

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 5720MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

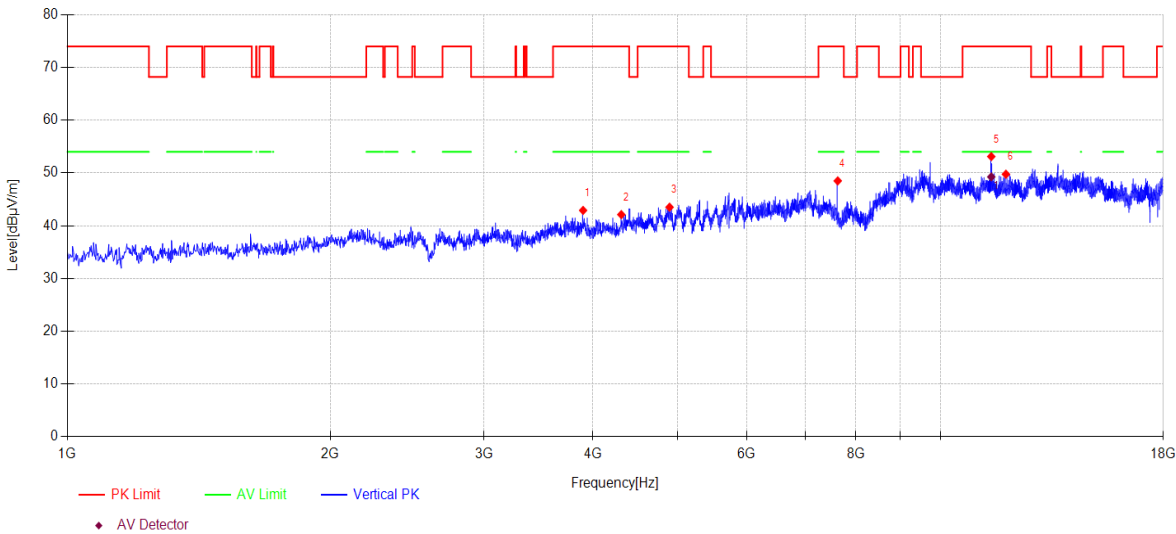
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d:\ts\2024 report data\Q24051516-2E\FCC ABOVE 1G KUAYUE\8

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	3896.800	46.84	31.18	5.28	-40.39	42.91	74.00	31.09	PK	Vertical
2	4309.900	45.17	31.60	5.68	-40.34	42.11	74.00	31.89	PK	Vertical
3	4894.700	44.18	33.08	6.37	-40.12	43.51	74.00	30.49	PK	Vertical
4	7626.600	46.59	36.55	7.63	-42.27	48.50	74.00	25.50	PK	Vertical
5	11434.600	44.45	39.27	8.68	-39.29	53.11	74.00	20.89	PK	Vertical
6	11885.100	41.42	38.90	8.95	-39.51	49.76	74.00	24.24	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	11434.600	40.6	39.27	8.68	-39.29	49.26	54.0	4.74	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:

AX20 TX 5745MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

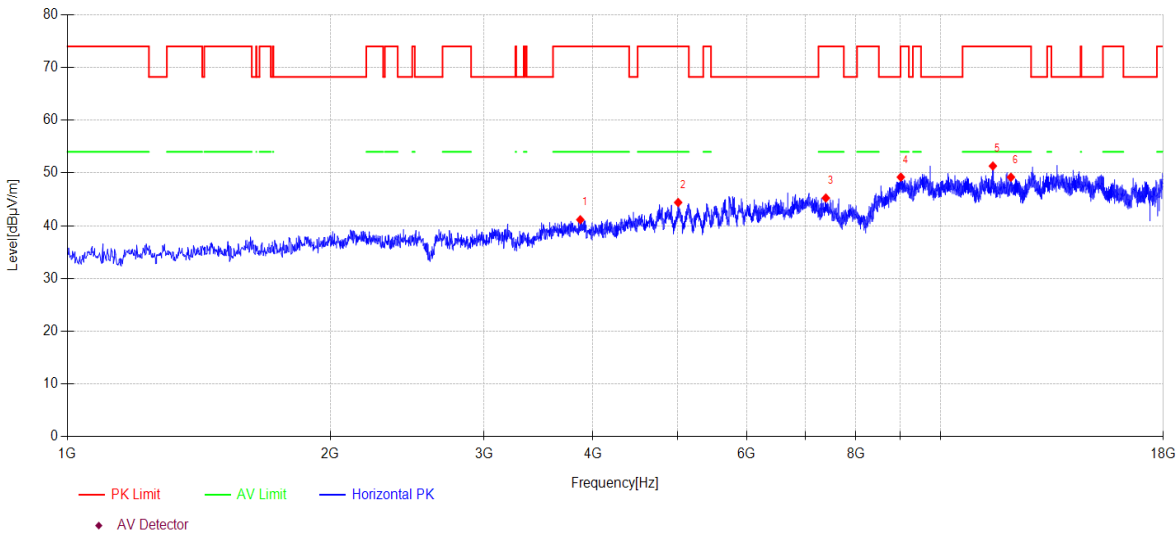
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Memo:

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	3867.900	45.23	31.01	5.27	-40.37	41.14	74.00	32.86	PK	Horizontal
2	5006.900	44.78	33.21	6.50	-40.08	44.41	74.00	29.59	PK	Horizontal
3	7392.000	42.73	36.72	7.48	-41.68	45.25	74.00	28.75	PK	Horizontal
4	9007.000	41.56	38.31	8.13	-38.79	49.21	74.00	24.79	PK	Horizontal
5	11482.200	42.71	39.22	8.71	-39.32	51.32	74.00	22.68	PK	Horizontal
6	12043.200	40.50	39.24	9.04	-39.58	49.20	74.00	24.80	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:

AX20 TX 5745MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

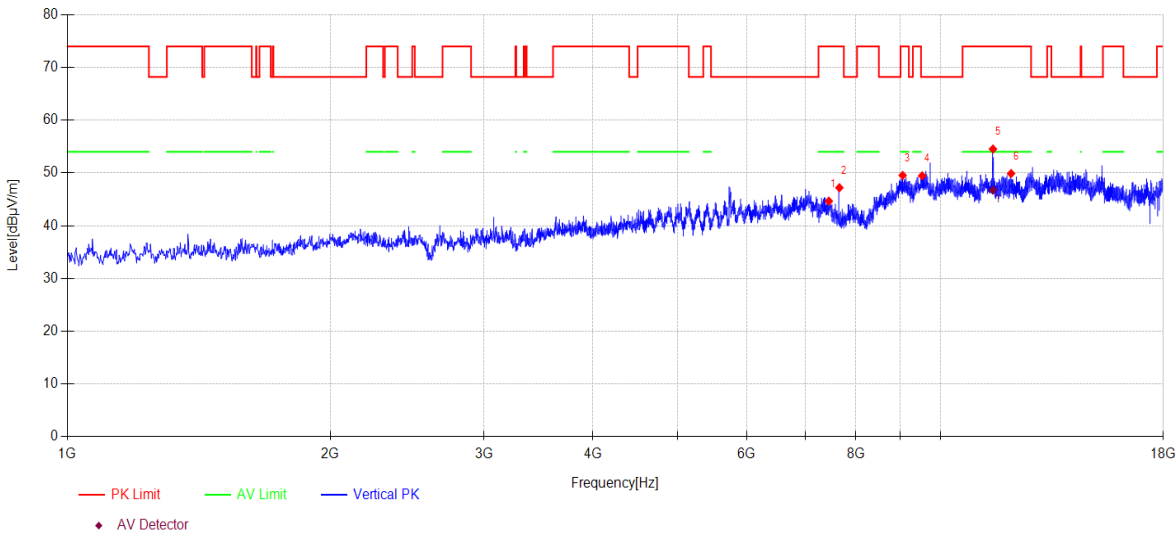
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Memo:

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	7449.800	42.36	36.60	7.52	-41.82	44.66	74.00	29.34	PK	Vertical
2	7660.600	45.28	36.62	7.65	-42.35	47.20	74.00	26.80	PK	Vertical
3	9051.200	41.80	38.40	8.13	-38.79	49.54	74.00	24.46	PK	Vertical
4	9528.900	41.47	38.64	8.11	-38.75	49.47	68.20	18.73	PK	Vertical
5	11485.600	45.94	39.21	8.71	-39.32	54.54	74.00	19.46	PK	Vertical
6	12046.600	41.18	39.25	9.04	-39.58	49.89	74.00	24.11	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	11484.720	38.14	39.21	8.71	-39.32	46.74	54.0	7.26	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:

AX20 TX 5785MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

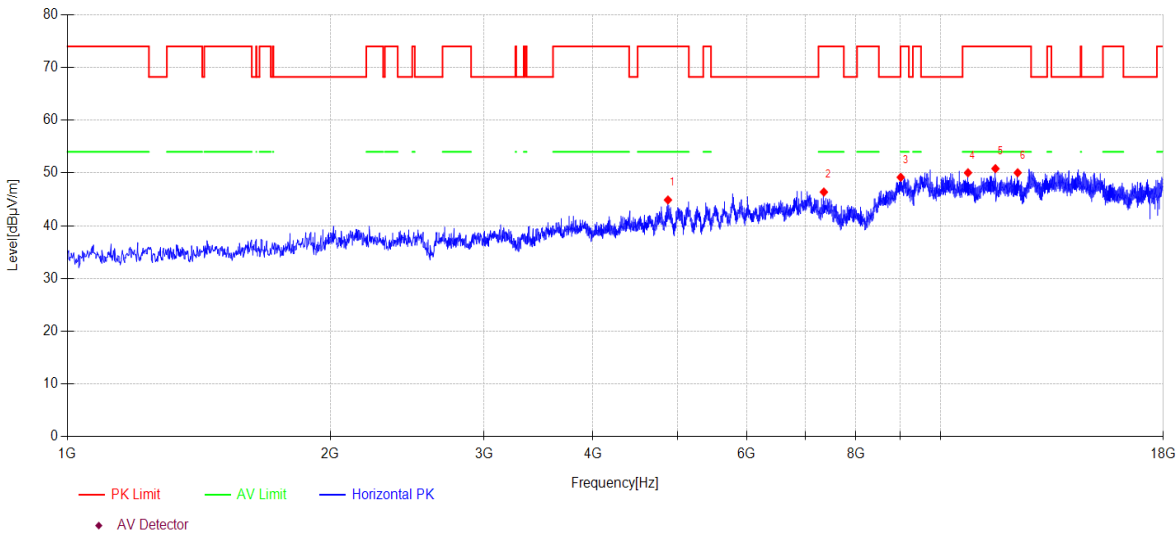
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Memo:

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	4874.300	45.25	33.41	6.35	-40.13	44.88	74.00	29.12	PK	Horizontal
2	7352.900	43.72	36.79	7.46	-41.58	46.39	74.00	27.61	PK	Horizontal
3	9005.300	41.53	38.31	8.13	-38.79	49.18	74.00	24.82	PK	Horizontal
4	10752.900	41.30	39.40	8.34	-39.00	50.04	74.00	23.96	PK	Horizontal
5	11560.400	42.33	39.08	8.76	-39.35	50.82	74.00	23.18	PK	Horizontal
6	12259.100	41.26	39.30	9.14	-39.66	50.04	74.00	23.96	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:

AX20 TX 5785MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

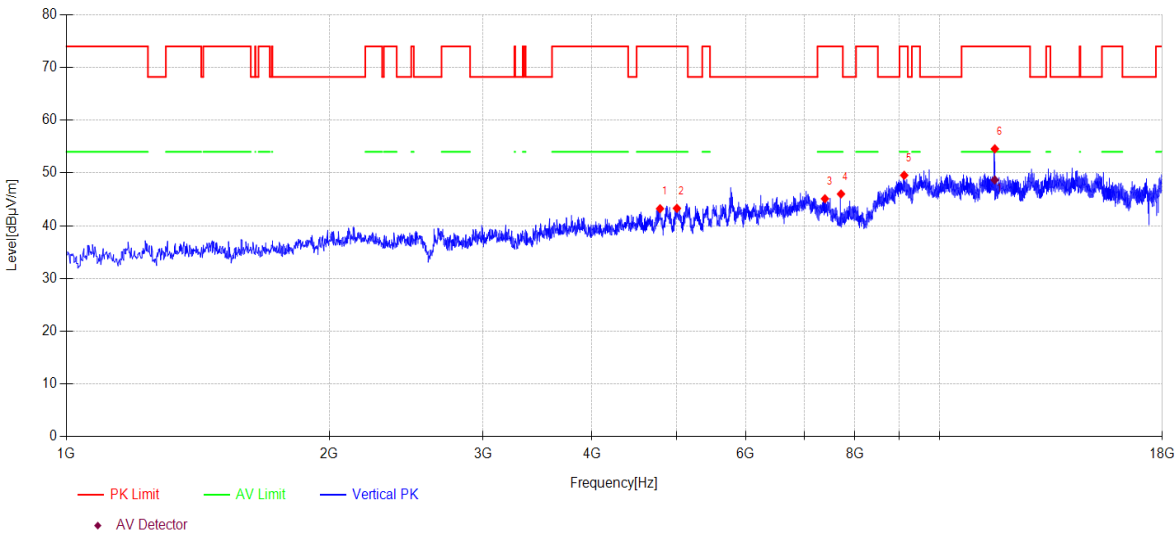
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Memo:

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	4785.900	44.70	32.44	6.25	-40.16	43.23	74.00	30.77	PK	Vertical
2	5003.500	43.67	33.21	6.50	-40.08	43.30	74.00	30.70	PK	Vertical
3	7393.700	42.60	36.71	7.48	-41.68	45.11	74.00	28.89	PK	Vertical
4	7713.300	44.08	36.73	7.69	-42.48	46.02	74.00	27.98	PK	Vertical
5	9112.400	41.71	38.50	8.13	-38.78	49.56	74.00	24.44	PK	Vertical
6	11572.300	46.11	39.06	8.76	-39.36	54.57	74.00	19.43	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	11569.845	40.22	39.06	8.76	-39.36	48.68	54.0	5.32	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:

AX20 TX 5825MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

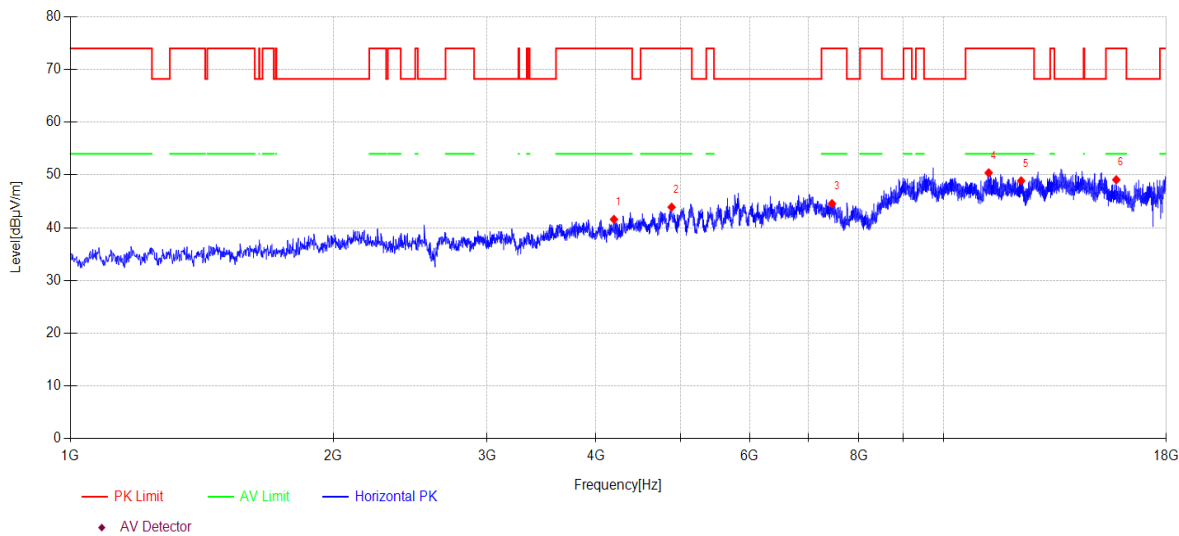
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Memo:

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	4194.300	45.22	31.20	5.54	-40.38	41.58	74.00	32.42	PK	Horizontal
2	4882.800	44.38	33.28	6.36	-40.12	43.90	74.00	30.10	PK	Horizontal
3	7453.200	42.29	36.59	7.52	-41.83	44.57	74.00	29.43	PK	Horizontal
4	11266.300	41.84	39.20	8.58	-39.22	50.40	74.00	23.60	PK	Horizontal
5	12274.400	40.11	39.30	9.15	-39.67	48.89	74.00	25.11	PK	Horizontal
6	15773.000	39.82	38.35	10.14	-39.22	49.09	74.00	24.91	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:

AX20 TX 5825MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

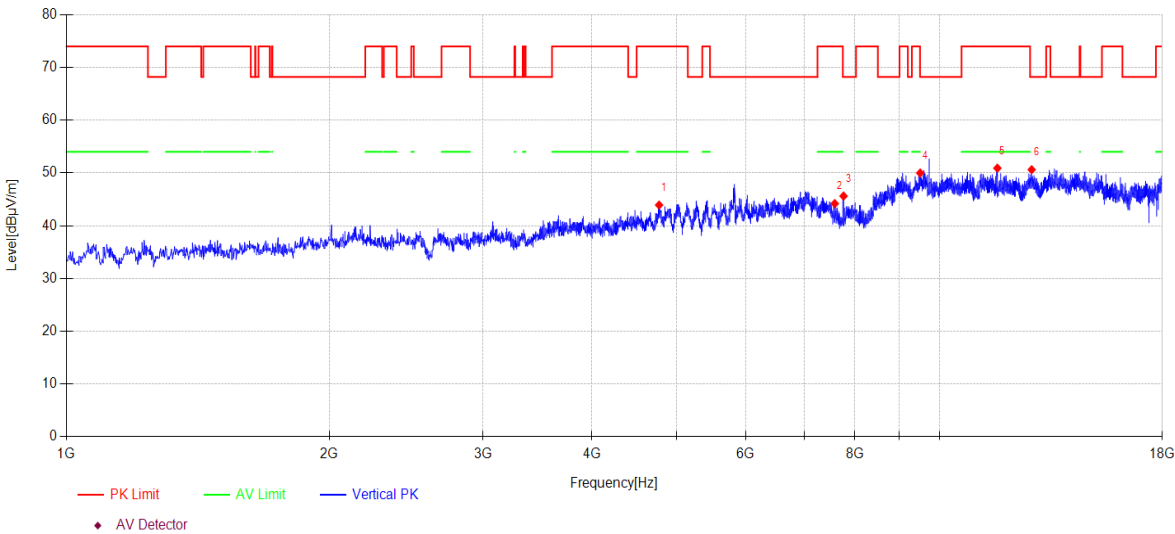
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Memo:

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	4774.000	45.45	32.40	6.23	-40.16	43.92	74.00	30.08	PK	Vertical
2	7587.500	42.28	36.48	7.61	-42.17	44.20	74.00	29.80	PK	Vertical
3	7766.000	43.72	36.80	7.72	-42.62	45.62	68.20	22.58	PK	Vertical
4	9505.100	41.95	38.69	8.11	-38.75	50.00	68.20	18.20	PK	Vertical
5	11648.800	42.49	39.00	8.81	-39.39	50.91	74.00	23.09	PK	Vertical
6	12753.800	41.39	39.71	9.37	-39.85	50.62	68.20	17.58	PK	Vertical

Note:

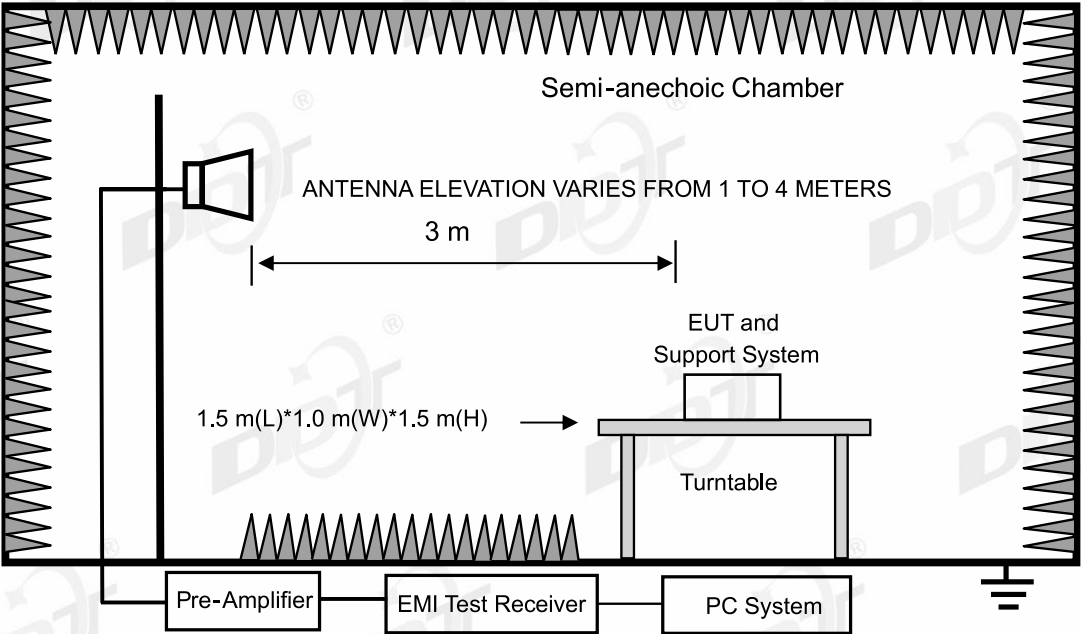
- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13.Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2025/07/08
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2025/03/31
ELECTRIC AND MAGNETIC FIELD ANALYZER	Narda	EHP-200A	DDT-ZC01401	2024/09/20
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2025/04/26
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2025/03/31
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2025/04/22
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2025/03/31
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2025/04/22
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2025/03/31
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2025/03/31
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2025/03/31
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2025/07/11
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2025/04/22
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2025/03/31
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2025/03/31
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2025/09/18

13.2. Block diagram of test setup



13.3. Limits

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating solely in the 5.725-5.850 GHz band:
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

13.4. Assistant equipment used for test

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

13.5. Test procedure

Same with Emissions in Restricted Frequency Bands except change investigated frequency range from 5.15-5.25 GHz, 5250-5350 GHz, 5470-5725 GHz, 5.725-5.85 GHz.

Remark: All restriction band have been tested, and only the worst case is shown in report.

13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

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:

11A TX 5180MHz ANT1

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

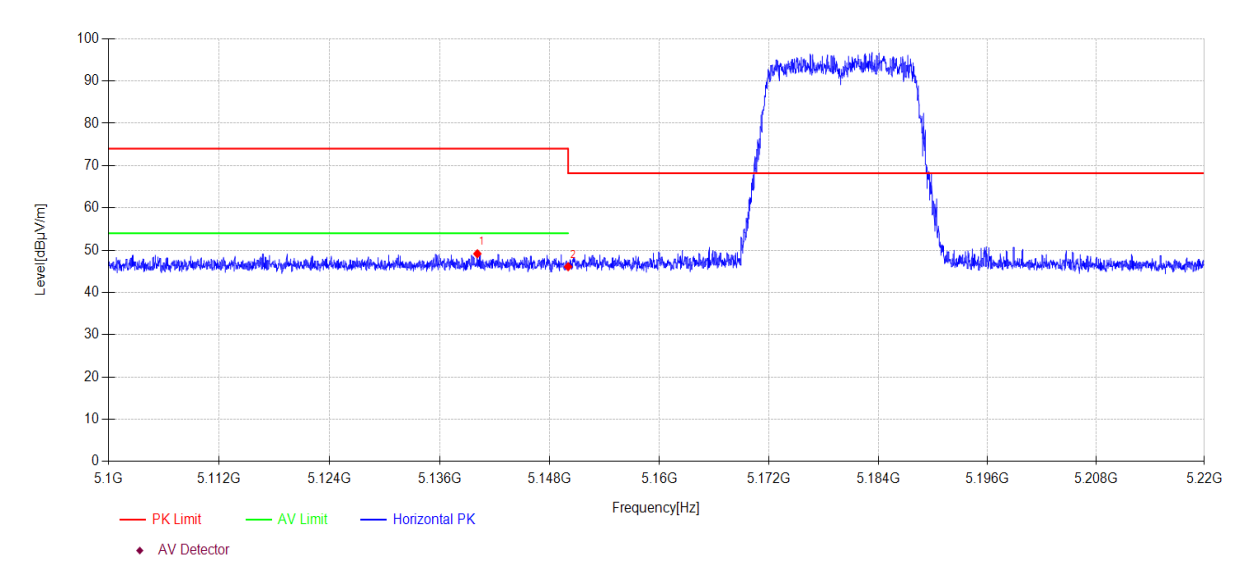
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Memo:

Sample Number:S24051516-001 Power Setting: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	5140.092	10.48	33.40	5.27	0.00	49.15	74.00	24.85	PK	Horizontal
2	5150.000	7.41	33.40	5.28	0.00	46.09	68.20	22.11	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5180MHz ANT1

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

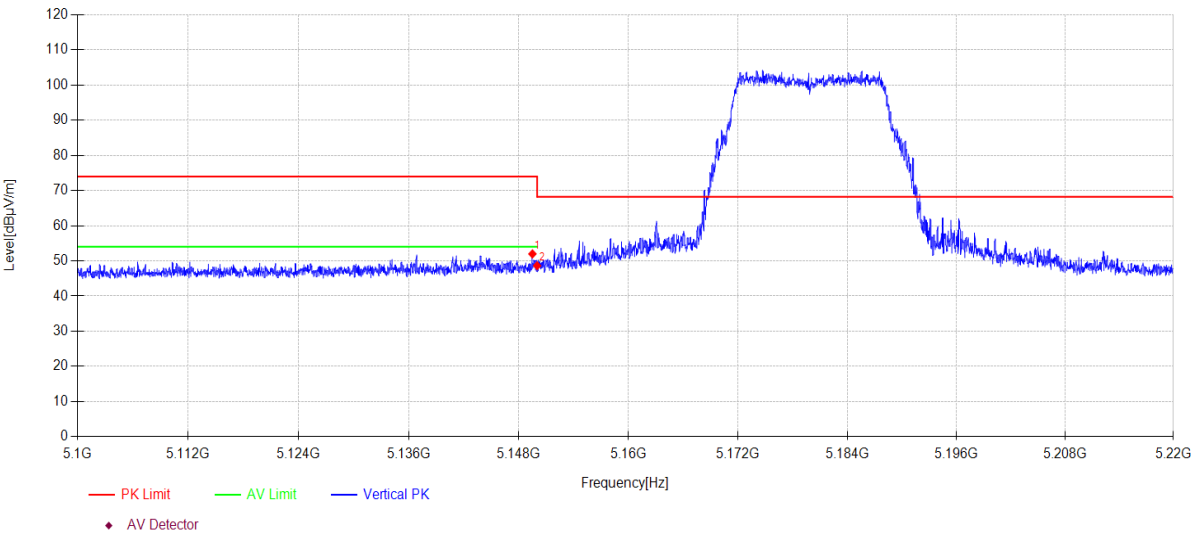
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Memo:

Sample Number:S24051516-001 Power Setting: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	5149.488	13.30	33.40	5.28	0.00	51.98	74.00	22.02	PK	Vertical
2	5150.000	9.95	33.40	5.28	0.00	48.63	68.20	19.57	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5320MHz ANT1

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

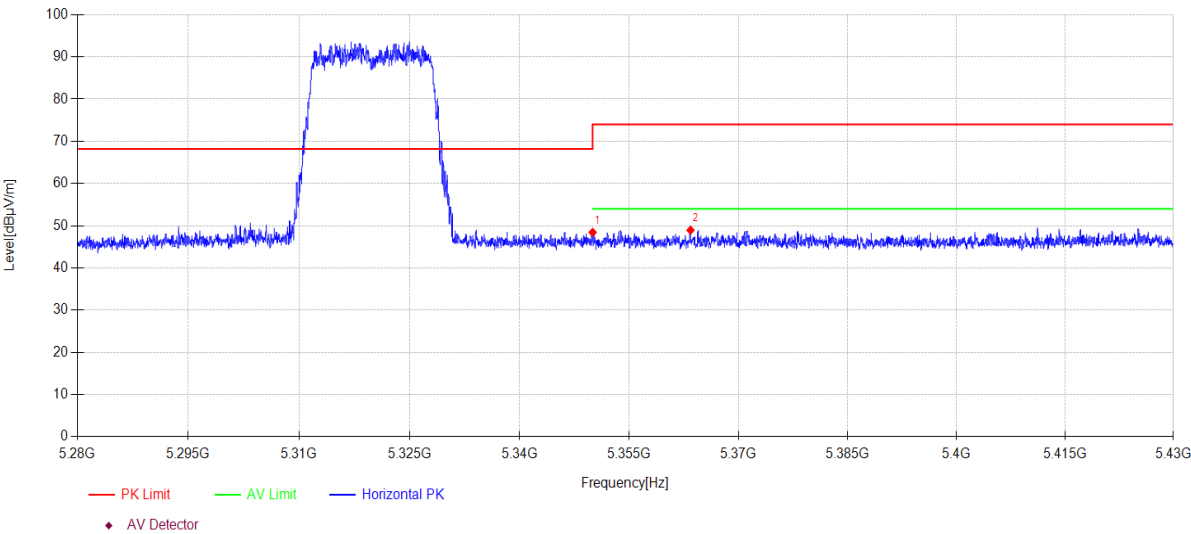
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Memo:

Sample Number:S24051516-001 Power Setting: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	9.93	33.10	5.41	0.00	48.44	74.00	25.56	PK	Horizontal
2	5363.400	10.42	33.10	5.42	0.00	48.94	74.00	25.06	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5320MHz ANT1

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

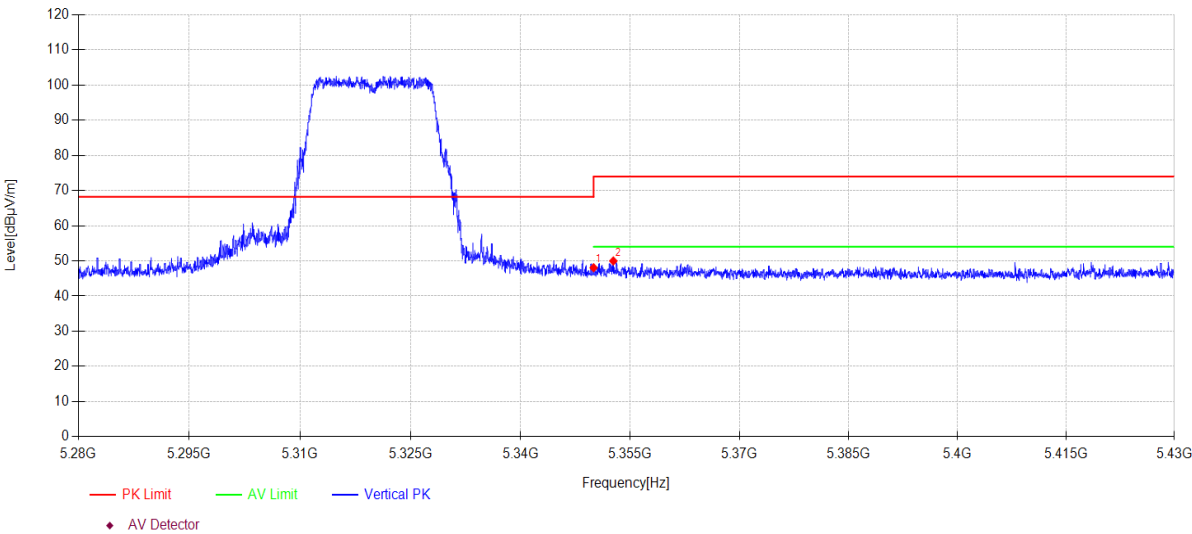
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Memo:

Sample Number:S24051516-001 Power Setting: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	9.56	33.10	5.41	0.00	48.07	74.00	25.93	PK	Vertical
2	5352.690	11.47	33.10	5.41	0.00	49.98	74.00	24.02	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:

11A TX 5500MHz ANT1

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

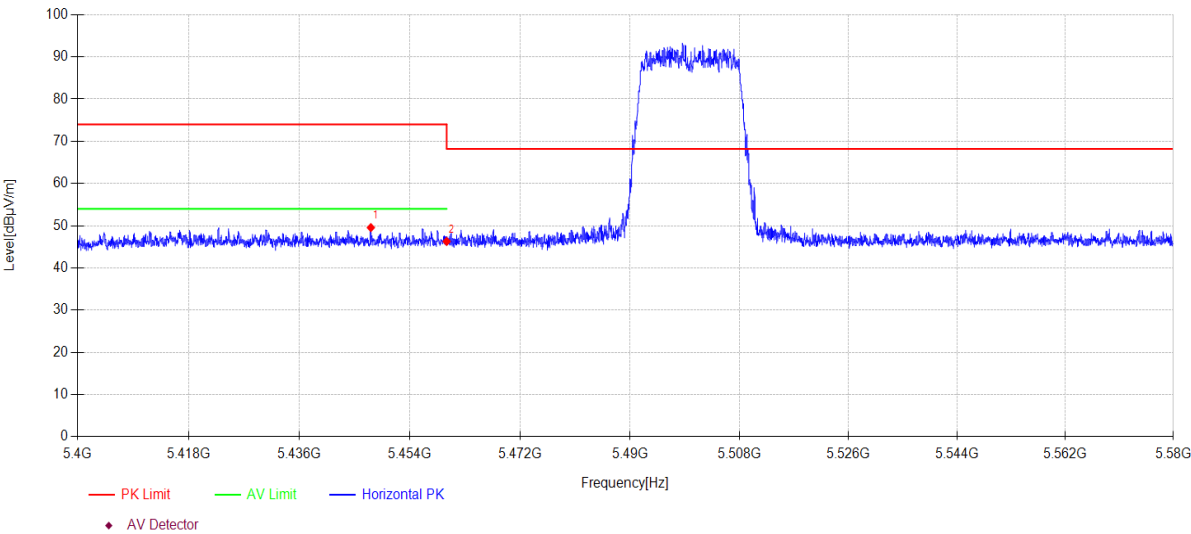
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d:\ts\2024 report data\Q24051516-2E\FCC ABOVE 1G 5G\111

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	5447.628	11.08	33.00	5.48	0.00	49.56	74.00	24.44	PK	Horizontal
2	5460.000	7.80	33.00	5.48	0.00	46.28	68.20	21.92	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:

11A TX 5500MHz ANT1

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

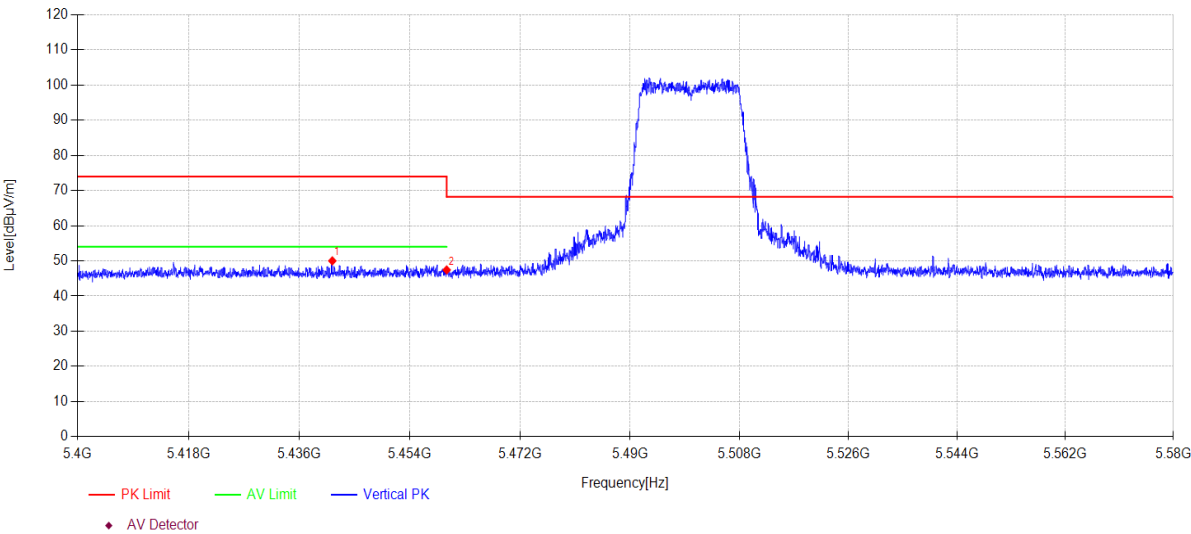
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Memo:

Sample Number:S24051516-001 Power Setting: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	5441.346	11.52	33.02	5.47	0.00	50.01	74.00	23.99	PK	Vertical
2	5460.000	8.96	33.00	5.48	0.00	47.44	68.20	20.76	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 5720MHz ANT1

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

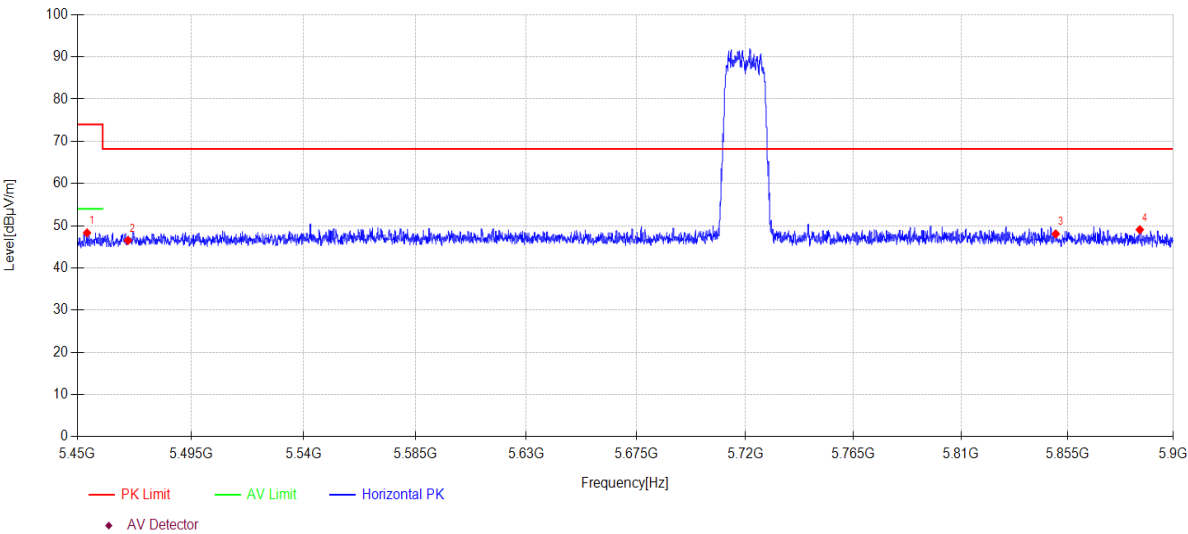
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Memo:

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	5453.825	9.84	33.00	5.48	0.00	48.32	74.00	25.68	PK	Horizontal
2	5470.000	8.02	33.00	5.49	0.00	46.51	68.20	21.69	PK	Horizontal
3	5850.000	8.33	34.00	5.74	0.00	48.07	68.20	20.13	PK	Horizontal
4	5885.690	9.23	34.07	5.76	0.00	49.06	68.20	19.14	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5720MHz ANT1

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

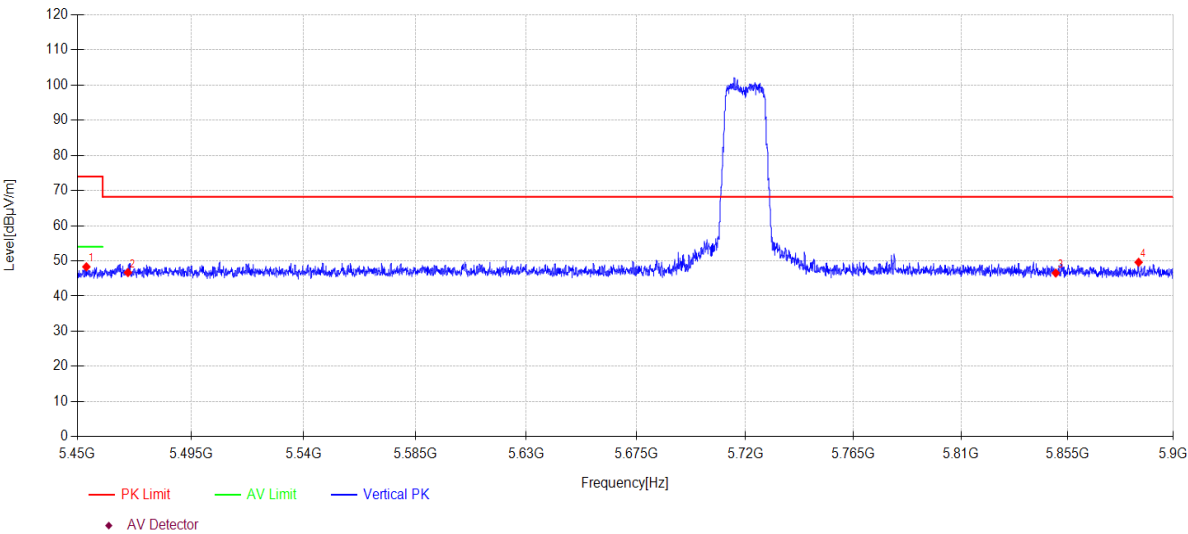
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Memo:

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	5453.555	9.84	33.00	5.48	0.00	48.32	74.00	25.68	PK	Vertical
2	5470.000	8.20	33.00	5.49	0.00	46.69	68.20	21.51	PK	Vertical
3	5850.000	6.81	34.00	5.74	0.00	46.55	68.20	21.65	PK	Vertical
4	5885.195	9.78	34.07	5.76	0.00	49.61	68.20	18.59	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5180MHz ANT2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

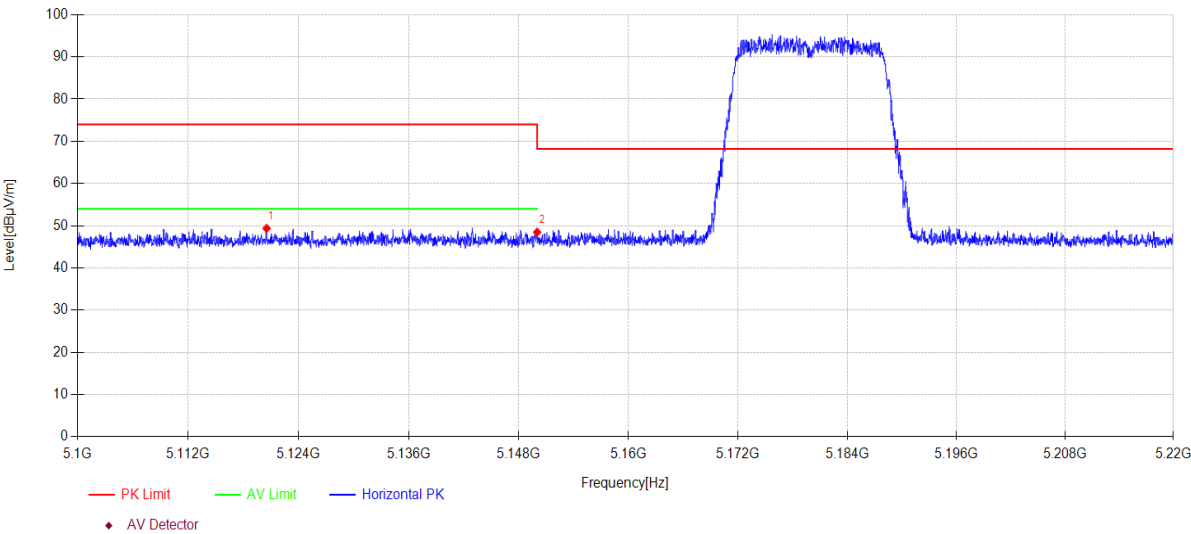
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Memo:

Sample Number:S24051516-001 Power Setting: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	5120.520	10.71	33.40	5.26	0.00	49.37	74.00	24.63	PK	Horizontal
2	5150.000	9.79	33.40	5.28	0.00	48.47	68.20	19.73	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:

11A TX 5180MHz ANT2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

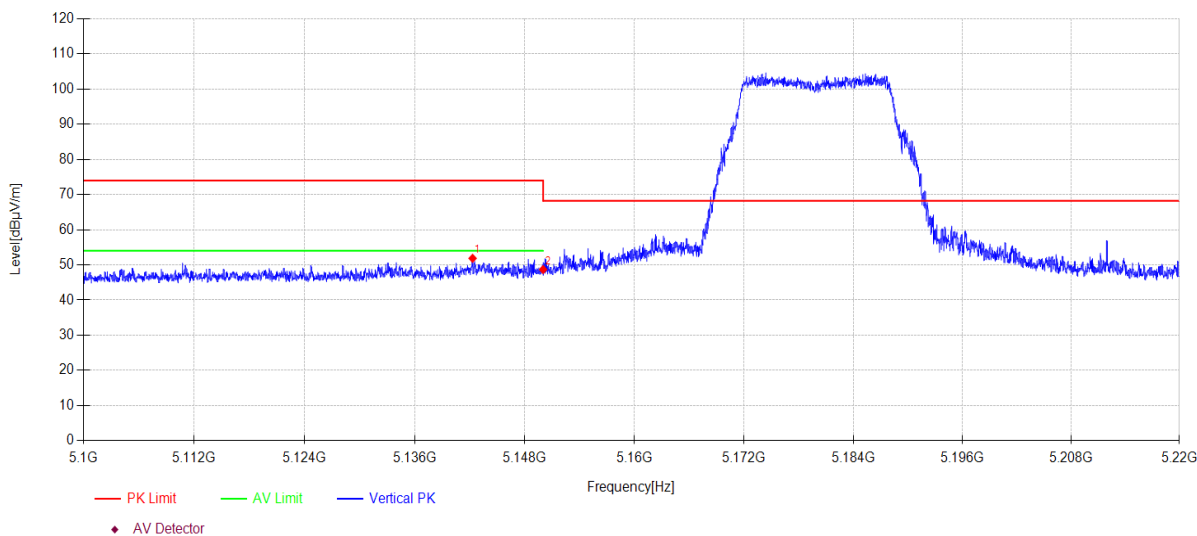
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Memo:

Sample Number:S24051516-001 Power Setting: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	5142.300	13.19	33.40	5.27	0.00	51.86	74.00	22.14	PK	Vertical
2	5150.000	10.01	33.40	5.28	0.00	48.69	68.20	19.51	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5320MHz ANT2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

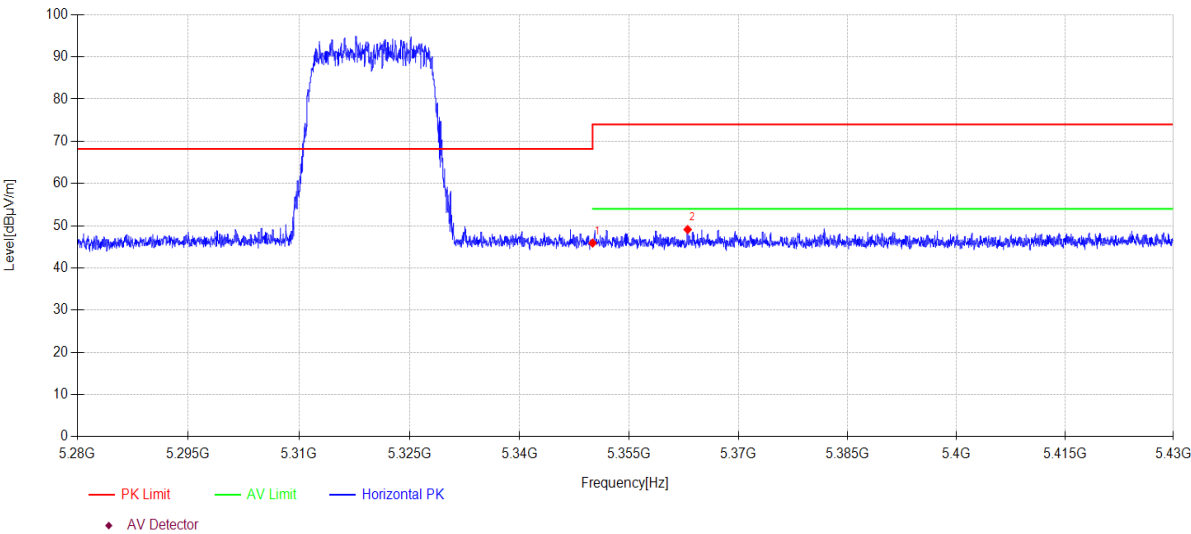
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Memo:

Sample Number:S24051516-001 Power Setting: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	7.39	33.10	5.41	0.00	45.90	74.00	28.10	PK	Horizontal
2	5363.010	10.58	33.10	5.42	0.00	49.10	74.00	24.90	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:

11A TX 5320MHz ANT2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

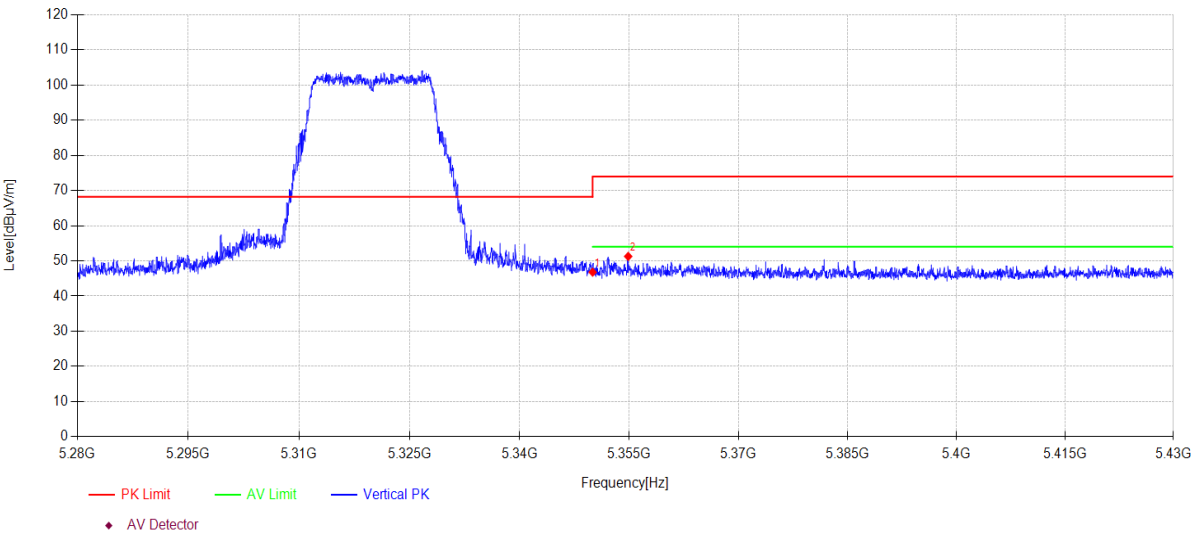
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Memo:

Sample Number:S24051516-001 Power Setting: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	8.29	33.10	5.41	0.00	46.80	74.00	27.20	PK	Vertical
2	5354.865	12.77	33.10	5.41	0.00	51.28	74.00	22.72	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5500MHz ANT2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

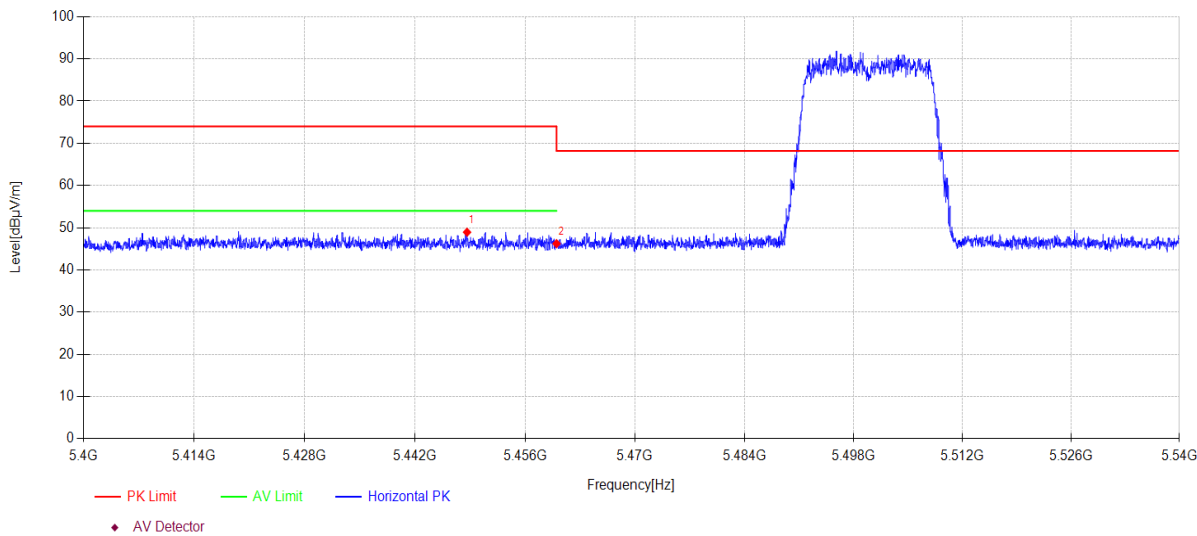
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Memo:

Sample Number:S24051516-001 Power Setting: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	5448.608	10.46	33.00	5.48	0.00	48.94	74.00	25.06	PK	Horizontal
2	5460.000	7.75	33.00	5.48	0.00	46.23	68.20	21.97	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:

11A TX 5500MHz ANT2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

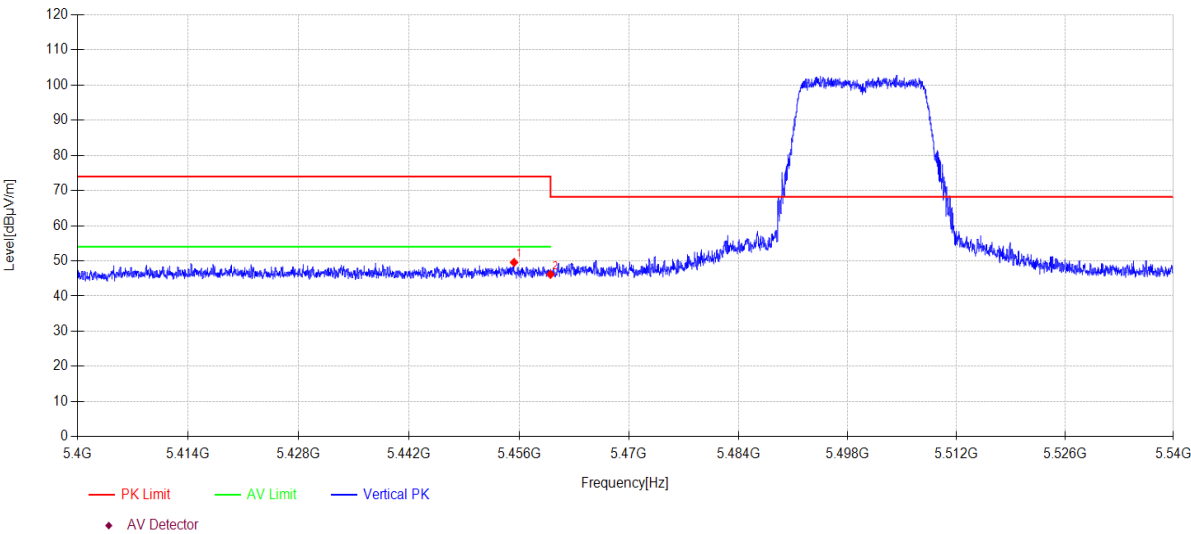
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Memo:

Sample Number:S24051516-001 Power Setting: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	5455.356	11.09	33.00	5.48	0.00	49.57	74.00	24.43	PK	Vertical
2	5460.000	7.69	33.00	5.48	0.00	46.17	68.20	22.03	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 5720MHz ANT2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

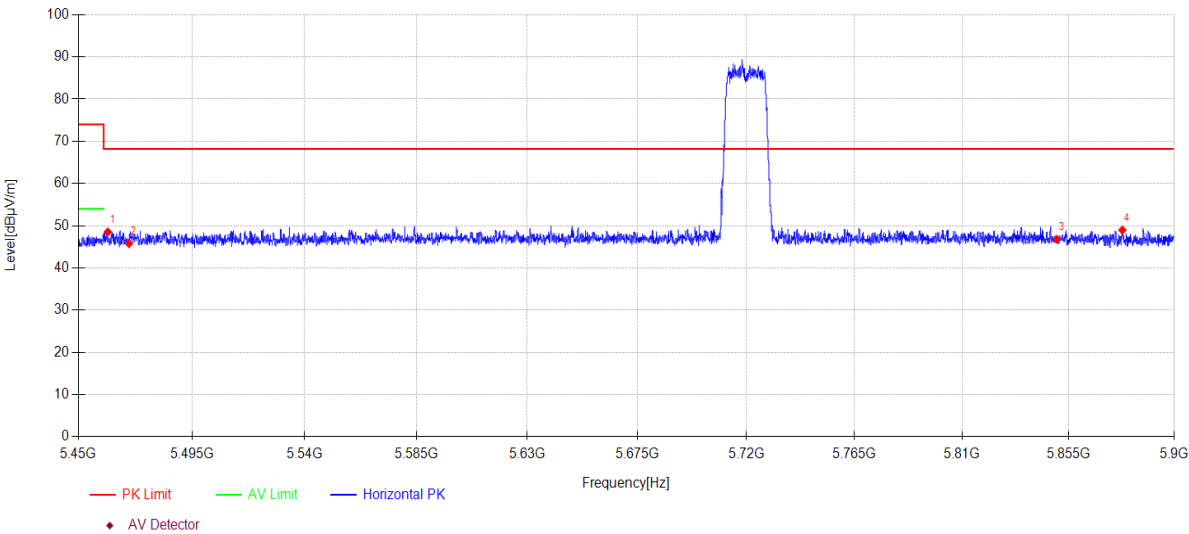
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Memo:

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	5461.610	10.04	33.00	5.48	0.00	48.52	68.20	19.68	PK	Horizontal
2	5470.000	7.29	33.00	5.49	0.00	45.78	68.20	22.42	PK	Horizontal
3	5850.000	7.04	34.00	5.74	0.00	46.78	68.20	21.42	PK	Horizontal
4	5877.860	9.15	34.06	5.76	0.00	48.97	68.20	19.23	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

11A TX 5720MHz ANT2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

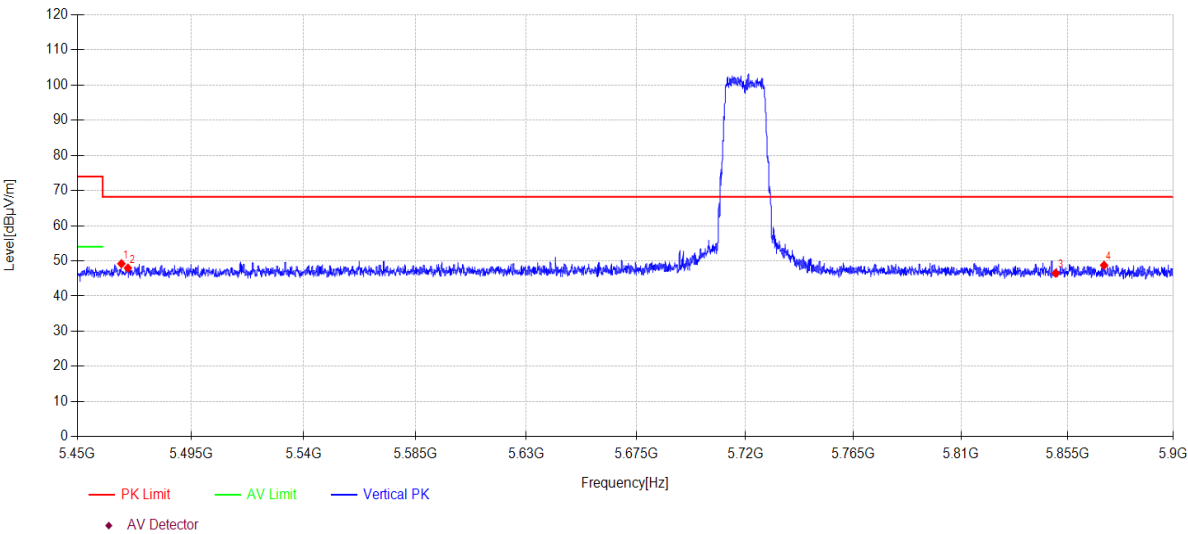
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Memo:

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	5467.415	10.71	33.00	5.49	0.00	49.20	68.20	19.00	PK	Vertical
2	5470.000	9.48	33.00	5.49	0.00	47.97	68.20	20.23	PK	Vertical
3	5850.000	6.76	34.00	5.74	0.00	46.50	68.20	21.70	PK	Vertical
4	5870.480	8.97	34.04	5.75	0.00	48.76	68.20	19.44	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

N20 TX 5180MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

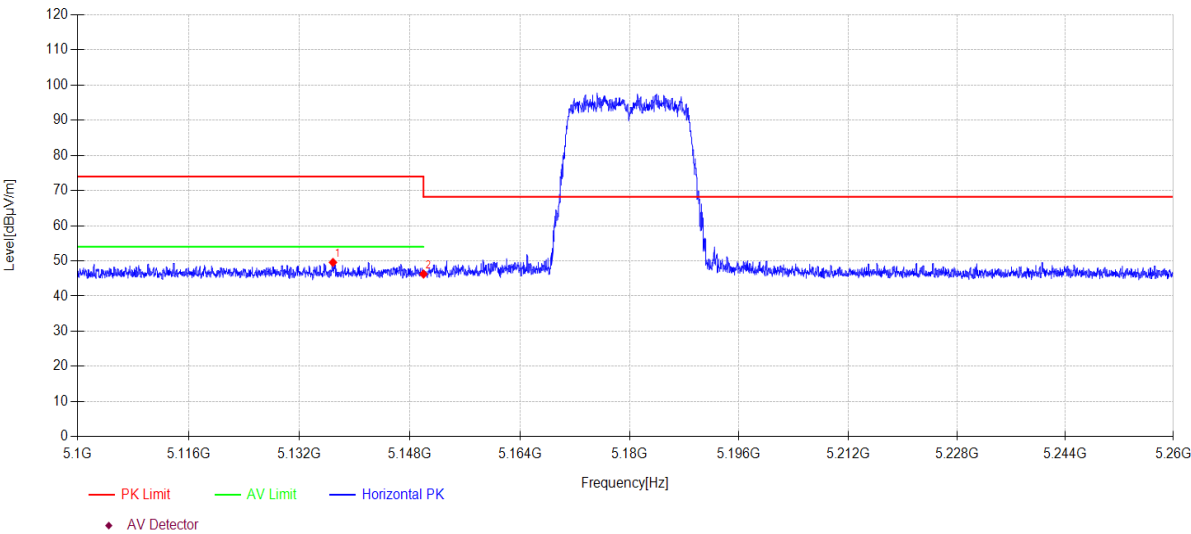
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Memo:

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	5136.880	10.90	33.40	5.27	0.00	49.57	74.00	24.43	PK	Horizontal
2	5150.000	7.59	33.40	5.28	0.00	46.27	68.20	21.93	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-06-27

Tested By:Genliu

EUT:Dual-band WiFi6 AX1500 Router

Model Number:Flow AX1501

Test Mode:N20 TX 5180MHz ANT1+2

Power Supply:AC 120V/60Hz

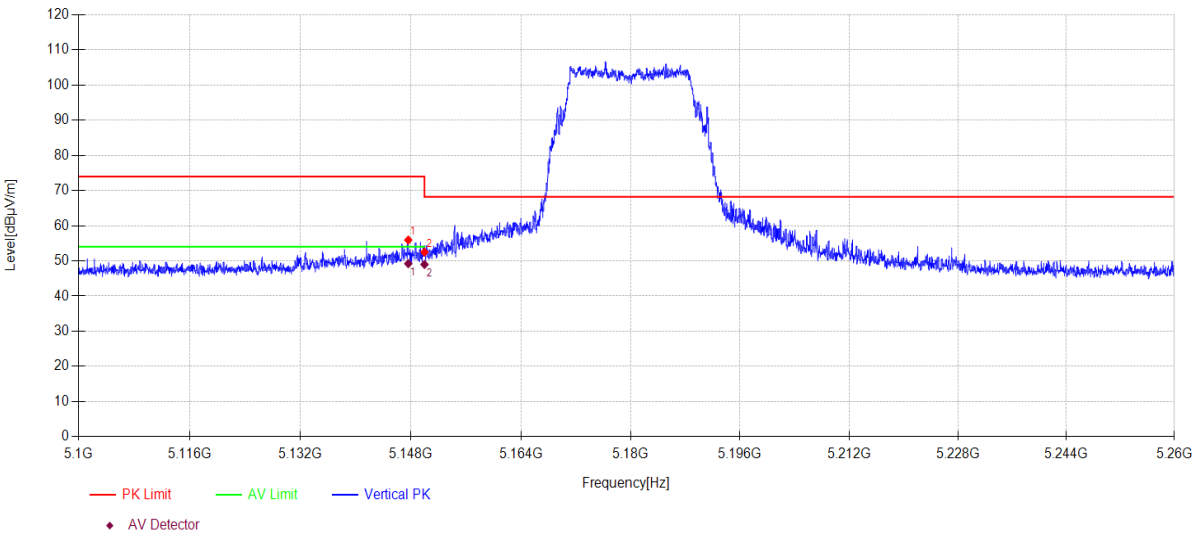
Condition:Temp:21.9°C;Humi:60.0%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24051516-2E\FCC ABOVE 1G 5G\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	5147.648	17.25	33.40	5.28	0.00	55.93	74.00	18.07	PK	Vertical
2	5150.000	13.81	33.40	5.28	0.00	52.49	68.20	15.71	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	5147.648	10.54	33.40	5.28	0.00	49.22	54.0	4.78	AV	Vertical
2	5150.000	10.31	33.40	5.28	0.00	48.99	54.0	5.01	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:

N20 TX 5320MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

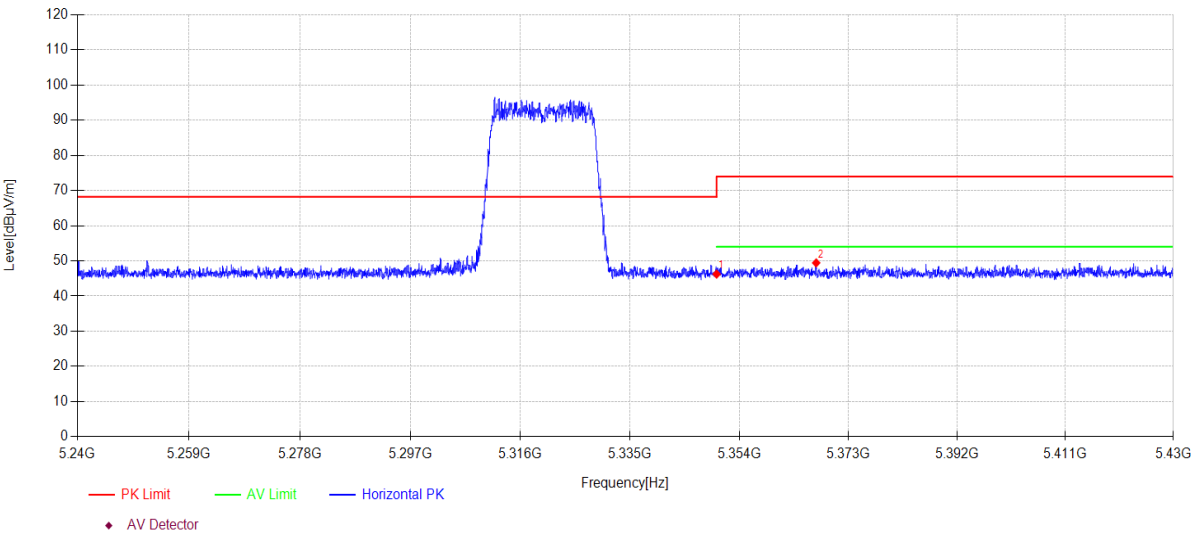
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Memo:

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	5350.000	7.74	33.10	5.41	0.00	46.25	74.00	27.75	PK	Horizontal
2	5367.338	10.92	33.10	5.42	0.00	49.44	74.00	24.56	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:

N20 TX 5320MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

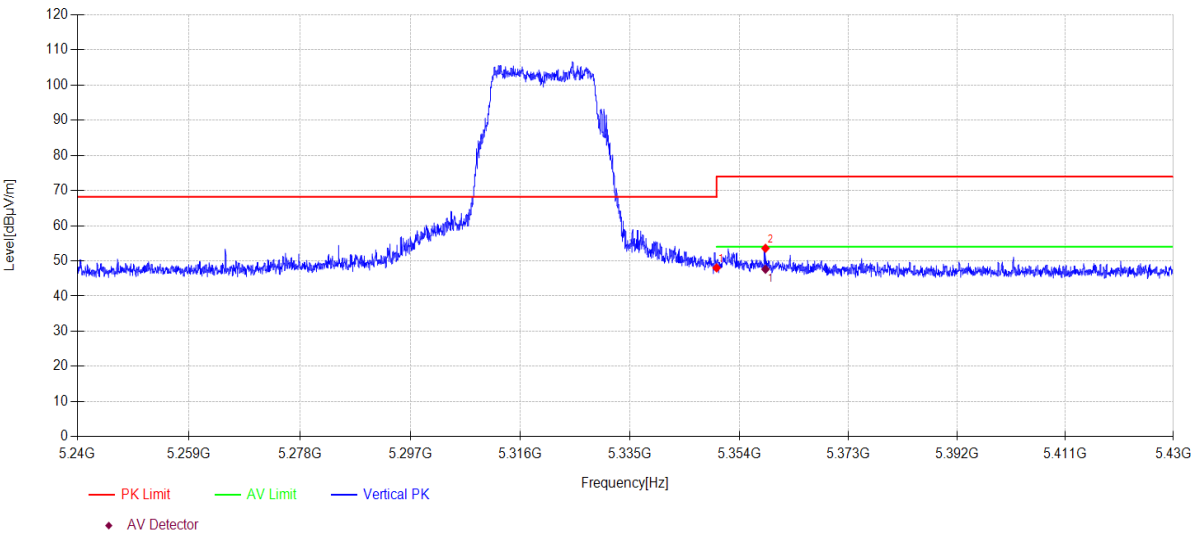
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d:\ts\2024 report data\Q24051516-2E\FCC ABOVE 1G 5G\54

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	5350.000	9.51	33.10	5.41	0.00	48.02	74.00	25.98	PK	Vertical
2	5358.503	15.06	33.10	5.42	0.00	53.58	74.00	20.42	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	5358.503	9.11	33.10	5.42	0.00	47.63	54.0	6.37	AV	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

N20 TX 5500MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

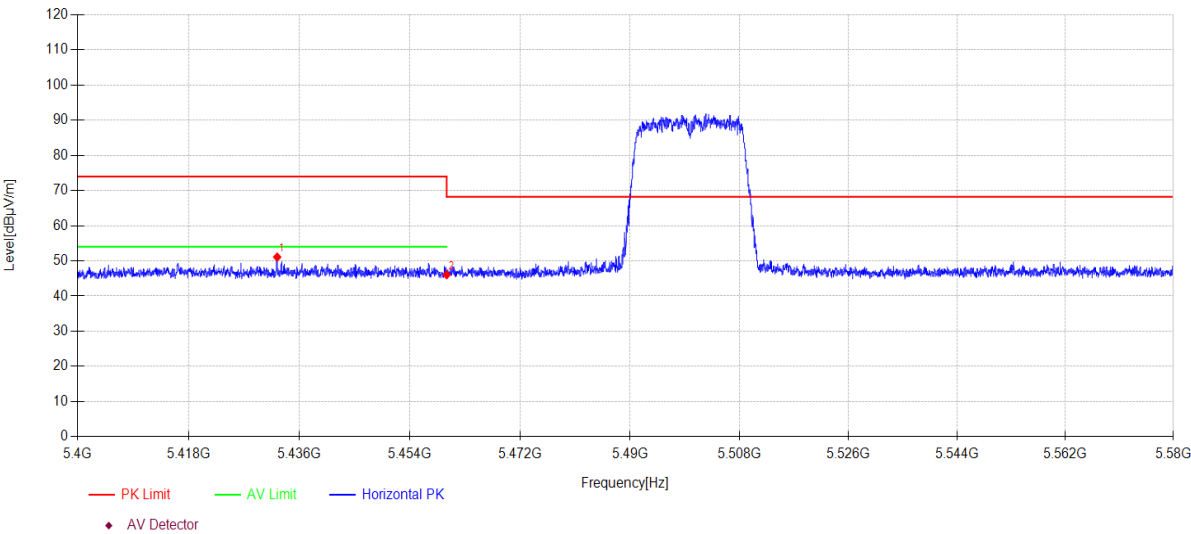
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Memo:

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	5432.382	12.58	33.04	5.47	0.00	51.09	74.00	22.91	PK	Horizontal
2	5460.000	7.57	33.00	5.48	0.00	46.05	68.20	22.15	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:

N20 TX 5500MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

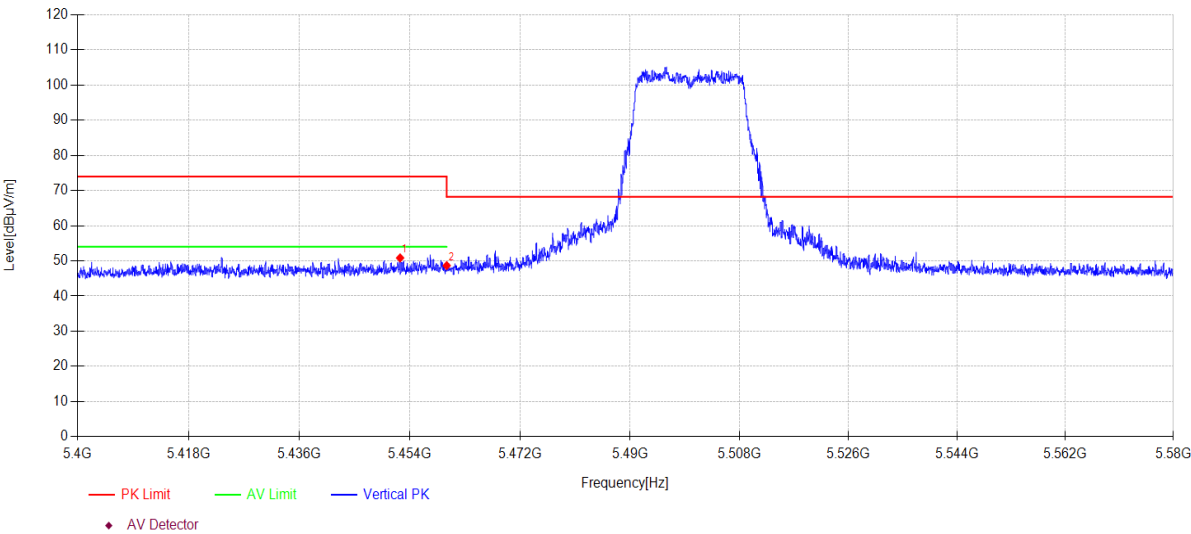
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Memo:

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	5452.398	12.37	33.00	5.48	0.00	50.85	74.00	23.15	PK	Vertical
2	5460.000	10.18	33.00	5.48	0.00	48.66	68.20	19.54	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:

N20 TX 5720MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

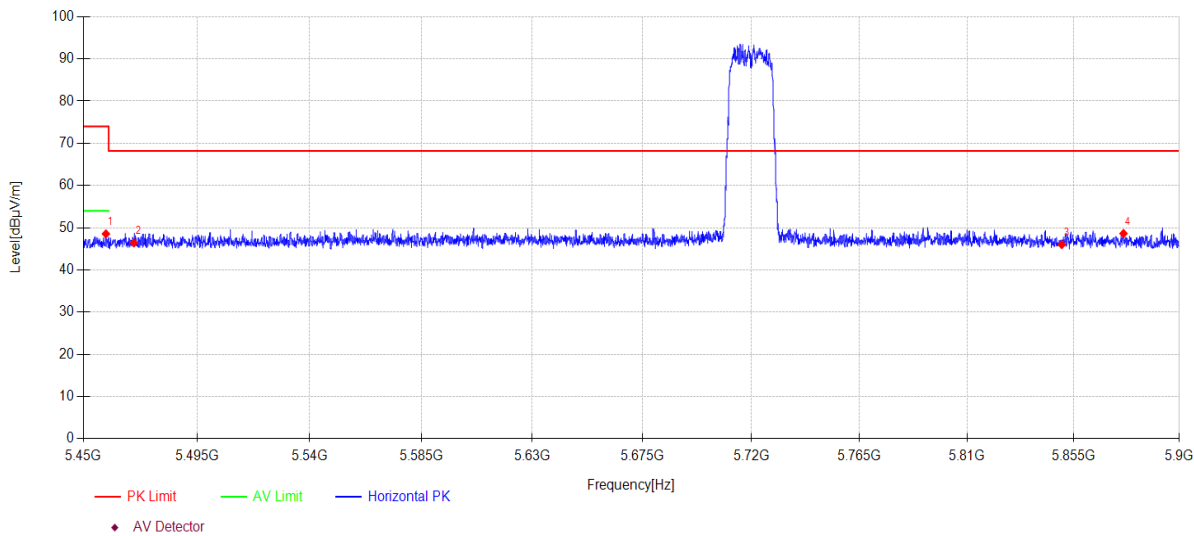
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Memo:

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	5458.910	10.06	33.00	5.48	0.00	48.54	74.00	25.46	PK	Horizontal
2	5470.000	7.93	33.00	5.49	0.00	46.42	68.20	21.78	PK	Horizontal
3	5850.000	6.26	34.00	5.74	0.00	46.00	68.20	22.20	PK	Horizontal
4	5876.195	8.81	34.05	5.76	0.00	48.62	68.20	19.58	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 5720MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

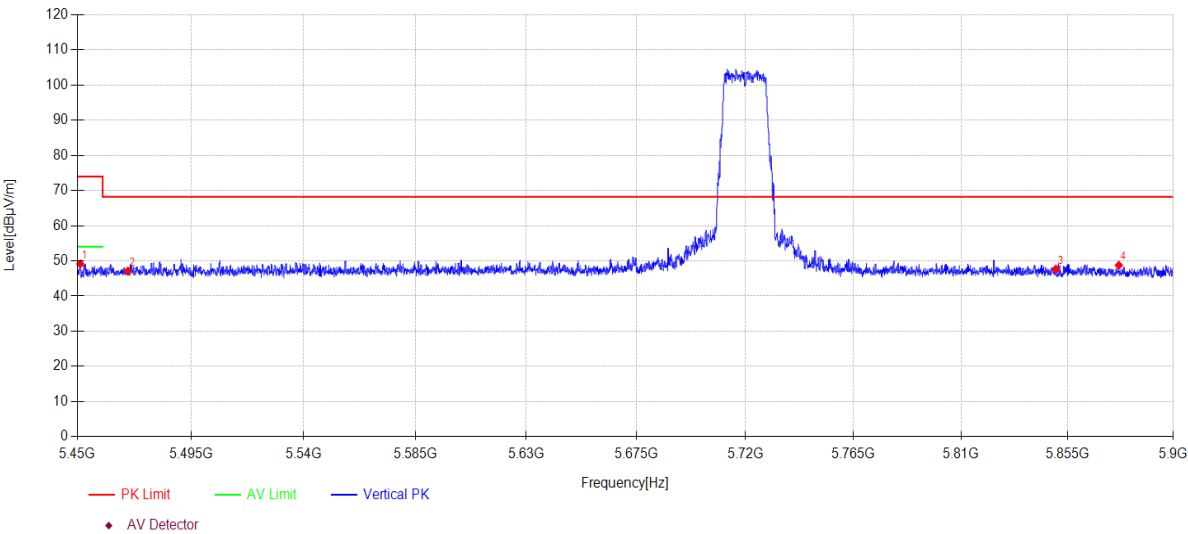
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d:\ts\2024 report data\Q24051516-2E\FCC ABOVE 1G KUAYUE\26

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	5451.170	10.66	33.00	5.48	0.00	49.14	74.00	24.86	PK	Vertical
2	5470.000	8.61	33.00	5.49	0.00	47.10	68.20	21.10	PK	Vertical
3	5850.000	7.92	34.00	5.74	0.00	47.66	68.20	20.54	PK	Vertical
4	5876.780	8.95	34.05	5.76	0.00	48.76	68.20	19.44	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC20 TX 5180MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

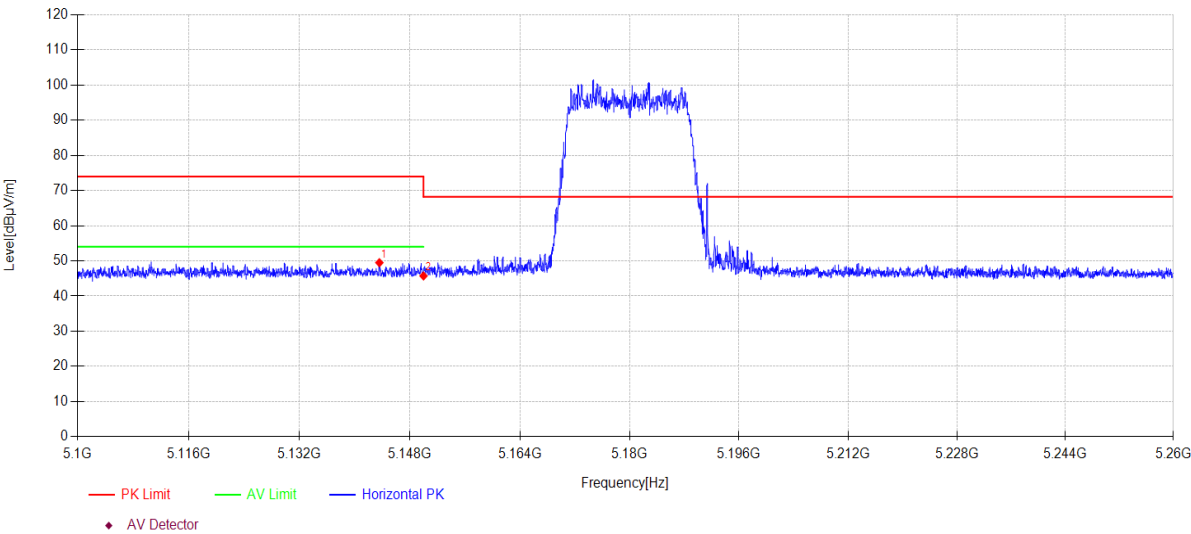
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Memo:

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	5143.600	10.83	33.40	5.27	0.00	49.50	74.00	24.50	PK	Horizontal
2	5150.000	7.05	33.40	5.28	0.00	45.73	68.20	22.47	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC20 TX 5180MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

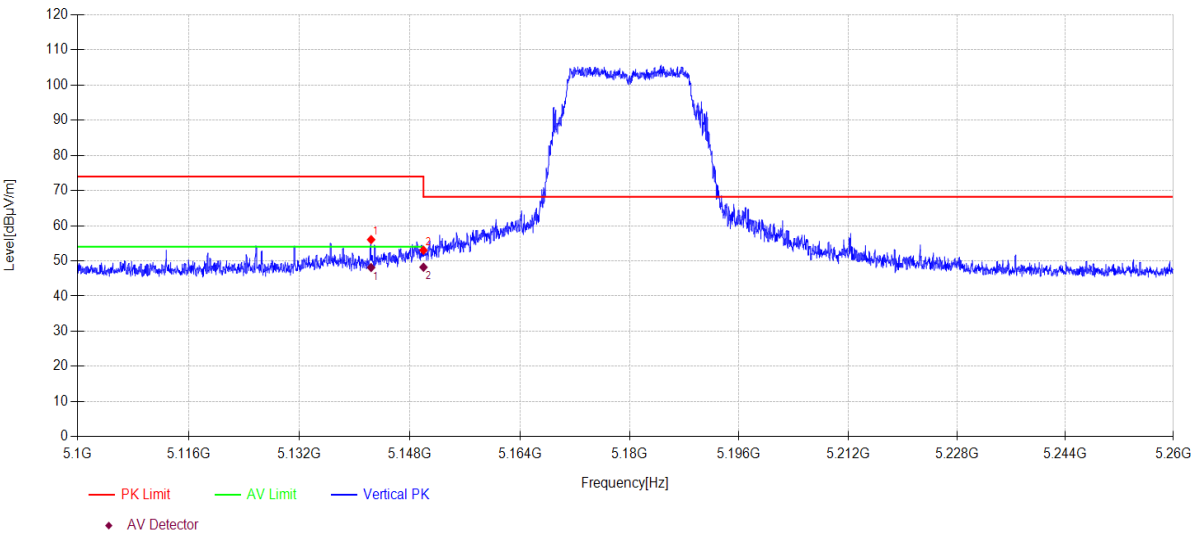
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Memo:

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	5142.400	17.38	33.40	5.27	0.00	56.05	74.00	17.95	PK	Vertical
2	5150.000	14.36	33.40	5.28	0.00	53.04	68.20	15.16	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	5142.400	9.45	33.40	5.27	0.00	48.12	54.0	5.88	AV	Vertical
2	5150.000	9.52	33.40	5.28	0.00	48.20	54.0	5.80	AV	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC20 TX 5320MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

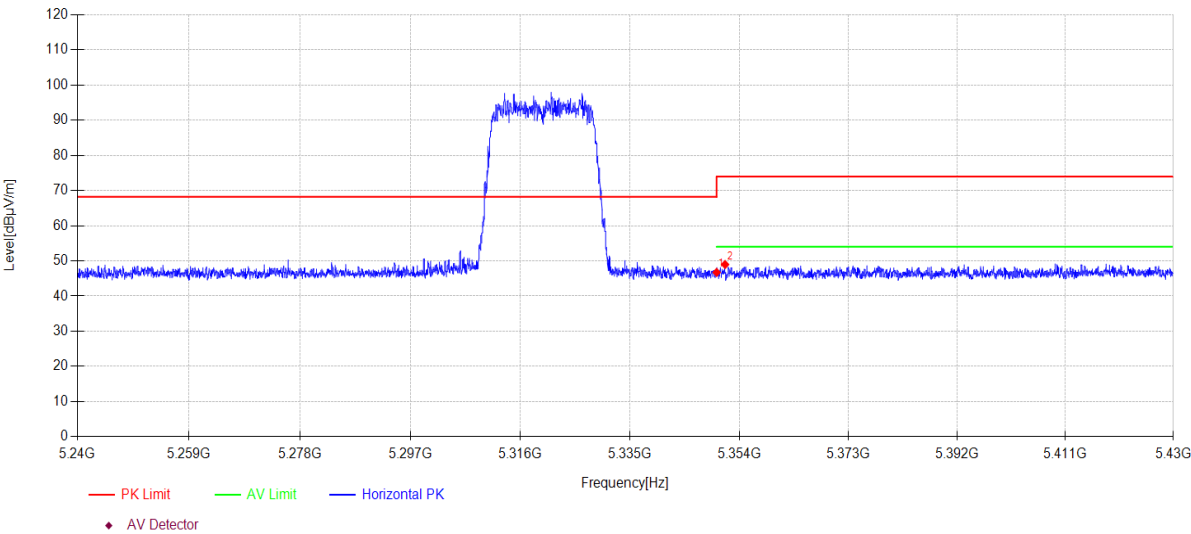
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Memo:

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	5350.000	8.22	33.10	5.41	0.00	46.73	74.00	27.27	PK	Horizontal
2	5351.473	10.47	33.10	5.41	0.00	48.98	74.00	25.02	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC20 TX 5320MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

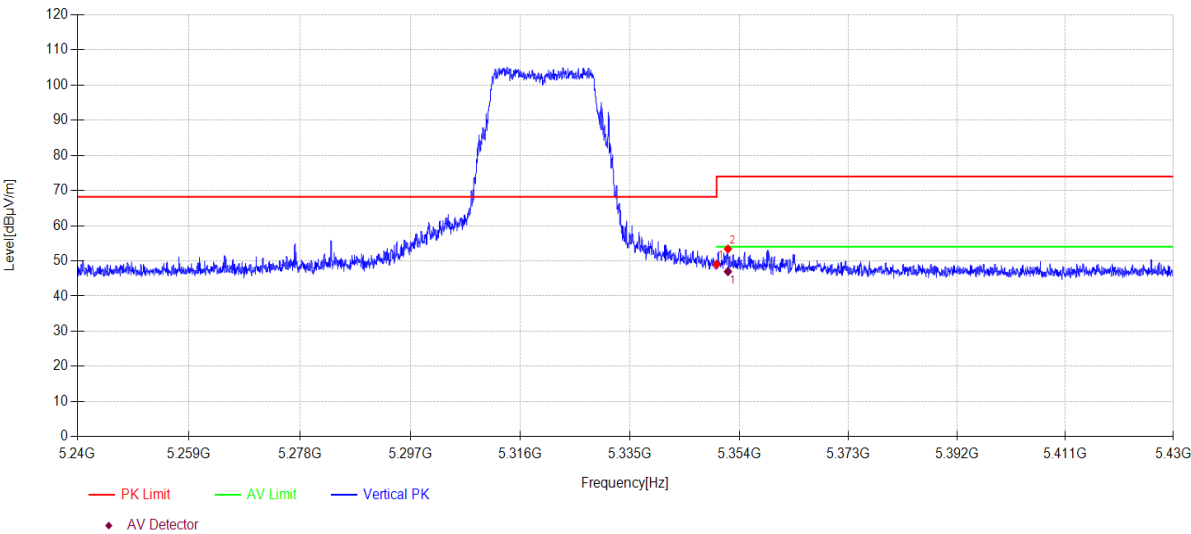
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Memo:

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	5350.000	10.50	33.10	5.41	0.00	49.01	74.00	24.99	PK	Vertical
2	5351.967	14.88	33.10	5.41	0.00	53.39	74.00	20.61	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	5351.967	8.46	33.10	5.41	0.00	46.97	54.0	7.03	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:

AC20 TX 5500MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

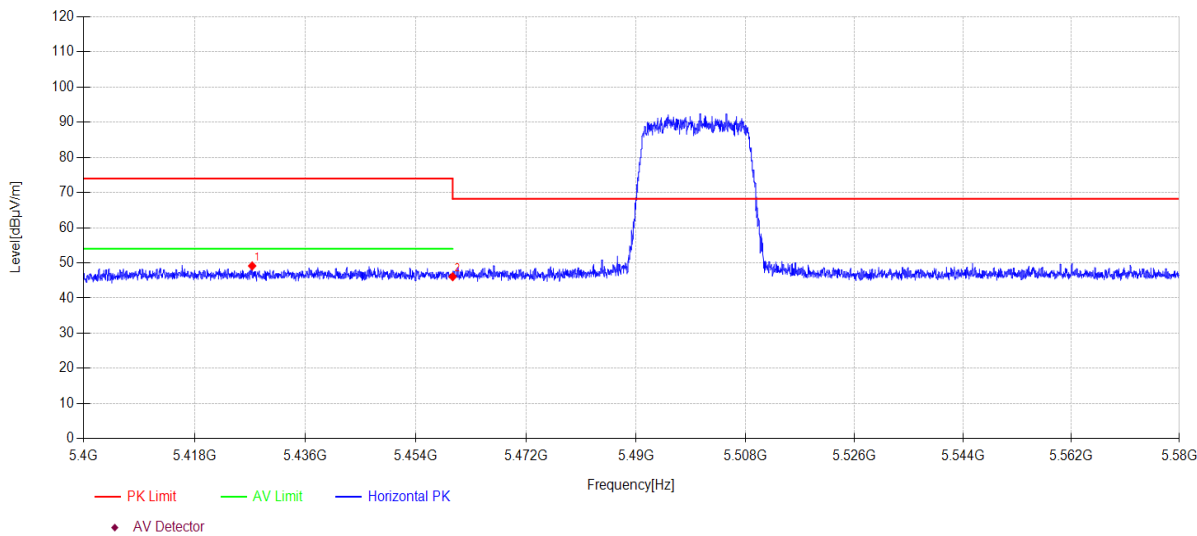
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Memo:

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	5427.342	10.64	33.05	5.46	0.00	49.15	74.00	24.85	PK	Horizontal
2	5460.000	7.60	33.00	5.48	0.00	46.08	68.20	22.12	PK	Horizontal

Note:

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

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

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

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:

AC20 TX 5500MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

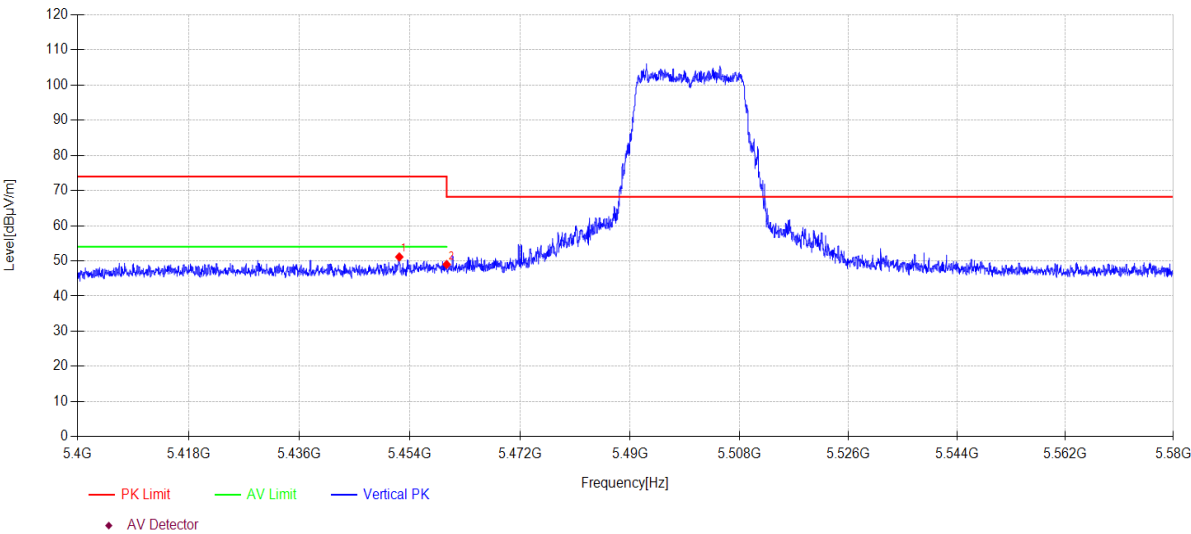
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Memo:

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	5452.272	12.64	33.00	5.48	0.00	51.12	74.00	22.88	PK	Vertical
2	5460.000	10.51	33.00	5.48	0.00	48.99	68.20	19.21	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-28

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AC20 TX 5720MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

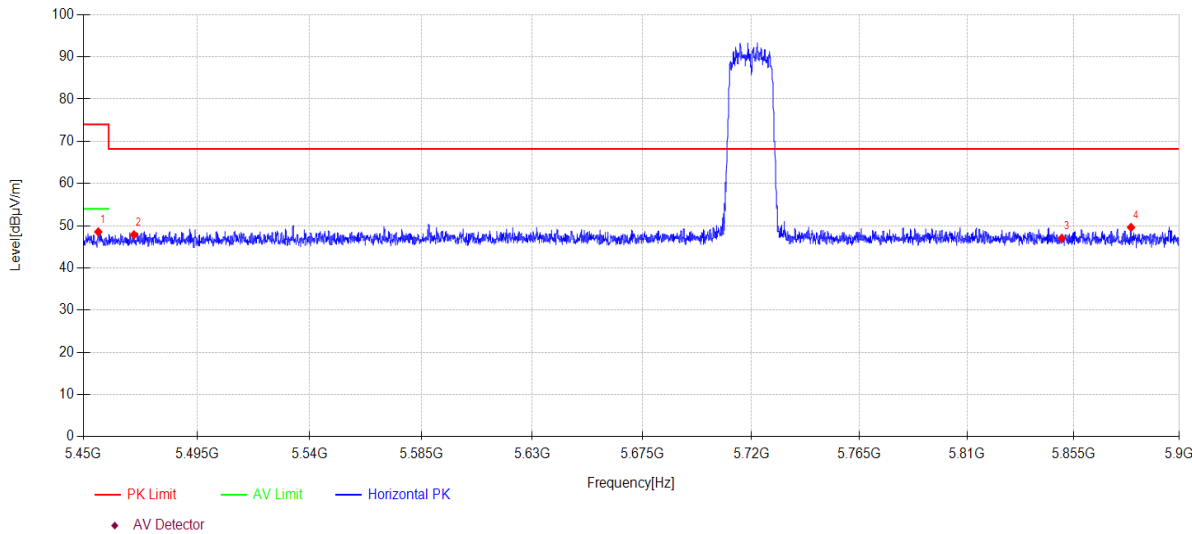
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Memo:

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	5455.895	10.06	33.00	5.48	0.00	48.54	74.00	25.46	PK	Horizontal
2	5470.000	9.36	33.00	5.49	0.00	47.85	68.20	20.35	PK	Horizontal
3	5850.000	7.28	34.00	5.74	0.00	47.02	68.20	21.18	PK	Horizontal
4	5879.390	9.80	34.06	5.76	0.00	49.62	68.20	18.58	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 5720MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

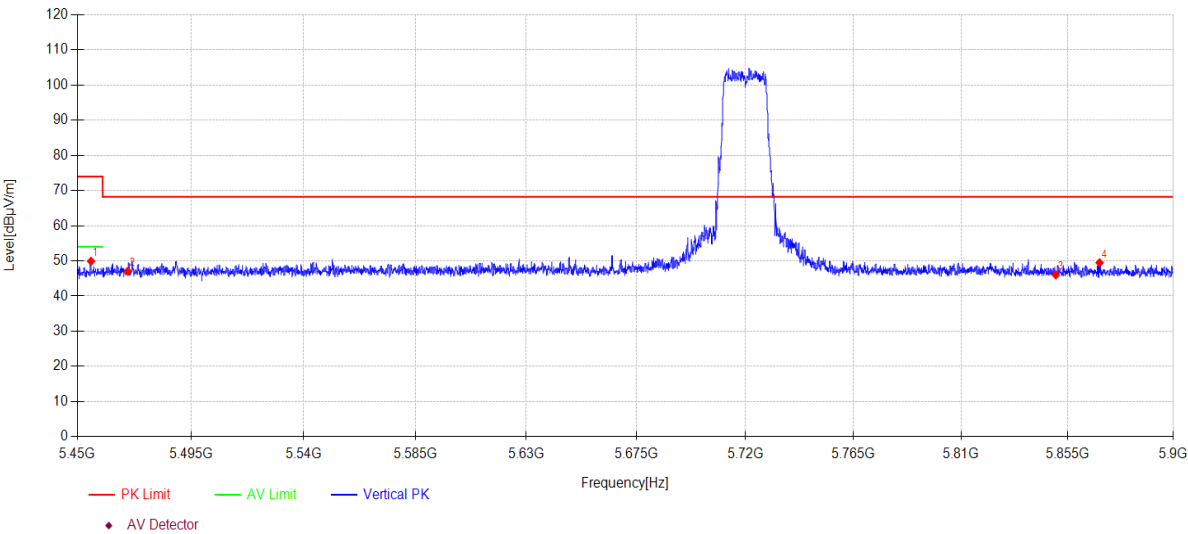
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Memo:

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	5455.400	11.43	33.00	5.48	0.00	49.91	74.00	24.09	PK	Vertical
2	5470.000	8.52	33.00	5.49	0.00	47.01	68.20	21.19	PK	Vertical
3	5850.000	6.27	34.00	5.74	0.00	46.01	68.20	22.19	PK	Vertical
4	5868.590	9.69	34.04	5.75	0.00	49.48	68.20	18.72	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX20 TX 5180MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

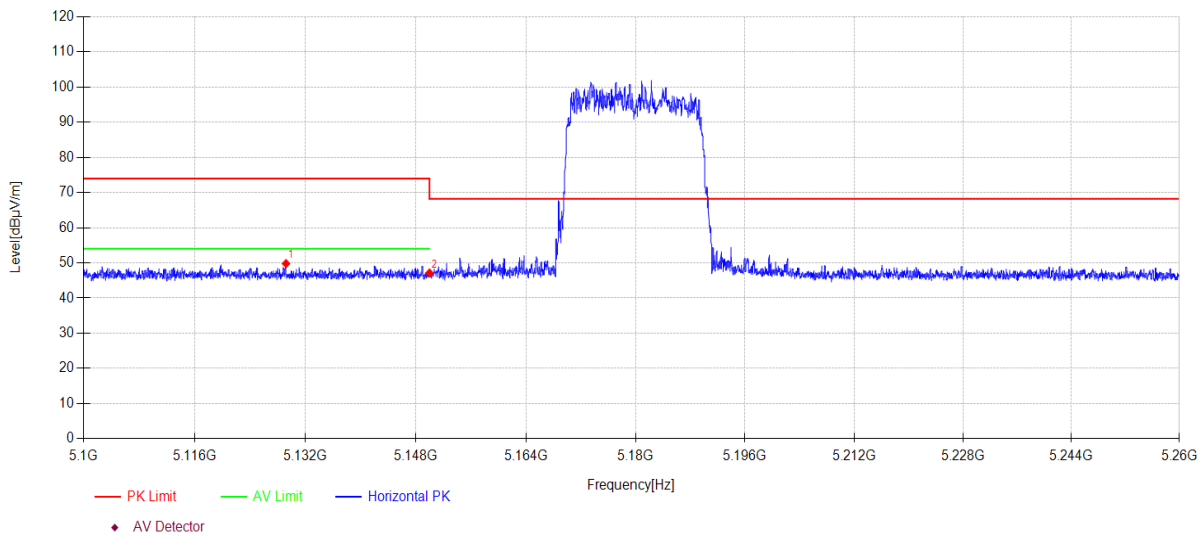
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Memo:

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	5129.216	11.13	33.40	5.27	0.00	49.80	74.00	24.20	PK	Horizontal
2	5150.000	8.45	33.40	5.28	0.00	47.13	68.20	21.07	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX20 TX 5180MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

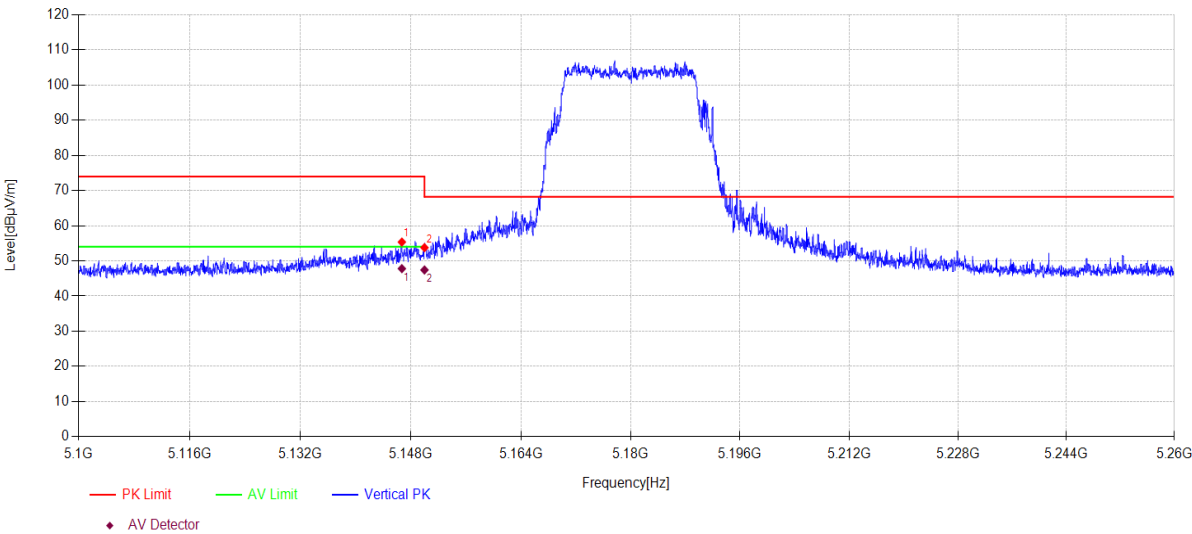
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Memo:

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	5146.720	16.68	33.40	5.28	0.00	55.36	74.00	18.64	PK	Vertical
2	5150.000	15.10	33.40	5.28	0.00	53.78	68.20	14.42	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	5146.720	9.12	33.40	5.28	0.00	47.80	54.0	6.20	AV	Vertical
2	5150.000	8.75	33.40	5.28	0.00	47.43	54.0	6.57	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:

AX20 TX 5320MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

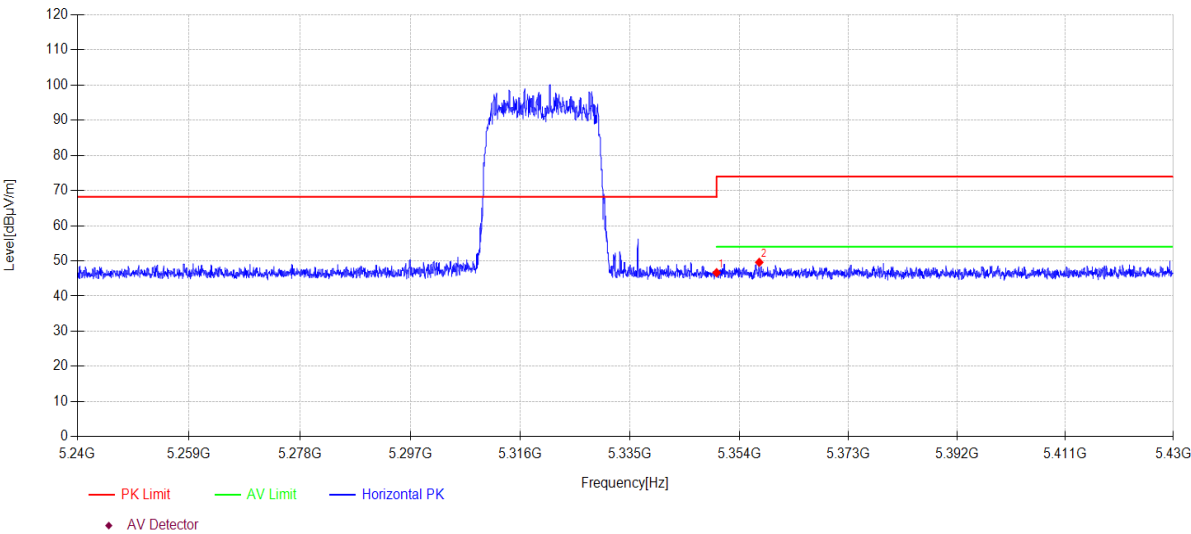
File Path:

d:\ts\2024 report data\Q24051516-2E\FCC ABOVE 1G 5G\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	5350.000	8.14	33.10	5.41	0.00	46.65	74.00	27.35	PK	Horizontal
2	5357.420	11.08	33.10	5.42	0.00	49.60	74.00	24.40	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:

AX20 TX 5320MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

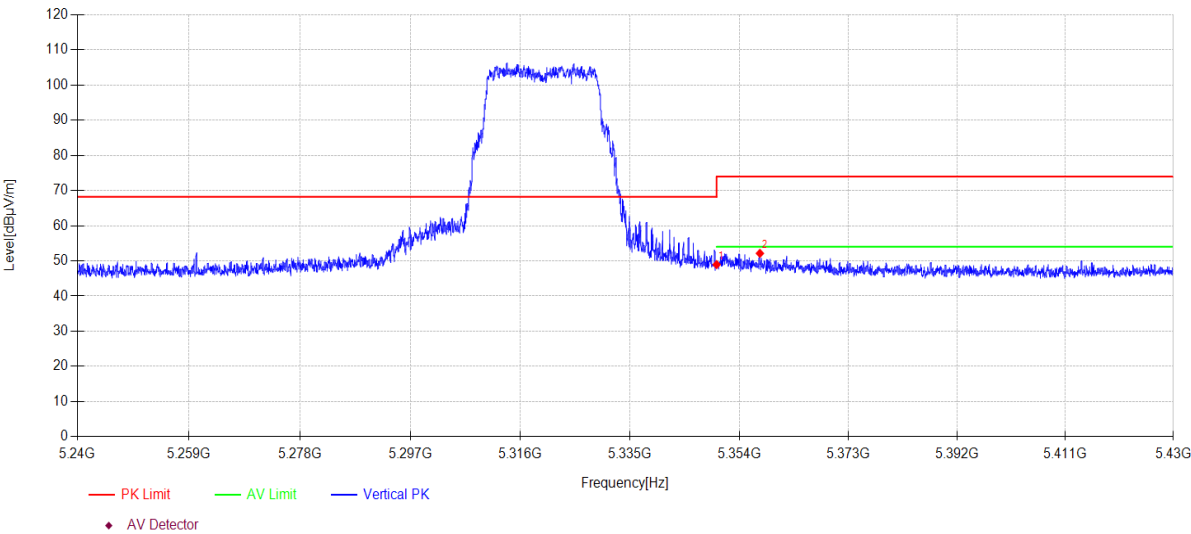
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Memo:

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	5350.000	10.44	33.10	5.41	0.00	48.95	74.00	25.05	PK	Vertical
2	5357.534	13.62	33.10	5.42	0.00	52.14	74.00	21.86	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:

AX20 TX 5500MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

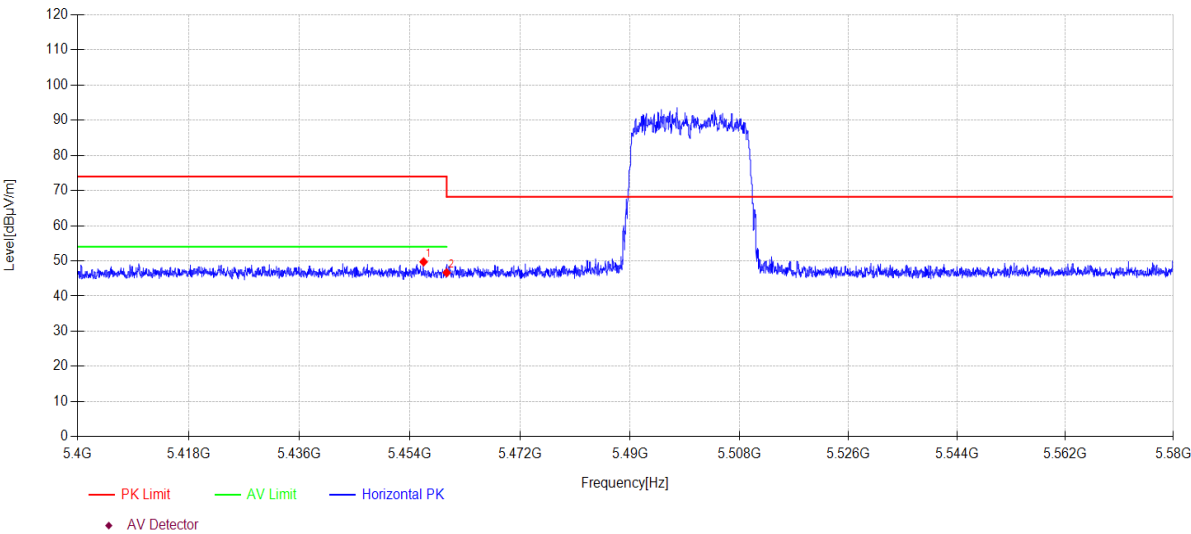
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Memo:

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	5456.232	11.25	33.00	5.48	0.00	49.73	74.00	24.27	PK	Horizontal
2	5460.000	8.17	33.00	5.48	0.00	46.65	68.20	21.55	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

AX20 TX 5500MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

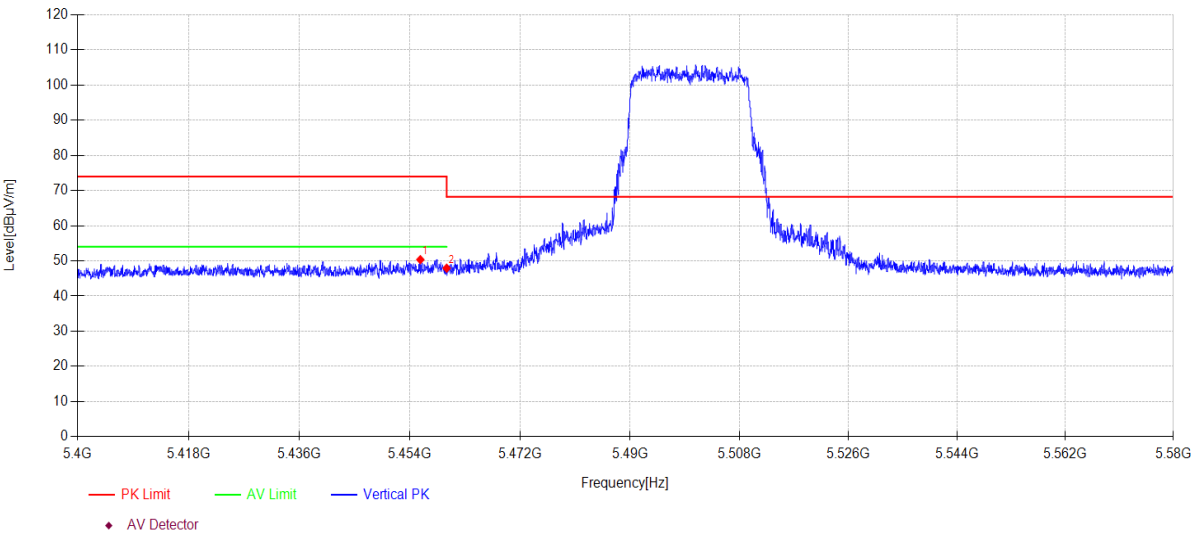
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d:\ts\2024 report data\Q24051516-2E\FCC ABOVE 1G 5G\60

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	5455.692	11.88	33.00	5.48	0.00	50.36	74.00	23.64	PK	Vertical
2	5460.000	9.46	33.00	5.48	0.00	47.94	68.20	20.26	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 5720MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

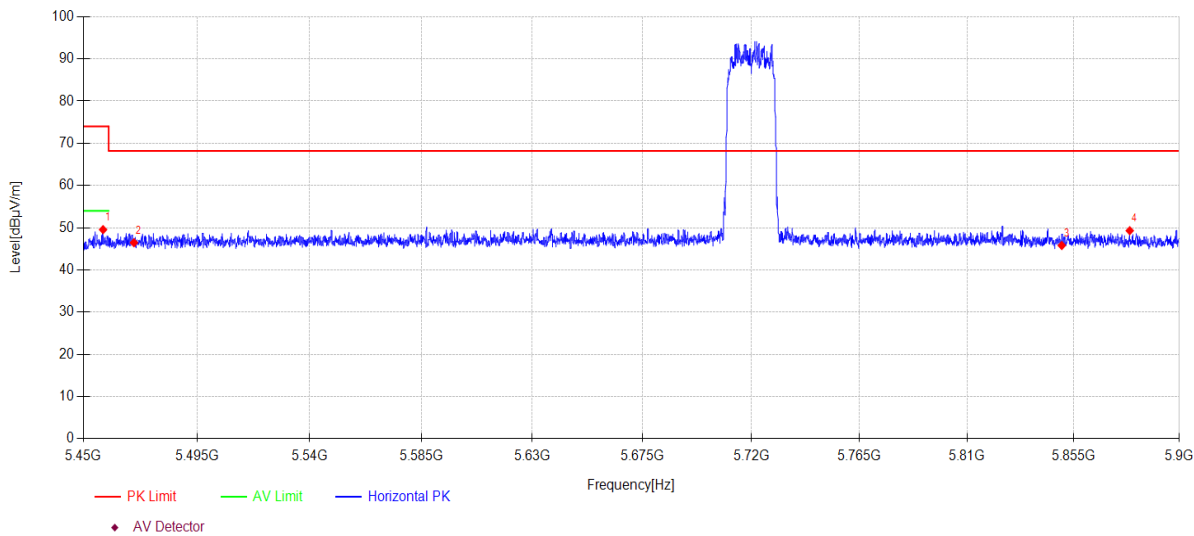
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d:\ts\2024 report data\Q24051516-2E\FCC ABOVE 1G KUAYUE\29

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	5457.785	11.07	33.00	5.48	0.00	49.55	74.00	24.45	PK	Horizontal
2	5470.000	7.97	33.00	5.49	0.00	46.46	68.20	21.74	PK	Horizontal
3	5850.000	6.05	34.00	5.74	0.00	45.79	68.20	22.41	PK	Horizontal
4	5878.850	9.49	34.06	5.76	0.00	49.31	68.20	18.89	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 5720MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

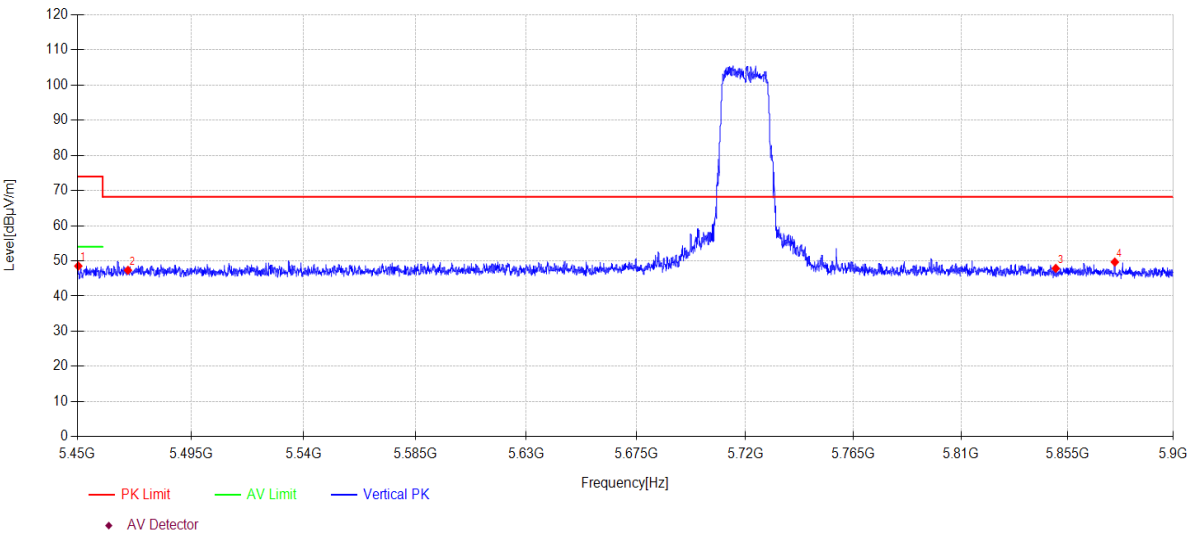
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d:\ts\2024 report data\Q24051516-2E\FCC ABOVE 1G KUAYUE\30

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	5450.405	10.06	33.00	5.48	0.00	48.54	74.00	25.46	PK	Vertical
2	5470.000	8.84	33.00	5.49	0.00	47.33	68.20	20.87	PK	Vertical
3	5850.000	8.13	34.00	5.74	0.00	47.87	68.20	20.33	PK	Vertical
4	5875.070	9.86	34.05	5.76	0.00	49.67	68.20	18.53	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

N40 TX 5190MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

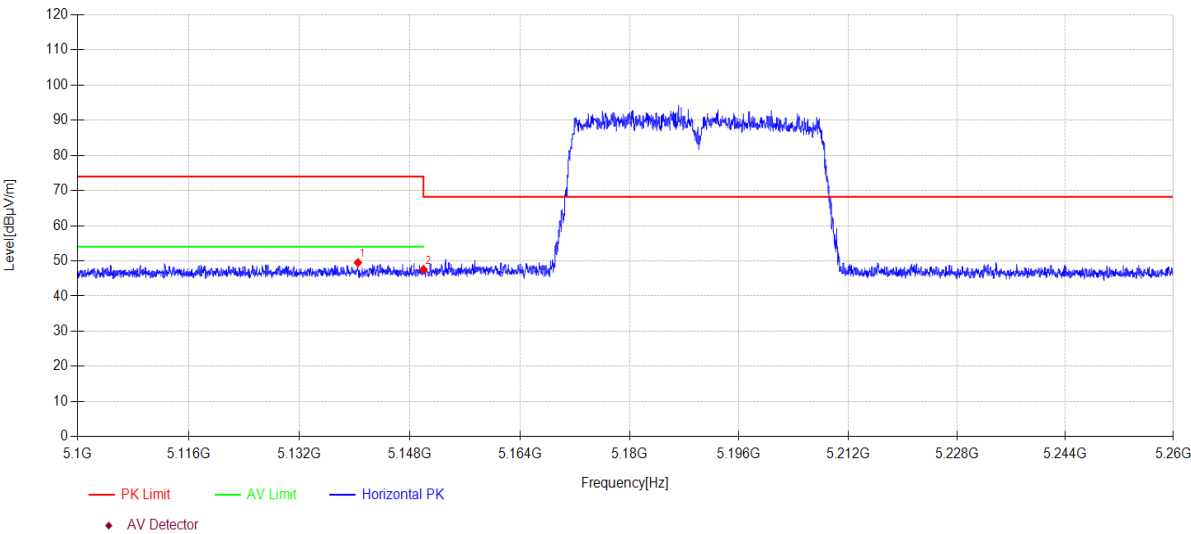
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Memo:

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	5140.496	10.85	33.40	5.27	0.00	49.52	74.00	24.48	PK	Horizontal
2	5150.000	8.87	33.40	5.28	0.00	47.55	68.20	20.65	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:

2024-06-27

Tested By:

Genliu

EUT:

Dual-band WiFi6 AX1500 Router

Model Number:

Flow AX1501

Test Mode:

N40 TX 5190MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.9°C;Humi:60.0%

Test Site:

DDT 3# Chamber

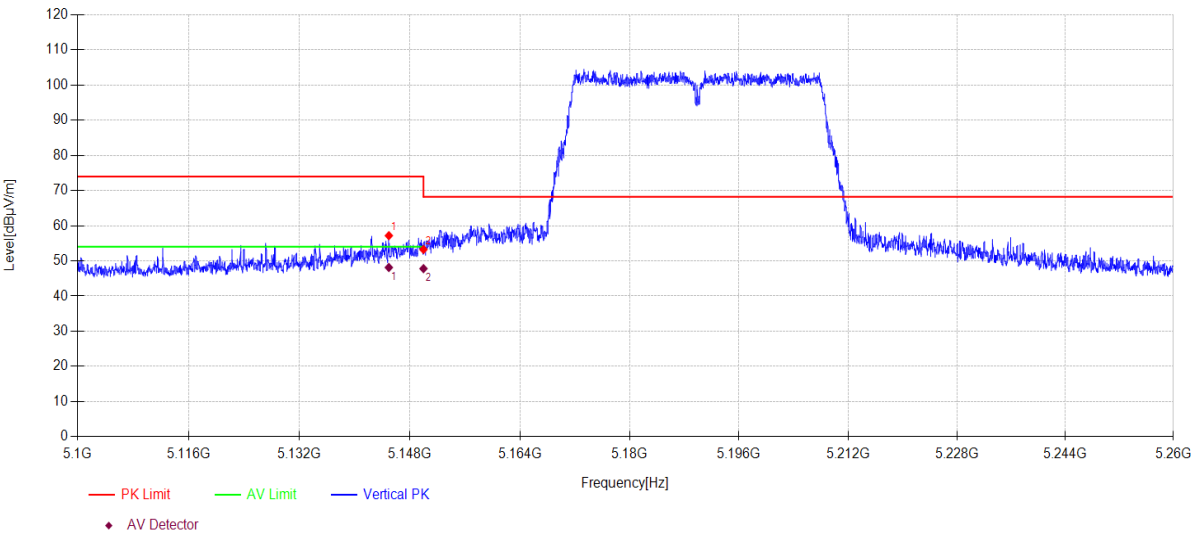
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Memo:

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	5144.976	18.50	33.40	5.28	0.00	57.18	74.00	16.82	PK	Vertical
2	5150.000	14.57	33.40	5.28	0.00	53.25	68.20	14.95	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	5144.976	9.45	33.40	5.28	0.00	48.13	54.0	5.87	AV	Vertical
2	5150.000	9.12	33.40	5.28	0.00	47.80	54.0	6.20	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.