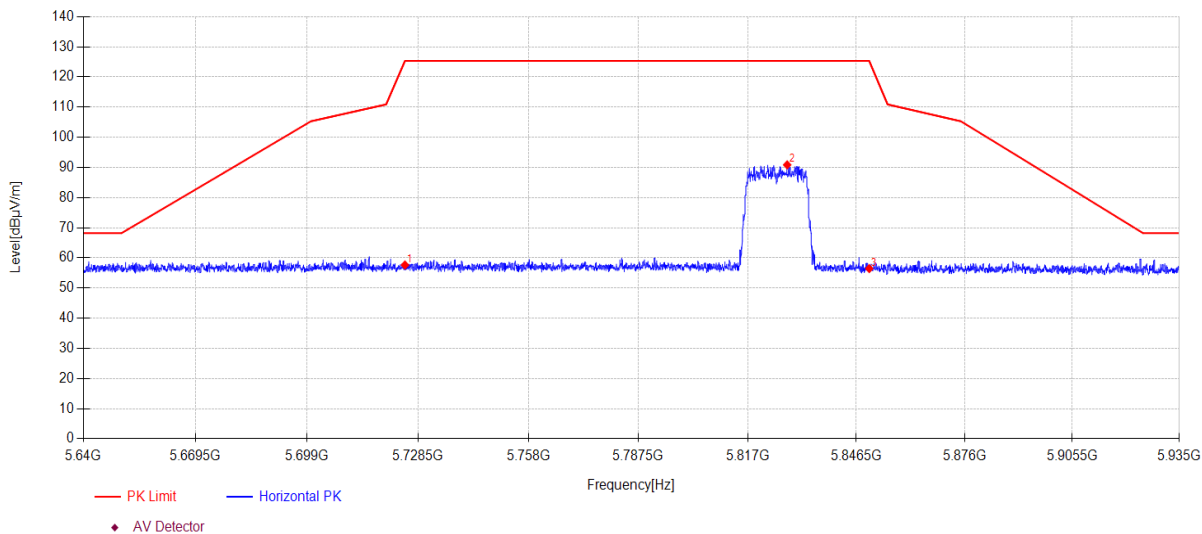
File Path:

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Memo:

Sample Number:S24051516-001 Power Setting:15

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	18.01	33.75	5.87	0.00	57.63	125.30	67.67	PK	Horizontal
2	5827.709	50.84	34.09	5.92	0.00	90.85	125.30	34.45	PK	Horizontal
3	5850.000	16.52	34.00	5.94	0.00	56.46	125.27	68.81	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5825MHz ANT1

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

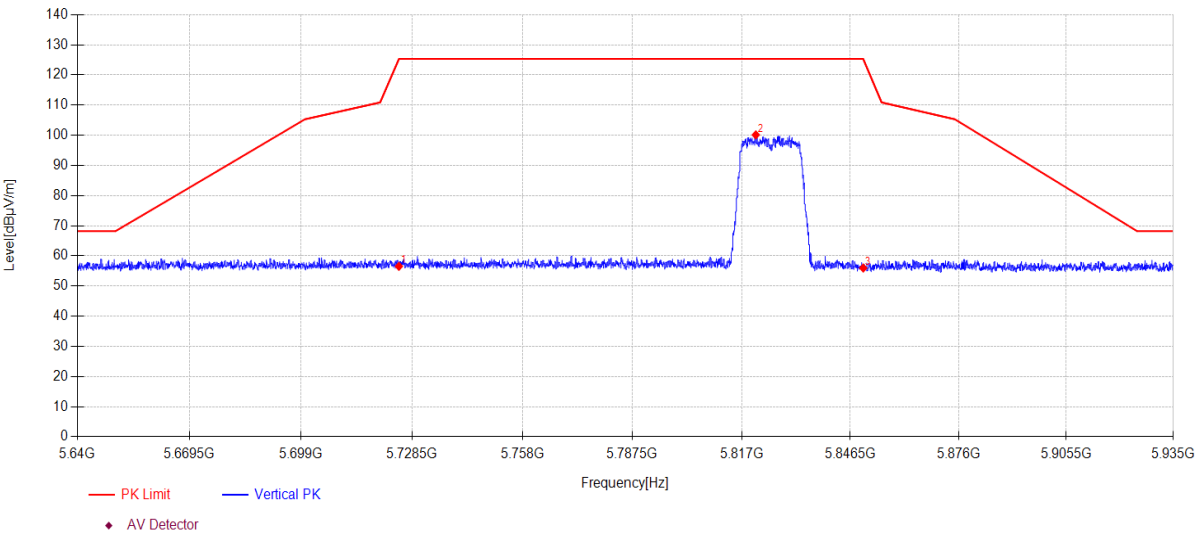
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Memo:

Sample Number:S24051516-001 Power Setting:15

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	16.91	33.75	5.87	0.00	56.53	125.30	68.77	PK	Vertical
2	5820.835	60.09	34.12	5.92	0.00	100.13	125.30	25.17	PK	Vertical
3	5850.000	16.04	34.00	5.94	0.00	55.98	125.27	69.29	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5745MHz ANT2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

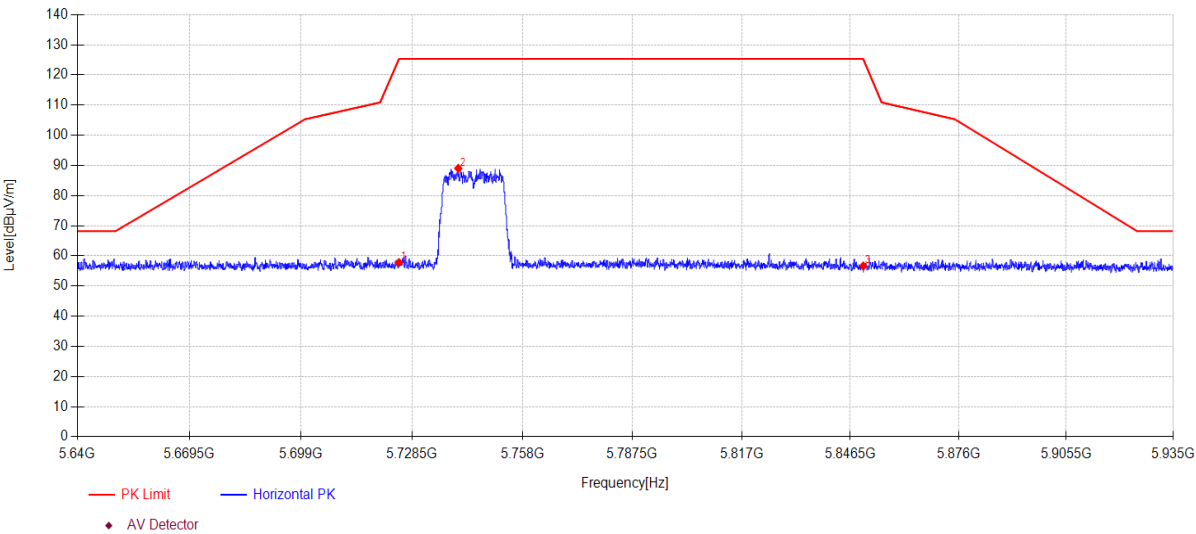
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Memo:

Sample Number:S24051516-001 Power Setting:15

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	18.16	33.75	5.87	0.00	57.78	125.30	67.52	PK	Horizontal
2	5740.831	49.31	33.84	5.88	0.00	89.03	125.30	36.27	PK	Horizontal
3	5850.000	16.69	34.00	5.94	0.00	56.63	125.27	68.64	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5745MHz ANT2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

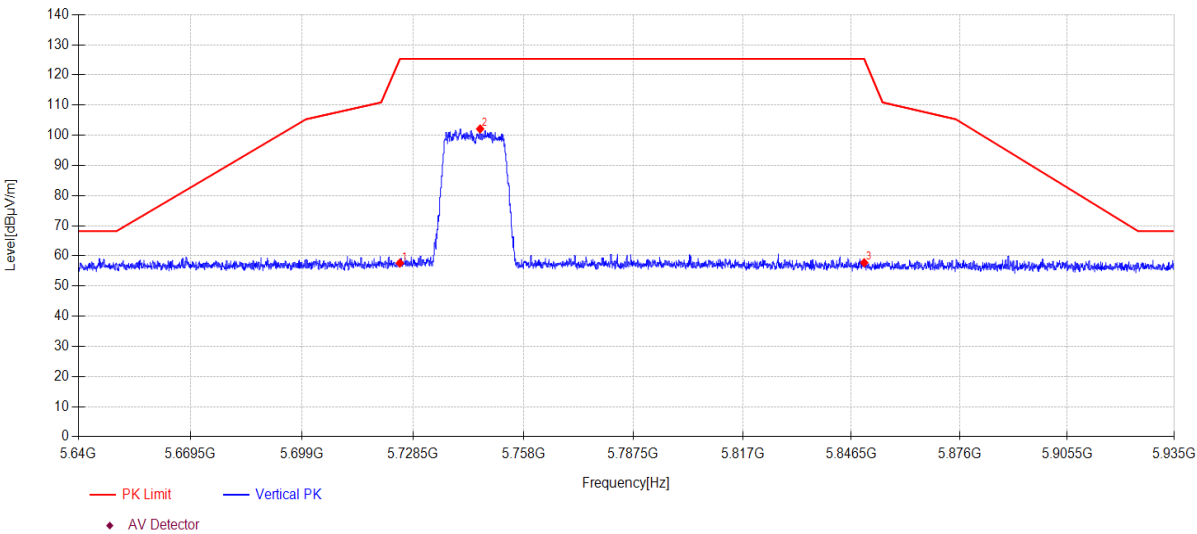
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Memo:

Sample Number:S24051516-001 Power Setting:15

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	17.99	33.75	5.87	0.00	57.61	125.30	67.69	PK	Vertical
2	5746.407	62.35	33.88	5.88	0.00	102.11	125.30	23.19	PK	Vertical
3	5850.000	17.80	34.00	5.94	0.00	57.74	125.27	67.53	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-06-28

Tested By:Genliu

EUT:Dual-band WiFi6 AX1500 Router

Model Number:Flow AX1501

Test Mode:11A TX 5785MHz ANT2

Power Supply:AC 120V/60Hz

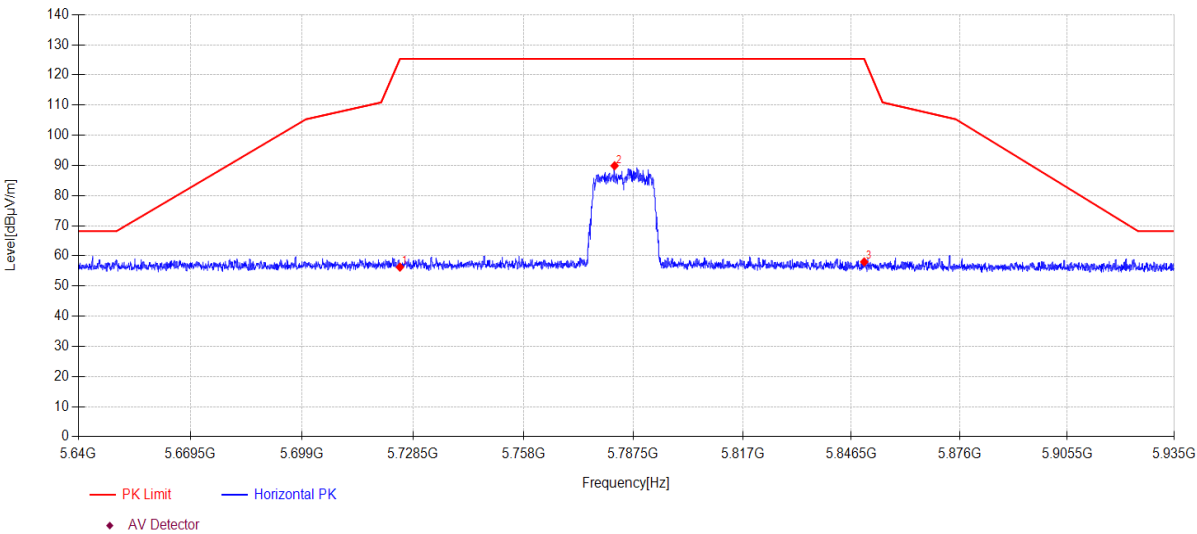
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Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\21

Memo:Sample Number:S24051516-001 Power Setting:15

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	16.64	33.75	5.87	0.00	56.26	125.30	69.04	PK	Horizontal
2	5782.456	49.90	34.09	5.90	0.00	89.89	125.30	35.41	PK	Horizontal
3	5850.000	18.07	34.00	5.94	0.00	58.01	125.27	67.26	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5785MHz ANT2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

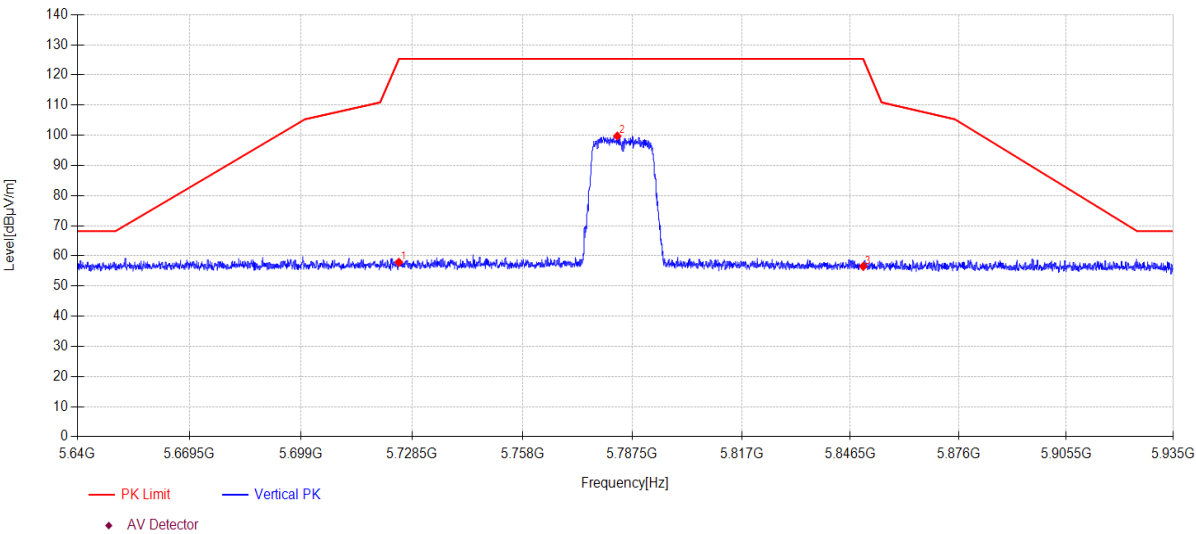
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Memo:

Sample Number:S24051516-001 Power Setting:15

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	18.25	33.75	5.87	0.00	57.87	125.30	67.43	PK	Vertical
2	5783.459	59.73	34.10	5.90	0.00	99.73	125.30	25.57	PK	Vertical
3	5850.000	16.57	34.00	5.94	0.00	56.51	125.27	68.76	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5825MHz ANT2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

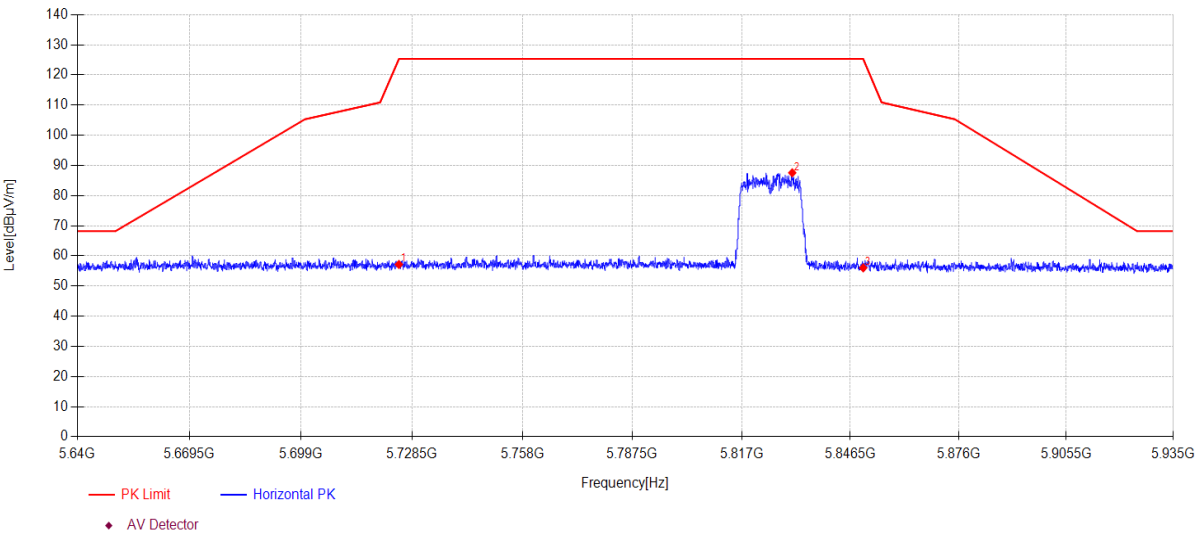
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Memo:

Sample Number:S24051516-001 Power Setting:15

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	17.54	33.75	5.87	0.00	57.16	125.30	68.14	PK	Horizontal
2	5830.718	47.54	34.08	5.93	0.00	87.55	125.30	37.75	PK	Horizontal
3	5850.000	16.09	34.00	5.94	0.00	56.03	125.27	69.24	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5825MHz ANT2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

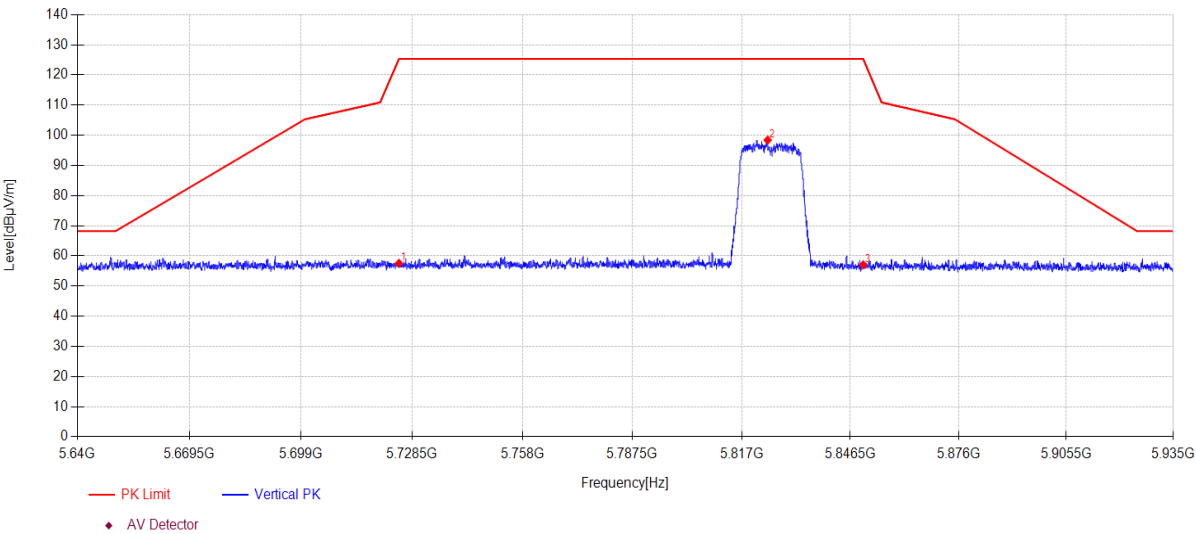
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Memo:

Sample Number:S24051516-001 Power Setting:15

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	17.91	33.75	5.87	0.00	57.53	125.30	67.77	PK	Vertical
2	5824.051	58.37	34.10	5.92	0.00	98.39	125.30	26.91	PK	Vertical
3	5850.000	17.08	34.00	5.94	0.00	57.02	125.27	68.25	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

N20 TX 5745MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

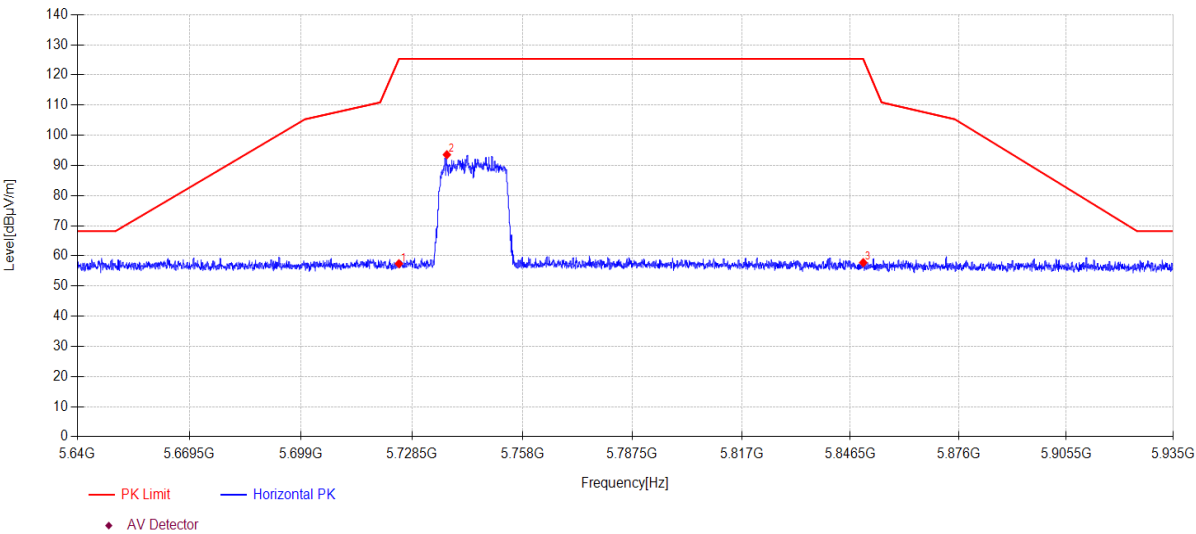
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Memo:

Sample Number:S24051516-001 Power Setting:15

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	17.78	33.75	5.87	0.00	57.40	125.30	67.90	PK	Horizontal
2	5737.793	53.84	33.83	5.88	0.00	93.55	125.30	31.75	PK	Horizontal
3	5850.000	17.82	34.00	5.94	0.00	57.76	125.27	67.51	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

N20 TX 5745MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

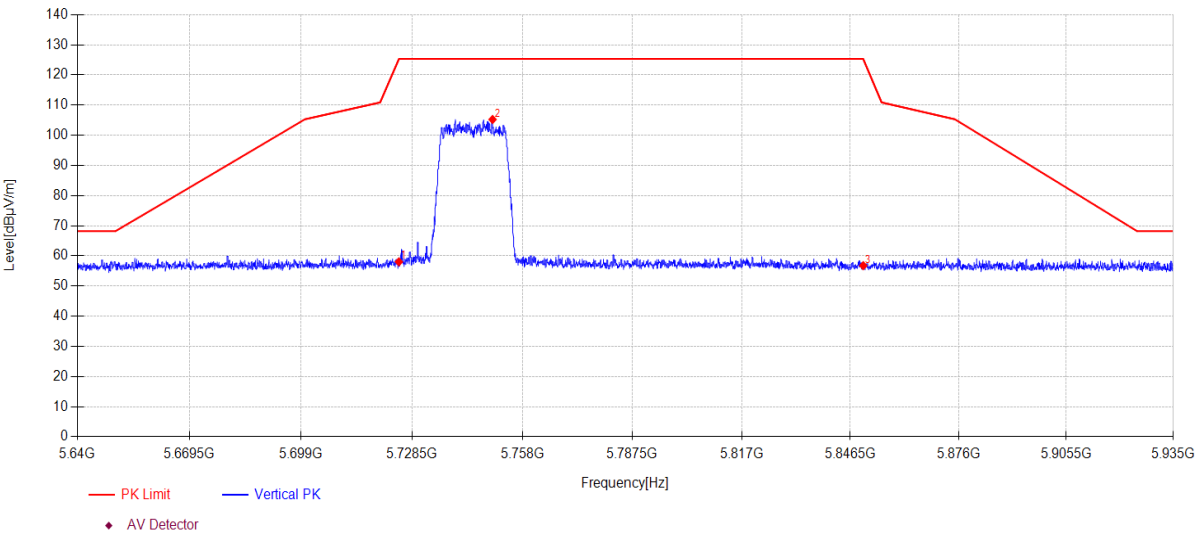
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Memo:

Sample Number:S24051516-001 Power Setting:15

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	18.40	33.75	5.87	0.00	58.02	125.30	67.28	PK	Vertical
2	5750.006	65.45	33.90	5.89	0.00	105.24	125.30	20.06	PK	Vertical
3	5850.000	16.82	34.00	5.94	0.00	56.76	125.27	68.51	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:2024-06-28

Tested By:Genliu

EUT:Dual-band WiFi6 AX1500 Router

Model Number:Flow AX1501

Test Mode:N20 TX 5785MHz ANT1+2

Power Supply:AC 120V/60Hz

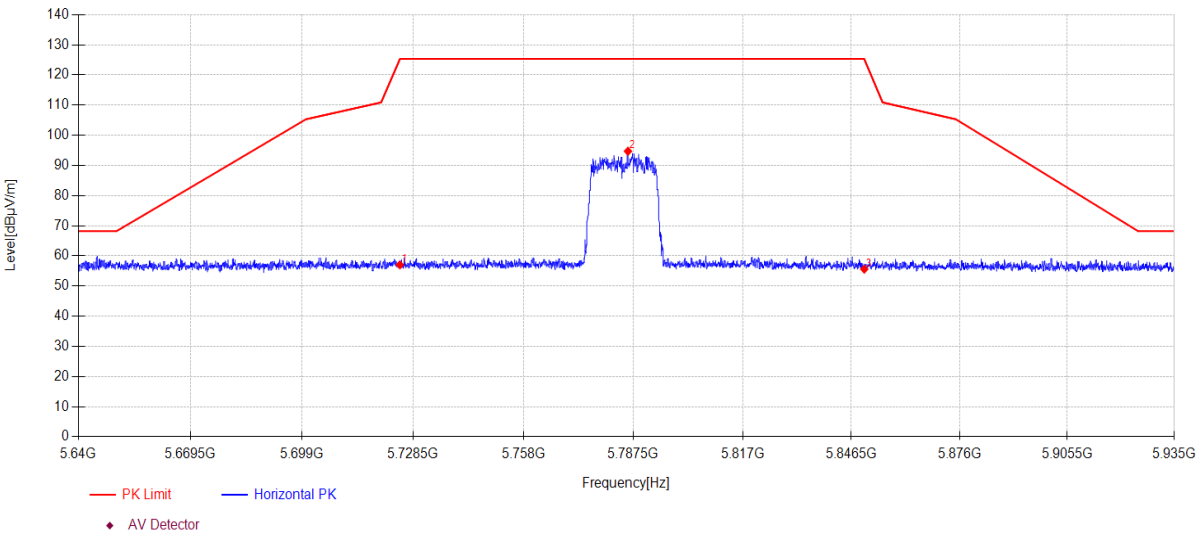
Condition:Temp:21.9°C;Humi:60.0%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\27

Memo:Sample Number:S24051516-001 Power Setting:15

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	17.41	33.75	5.87	0.00	57.03	125.30	68.27	PK	Horizontal
2	5786.055	54.69	34.12	5.90	0.00	94.71	125.30	30.59	PK	Horizontal
3	5850.000	15.67	34.00	5.94	0.00	55.61	125.27	69.66	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

N20 TX 5785MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

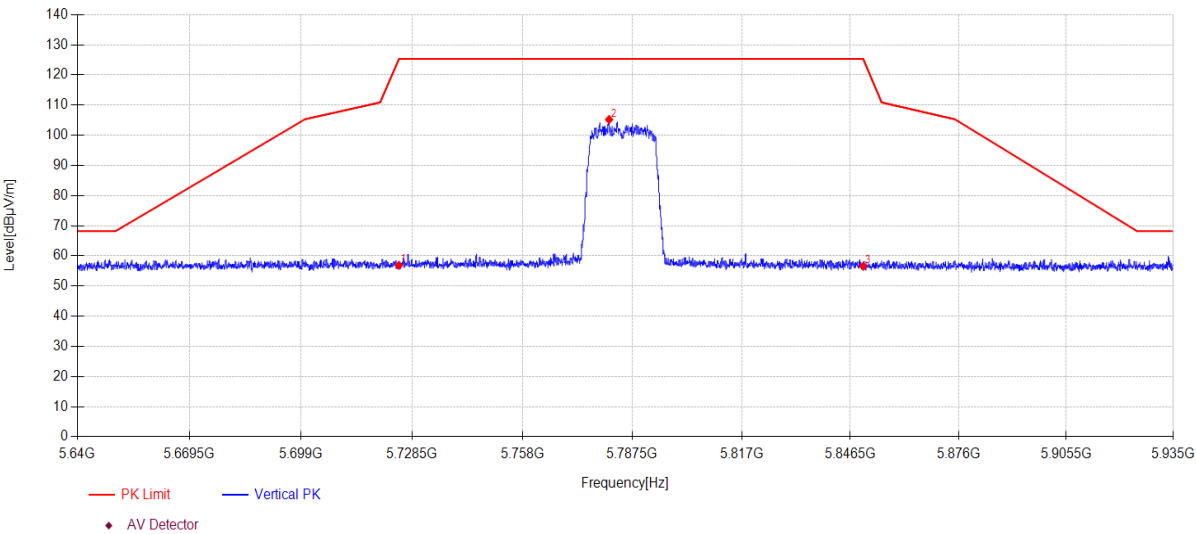
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Memo:

Sample Number:S24051516-001 Power Setting:15

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	17.25	33.75	5.87	0.00	56.87	125.30	68.43	PK	Vertical
2	5781.246	65.23	34.09	5.90	0.00	105.22	125.30	20.08	PK	Vertical
3	5850.000	16.63	34.00	5.94	0.00	56.57	125.27	68.70	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

N20 TX 5825MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

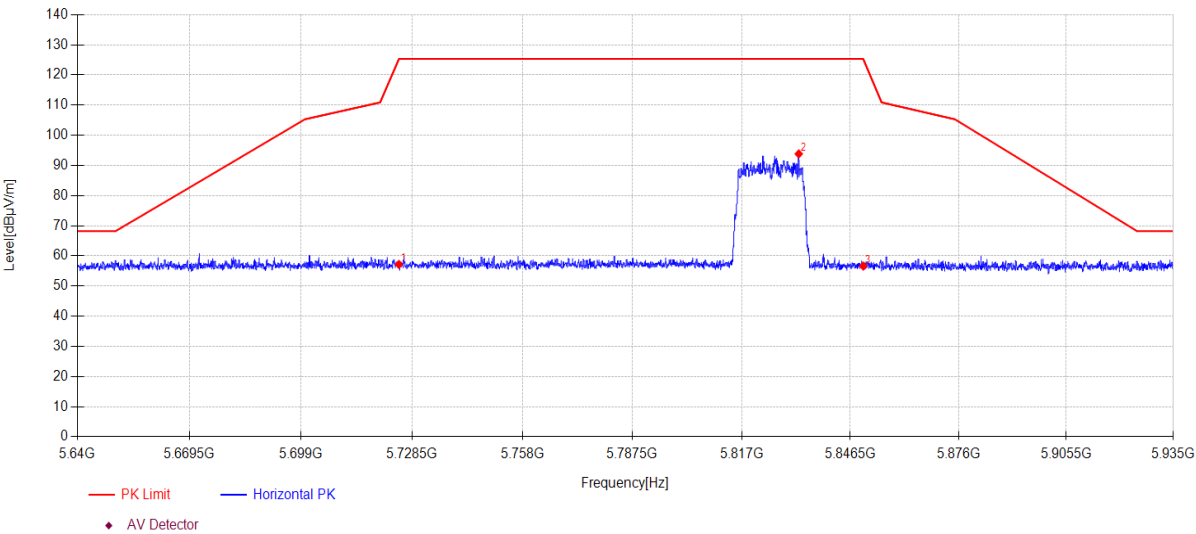
File Path:

d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\29

Memo:

Sample Number:S24051516-001 Power Setting:15

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	17.56	33.75	5.87	0.00	57.18	125.30	68.12	PK	Horizontal
2	5832.488	53.82	34.07	5.93	0.00	93.82	125.30	31.48	PK	Horizontal
3	5850.000	16.67	34.00	5.94	0.00	56.61	125.27	68.66	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

N20 TX 5825MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

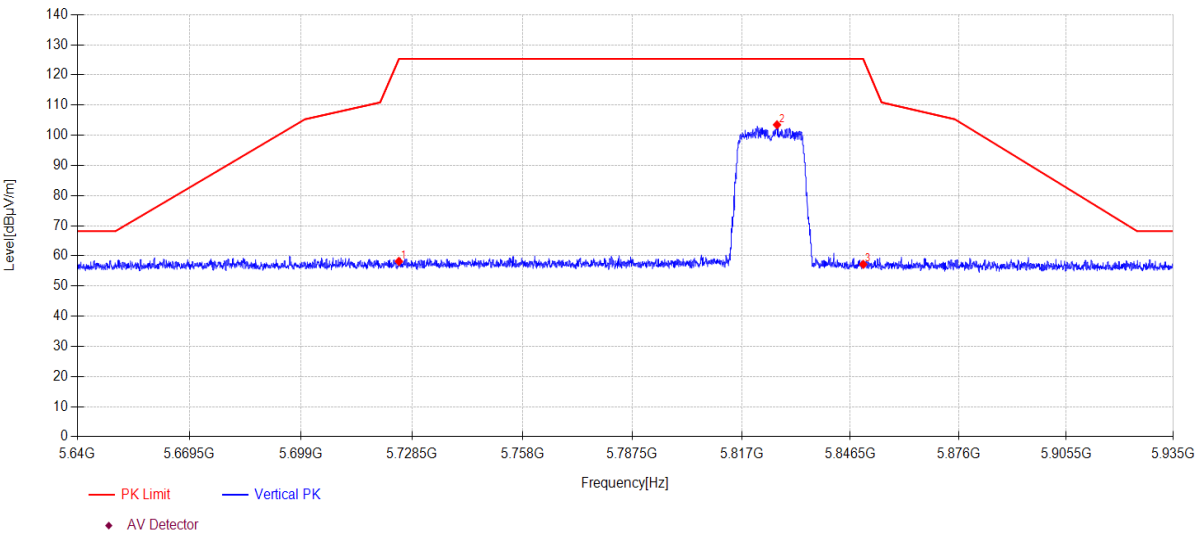
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d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\30

Memo:

Sample Number:S24051516-001 Power Setting:15

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	18.55	33.75	5.87	0.00	58.17	125.30	67.13	PK	Vertical
2	5826.588	63.46	34.09	5.92	0.00	103.47	125.30	21.83	PK	Vertical
3	5850.000	17.25	34.00	5.94	0.00	57.19	125.27	68.08	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-06-28

Tested By:Genliu

EUT:Dual-band WiFi6 AX1500 Router

Model Number:Flow AX1501

Test Mode:AC20 TX 5745MHz ANT1+2

Power Supply:AC 120V/60Hz

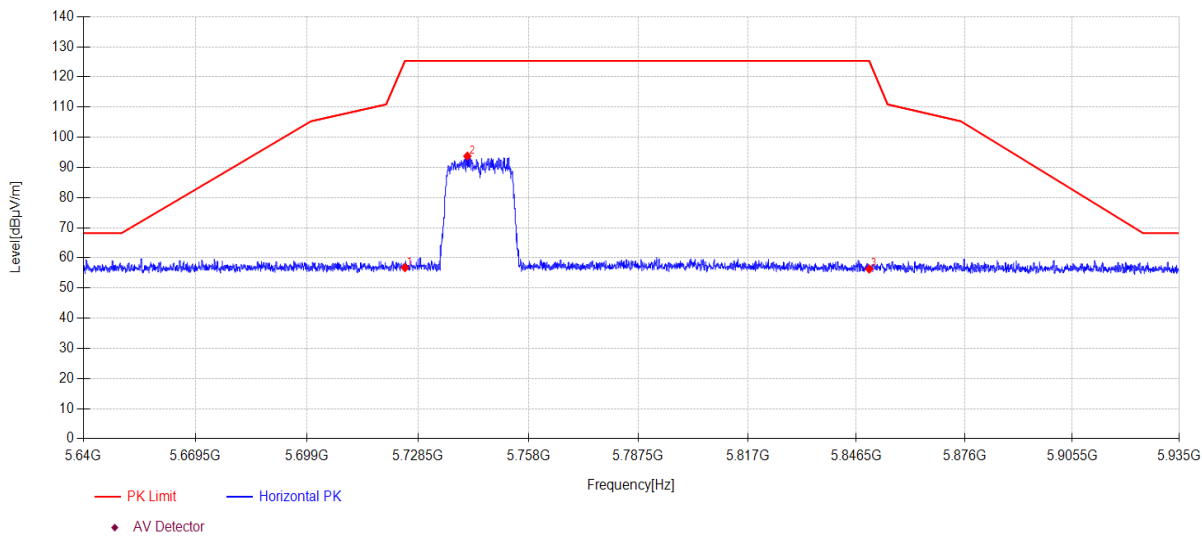
Condition:Temp:21.9°C;Humi:60.0%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\31

Memo:Sample Number:S24051516-001 Power Setting:15

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	17.16	33.75	5.87	0.00	56.78	125.30	68.52	PK	Horizontal
2	5741.657	54.01	33.85	5.88	0.00	93.74	125.30	31.56	PK	Horizontal
3	5850.000	16.35	34.00	5.94	0.00	56.29	125.27	68.98	PK	Horizontal

Note:

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

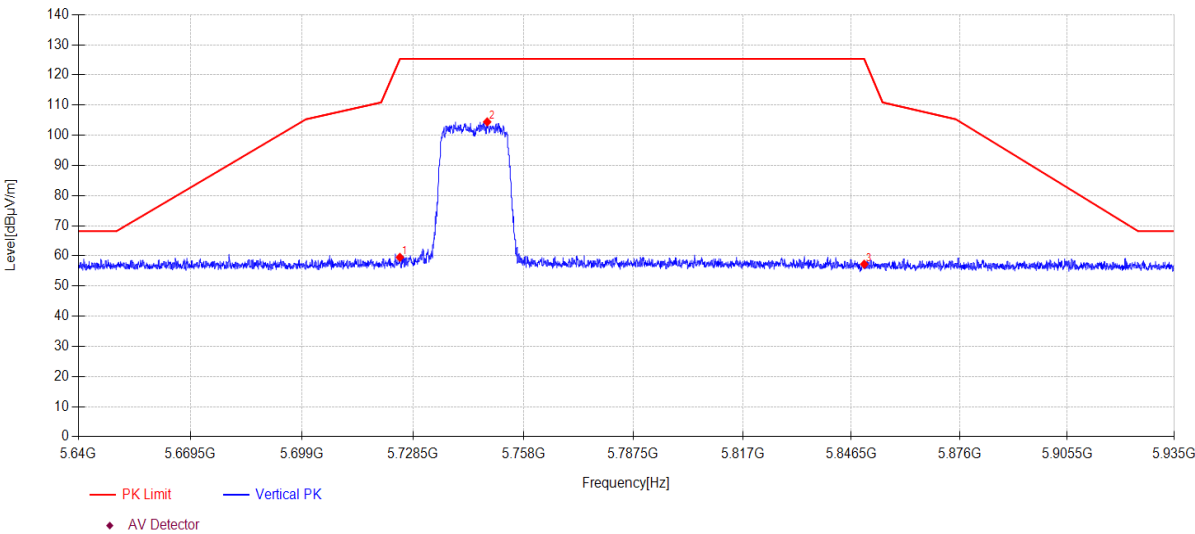
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-06-28 Tested By: Genliu
EUT: Dual-band WiFi6 AX1500 Router Model Number: Flow AX1501
Test Mode: AC20 TX 5745MHz ANT1+2 Power Supply: AC 120V/60Hz
Condition: Temp:21.9°C;Humi:60.0% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\32
Memo: Sample Number:S24051516-001 Power Setting:15

Test Graph



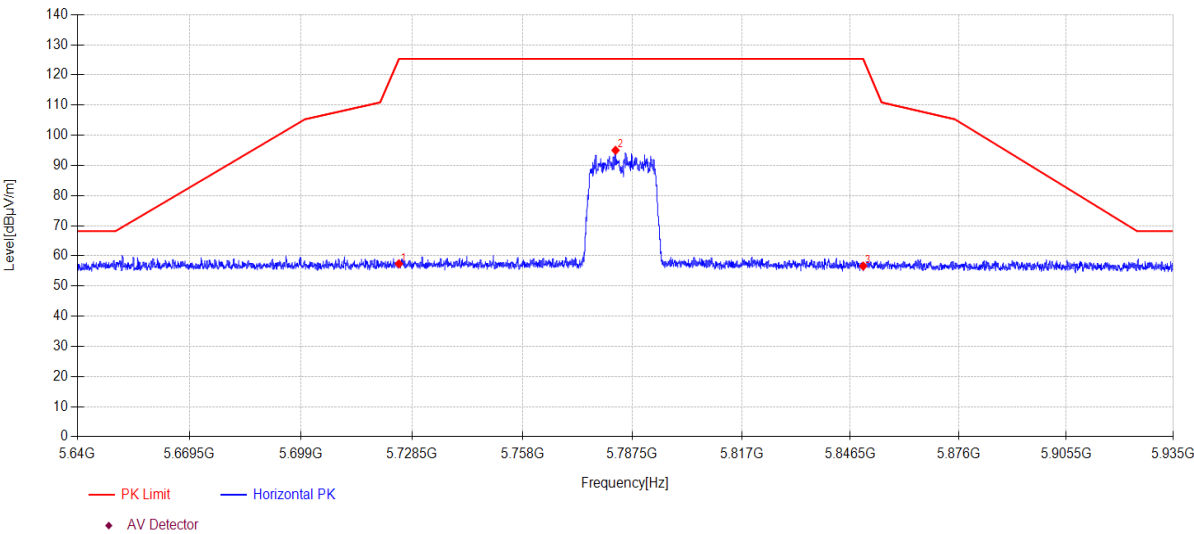
Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	19.88	33.75	5.87	0.00	59.50	125.30	65.80	PK	Vertical
2	5748.295	64.66	33.89	5.88	0.00	104.43	125.30	20.87	PK	Vertical
3	5850.000	17.29	34.00	5.94	0.00	57.23	125.27	68.04	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: 2024-06-28 Tested By: Genliu
EUT: Dual-band WiFi6 AX1500 Router Model Number: Flow AX1501
Test Mode: AC20 TX 5785MHz ANT1+2 Power Supply: AC 120V/60Hz
Condition: Temp:21.9°C;Humi:60.0% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\33
Memo: Sample Number:S24051516-001 Power Setting:15

Test Graph



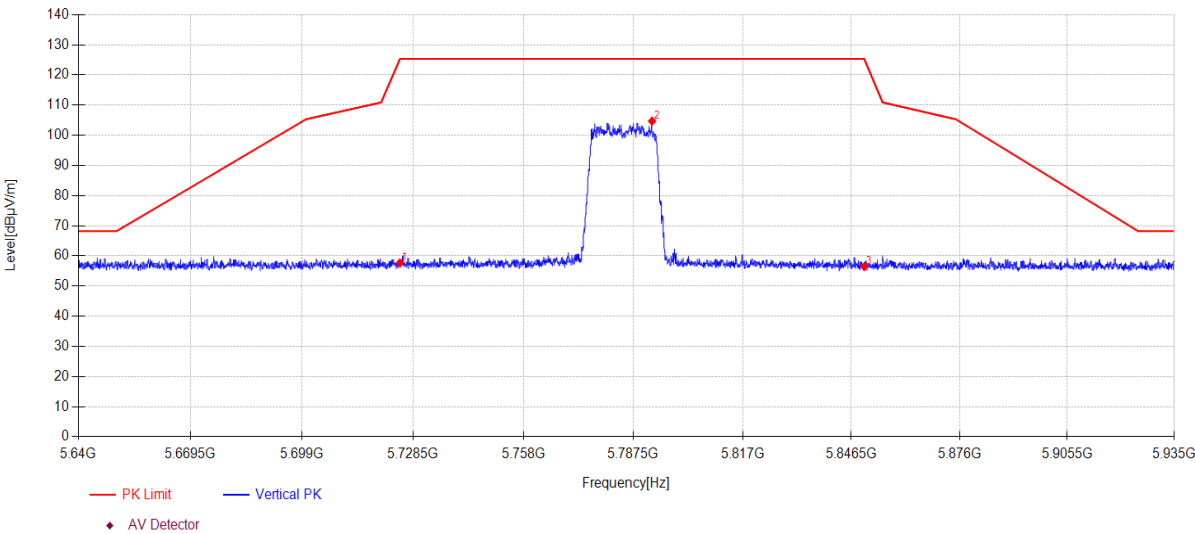
Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	17.78	33.75	5.87	0.00	57.40	125.30	67.90	PK	Horizontal
2	5782.987	55.01	34.10	5.90	0.00	95.01	125.30	30.29	PK	Horizontal
3	5850.000	16.68	34.00	5.94	0.00	56.62	125.27	68.65	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-06-28 Tested By: Genliu
EUT: Dual-band WiFi6 AX1500 Router Model Number: Flow AX1501
Test Mode: AC20 TX 5785MHz ANT1+2 Power Supply: AC 120V/60Hz
Condition: Temp:21.9°C;Humi:60.0% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\34
Memo: Sample Number:S24051516-001 Power Setting:15

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	18.01	33.75	5.87	0.00	57.63	125.30	67.67	PK	Vertical
2	5792.545	64.63	34.16	5.91	0.00	104.70	125.30	20.60	PK	Vertical
3	5850.000	16.48	34.00	5.94	0.00	56.42	125.27	68.85	PK	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC20 TX 5825MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

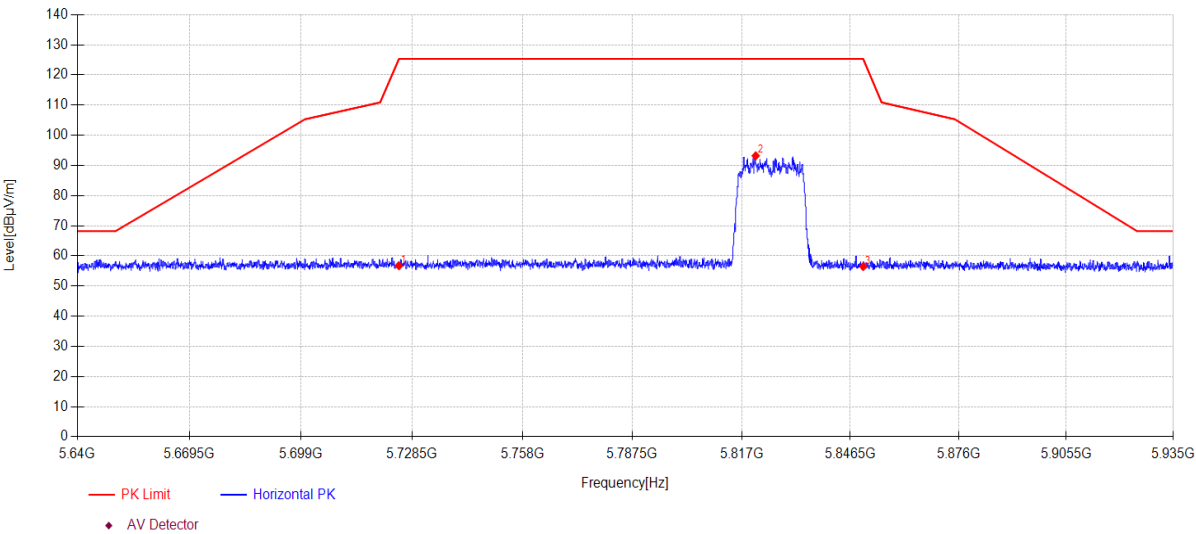
File Path:

d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\35

Memo:

Sample Number:S24051516-001 Power Setting:15

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	17.11	33.75	5.87	0.00	56.73	125.30	68.57	PK	Horizontal
2	5820.806	53.15	34.12	5.92	0.00	93.19	125.30	32.11	PK	Horizontal
3	5850.000	16.54	34.00	5.94	0.00	56.48	125.27	68.79	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC20 TX 5825MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

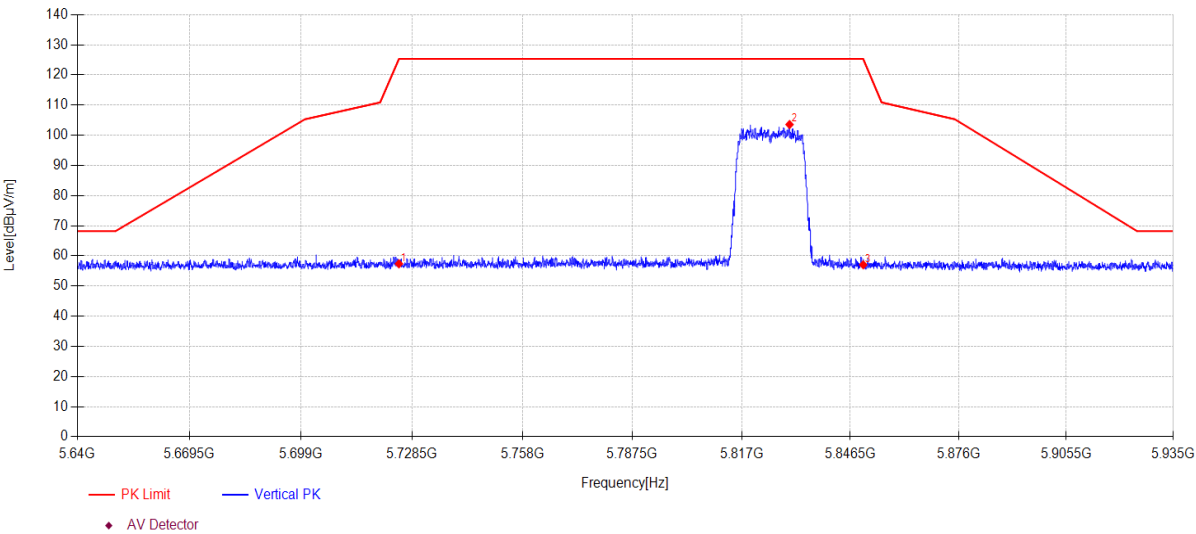
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Memo:

Sample Number:S24051516-001 Power Setting:15

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	17.75	33.75	5.87	0.00	57.37	125.30	67.93	PK	Vertical
2	5829.980	63.57	34.08	5.92	0.00	103.57	125.30	21.73	PK	Vertical
3	5850.000	17.11	34.00	5.94	0.00	57.05	125.27	68.22	PK	Vertical

Note:

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

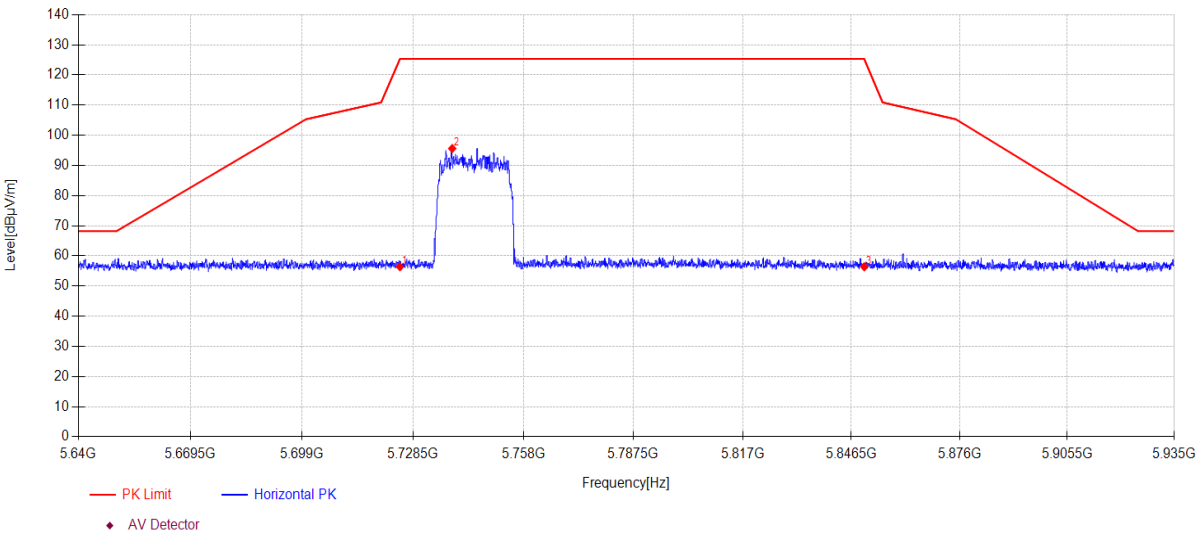
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-06-28 Tested By: Genliu
EUT: Dual-band WiFi6 AX1500 Router Model Number: Flow AX1501
Test Mode: AX20 TX 5745MHz ANT1+2 Power Supply: AC 120V/60Hz
Condition: Temp:21.9°C;Humi:60.0% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\37
Memo: Sample Number:S24051516-001 Power Setting:15

Test Graph



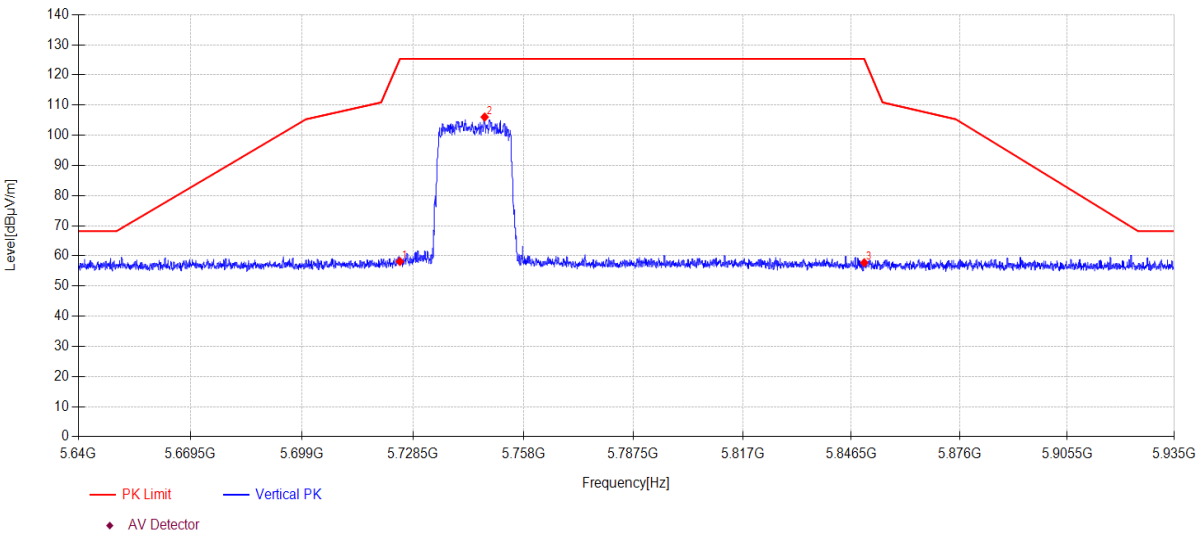
Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	16.78	33.75	5.87	0.00	56.40	125.30	68.90	PK	Horizontal
2	5738.943	55.89	33.83	5.88	0.00	95.60	125.30	29.70	PK	Horizontal
3	5850.000	16.44	34.00	5.94	0.00	56.38	125.27	68.89	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: 2024-06-28 Tested By: Genliu
EUT: Dual-band WiFi6 AX1500 Router Model Number: Flow AX1501
Test Mode: AX20 TX 5745MHz ANT1+2 Power Supply: AC 120V/60Hz
Condition: Temp:21.9°C;Humi:60.0% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\38
Memo: Sample Number:S24051516-001 Power Setting:15

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	18.50	33.75	5.87	0.00	58.12	125.30	67.18	PK	Vertical
2	5747.616	66.27	33.89	5.88	0.00	106.04	125.30	19.26	PK	Vertical
3	5850.000	17.79	34.00	5.94	0.00	57.73	125.27	67.54	PK	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-06-28 Tested By: Genliu

EUT: Dual-band WiFi6 AX1500 Router Model Number: Flow AX1501

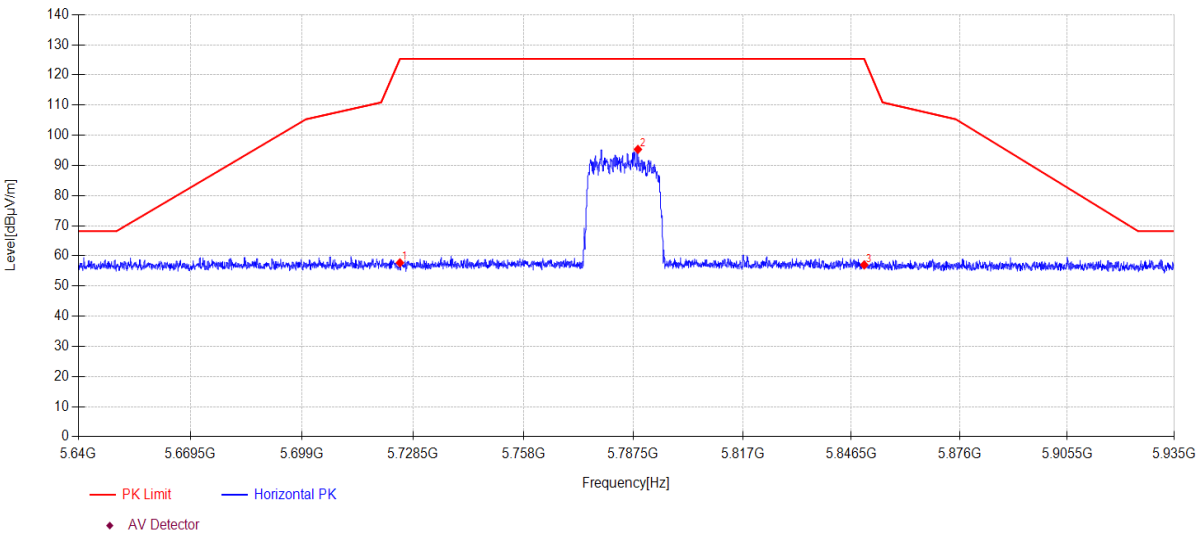
Test Mode: AX20 TX 5785MHz ANT1+2 Power Supply: AC 120V/60Hz

Condition: Temp:21.9°C;Humi:60.0% Test Site: DDT 3# Chamber

File Path: d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\39

Memo: Sample Number:S24051516-001 Power Setting:15

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	18.08	33.75	5.87	0.00	57.70	125.30	67.60	PK	Horizontal
2	5788.739	55.29	34.13	5.90	0.00	95.32	125.30	29.98	PK	Horizontal
3	5850.000	17.06	34.00	5.94	0.00	57.00	125.27	68.27	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX20 TX 5785MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

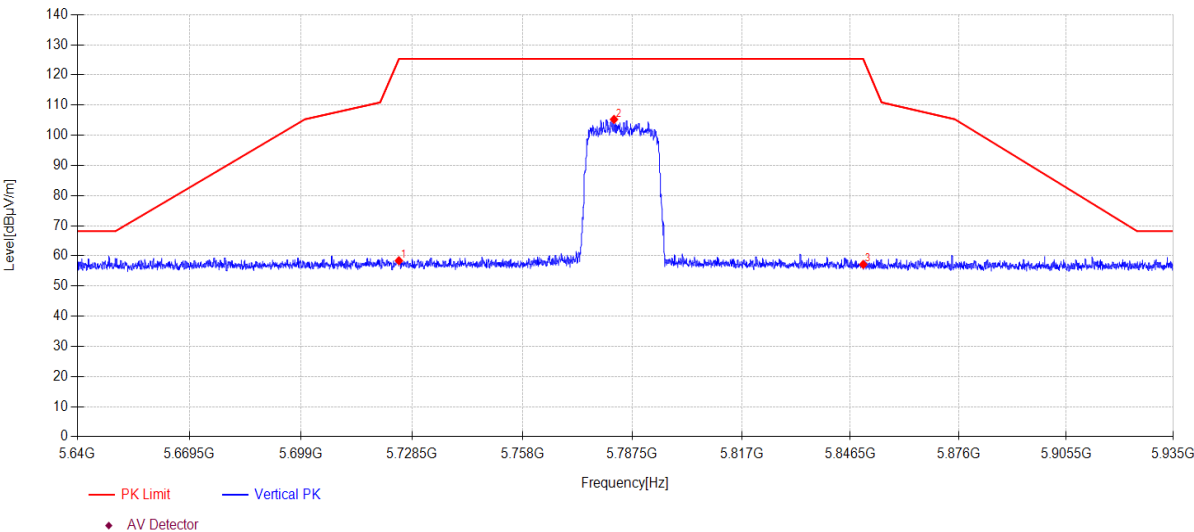
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Memo:

Sample Number:S24051516-001 Power Setting:15

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	18.77	33.75	5.87	0.00	58.39	125.30	66.91	PK	Vertical
2	5782.574	65.26	34.10	5.90	0.00	105.26	125.30	20.04	PK	Vertical
3	5850.000	17.22	34.00	5.94	0.00	57.16	125.27	68.11	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:2024-06-28

Tested By:Genliu

EUT:Dual-band WiFi6 AX1500 Router

Model Number:Flow AX1501

Test Mode:AX20 TX 5825MHz ANT1+2

Power Supply:AC 120V/60Hz

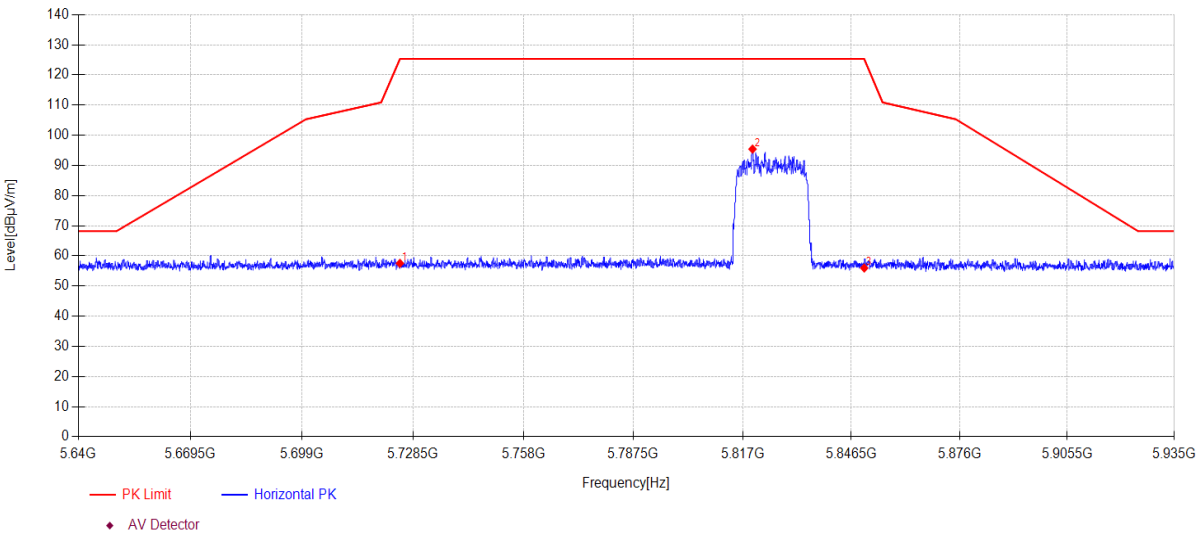
Condition:Temp:21.9°C;Humi:60.0%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\41

Memo:Sample Number:S24051516-001 Power Setting:15

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	17.90	33.75	5.87	0.00	57.52	125.30	67.78	PK	Horizontal
2	5819.685	55.38	34.12	5.92	0.00	95.42	125.30	29.88	PK	Horizontal
3	5850.000	16.03	34.00	5.94	0.00	55.97	125.27	69.30	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX20 TX 5825MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

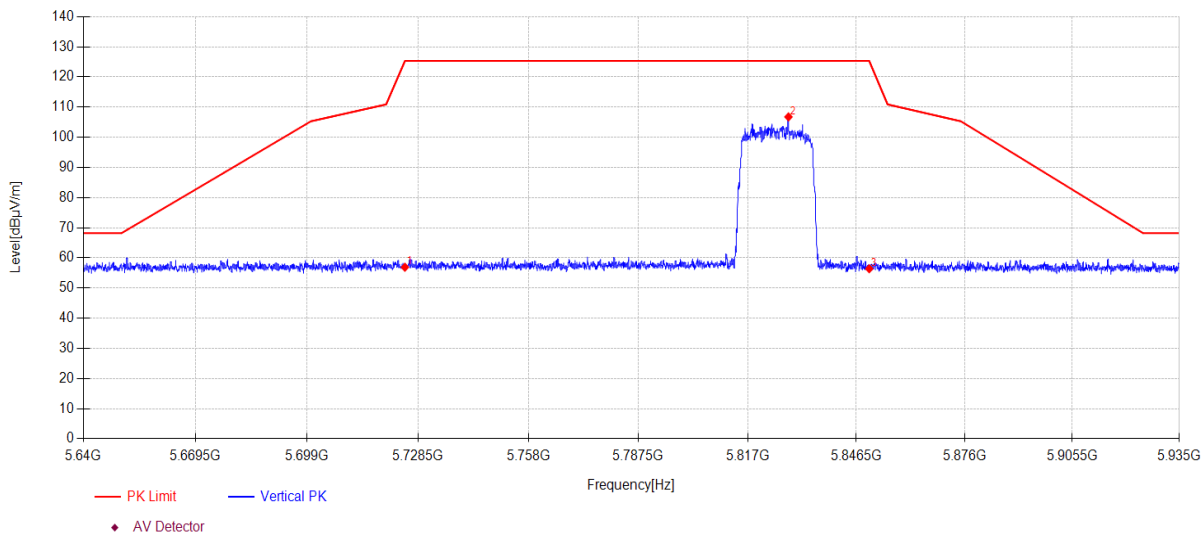
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Memo:

Sample Number:S24051516-001 Power Setting:15

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	17.28	33.75	5.87	0.00	56.90	125.30	68.40	PK	Vertical
2	5828.063	66.74	34.09	5.92	0.00	106.75	125.30	18.55	PK	Vertical
3	5850.000	16.46	34.00	5.94	0.00	56.40	125.27	68.87	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

N40 TX 5755MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

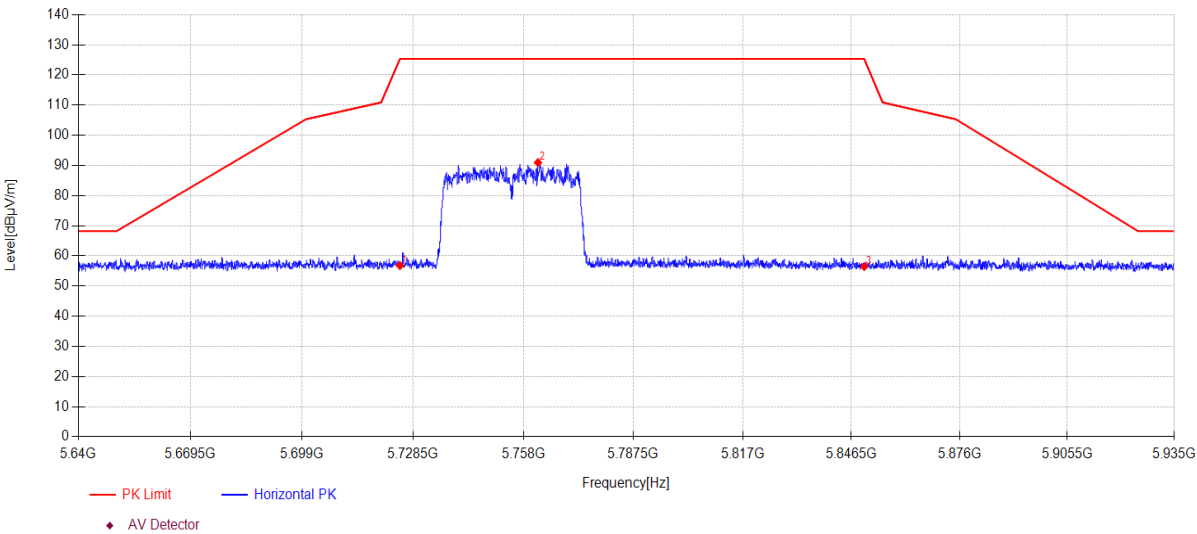
File Path:

d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\43

Memo:

Sample Number:S24051516-001 Power Setting:15

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	17.18	33.75	5.87	0.00	56.80	125.30	68.50	PK	Horizontal
2	5761.894	51.09	33.97	5.89	0.00	90.95	125.30	34.35	PK	Horizontal
3	5850.000	16.53	34.00	5.94	0.00	56.47	125.27	68.80	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

N40 TX 5755MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

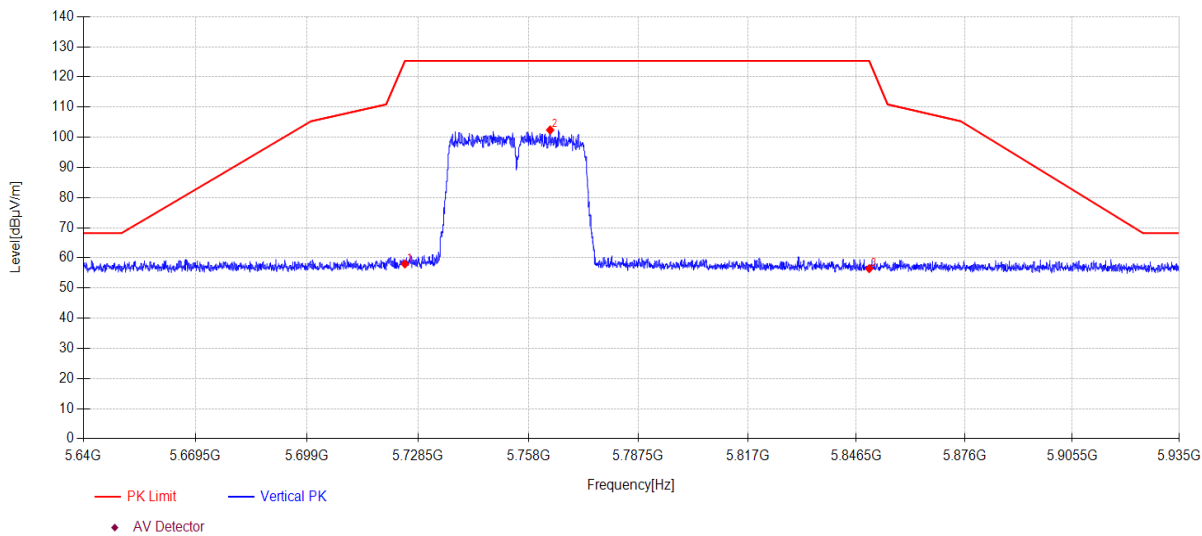
File Path:

d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\44

Memo:

Sample Number:S24051516-001 Power Setting:15

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	18.37	33.75	5.87	0.00	57.99	125.30	67.31	PK	Vertical
2	5763.812	62.54	33.98	5.89	0.00	102.41	125.30	22.89	PK	Vertical
3	5850.000	16.50	34.00	5.94	0.00	56.44	125.27	68.83	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

N40 TX 5795MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

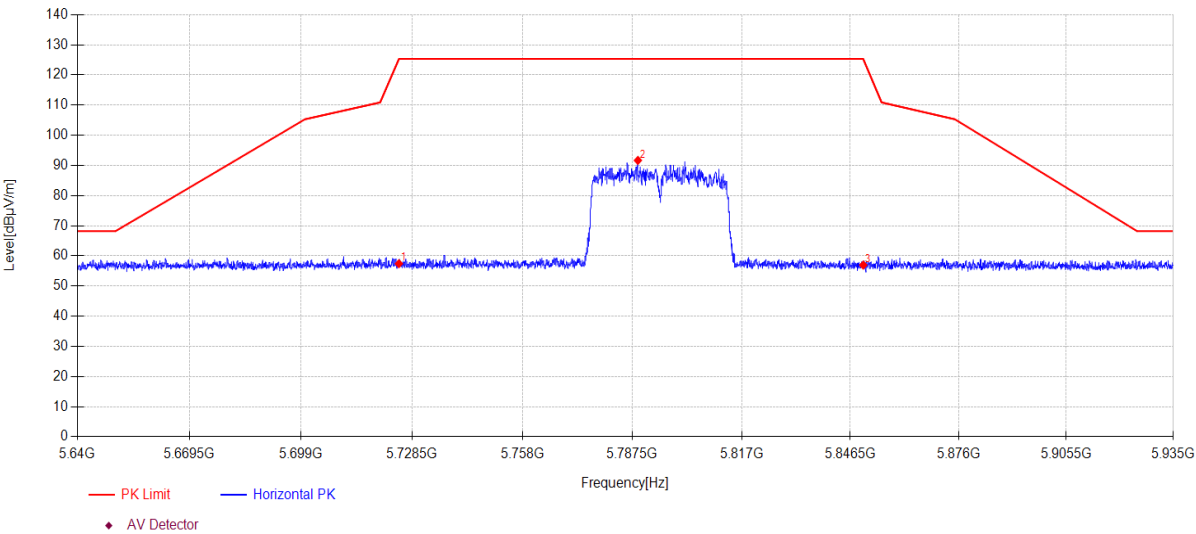
File Path:

d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\45

Memo:

Sample Number:S24051516-001 Power Setting:15

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	17.79	33.75	5.87	0.00	57.41	125.30	67.89	PK	Horizontal
2	5789.005	51.64	34.13	5.90	0.00	91.67	125.30	33.63	PK	Horizontal
3	5850.000	17.01	34.00	5.94	0.00	56.95	125.27	68.32	PK	Horizontal

Note:

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

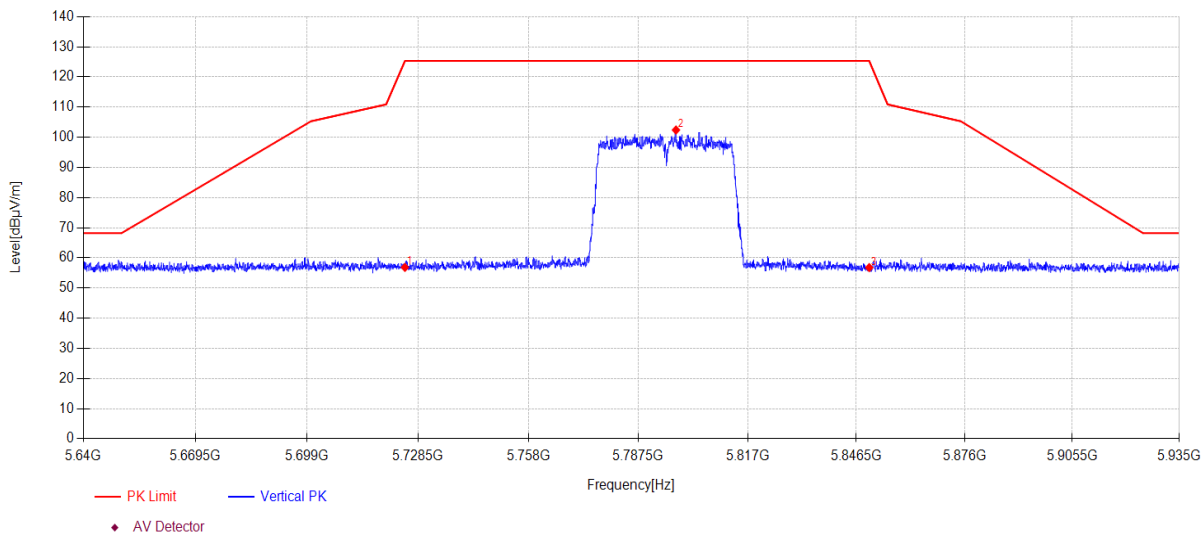
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-06-28 Tested By: Genliu
EUT: Dual-band WiFi6 AX1500 Router Model Number: Flow AX1501
Test Mode: N40 TX 5795MHz ANT1+2 Power Supply: AC 120V/60Hz
Condition: Temp:21.9°C;Humi:60.0% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\46
Memo: Sample Number:S24051516-001 Power Setting:15

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	17.22	33.75	5.87	0.00	56.84	125.30	68.46	PK	Vertical
2	5797.648	62.31	34.19	5.91	0.00	102.41	125.30	22.89	PK	Vertical
3	5850.000	16.84	34.00	5.94	0.00	56.78	125.27	68.49	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC40 TX 5755MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

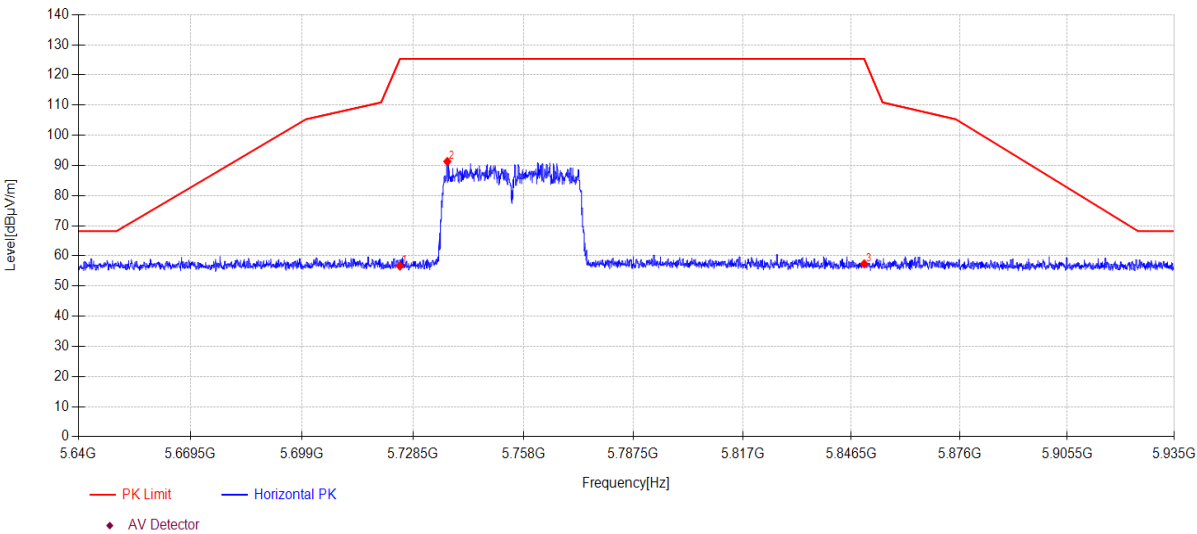
File Path:

d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\49

Memo:

Sample Number:S24051516-001 Power Setting:15

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	17.00	33.75	5.87	0.00	56.62	125.30	68.68	PK	Horizontal
2	5737.645	51.60	33.83	5.88	0.00	91.31	125.30	33.99	PK	Horizontal
3	5850.000	17.42	34.00	5.94	0.00	57.36	125.27	67.91	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC40 TX 5755MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

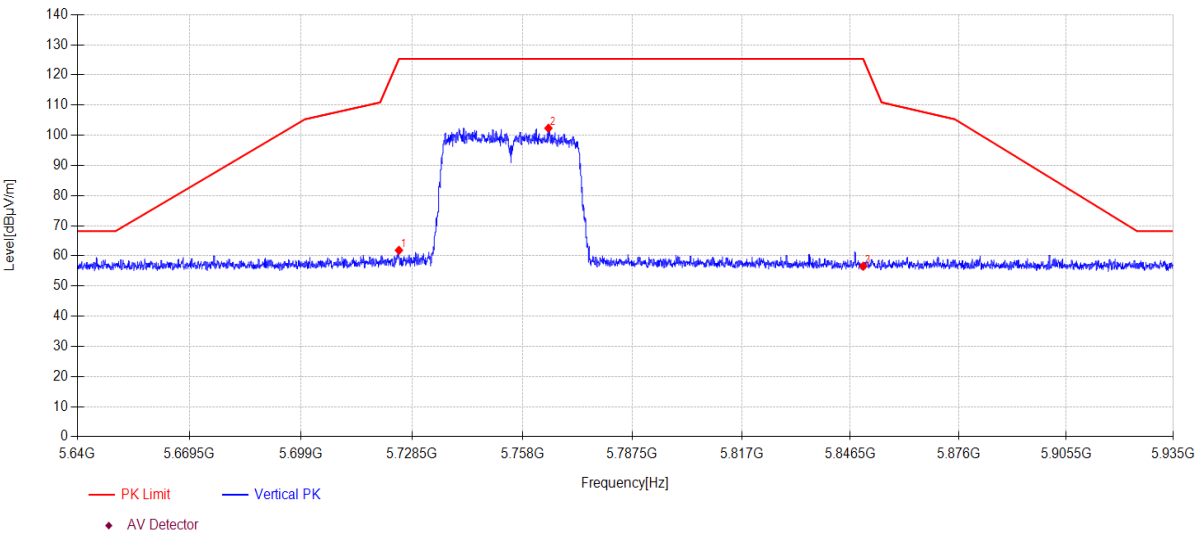
File Path:

d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\50

Memo:

Sample Number:S24051516-001 Power Setting:15

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	22.22	33.75	5.87	0.00	61.84	125.30	63.46	PK	Vertical
2	5764.962	62.47	33.99	5.89	0.00	102.35	125.30	22.95	PK	Vertical
3	5850.000	16.63	34.00	5.94	0.00	56.57	125.27	68.70	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC40 TX 5795MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

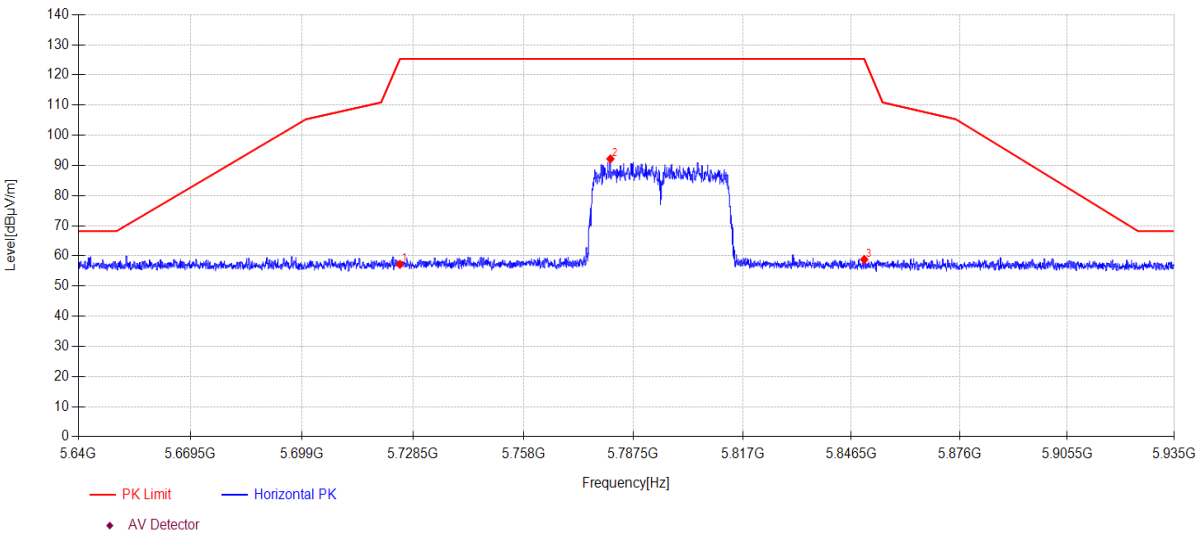
File Path:

d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\47

Memo:

Sample Number:S24051516-001 Power Setting:15

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	17.57	33.75	5.87	0.00	57.19	125.30	68.11	PK	Horizontal
2	5781.335	52.18	34.09	5.90	0.00	92.17	125.30	33.13	PK	Horizontal
3	5850.000	18.86	34.00	5.94	0.00	58.80	125.27	66.47	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC40 TX 5795MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

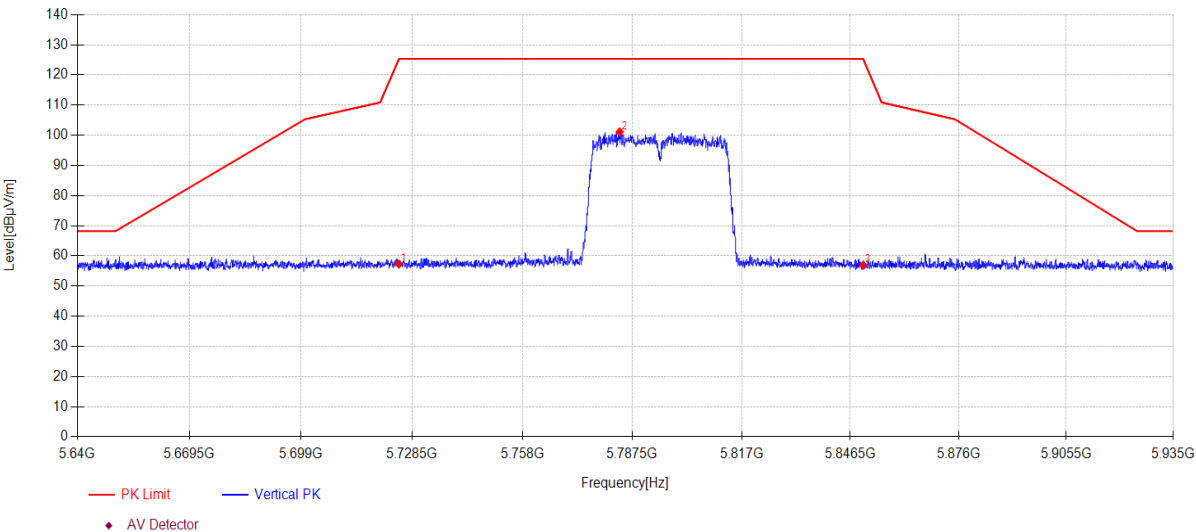
File Path:

d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\48

Memo:

Sample Number:S24051516-001 Power Setting:15

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	17.68	33.75	5.87	0.00	57.30	125.30	68.00	PK	Vertical
2	5784.108	61.12	34.10	5.90	0.00	101.12	125.30	24.18	PK	Vertical
3	5850.000	16.94	34.00	5.94	0.00	56.88	125.27	68.39	PK	Vertical

Note:

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

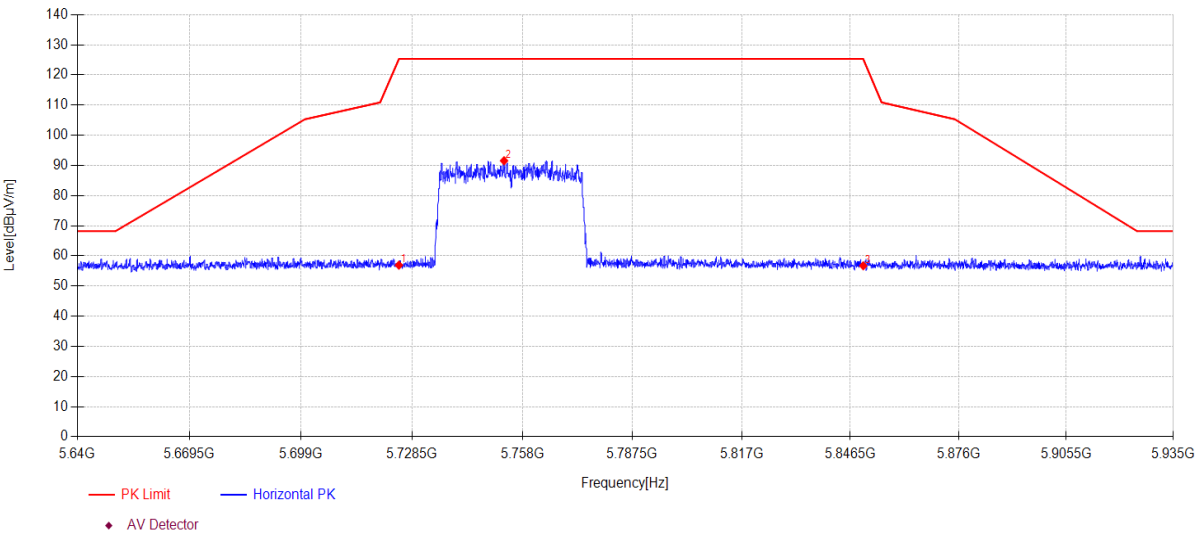
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-06-28 Tested By: Genliu
EUT: Dual-band WiFi6 AX1500 Router Model Number: Flow AX1501
Test Mode: AX40 TX 5755MHz ANT1+2 Power Supply: AC 120V/60Hz
Condition: Temp:21.9°C;Humi:60.0% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\51
Memo: Sample Number:S24051516-001 Power Setting:15

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	17.30	33.75	5.87	0.00	56.92	125.30	68.38	PK	Horizontal
2	5753.074	51.74	33.92	5.89	0.00	91.55	125.30	33.75	PK	Horizontal
3	5850.000	16.78	34.00	5.94	0.00	56.72	125.27	68.55	PK	Horizontal

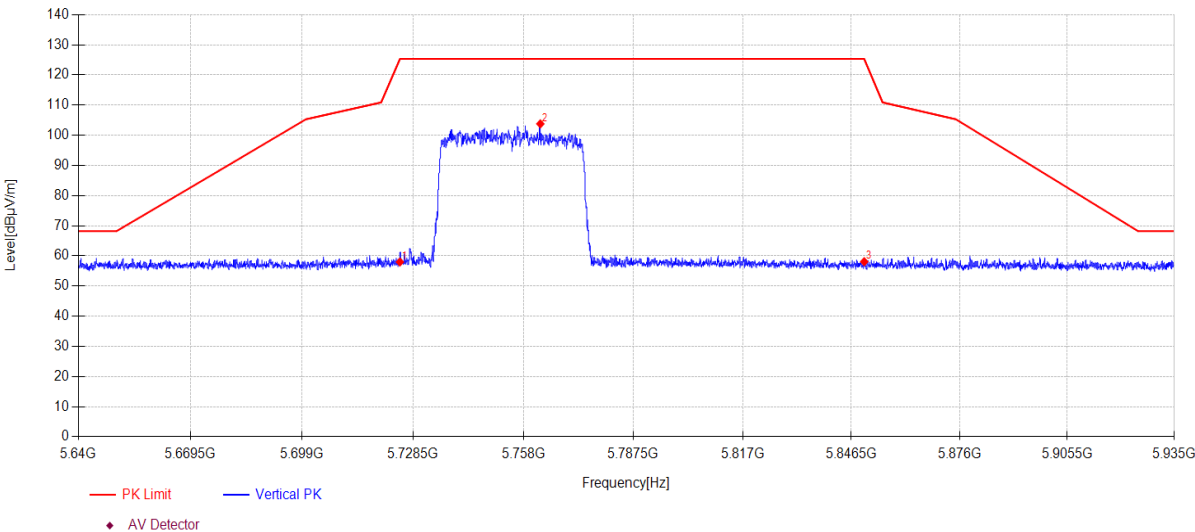
Note:

- 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: 2024-06-28 Tested By: Genliu
EUT: Dual-band WiFi6 AX1500 Router Model Number: Flow AX1501
Test Mode: AX40 TX 5755MHz ANT1+2 Power Supply: AC 120V/60Hz
Condition: Temp:21.9°C;Humi:60.0% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\52
Memo: Sample Number:S24051516-001 Power Setting:15

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	18.35	33.75	5.87	0.00	57.97	125.30	67.33	PK	Vertical
2	5762.514	63.92	33.98	5.89	0.00	103.79	125.30	21.51	PK	Vertical
3	5850.000	18.14	34.00	5.94	0.00	58.08	125.27	67.19	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX40 TX 5795MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

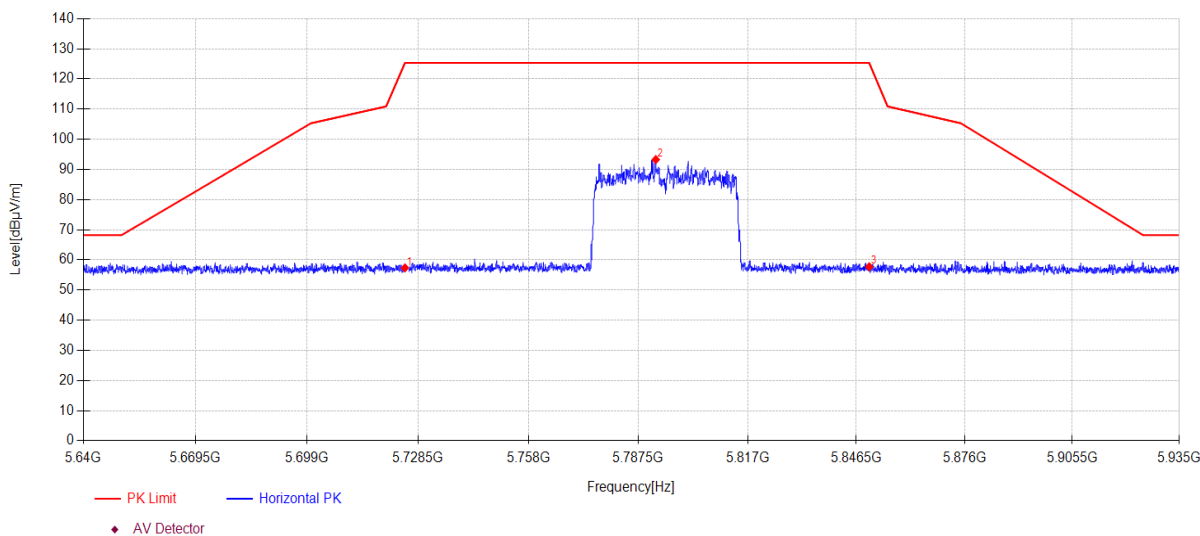
File Path:

d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\53

Memo:

Sample Number:S24051516-001 Power Setting:15

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	17.72	33.75	5.87	0.00	57.34	125.30	67.96	PK	Horizontal
2	5792.191	53.20	34.15	5.91	0.00	93.26	125.30	32.04	PK	Horizontal
3	5850.000	17.76	34.00	5.94	0.00	57.70	125.27	67.57	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-06-28

Tested By:Genliu

EUT:Dual-band WiFi6 AX1500 Router

Model Number:Flow AX1501

Test Mode:AX40 TX 5795MHz ANT1+2

Power Supply:AC 120V/60Hz

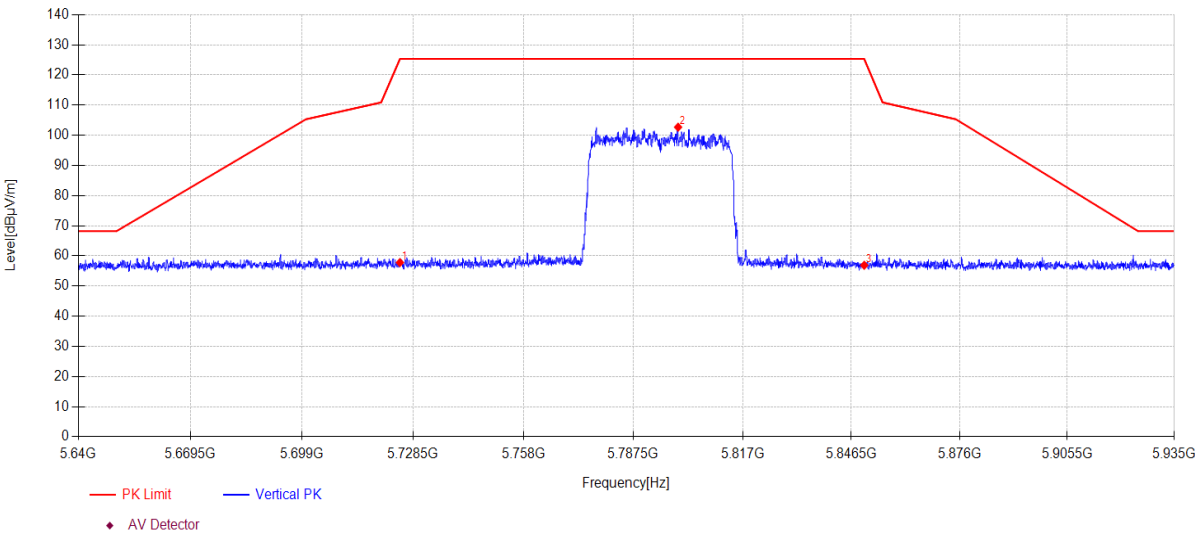
Condition:Temp:21.9°C;Humi:60.0%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\54

Memo:Sample Number:S24051516-001 Power Setting:15

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	18.17	33.75	5.87	0.00	57.79	125.30	67.51	PK	Vertical
2	5799.566	62.58	34.20	5.91	0.00	102.69	125.30	22.61	PK	Vertical
3	5850.000	16.94	34.00	5.94	0.00	56.88	125.27	68.39	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC80 TX 5775MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

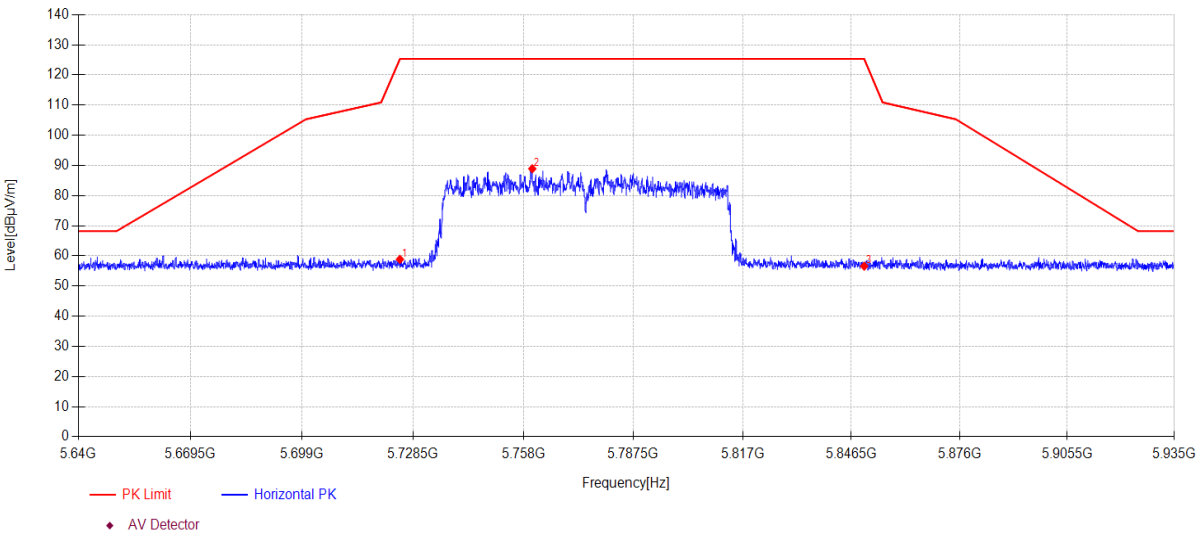
File Path:

d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\55

Memo:

Sample Number:S24051516-001 Power Setting:15

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	19.23	33.75	5.87	0.00	58.85	125.30	66.45	PK	Horizontal
2	5760.360	49.05	33.96	5.89	0.00	88.90	125.30	36.40	PK	Horizontal
3	5850.000	16.64	34.00	5.94	0.00	56.58	125.27	68.69	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC80 TX 5775MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

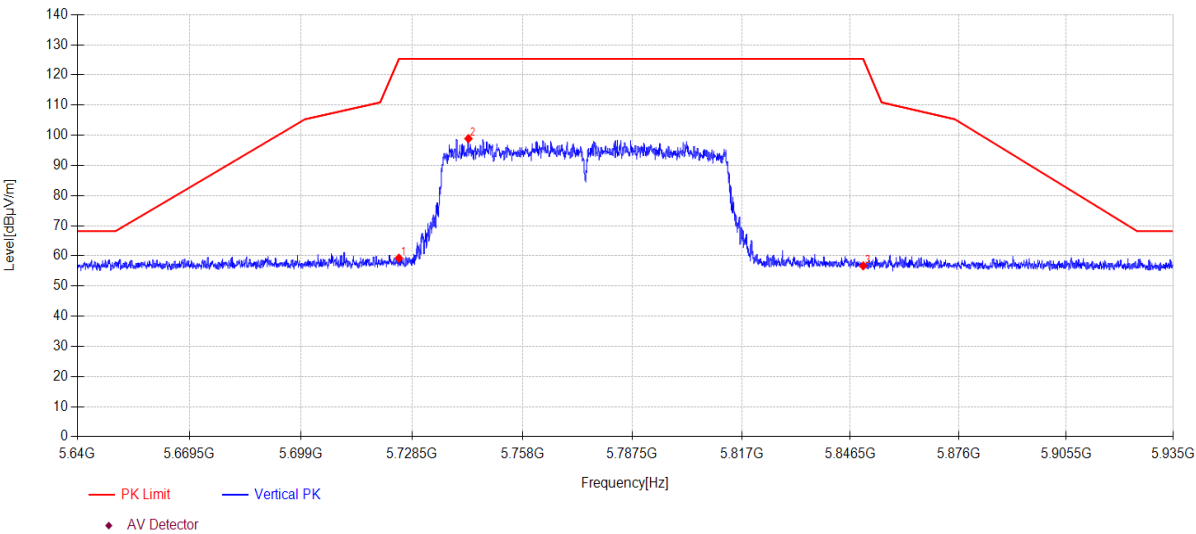
File Path:

d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\56

Memo:

Sample Number:S24051516-001 Power Setting:15

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	19.62	33.75	5.87	0.00	59.24	125.30	66.06	PK	Vertical
2	5743.545	59.14	33.86	5.88	0.00	98.88	125.30	26.42	PK	Vertical
3	5850.000	16.76	34.00	5.94	0.00	56.70	125.27	68.57	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:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX80 TX 5775MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

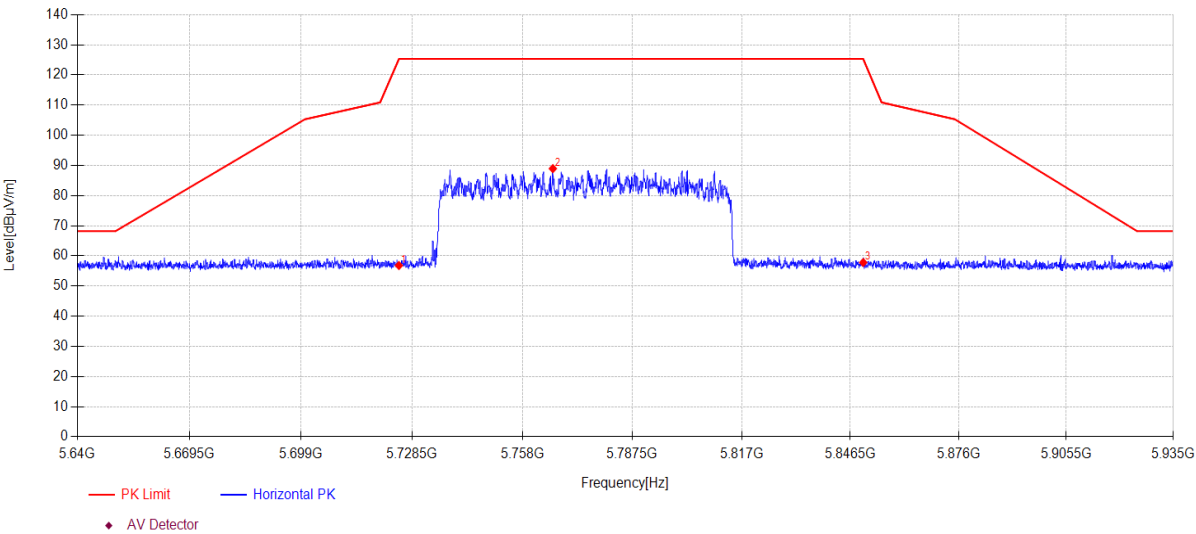
File Path:

d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\57

Memo:

Sample Number:S24051516-001 Power Setting:15

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	17.18	33.75	5.87	0.00	56.80	125.30	68.50	PK	Horizontal
2	5766.142	49.05	34.00	5.89	0.00	88.94	125.30	36.36	PK	Horizontal
3	5850.000	17.86	34.00	5.94	0.00	57.80	125.27	67.47	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX80 TX 5775MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

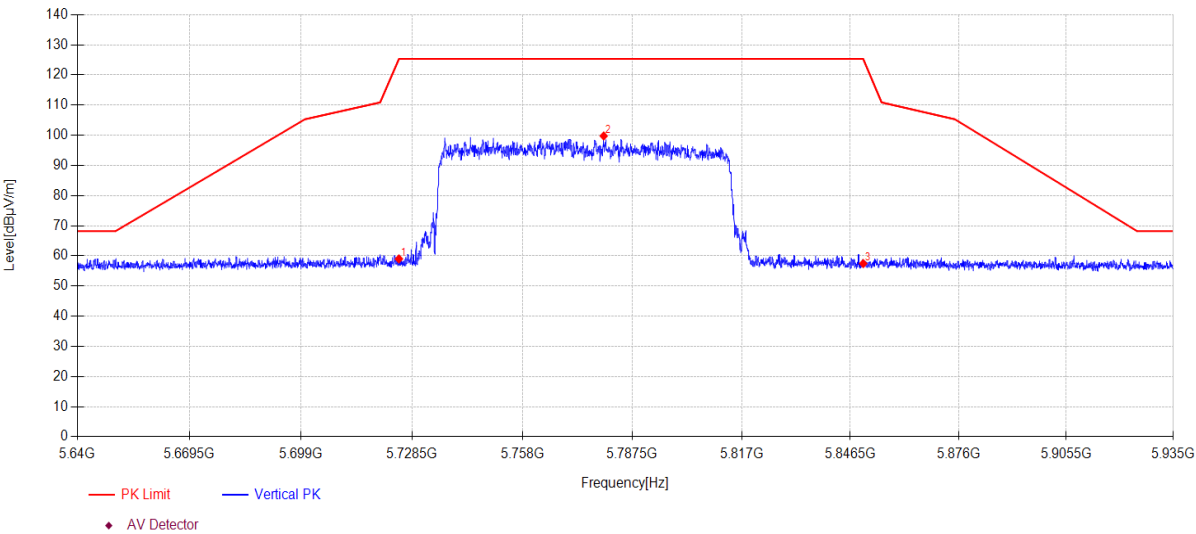
File Path:

d:\ts\2024 report data\Q25030309-1E\FCC ABOVE 1G 5.8G\58

Memo:

Sample Number:S24051516-001 Power Setting:15

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	19.39	33.75	5.87	0.00	59.01	125.30	66.29	PK	Vertical
2	5779.801	59.79	34.08	5.90	0.00	99.77	125.30	25.53	PK	Vertical
3	5850.000	17.51	34.00	5.94	0.00	57.45	125.27	67.82	PK	Vertical

Note:

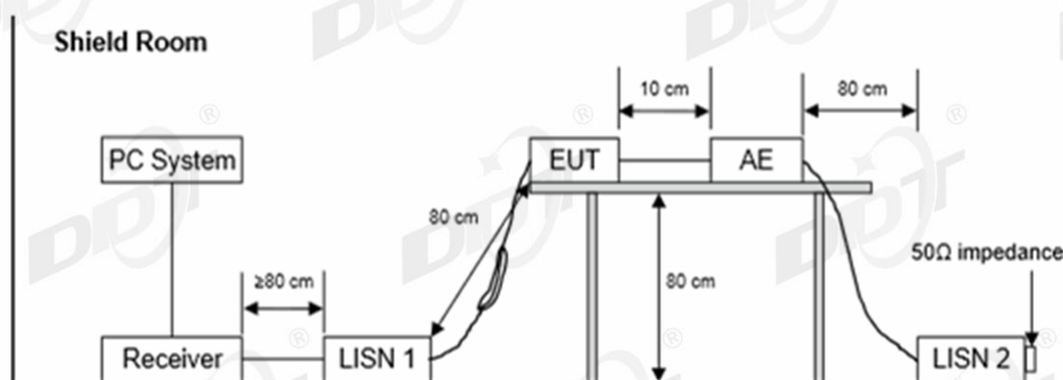
- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14.Power Line Conducted Emissions

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Conducted Radiated Software	Audix	E3	DDT-ZC00562	/
EMI Test Receiver	R&S	ESCI/E3	DDT-ZC01297	2025/07/08
Pulse Limiter	SCHWARZBEC K	VTSD 9561	DDT-ZC02128	2025/07/08
Three-phase artificial power network	SCHWARZBEC K	NSLK 8163	DDT-ZC01572	2025/07/08
Two Line V-Network	R&S	ENV216	DDT-ZC02059	2025/07/08
RF Cable	Yuhu Technology	Z806-NJ-NJ-6M	DDT-ZC02004	2025/07/08
Δ -shaped artificial power network	SCHWARZBEC K	PVDC 8301	DDT-ZC03939	2025/03/31
Two Line V-Network	R&S	ENV216	DDT-ZC02056	2025/07/08

14.2. Block diagram of test setup



14.3. Limits

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

14.4. Assistant equipment used for test

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

14.5. 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.

14.6. Test result

PASS. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: "----" means Peak detection; "----" means Average detection.

Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

14.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 6# Shield Room

Test Date

: 2025-03-12

EUT

: Dual-band WIFI6 AX1500 Router

Power Supply

: AC 120V/60Hz

Condition

: Temp:23.5°C,Humi:59.1%

Memo

: (Adapter: TEKA-AB1B120100US)

D:\2025 Report Date\Q25030309-2E\0312 CE.EM6

Tested By

: Zhong Nan

Model Number

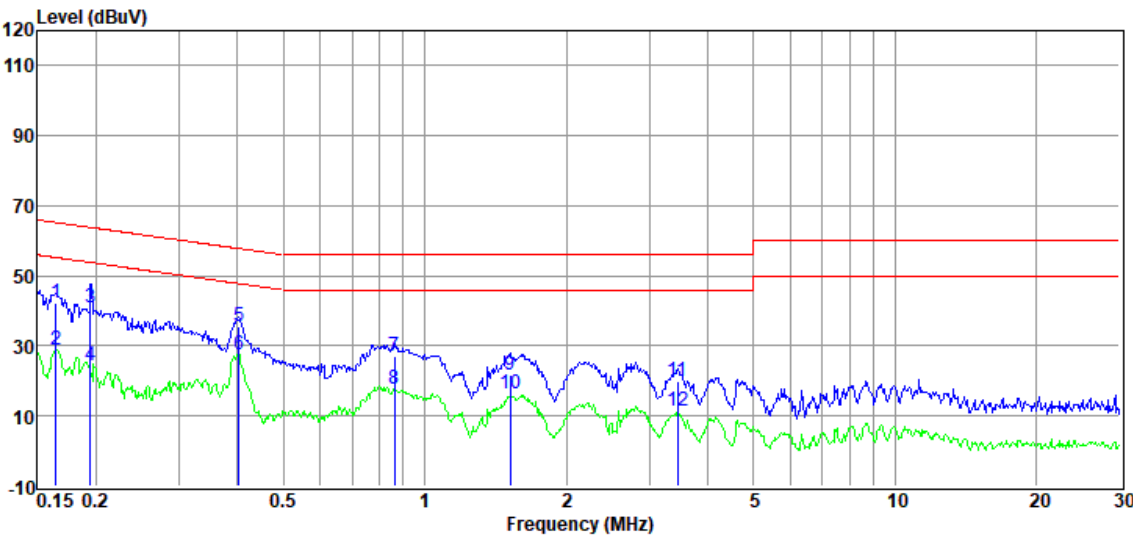
: Flow AX1501

Test Mode

: 5G mode

LISN

: 2024 ENV216 3#/NEUTRAL



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.16	22.62	9.77	0.07	9.83	42.29	65.25	-22.96	QP	NEUTRAL
2	0.16	9.31	9.77	0.07	9.83	28.98	55.25	-26.27	Average	NEUTRAL
3	0.19	21.49	9.76	0.06	9.83	41.14	63.84	-22.70	QP	NEUTRAL
4	0.19	4.63	9.76	0.06	9.83	24.28	53.84	-29.56	Average	NEUTRAL
5	0.40	15.79	9.77	0.09	9.83	35.48	57.81	-22.33	QP	NEUTRAL
6	0.40	7.92	9.77	0.09	9.83	27.61	47.81	-20.20	Average	NEUTRAL
7	0.86	7.23	9.75	0.07	9.84	26.89	56.00	-29.11	QP	NEUTRAL
8	0.86	-1.94	9.75	0.07	9.84	17.72	46.00	-28.28	Average	NEUTRAL
9	1.52	1.89	9.77	0.11	9.84	21.61	56.00	-34.39	QP	NEUTRAL
10	1.52	-3.17	9.77	0.11	9.84	16.55	46.00	-29.45	Average	NEUTRAL
11	3.45	0.22	9.78	0.10	9.85	19.95	56.00	-36.05	QP	NEUTRAL
12	3.45	-8.43	9.78	0.10	9.85	11.30	46.00	-34.70	Average	NEUTRAL

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room

D:\2025 Report Date\Q25030309-2E\0312 CE.EM6

Test Date : 2025-03-12

Tested By : Zhong Nan

EUT : Dual-band WIFI6 AX1500 Router

Model Number : Flow AX1501

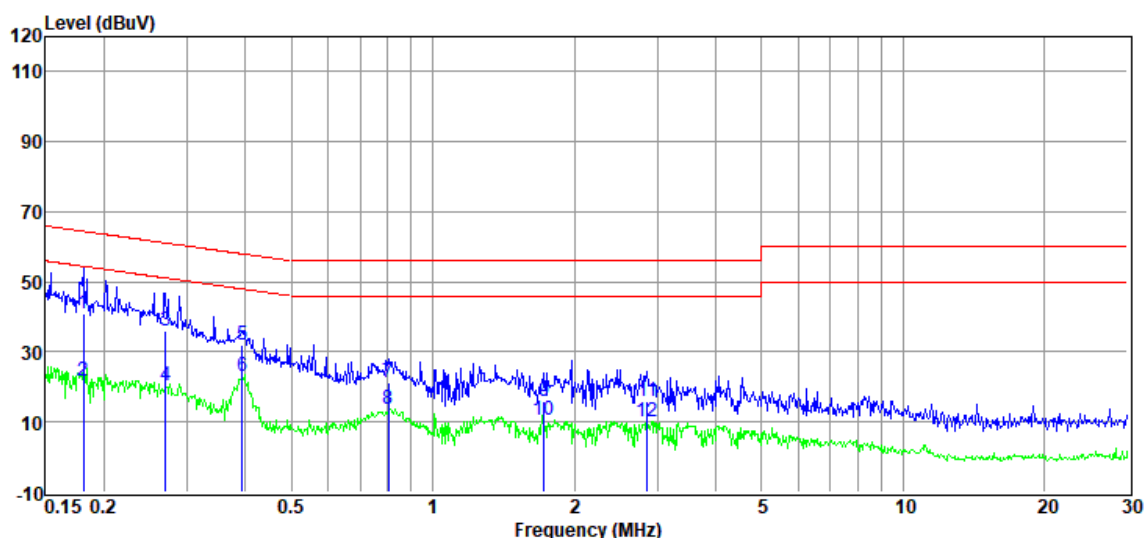
Power Supply : AC 120V/60Hz

Test Mode : 5G mode

Condition : Temp:23.5°C,Humi:59.1%

LISN : 2024 ENV216 3#/LINE

Memo : (Adapter: TEKA-AB1B120100US)



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.18	21.45	9.78	0.06	9.83	41.12	64.46	-23.34	QP	LINE
2	0.18	2.00	9.78	0.06	9.83	21.67	54.46	-32.79	Average	LINE
3	0.27	16.56	9.76	0.06	9.83	36.21	61.12	-24.91	QP	LINE
4	0.27	0.71	9.76	0.06	9.83	20.36	51.12	-30.76	Average	LINE
5	0.39	12.17	9.77	0.09	9.83	31.86	57.99	-26.13	QP	LINE
6	0.39	3.33	9.77	0.09	9.83	23.02	47.99	-24.97	Average	LINE
7	0.80	1.49	9.75	0.05	9.84	21.13	56.00	-34.87	QP	LINE
8	0.80	-5.90	9.75	0.05	9.84	13.74	46.00	-32.26	Average	LINE
9	1.73	-3.87	9.75	0.11	9.84	15.83	56.00	-40.17	QP	LINE
10	1.73	-9.03	9.75	0.11	9.84	10.67	46.00	-35.33	Average	LINE
11	2.85	-3.82	9.76	0.11	9.84	15.89	56.00	-40.11	QP	LINE
12	2.85	-9.40	9.76	0.11	9.84	10.31	46.00	-35.69	Average	LINE

Note: 1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.

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

3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).

4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room

D:\2025 Report Date\Q25030309-2E\0312 CE.EM6

Test Date : 2025-03-12

Tested By : Zhong Nan

EUT : Dual-band WIFI6 AX1500 Router

Model Number : Flow AX1501

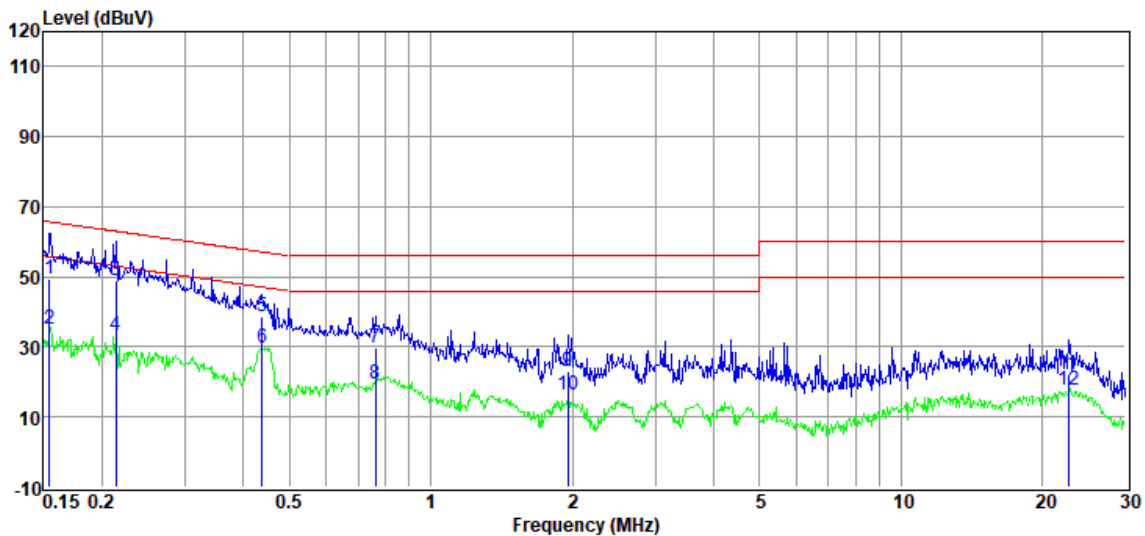
Power Supply : AC 120V/60Hz

Test Mode : 5G mode

Condition : Temp:23.5°C,Humi:59.1%

LISN : 2024 ENV216 3#/LINE

Memo : (Adapter: MN012S-L120100-10)



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	29.64	9.78	0.07	9.83	49.32	65.74	-16.42	QP	LINE
2	0.15	15.30	9.78	0.07	9.83	34.98	55.74	-20.76	Average	LINE
3	0.21	29.36	9.77	0.06	9.83	49.02	63.05	-14.03	QP	LINE
4	0.21	13.68	9.77	0.06	9.83	33.34	53.05	-19.71	Average	LINE
5	0.44	19.15	9.76	0.10	9.83	38.84	57.11	-18.27	QP	LINE
6	0.44	10.01	9.76	0.10	9.83	29.70	47.11	-17.41	Average	LINE
7	0.76	9.95	9.75	0.06	9.84	29.60	56.00	-26.40	QP	LINE
8	0.76	0.00	9.75	0.06	9.84	19.65	46.00	-26.35	Average	LINE
9	1.96	3.51	9.75	0.11	9.84	23.21	56.00	-32.79	QP	LINE
10	1.96	-3.27	9.75	0.11	9.84	16.43	46.00	-29.57	Average	LINE
11	22.66	1.99	10.04	0.28	9.95	22.26	60.00	-37.74	QP	LINE
12	22.66	-2.61	10.04	0.28	9.95	17.66	50.00	-32.34	Average	LINE

Note: 1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.

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

3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).

4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room

D:\2025 Report Date\Q25030309-2E\0312 CE.EM6

Test Date : 2025-03-12

Tested By : Zhong Nan

EUT : Dual-band WIFI6 AX1500 Router

Model Number : Flow AX1501

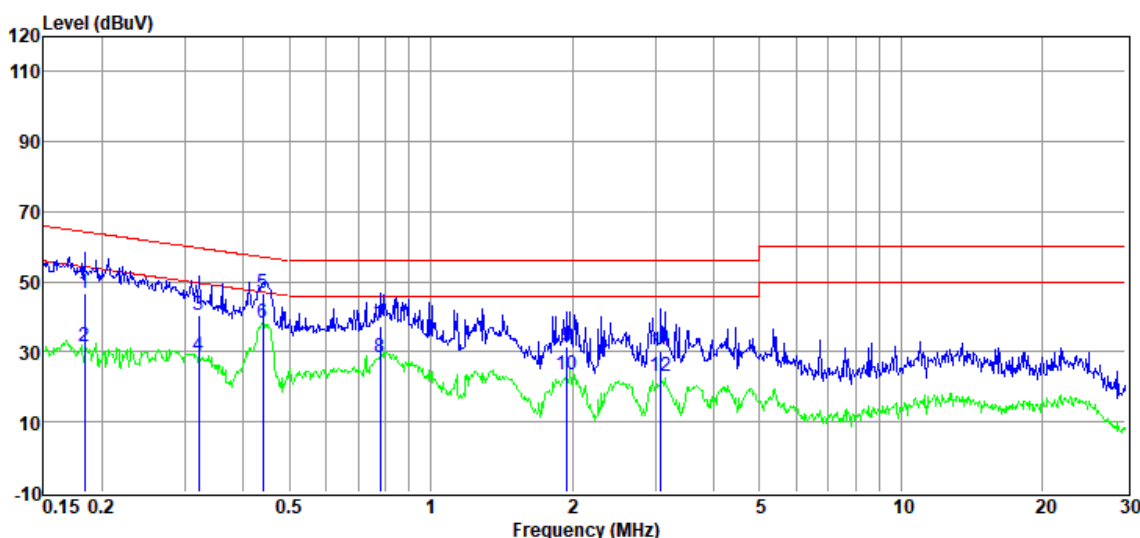
Power Supply : AC 120V/60Hz

Test Mode : 5G mode

Condition : Temp:23.5°C,Humi:59.1%

LISN : 2024 ENV216 3#/NEUTRAL

Memo : (Adapter: MN012S-L120100-10)



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.18	26.98	9.77	0.06	9.83	46.64	64.33	-17.69	QP	NEUTRAL
2	0.18	12.00	9.77	0.06	9.83	31.66	54.33	-22.67	Average	NEUTRAL
3	0.32	20.64	9.76	0.07	9.83	40.30	59.66	-19.36	QP	NEUTRAL
4	0.32	9.32	9.76	0.07	9.83	28.98	49.66	-20.68	Average	NEUTRAL
5	0.44	27.06	9.77	0.10	9.83	46.76	57.07	-10.31	QP	NEUTRAL
6	0.44	18.39	9.77	0.10	9.83	38.09	47.07	-8.98	Average	NEUTRAL
7	0.78	17.78	9.75	0.05	9.84	37.42	56.00	-18.58	QP	NEUTRAL
8	0.78	8.99	9.75	0.05	9.84	28.63	46.00	-17.37	Average	NEUTRAL
9	1.95	11.81	9.77	0.11	9.84	31.53	56.00	-24.47	QP	NEUTRAL
10	1.95	3.79	9.77	0.11	9.84	23.51	46.00	-22.49	Average	NEUTRAL
11	3.09	10.52	9.78	0.11	9.84	30.25	56.00	-25.75	QP	NEUTRAL
12	3.09	3.17	9.78	0.11	9.84	22.90	46.00	-23.10	Average	NEUTRAL

Note: 1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.

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

3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).

4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 6# Shield Room

Test Date

: 2024-05-23

EUT

: Dual-band WiFi6 AX1500 Router

Power Supply

: AC 120V/60Hz

Condition

: Temp:21.5°C,Humi:51.8%

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Tested By

: Genliu

Model Number

: Flow AX1501

Test Mode

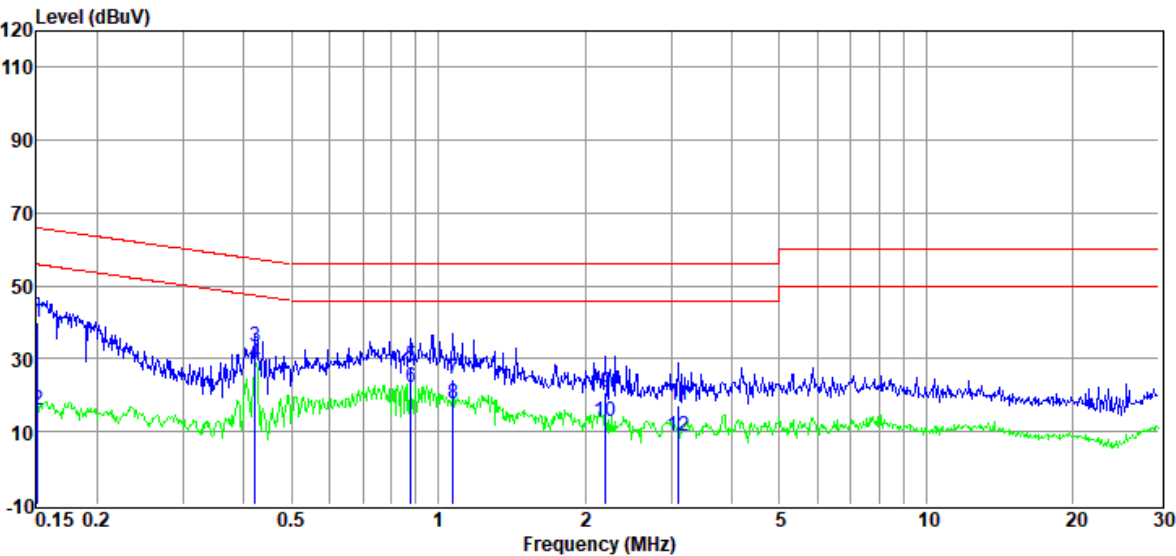
: 5GWIFI mode

LISN

: 2023 ENV 216 3#/LINE

Memo

: (Adapter: MN012E-L120100)



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	19.93	9.88	0.10	9.94	39.85	65.96	-26.11	QP	LINE
2	0.15	-4.10	9.88	0.10	9.94	15.82	55.96	-40.14	Average	LINE
3	0.42	13.43	9.91	0.13	9.95	33.42	57.42	-24.00	QP	LINE
4	0.42	9.00	9.91	0.13	9.95	28.99	47.42	-18.43	Average	LINE
5	0.88	7.94	9.75	0.21	9.97	27.87	56.00	-28.13	QP	LINE
6	0.88	2.25	9.75	0.21	9.97	22.18	46.00	-23.82	Average	LINE
7	1.07	4.48	9.60	0.25	9.97	24.30	56.00	-31.70	QP	LINE
8	1.07	-2.33	9.60	0.25	9.97	17.49	46.00	-28.51	Average	LINE
9	2.20	0.77	9.80	0.26	9.99	20.82	56.00	-35.18	QP	LINE
10	2.20	-7.13	9.80	0.26	9.99	12.92	46.00	-33.08	Average	LINE
11	3.11	-2.48	9.61	0.26	10.00	17.39	56.00	-38.61	QP	LINE
12	3.11	-10.94	9.61	0.26	10.00	8.93	46.00	-37.07	Average	LINE

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 6# Shield Room

Test Date

: 2024-05-23

EUT

: Dual-band WiFi6 AX1500 Router

Power Supply

: AC 120V/60Hz

Condition

: Temp:21.5°C,Humi:51.8%

Memo

: (Adapter: MN012E-L120100)

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Tested By

: Genliu

Model Number

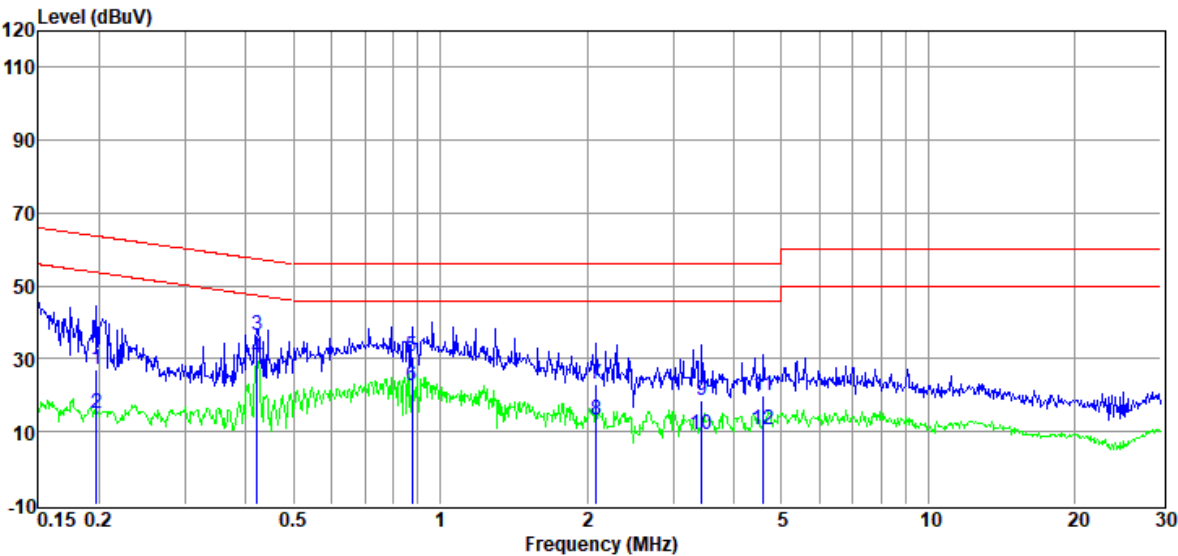
: Flow AX1501

Test Mode

: 5GWIFI mode

LISN

: 2023 ENV 216 3#/NEUTRAL



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.20	6.96	9.95	0.11	9.94	26.96	63.71	-36.75	QP	NEUTRAL
2	0.20	-4.92	9.95	0.11	9.94	15.08	53.71	-38.63	Average	NEUTRAL
3	0.42	16.28	9.94	0.13	9.95	36.30	57.42	-21.12	QP	NEUTRAL
4	0.42	10.12	9.94	0.13	9.95	30.14	47.42	-17.28	Average	NEUTRAL
5	0.88	10.40	10.03	0.21	9.97	30.61	56.00	-25.39	QP	NEUTRAL
6	0.88	2.37	10.03	0.21	9.97	22.58	46.00	-23.42	Average	NEUTRAL
7	2.09	2.92	9.92	0.26	9.99	23.09	56.00	-32.91	QP	NEUTRAL
8	2.09	-7.07	9.92	0.26	9.99	13.10	46.00	-32.90	Average	NEUTRAL
9	3.44	-1.07	9.58	0.27	10.01	18.79	56.00	-37.21	QP	NEUTRAL
10	3.44	-10.67	9.58	0.27	10.01	9.19	46.00	-36.81	Average	NEUTRAL
11	4.60	0.03	9.80	0.27	10.02	20.12	56.00	-35.88	QP	NEUTRAL
12	4.60	-9.36	9.80	0.27	10.02	10.73	46.00	-35.27	Average	NEUTRAL

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

16. Photos of the EUT

Please refer to DDT-Q25030309-2E appendix I

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