

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AX80 MIMO 5290 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

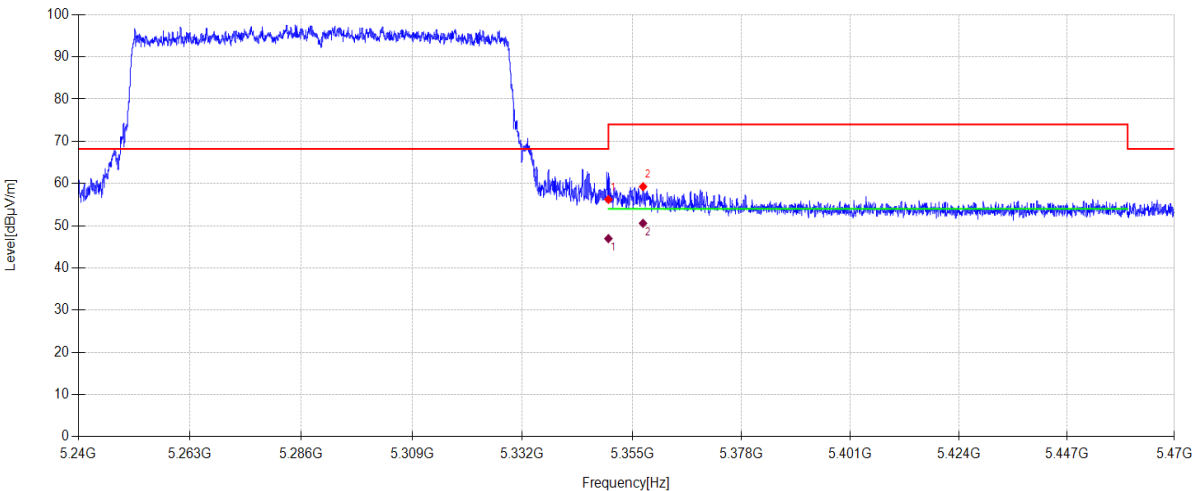
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Memo:

Sample Number:S24052212-002 Power Setting:8

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	47.75	33.10	5.41	-30.03	56.23	74.00	17.77	PK	Vertical
2	5357.277	50.77	33.10	5.42	-30.03	59.26	74.00	14.74	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	5350.000	38.47	33.10	5.41	-30.03	46.95	54.0	7.05	AV	Vertical
2	5357.263	40.82	33.10	6.68	-30.03	50.57	54.0	3.43	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:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AC80 MIMO 5530 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

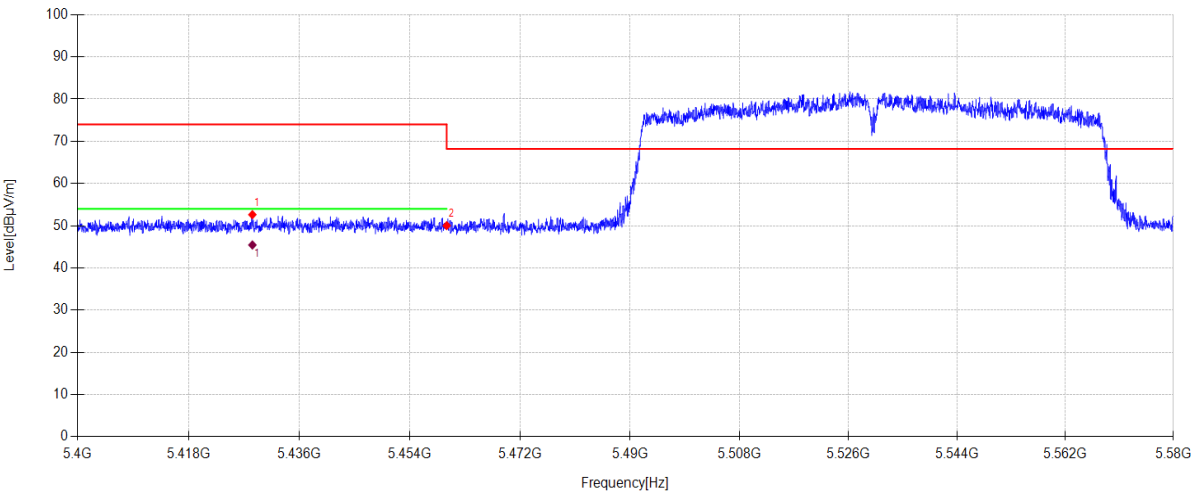
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Memo:

Sample Number:S24052212-002 Power Setting:6

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	5428.350	44.14	33.04	5.46	-30.02	52.62	74.00	21.38	PK	Horizontal
2	5460.000	41.56	33.00	5.48	-30.02	50.02	68.20	18.18	PK	Horizontal

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	5428.350	36.96	33.04	5.46	-30.02	45.44	54	8.56	AV	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AC80 MIMO 5530 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

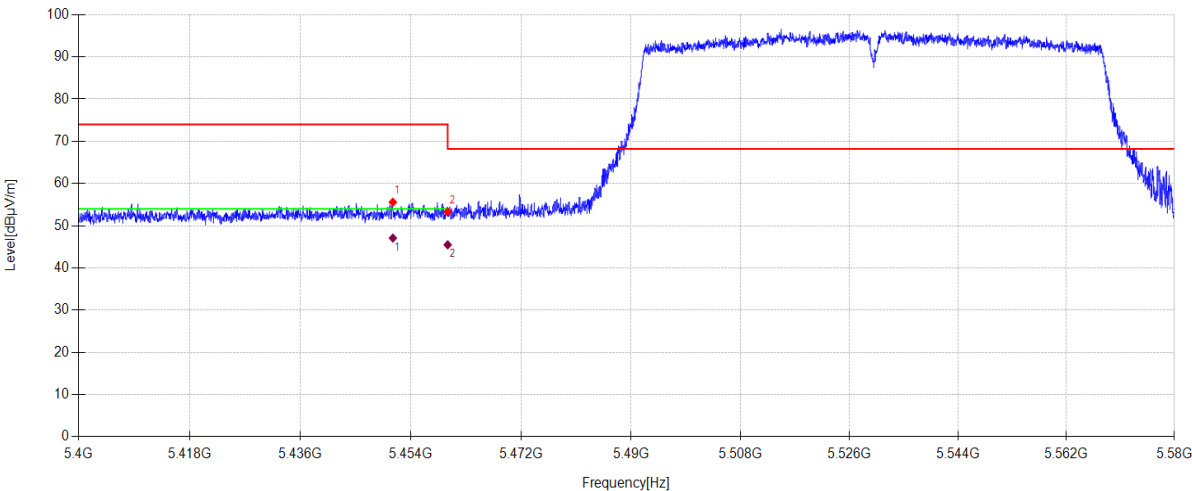
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Memo:

Sample Number:S24052212-002 Power Setting:6

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	5451.048	47.12	33.00	5.48	-30.02	55.58	74.00	18.42	PK	Vertical
2	5460.000	44.82	33.00	5.48	-30.02	53.28	68.20	14.92	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	5451.055	37.38	33.00	6.72	-30.02	47.08	54	6.92	AV	Vertical
2	5460.000	37.02	33.00	5.48	-30.02	45.48	54	8.52	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:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AX80 MIMO 5530 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

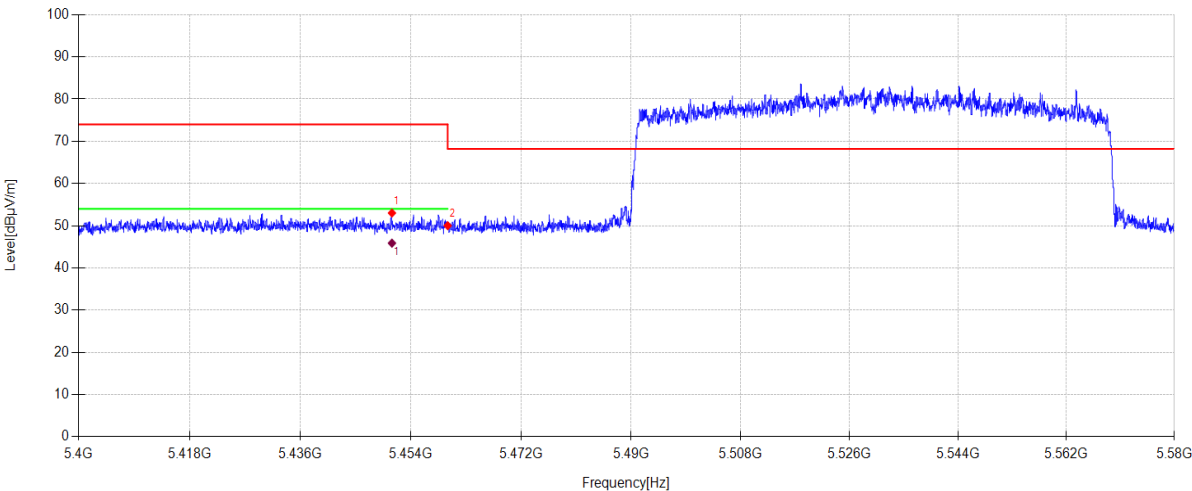
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Memo:

Sample Number:S24052212-002 Power Setting:6

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	5450.904	44.56	33.00	5.48	-30.02	53.02	74.00	20.98	PK	Horizontal
2	5460.000	41.55	33.00	5.48	-30.02	50.01	68.20	18.19	PK	Horizontal

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	5450.904	37.41	33.00	5.48	-30.02	45.87	54	6.13	AV	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AX80 MIMO 5530 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

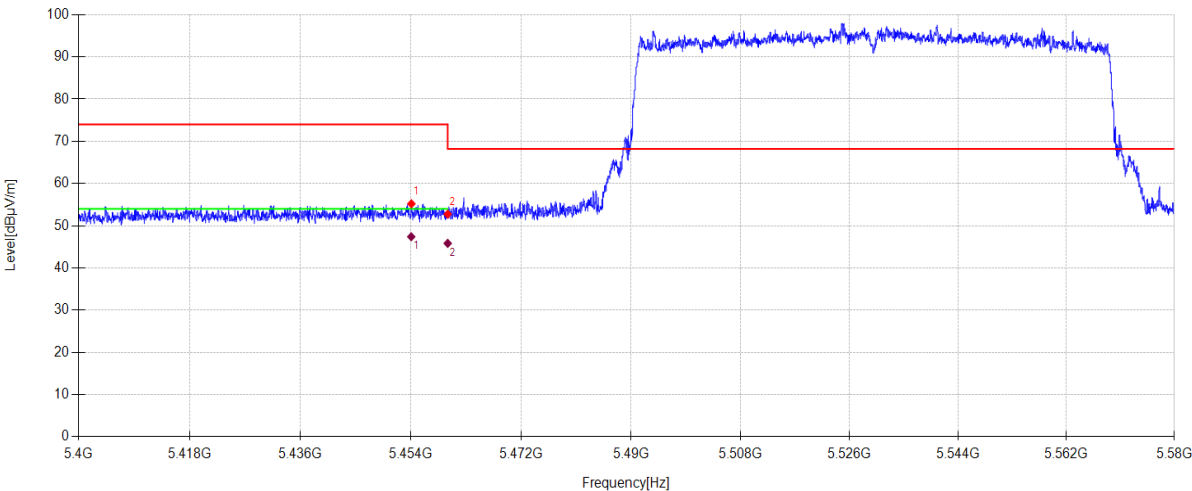
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Memo:

Sample Number:S24052212-002 Power Setting:6

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	5454.072	46.74	33.00	5.48	-30.02	55.20	74.00	18.80	PK	Vertical
2	5460.000	44.28	33.00	5.48	-30.02	52.74	68.20	15.46	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	5454.048	37.69	33.00	6.72	-30.02	47.39	54	6.61	AV	Vertical
2	5460.000	37.36	33.00	5.48	-30.02	45.82	54	8.18	AV	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AC80 MIMO 5610 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

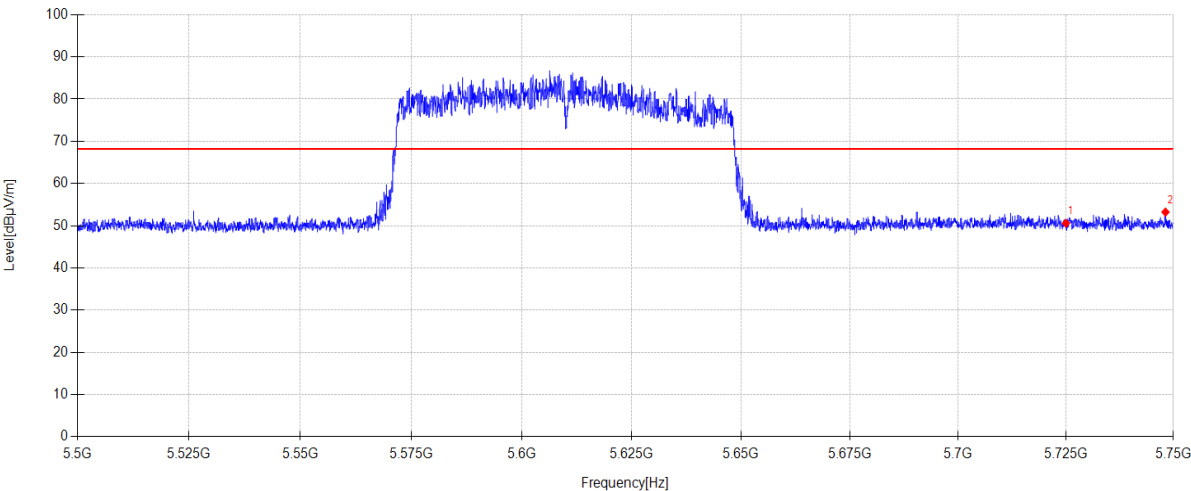
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Memo:

Sample Number:S24052212-002 Power Setting:6

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.16	33.75	5.66	-29.99	50.58	68.20	17.62	PK	Horizontal
2	5748.175	43.65	33.89	5.67	-29.98	53.23	68.20	14.97	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:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AC80 MIMO 5610 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

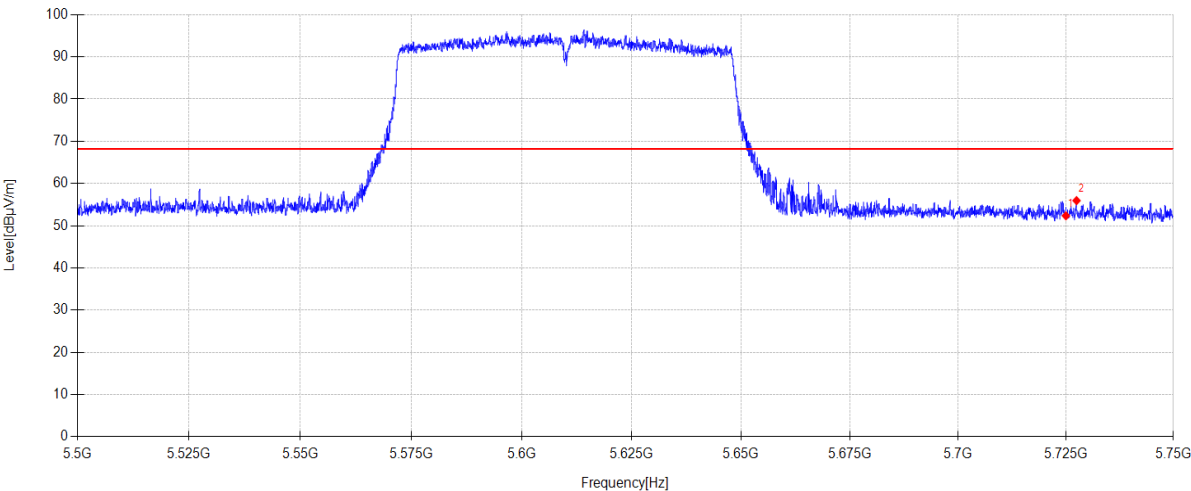
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Memo:

Sample Number:S24052212-002 Power Setting:6

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	42.93	33.75	5.66	-29.99	52.35	68.20	15.85	PK	Vertical
2	5727.475	46.52	33.76	5.66	-29.99	55.95	68.20	12.25	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:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AX80 MIMO 5610 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

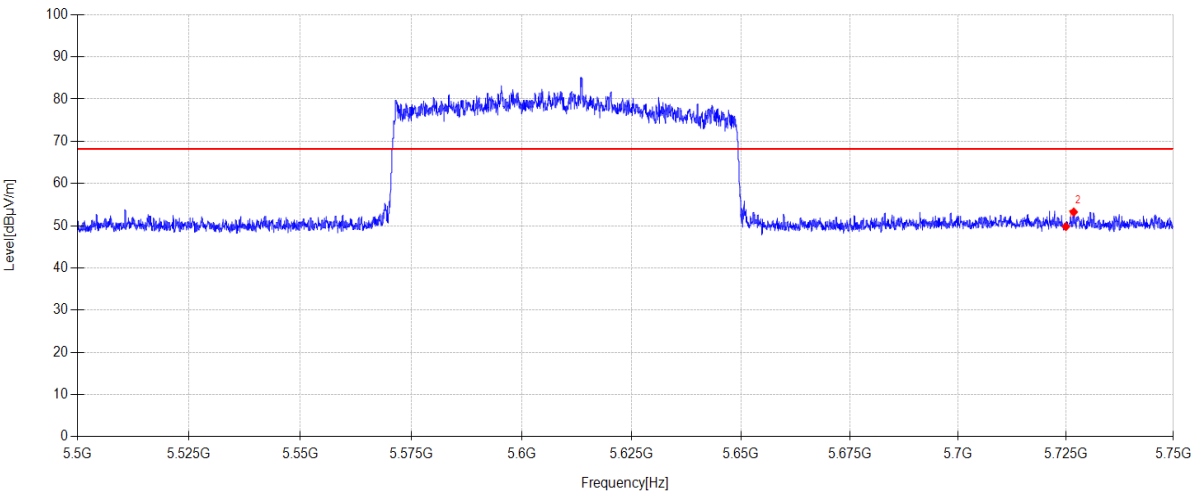
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Memo:

Sample Number:S24052212-002 Power Setting:6

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	40.37	33.75	5.66	-29.99	49.79	68.20	18.41	PK	Horizontal
2	5726.825	43.82	33.76	5.66	-29.99	53.25	68.20	14.95	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AX80 MIMO 5610 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

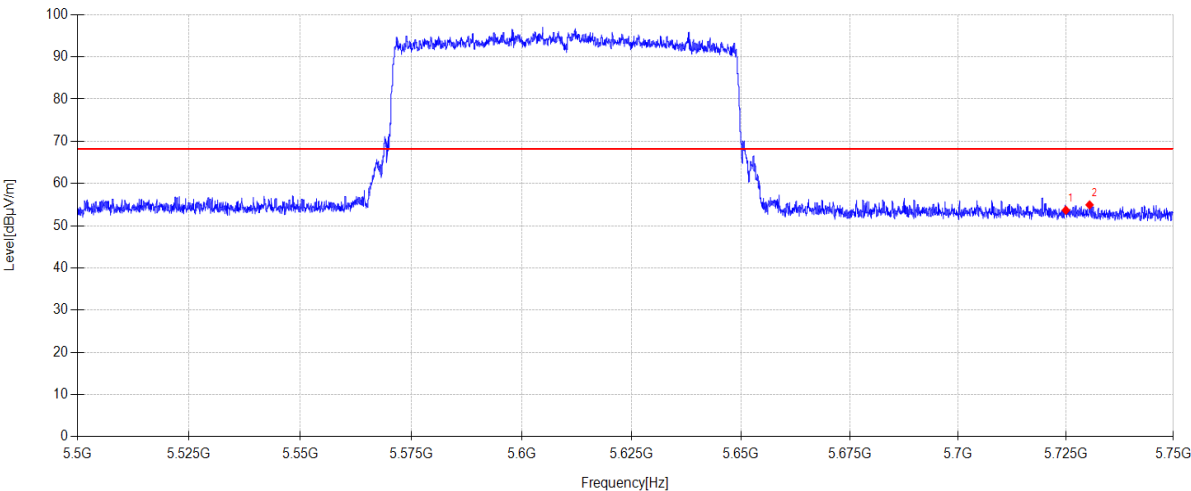
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Memo:

Sample Number:S24052212-002 Power Setting:6

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	44.24	33.75	5.66	-29.99	53.66	68.20	14.54	PK	Vertical
2	5730.500	45.49	33.78	5.66	-29.99	54.94	68.20	13.26	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:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AC160 MIMO 5250 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

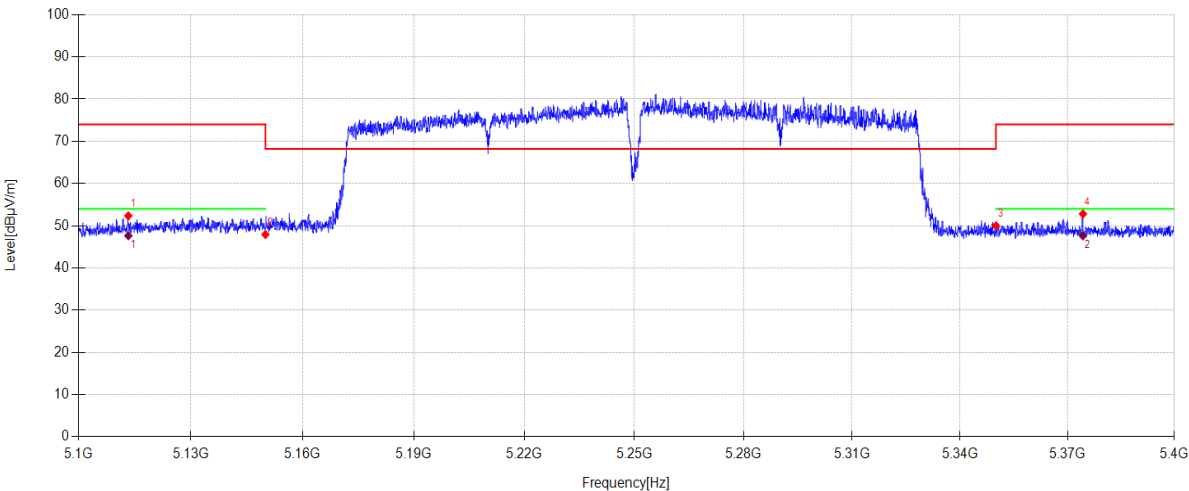
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Memo:

Sample Number:S24052212-002 Power Setting:8

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	5113.320	43.76	33.40	5.25	-30.07	52.34	74.00	21.66	PK	Horizontal
2	5150.000	39.31	33.40	5.28	-30.06	47.93	68.20	20.27	PK	Horizontal
3	5350.000	41.48	33.10	5.41	-30.03	49.96	74.00	24.04	PK	Horizontal
4	5374.320	44.29	33.10	5.43	-30.03	52.79	74.00	21.21	PK	Horizontal

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	5113.320	39.06	33.40	5.25	-30.07	47.64	54	6.36	AV	Horizontal
2	5374.320	39.12	33.10	5.43	-30.03	47.62	54	6.38	AV	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-07-11 Tested By: Johnson Huang

EUT: Dual-band WiFi6 AX3000 Router Model Number: Flow AX3006

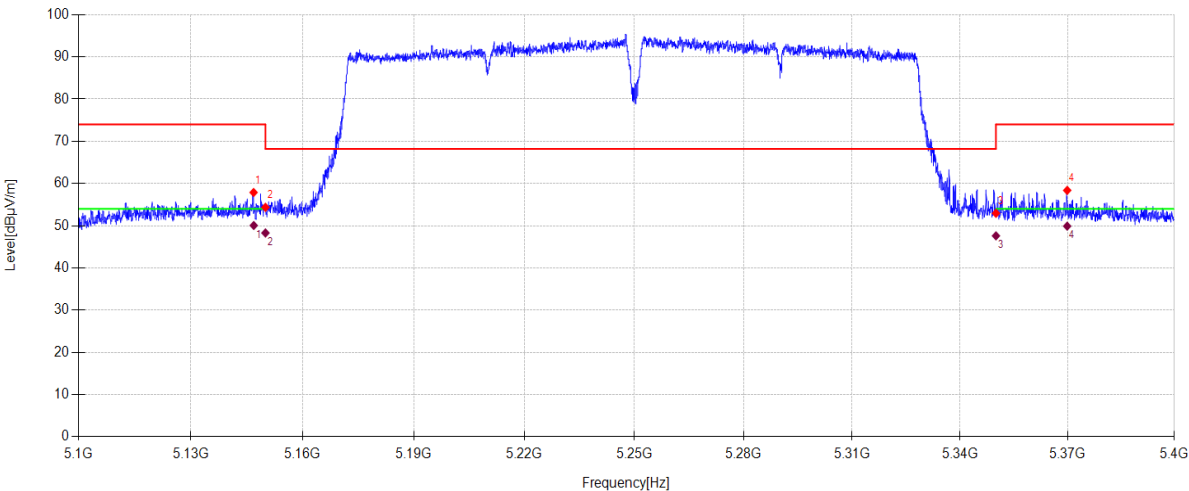
Test Mode: 11AC160 MIMO 5250 MHz TX Mode Power Supply: AC120V/60Hz

Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber

File Path: d:\ts\2024 report data\Q24052212\FCC ABOVE 1G 5G WIFI BIANDA\86

Memo: Sample Number:S24052212-002 Power Setting:8

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	5146.830	49.26	33.40	5.28	-30.06	57.88	74.00	16.12	PK	Vertical
2	5150.000	45.74	33.40	5.28	-30.06	54.36	68.20	13.84	PK	Vertical
3	5350.000	44.47	33.10	5.41	-30.03	52.95	74.00	21.05	PK	Vertical
4	5369.910	49.89	33.10	5.42	-30.03	58.38	74.00	15.62	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	5146.869	40.15	33.40	6.57	-30.06	50.06	54	3.94	AV	Vertical
2	5150.000	39.67	33.40	5.28	-30.06	48.29	54	5.71	AV	Vertical
3	5350.000	39.12	33.10	5.41	-30.03	47.60	54	6.40	AV	Vertical
4	5369.906	40.15	33.10	6.68	-30.03	49.90	54	4.10	AV	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AX160 MIMO 5250 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

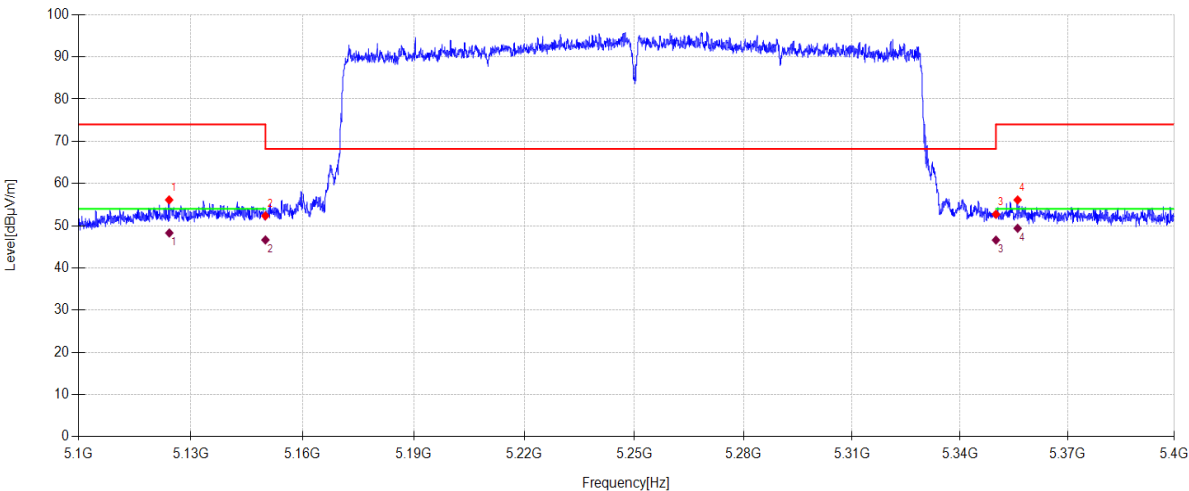
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Memo:

Sample Number:S24052212-002 Power Setting:6

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5124.210	47.51	33.40	5.26	-30.06	56.11	74.00	17.89	PK	Vertical
2	5150.000	43.72	33.40	5.28	-30.06	52.34	68.20	15.86	PK	Vertical
3	5350.000	44.23	33.10	5.41	-30.03	52.71	74.00	21.29	PK	Vertical
4	5356.050	47.63	33.10	5.41	-30.03	56.11	74.00	17.89	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	5124.253	38.38	33.40	6.56	-30.06	48.28	54	5.72	AV	Vertical
2	5150.000	38.01	33.40	5.28	-30.06	46.63	54	7.37	AV	Vertical
3	5350.000	38.12	33.10	5.41	-30.03	46.60	54	7.40	AV	Vertical
4	5356.050	39.65	33.10	6.67	-30.03	49.39	54	4.61	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:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AX160 MIMO 5250 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

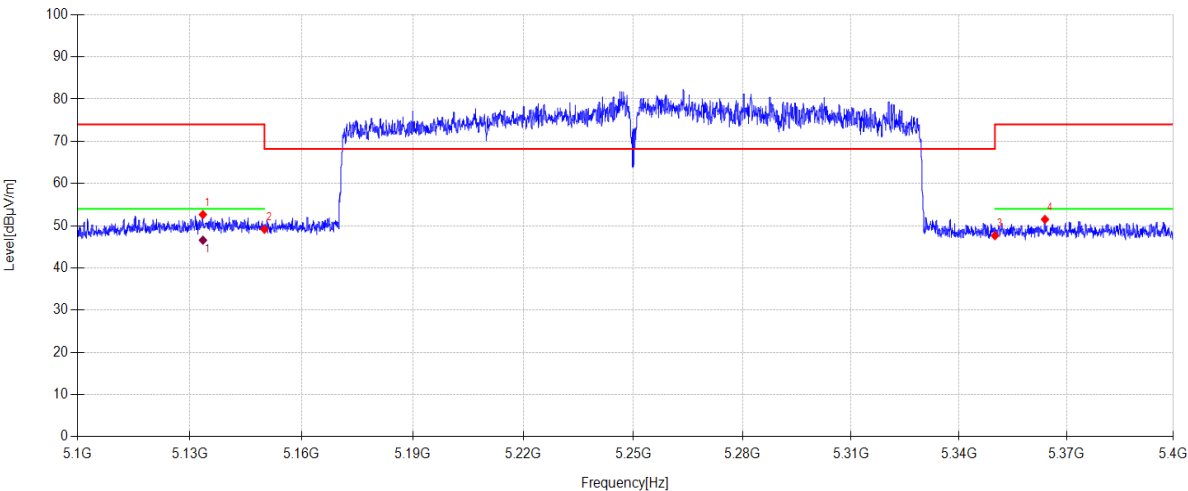
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Memo:

Sample Number:S24052212-002 Power Setting:6

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	5133.510	44.04	33.40	5.27	-30.06	52.65	74.00	21.35	PK	Horizontal
2	5150.000	40.53	33.40	5.28	-30.06	49.15	68.20	19.05	PK	Horizontal
3	5350.000	39.16	33.10	5.41	-30.03	47.64	74.00	26.36	PK	Horizontal
4	5363.970	43.01	33.10	5.42	-30.03	51.50	74.00	22.50	PK	Horizontal

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	5133.510	37.96	33.40	5.27	-30.06	46.57	54	7.43	AV	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AX160 MIMO 5570 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

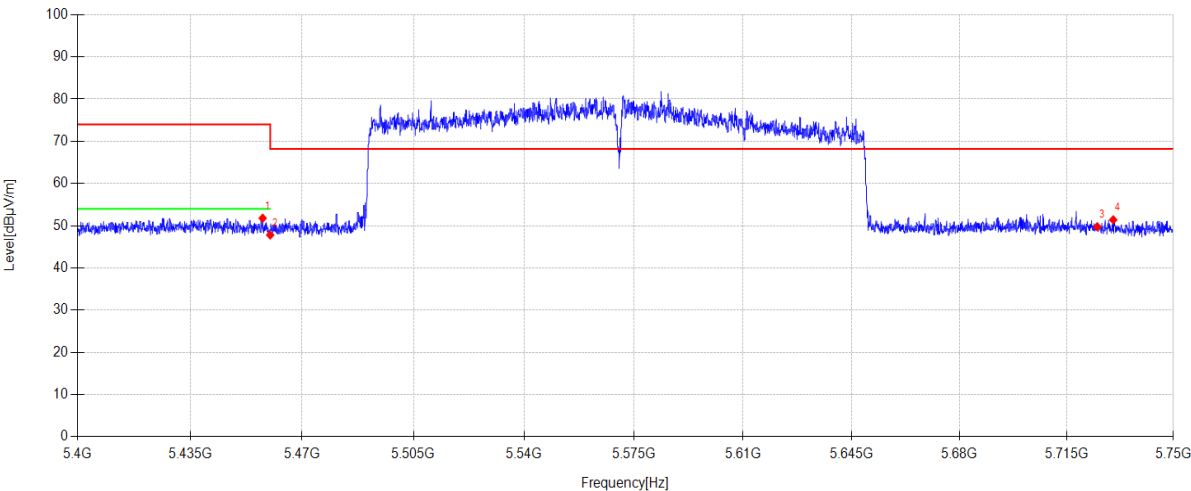
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d:\ts\2024 report data\Q24052212\FCC ABOVE 1G 5G WIFI BIANDA\89

Memo:

Sample Number:S24052212-002 Power Setting:6

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	5457.645	43.33	33.00	5.48	-30.02	51.79	74.00	22.21	PK	Horizontal
2	5460.000	39.34	33.00	5.48	-30.02	47.80	68.20	20.40	PK	Horizontal
3	5725.000	40.34	33.75	5.66	-29.99	49.76	68.20	18.44	PK	Horizontal
4	5730.225	41.96	33.78	5.66	-29.99	51.41	68.20	16.79	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:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AX160 MIMO 5570 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

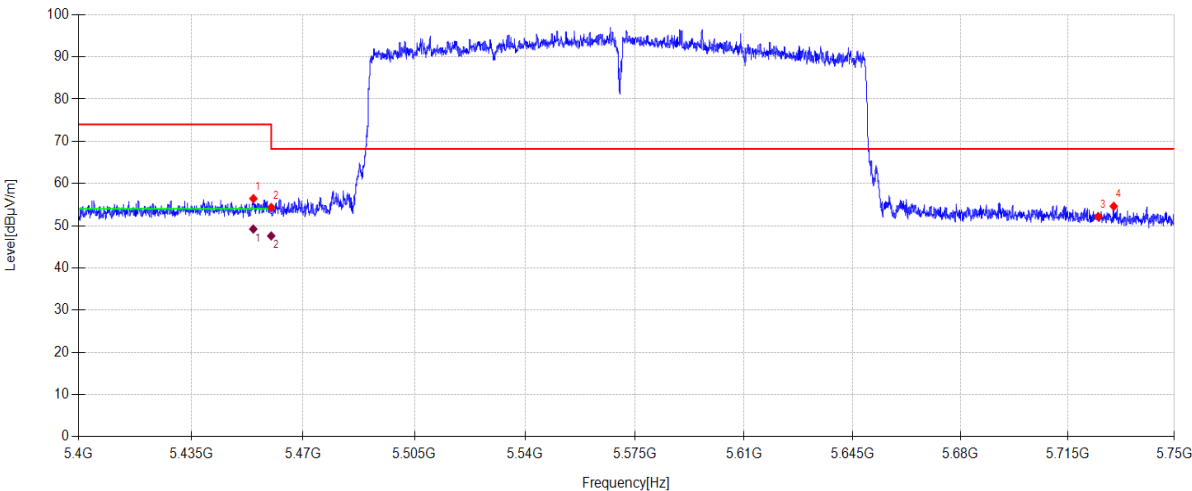
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Memo:

Sample Number:S24052212-002 Power Setting:6

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	5454.425	47.96	33.00	5.48	-30.02	56.42	74.00	17.58	PK	Vertical
2	5460.000	45.89	33.00	5.48	-30.02	54.35	68.20	13.85	PK	Vertical
3	5725.000	42.74	33.75	5.66	-29.99	52.16	68.20	16.04	PK	Vertical
4	5730.085	45.16	33.78	5.66	-29.99	54.61	68.20	13.59	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	5454.403	39.51	33.00	6.72	-30.02	49.21	54	4.79	AV	Vertical
2	5460.000	39.12	33.00	5.48	-30.02	47.58	54	6.42	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:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AC160 MIMO 5570 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

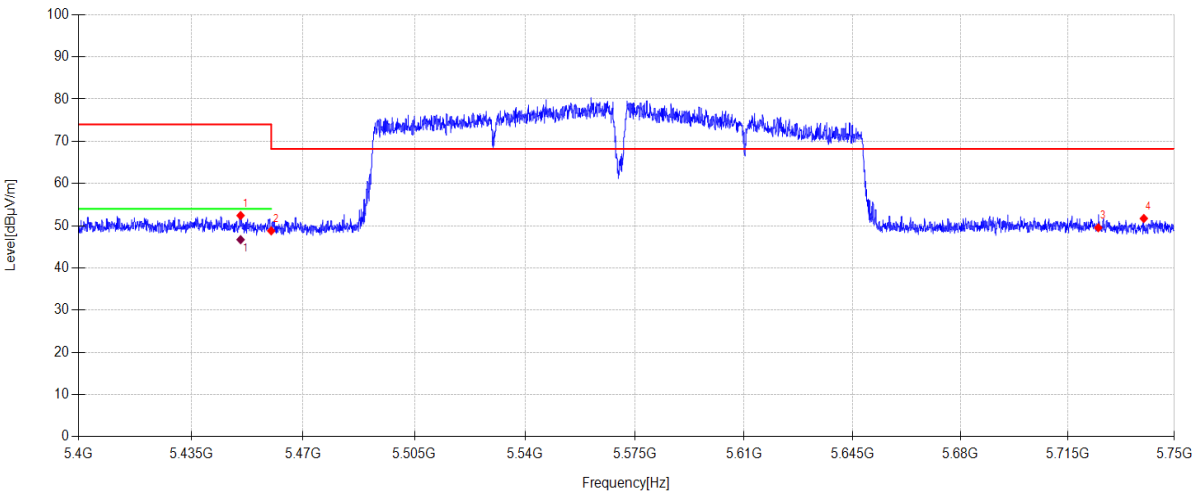
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Memo:

Sample Number:S24052212-002 Power Setting:6

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	5450.435	43.95	33.00	5.48	-30.02	52.41	74.00	21.59	PK	Horizontal
2	5460.000	40.32	33.00	5.48	-30.02	48.78	68.20	19.42	PK	Horizontal
3	5725.000	40.11	33.75	5.66	-29.99	49.53	68.20	18.67	PK	Horizontal
4	5739.955	42.18	33.84	5.67	-29.98	51.71	68.20	16.49	PK	Horizontal

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	5450.435	38.24	33.00	5.48	-30.02	46.70	54	7.30	AV	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AC160 MIMO 5570 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

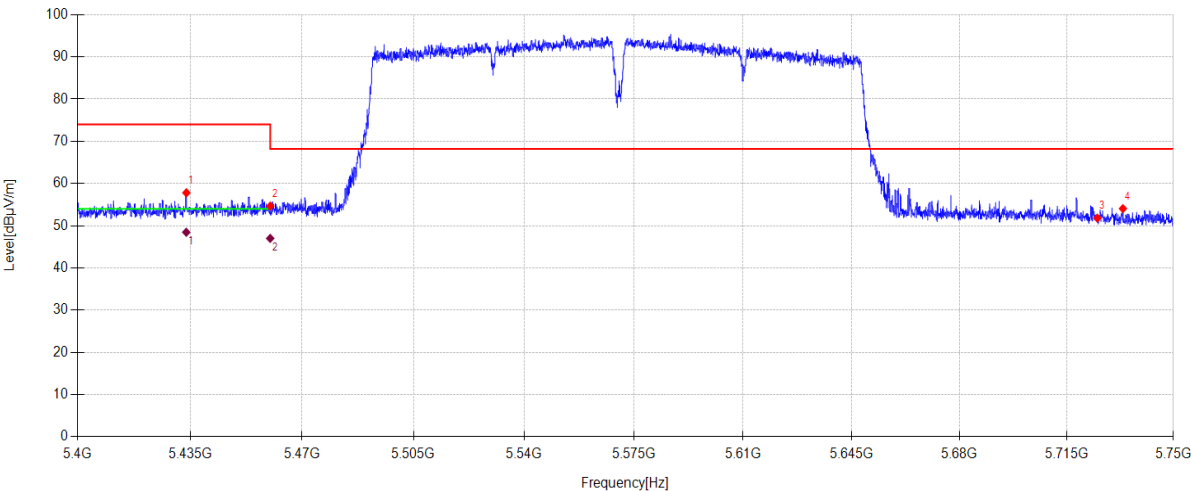
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Memo:

Sample Number:S24052212-002 Power Setting:6

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	5433.845	49.33	33.03	5.47	-30.02	57.81	74.00	16.19	PK	Vertical
2	5460.000	46.20	33.00	5.48	-30.02	54.66	68.20	13.54	PK	Vertical
3	5725.000	42.40	33.75	5.66	-29.99	51.82	68.20	16.38	PK	Vertical
4	5733.410	44.57	33.80	5.66	-29.98	54.05	68.20	14.15	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	5433.804	38.73	33.03	6.71	-30.02	48.45	54	5.55	AV	Vertical
2	5460.000	38.54	33.00	5.48	-30.02	47.00	54	7.00	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:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11A ANT1 5720 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

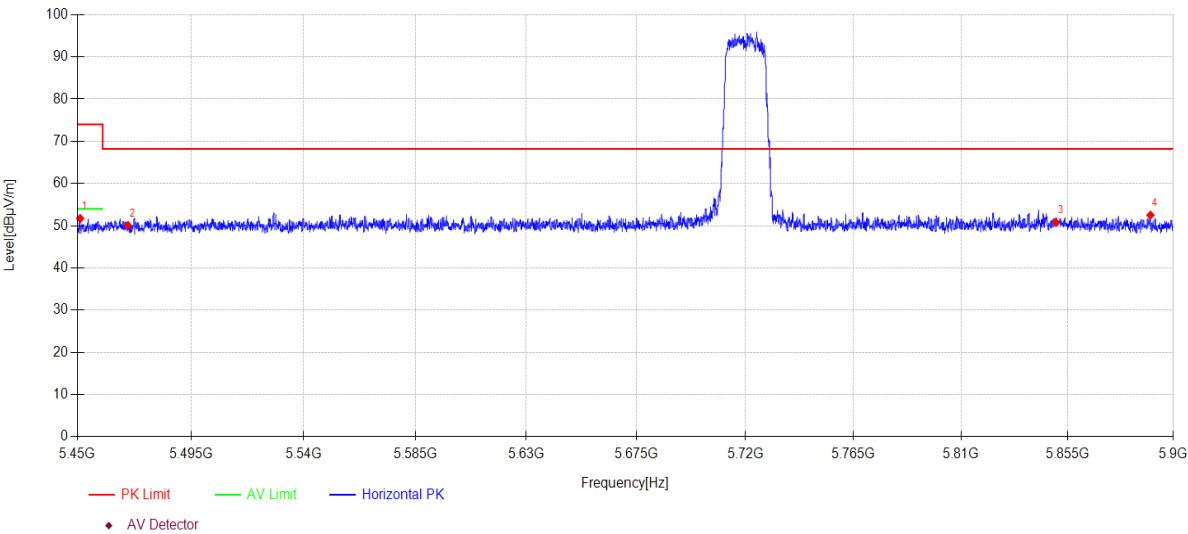
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Memo:

Sample Number:S24052212-002 Power Setting:18

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	5451.125	43.26	33.00	5.48	-30.02	51.72	74.00	22.28	PK	Horizontal
2	5470.000	41.61	33.00	5.49	-30.02	50.08	68.20	18.12	PK	Horizontal
3	5850.000	41.04	34.00	5.74	-29.97	50.81	68.20	17.39	PK	Horizontal
4	5890.235	42.62	34.08	5.77	-29.96	52.51	68.20	15.69	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:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11A ANT1 5720 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

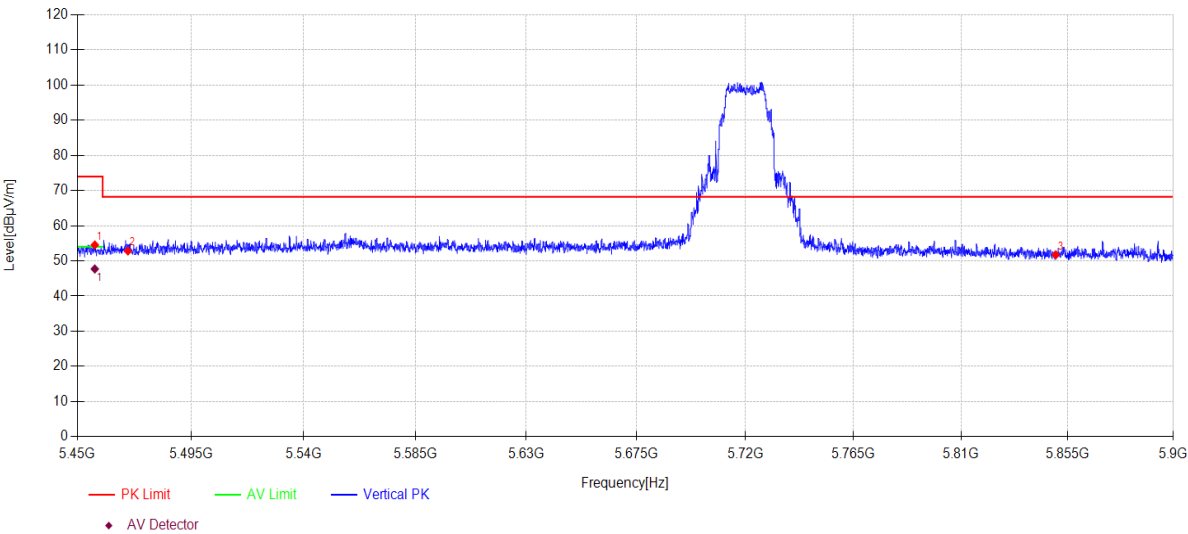
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Memo:

Sample Number:S24052212-002 Power Setting:18

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	5456.885	46.07	33.00	5.48	-30.02	54.53	74.00	19.47	PK	Vertical
2	5470.000	44.35	33.00	5.49	-30.02	52.82	68.20	15.38	PK	Vertical
3	5850.000	41.97	34.00	5.74	-29.97	51.74	68.20	16.46	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	5456.885	39.25	33.00	5.48	-30.02	47.71	54	6.29	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:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11A ANT2 5720 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

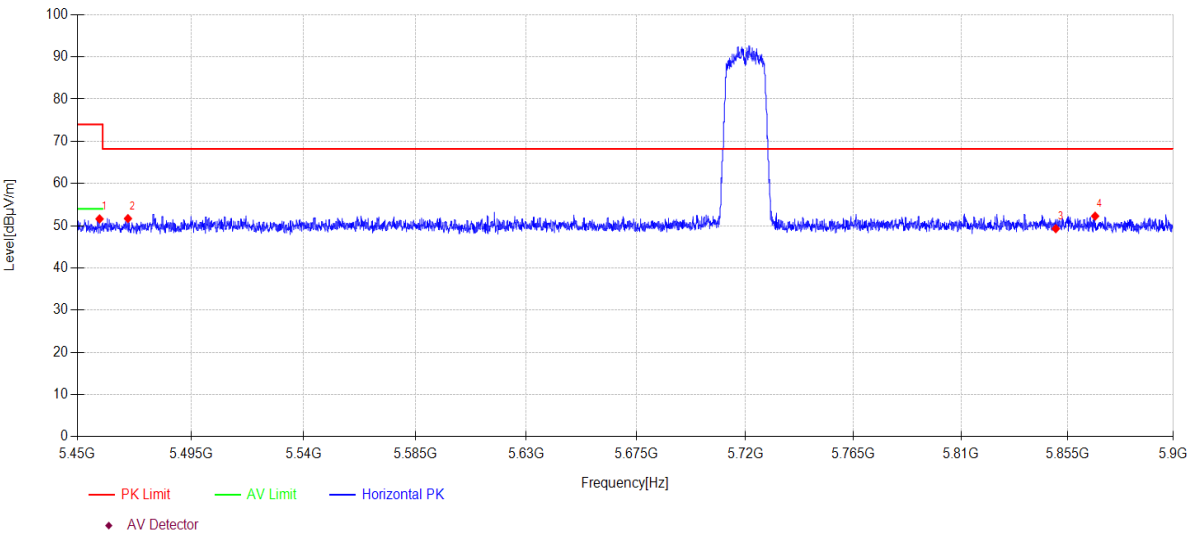
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Memo:

Sample Number:S24052212-002 Power Setting:18

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	5458.775	43.16	33.00	5.48	-30.02	51.62	74.00	22.38	PK	Horizontal
2	5470.000	43.23	33.00	5.49	-30.02	51.70	68.20	16.50	PK	Horizontal
3	5850.000	39.54	34.00	5.74	-29.97	49.31	68.20	18.89	PK	Horizontal
4	5866.700	42.47	34.03	5.75	-29.97	52.28	68.20	15.92	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:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11A ANT2 5720 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

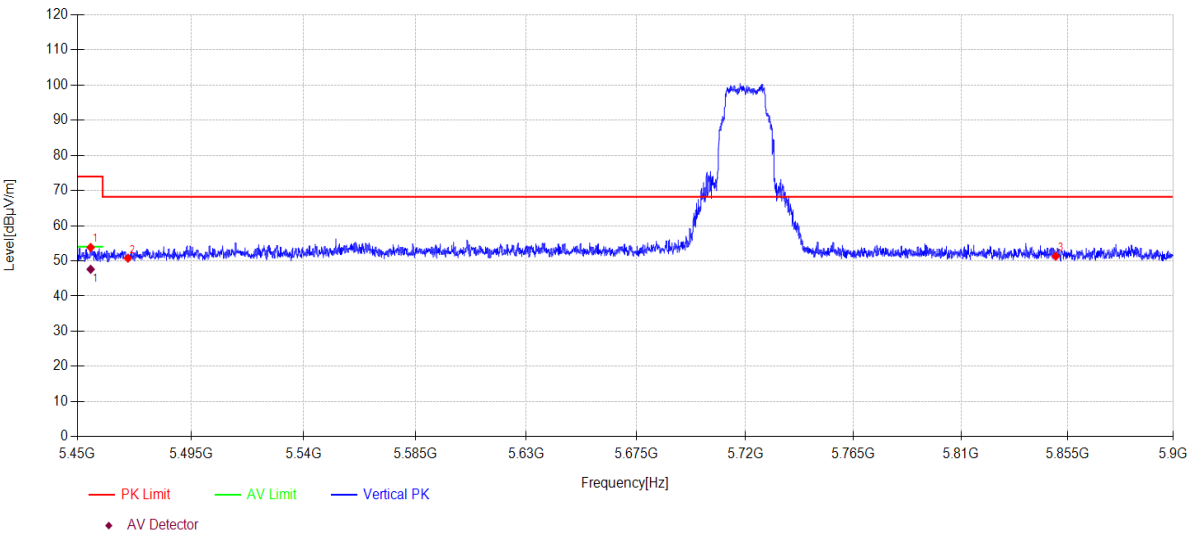
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Memo:

Sample Number:S24052212-002 Power Setting:18

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	5455.265	45.37	33.00	5.48	-30.02	53.83	74.00	20.17	PK	Vertical
2	5470.000	42.29	33.00	5.49	-30.02	50.76	68.20	17.44	PK	Vertical
3	5850.000	41.57	34.00	5.74	-29.97	51.34	68.20	16.86	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	5455.265	39.15	33.00	5.48	-30.02	47.61	54	6.39	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:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11N20 5720 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

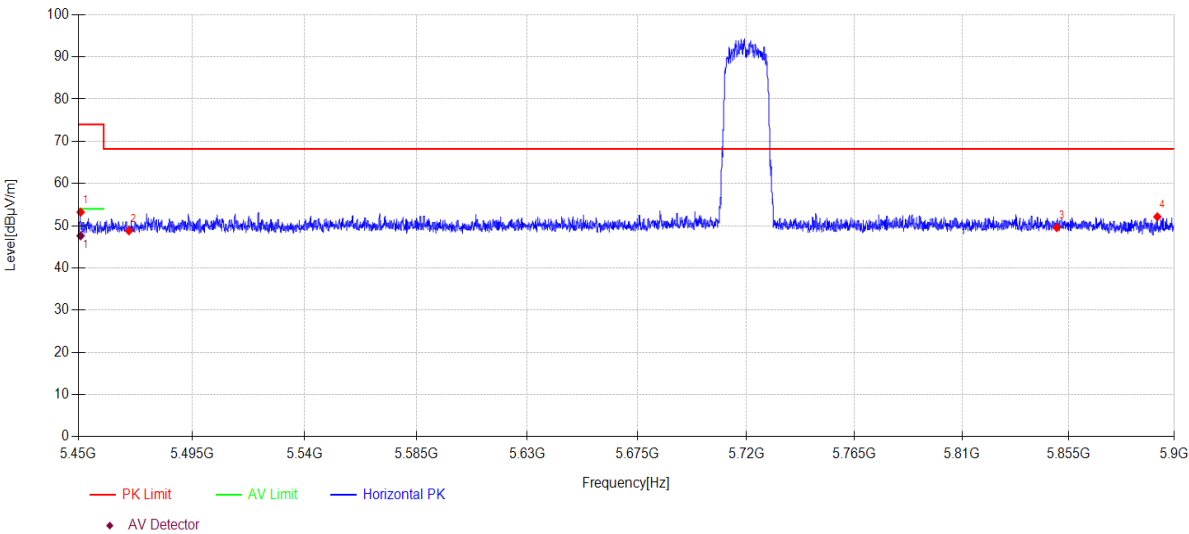
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Memo:

Sample Number:S24052212-002 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	5450.900	44.75	33.00	5.48	-30.02	53.21	74.00	20.79	PK	Horizontal
2	5470.000	40.33	33.00	5.49	-30.02	48.80	68.20	19.40	PK	Horizontal
3	5850.000	39.79	34.00	5.74	-29.97	49.56	68.20	18.64	PK	Horizontal
4	5892.755	42.21	34.09	5.77	-29.96	52.11	68.20	16.09	PK	Horizontal

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	5450.900	39.15	33.00	5.48	-30.02	47.61	54	6.39	AV	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11N20 5720 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

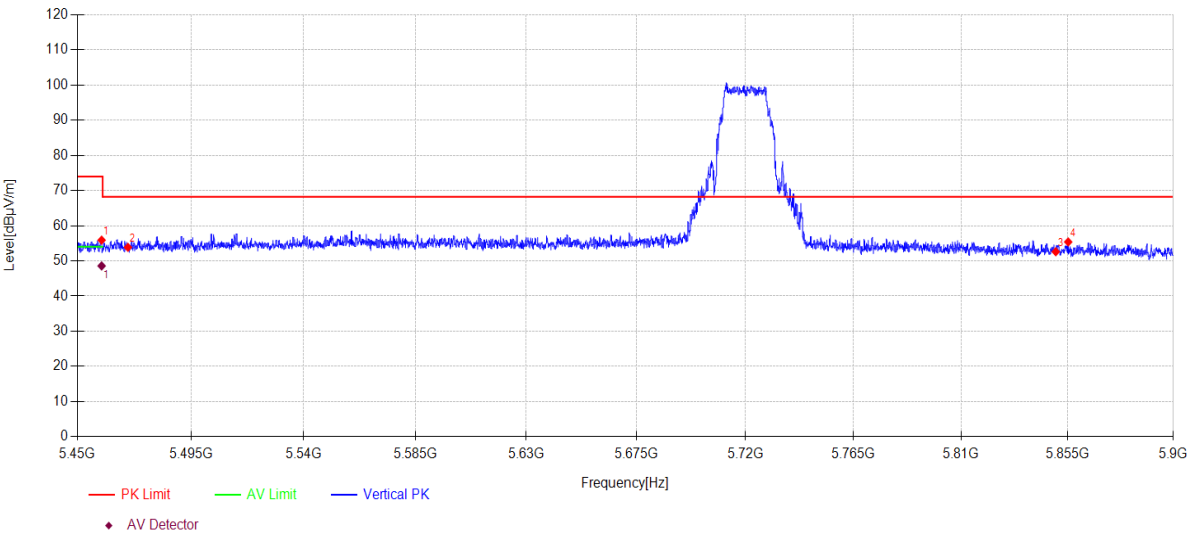
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Memo:

Sample Number:S24052212-002 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	5459.585	47.45	33.00	5.48	-30.02	55.91	74.00	18.09	PK	Vertical
2	5470.000	45.39	33.00	5.49	-30.02	53.86	68.20	14.34	PK	Vertical
3	5850.000	42.84	34.00	5.74	-29.97	52.61	68.20	15.59	PK	Vertical
4	5855.270	45.61	34.01	5.74	-29.97	55.39	68.20	12.81	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	5459.585	40.12	33.00	5.48	-30.02	48.58	54	5.42	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:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AC20 5720 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

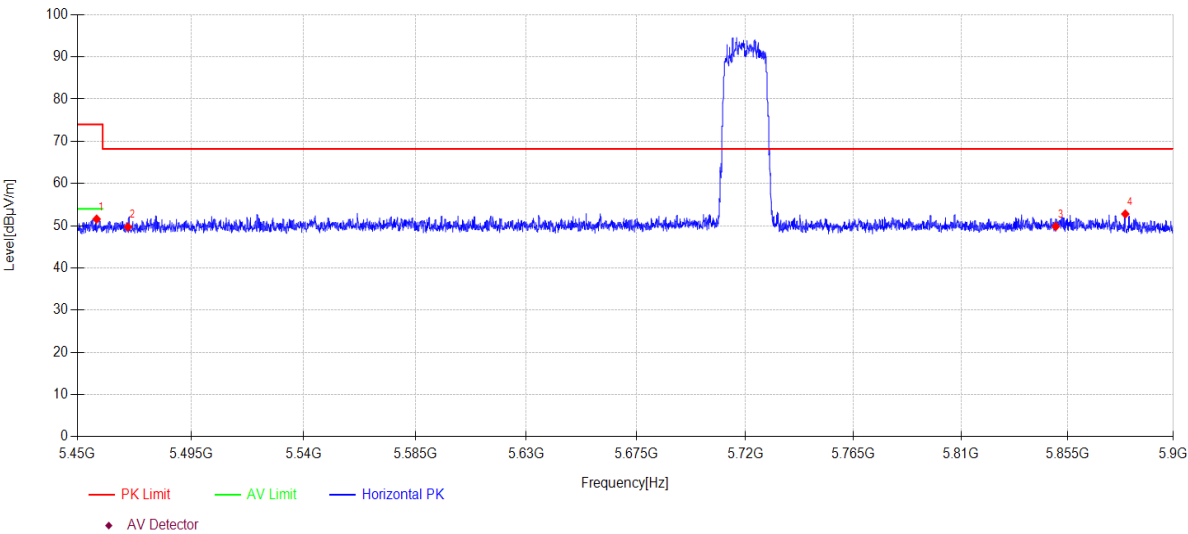
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Memo:

Sample Number:S24052212-002 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	5457.605	43.11	33.00	5.48	-30.02	51.57	74.00	22.43	PK	Horizontal
2	5470.000	41.25	33.00	5.49	-30.02	49.72	68.20	18.48	PK	Horizontal
3	5850.000	40.07	34.00	5.74	-29.97	49.84	68.20	18.36	PK	Horizontal
4	5879.525	42.93	34.06	5.76	-29.97	52.78	68.20	15.42	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AC20 5720 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

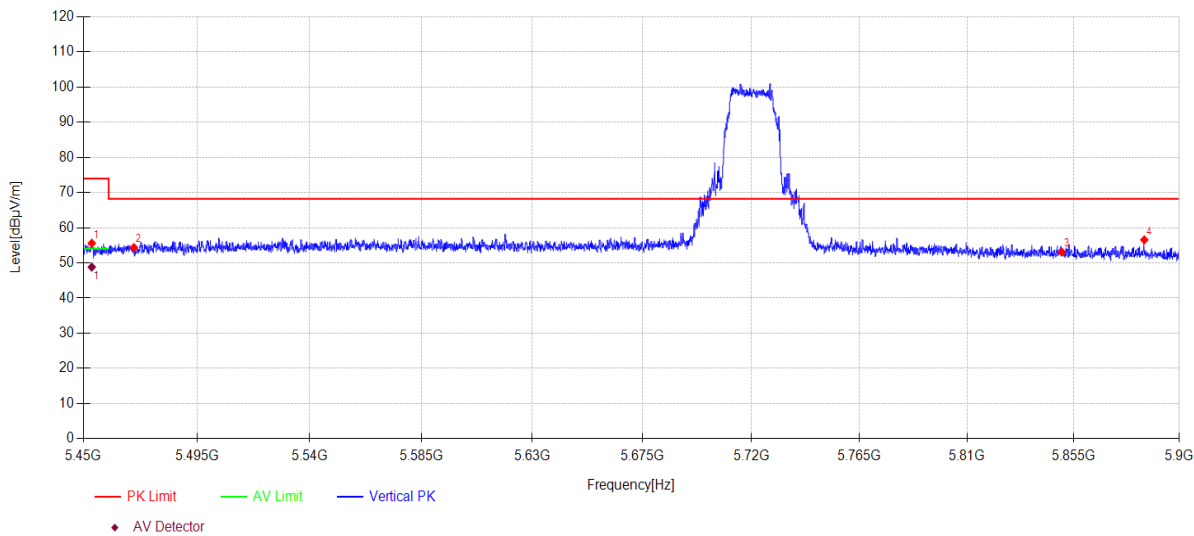
File Path:

d:\ts\2024 report data\Q24052212\FCC ABOVE 1G 5G KUAYUE18

Memo:

Sample Number:S24052212-002 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	5453.330	47.12	33.00	5.48	-30.02	55.58	74.00	18.42	PK	Vertical
2	5470.000	45.89	33.00	5.49	-30.02	54.36	68.20	13.84	PK	Vertical
3	5850.000	43.31	34.00	5.74	-29.97	53.08	68.20	15.12	PK	Vertical
4	5885.060	46.68	34.07	5.76	-29.96	56.55	68.20	11.65	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	5453.330	40.36	33.00	5.48	-30.02	48.82	54	5.18	AV	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AX20 5720 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

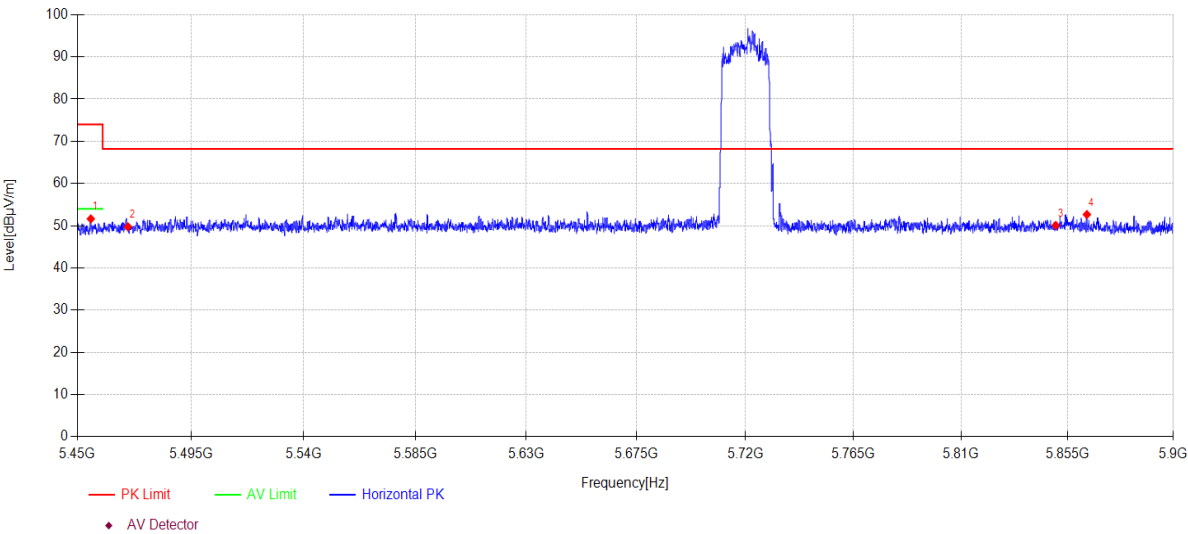
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d:\ts\2024 report data\Q24052212\FCC ABOVE 1G 5G KUAYUEI9

Memo:

Sample Number:S24052212-002 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	5455.310	43.17	33.00	5.48	-30.02	51.63	74.00	22.37	PK	Horizontal
2	5470.000	41.26	33.00	5.49	-30.02	49.73	68.20	18.47	PK	Horizontal
3	5850.000	40.30	34.00	5.74	-29.97	50.07	68.20	18.13	PK	Horizontal
4	5863.190	42.85	34.03	5.75	-29.97	52.66	68.20	15.54	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:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AX20 5720 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

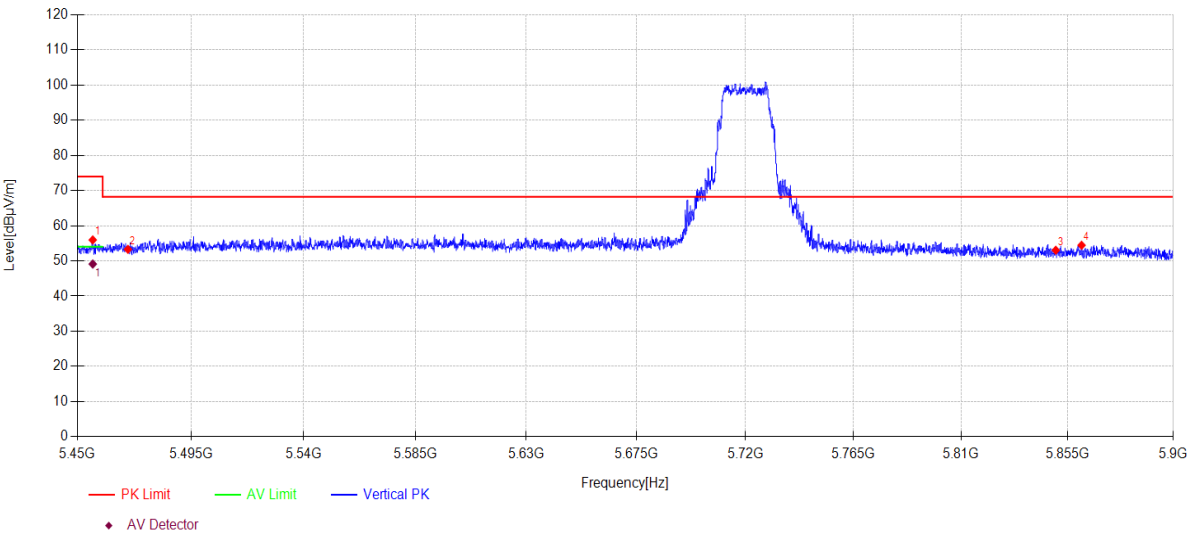
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Memo:

Sample Number:S24052212-002 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	5456.075	47.50	33.00	5.48	-30.02	55.96	74.00	18.04	PK	Vertical
2	5470.000	44.82	33.00	5.49	-30.02	53.29	68.20	14.91	PK	Vertical
3	5850.000	43.27	34.00	5.74	-29.97	53.04	68.20	15.16	PK	Vertical
4	5860.940	44.65	34.02	5.75	-29.97	54.45	68.20	13.75	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	5456.075	40.65	33.00	5.48	-30.02	49.11	54	4.89	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:

2024-07-12

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11N40 5710 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

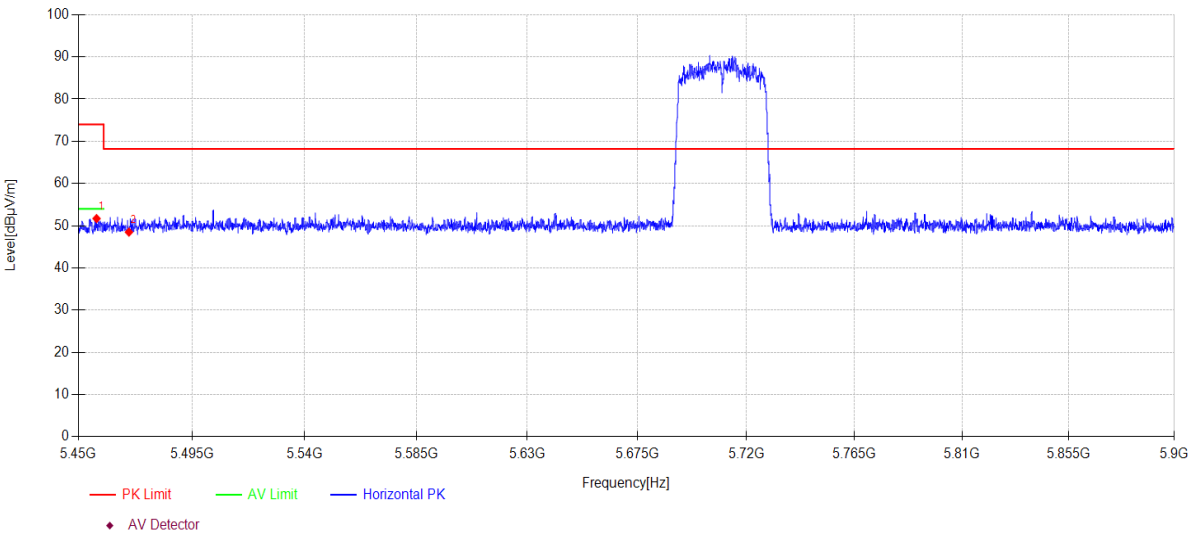
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Memo:

Sample Number:S24052212-002 Power Setting:8

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	43.24	33.00	5.48	-30.02	51.70	74.00	22.30	PK	Horizontal
2	5470.000	40.02	33.00	5.49	-30.02	48.49	68.20	19.71	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:

2024-07-12

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11N40 5710 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

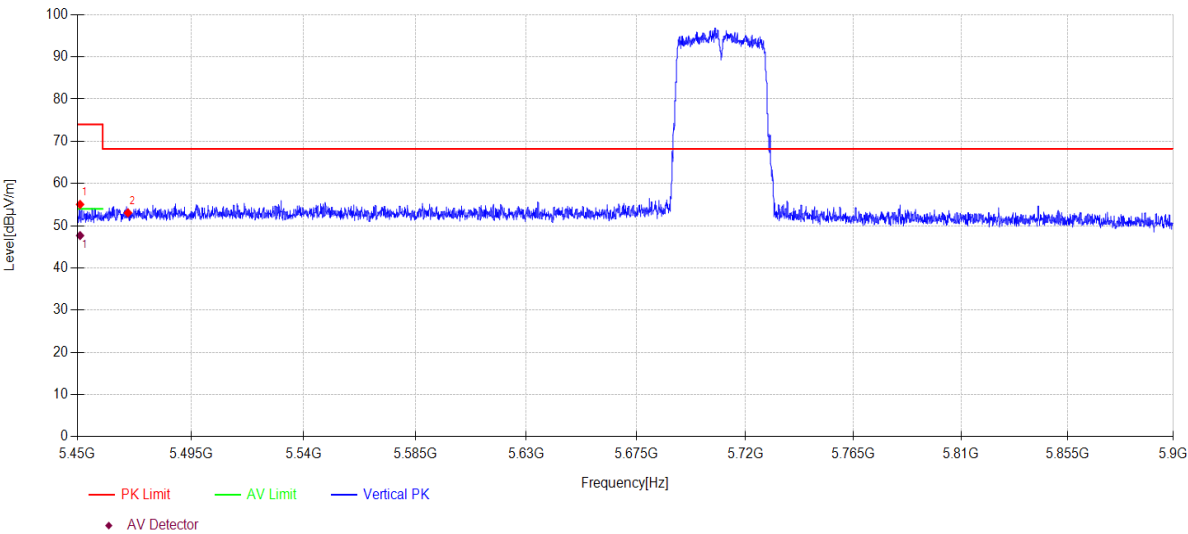
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Memo:

Sample Number:S24052212-002 Power Setting:8

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	5451.080	46.59	33.00	5.48	-30.02	55.05	74.00	18.95	PK	Vertical
2	5470.000	44.59	33.00	5.49	-30.02	53.06	68.20	15.14	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	5451.080	39.21	33.00	5.48	-30.02	47.67	54.0	6.33	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:

2024-07-12

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AC40 5710 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

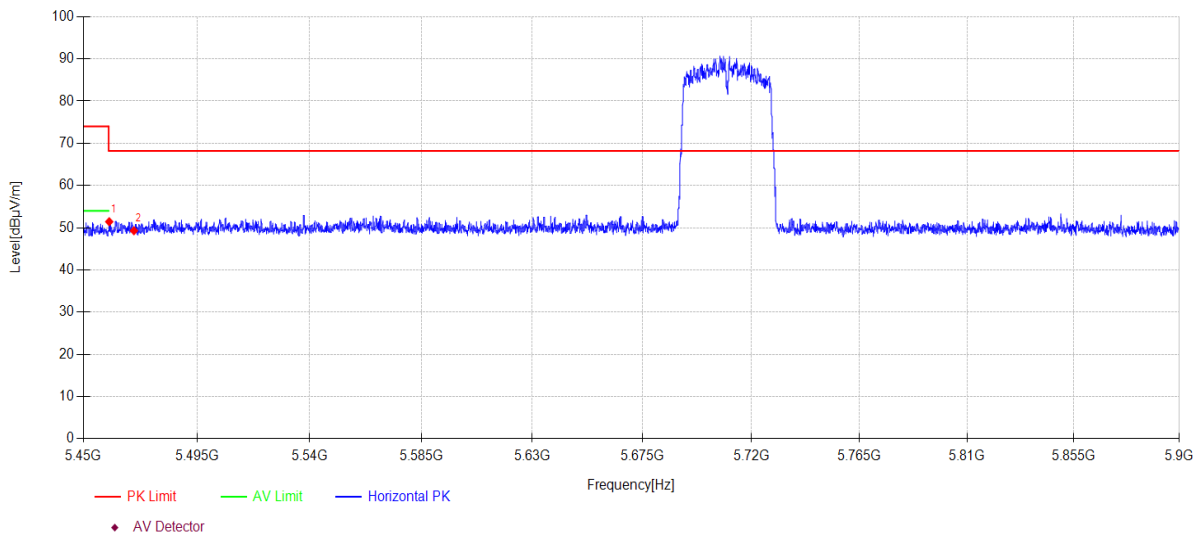
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Memo:

Sample Number:S24052212-002 Power Setting:8

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	5460.215	42.97	33.00	5.48	-30.02	51.43	68.20	16.77	PK	Horizontal
2	5470.000	40.82	33.00	5.49	-30.02	49.29	68.20	18.91	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:

2024-07-12

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AC40 5710 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

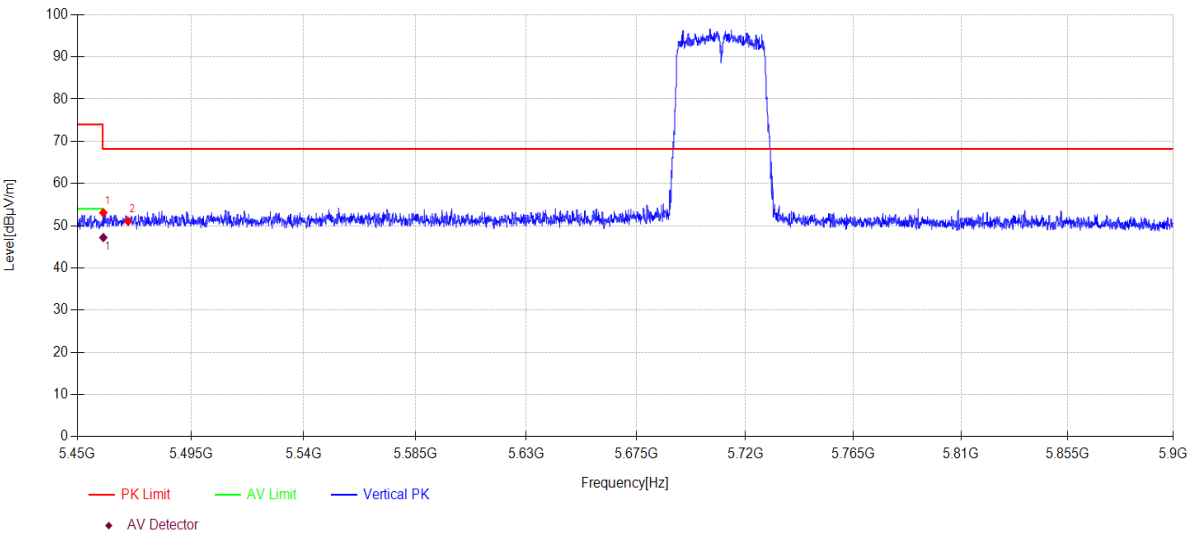
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Memo:

Sample Number:S24052212-002 Power Setting:8

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	5460.260	44.62	33.00	5.48	-30.02	53.08	68.20	15.12	PK	Vertical
2	5470.000	42.60	33.00	5.49	-30.02	51.07	68.20	17.13	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	5460.260	38.74	33.00	5.48	-30.02	47.20	54.0	6.80	AV	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AX40 5710 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

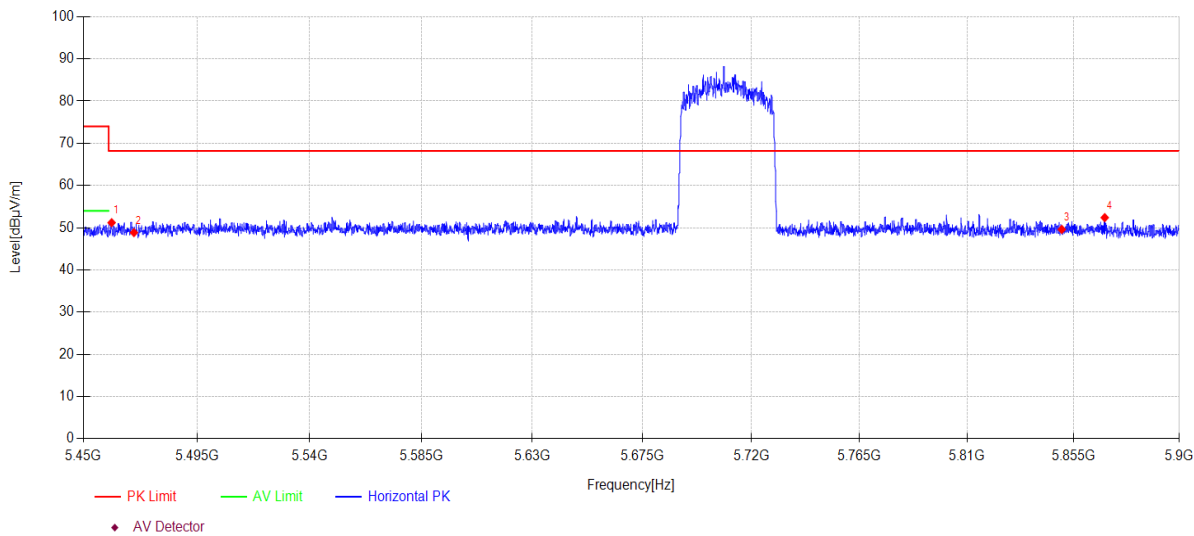
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Memo:

Sample Number:S24052212-002 Power Setting:8

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	5461.160	42.74	33.00	5.48	-30.02	51.20	68.20	17.00	PK	Horizontal
2	5470.000	40.37	33.00	5.49	-30.02	48.84	68.20	19.36	PK	Horizontal
3	5850.000	39.83	34.00	5.74	-29.97	49.60	68.20	18.60	PK	Horizontal
4	5868.230	42.58	34.04	5.75	-29.97	52.40	68.20	15.80	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:

2024-07-11

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AX40 5710 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

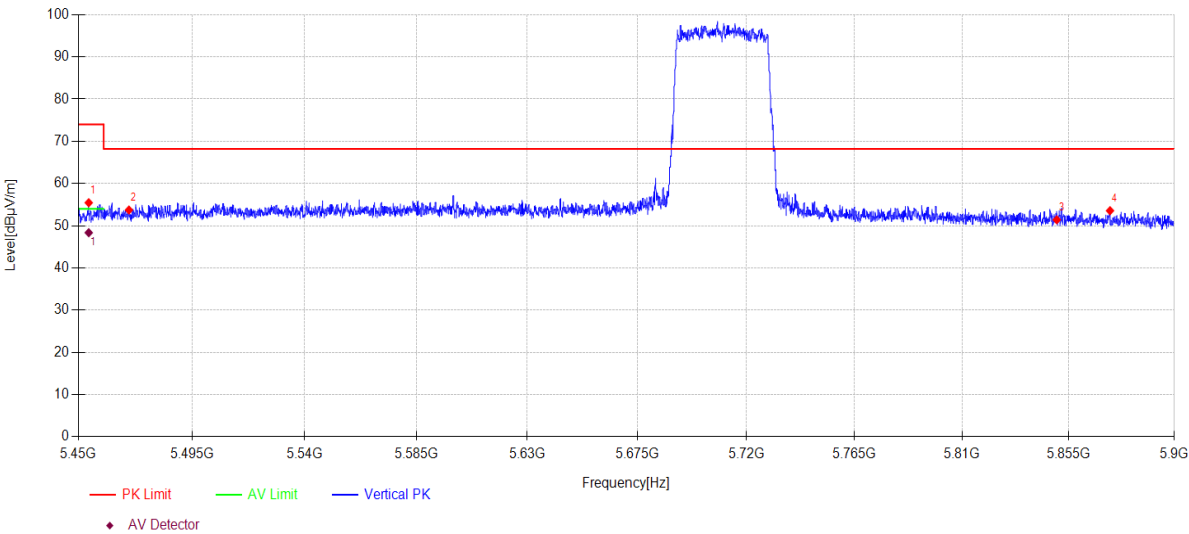
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Memo:

Sample Number:S24052212-002 Power Setting:8

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	5454.095	46.99	33.00	5.48	-30.02	55.45	74.00	18.55	PK	Vertical
2	5470.000	45.26	33.00	5.49	-30.02	53.73	68.20	14.47	PK	Vertical
3	5850.000	41.64	34.00	5.74	-29.97	51.41	68.20	16.79	PK	Vertical
4	5872.595	43.72	34.05	5.76	-29.97	53.56	68.20	14.64	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	5454.095	39.89	33.00	5.48	-30.02	48.35	54	5.65	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:

2024-07-12

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AC80 5690 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

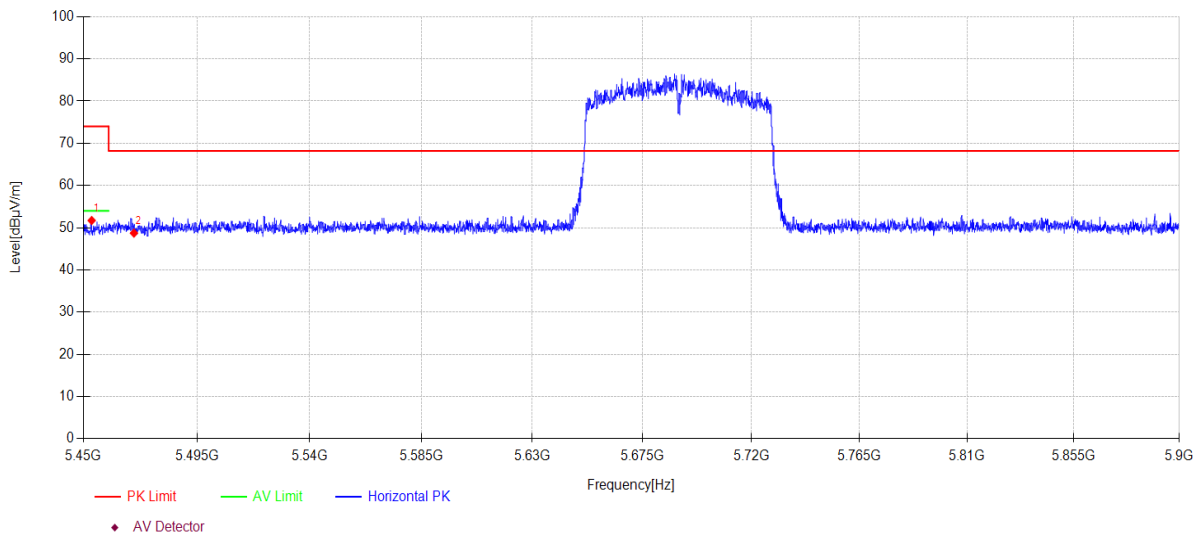
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Memo:

Sample Number:S24052212-002 Power Setting:6

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	5453.285	43.25	33.00	5.48	-30.02	51.71	74.00	22.29	PK	Horizontal
2	5470.000	40.25	33.00	5.49	-30.02	48.72	68.20	19.48	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:

2024-07-12

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AC80 5690 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

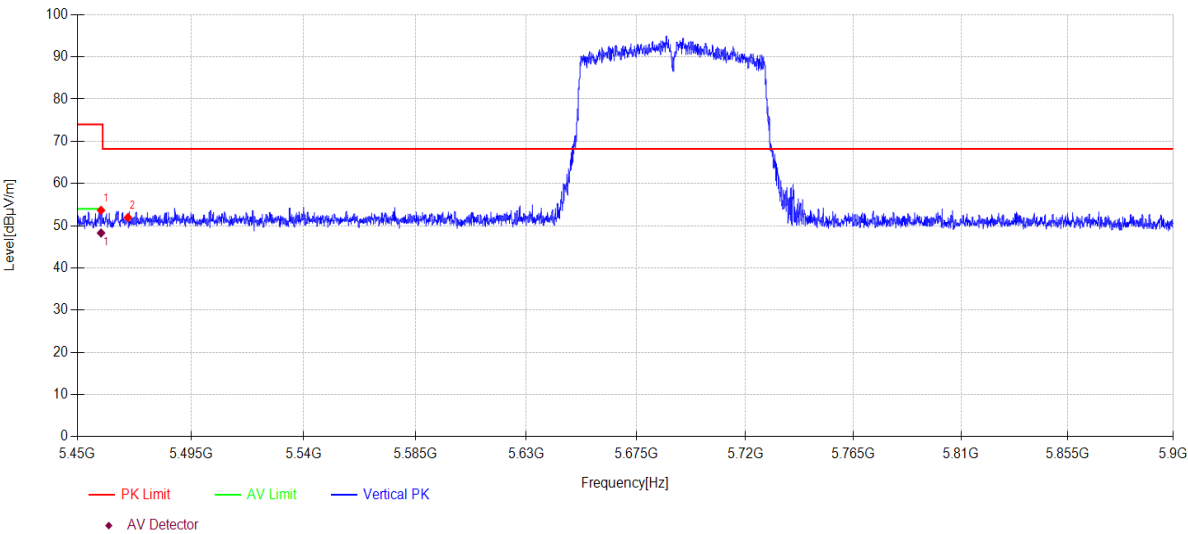
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Memo:

Sample Number:S24052212-002 Power Setting:6

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	5459.360	45.20	33.00	5.48	-30.02	53.66	74.00	20.34	PK	Vertical
2	5470.000	43.48	33.00	5.49	-30.02	51.95	68.20	16.25	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	5459.360	39.82	33.00	5.48	-30.02	48.28	54.0	5.72	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:

2024-07-12

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AX80 5690 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

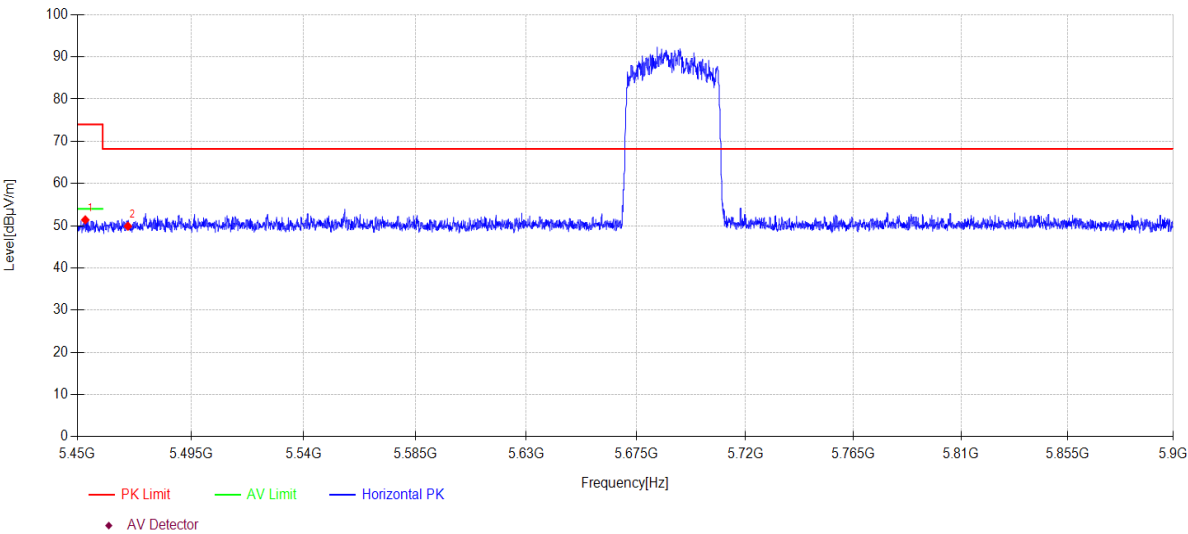
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Memo:

Sample Number:S24052212-002 Power Setting:6

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	5453.150	42.93	33.00	5.48	-30.02	51.39	74.00	22.61	PK	Horizontal
2	5470.000	41.42	33.00	5.49	-30.02	49.89	68.20	18.31	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:

2024-07-12

Tested By:

Johnson Huang

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11AX80 5690 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

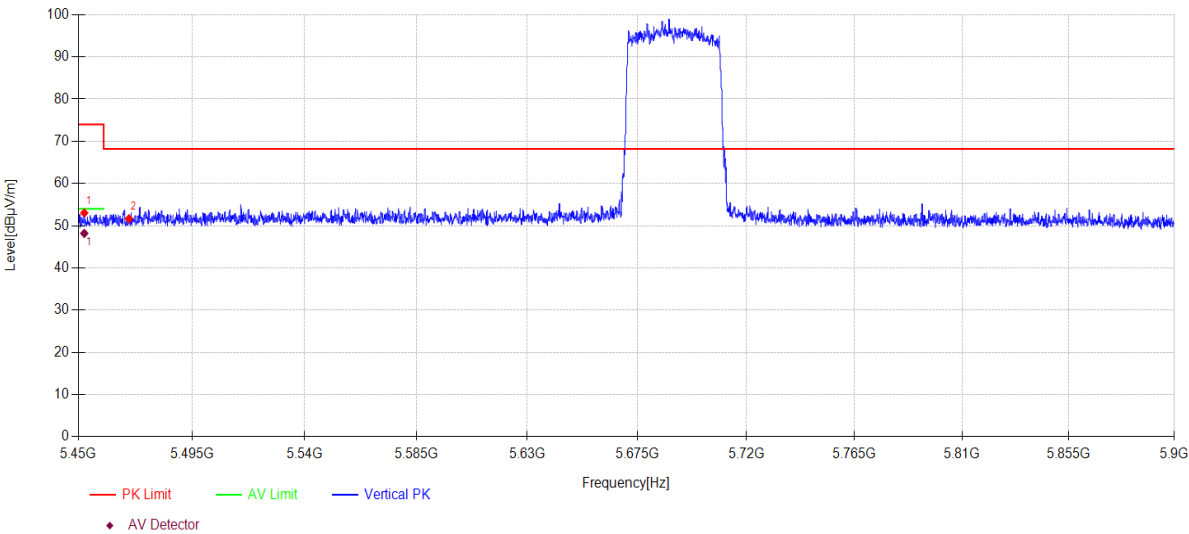
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Memo:

Sample Number:S24052212-002 Power Setting:6

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	5452.340	44.57	33.00	5.48	-30.02	53.03	74.00	20.97	PK	Vertical
2	5470.000	43.18	33.00	5.49	-30.02	51.65	68.20	16.55	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	5452.340	39.72	33.00	5.48	-30.02	48.18	54.0	5.82	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11A ANT1 5745 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

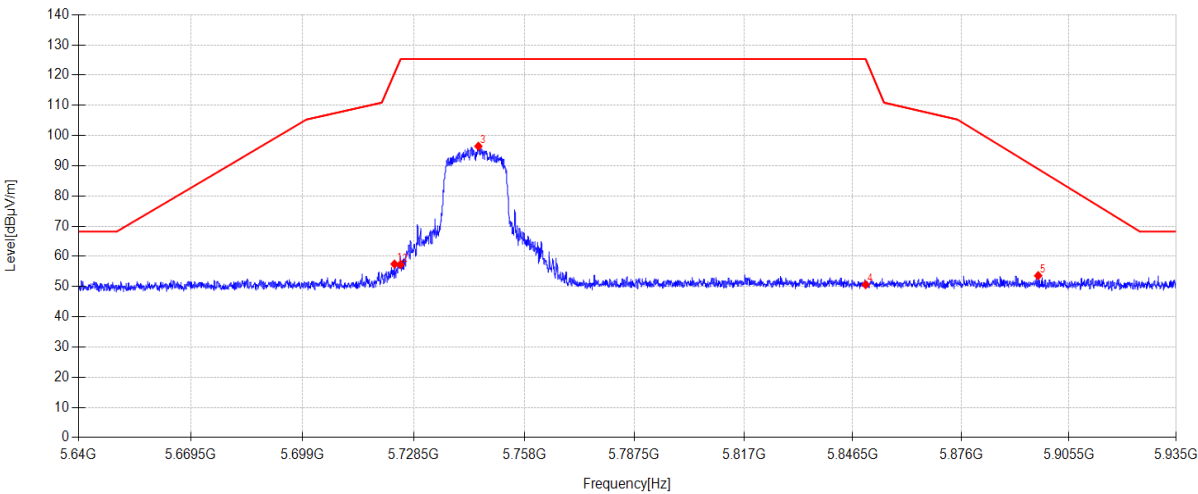
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Memo:

Sample Number:S24052212-002 Power Setting:23

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.397	47.83	33.74	5.87	-29.99	57.45	120.68	63.23	PK	Horizontal
2	5725.000	47.67	33.75	5.87	-29.99	57.30	125.30	68.00	PK	Horizontal
3	5745.728	86.70	33.87	5.88	-29.98	96.47	125.30	28.83	PK	Horizontal
4	5850.000	40.67	34.00	5.94	-29.97	50.64	125.27	74.63	PK	Horizontal
5	5897.063	43.52	34.09	5.96	-29.96	53.61	88.93	35.32	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11A ANT1 5745 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

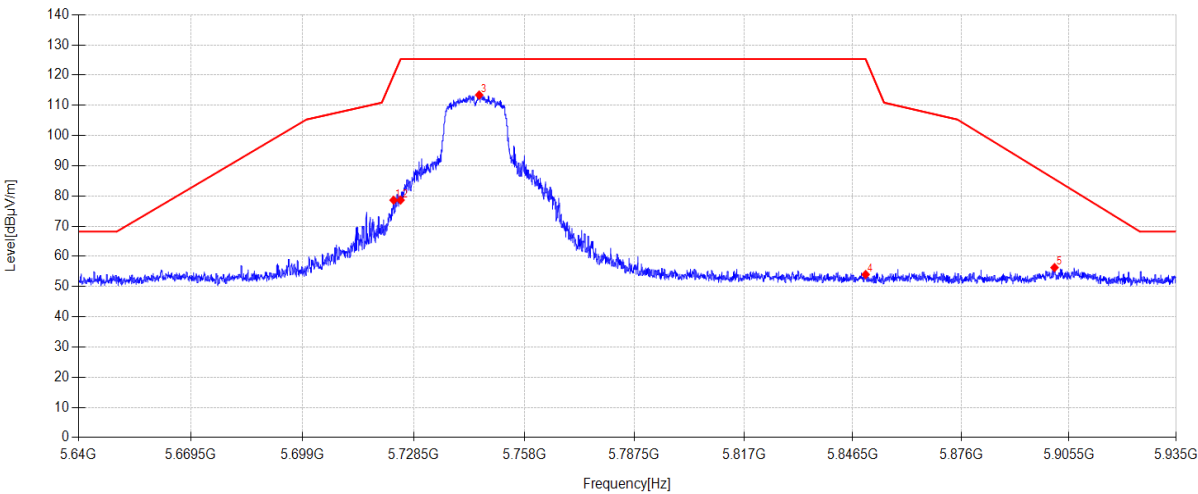
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Memo:

Sample Number:S24052212-002 Power Setting:23

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.131	68.99	33.74	5.87	-29.99	78.61	119.92	41.31	PK	Vertical
2	5725.000	69.00	33.75	5.87	-29.99	78.63	125.30	46.67	PK	Vertical
3	5745.935	103.64	33.88	5.88	-29.98	113.42	125.30	11.88	PK	Vertical
4	5850.000	44.03	34.00	5.94	-29.97	54.00	125.27	71.27	PK	Vertical
5	5901.547	46.19	34.10	5.96	-29.96	56.29	85.60	29.31	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11A ANT1 5785 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

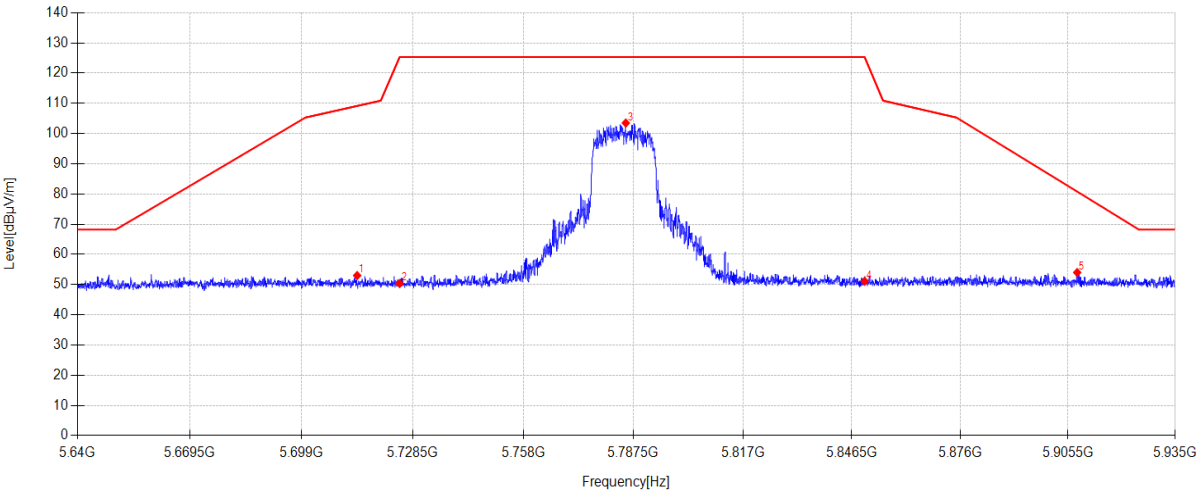
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d:\ts\2024 report data\Q24052212\0729 FCC ABOVE1G 5G MASK\32

Memo:

Sample Number:S24052212-002 Power Setting:23

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	5713.721	43.44	33.68	5.87	-29.99	53.00	109.14	56.14	PK	Horizontal
2	5725.000	40.71	33.75	5.87	-29.99	50.34	125.30	74.96	PK	Horizontal
3	5785.465	93.46	34.11	5.90	-29.98	103.49	125.30	21.81	PK	Horizontal
4	5850.000	41.12	34.00	5.94	-29.97	51.09	125.27	74.18	PK	Horizontal
5	5908.037	43.88	34.12	5.96	-29.96	54.00	80.79	26.79	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11A ANT1 5785 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

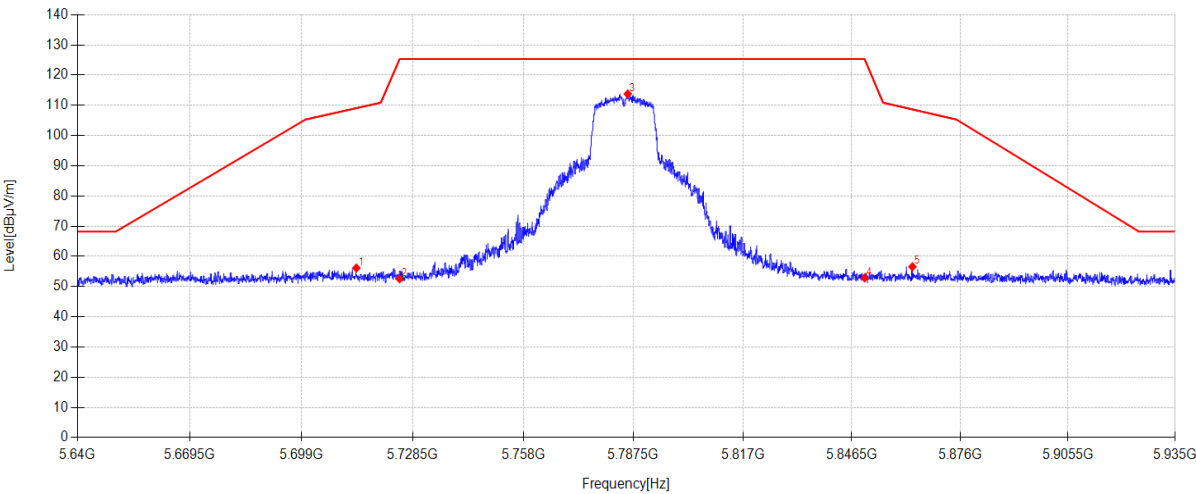
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d:\ts\2024 report data\Q24052212\0729 FCC ABOVE1G 5G MASK\33

Memo:

Sample Number:S24052212-002 Power Setting:23

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	5713.514	46.58	33.68	5.87	-29.99	56.14	109.08	52.94	PK	Vertical
2	5725.000	42.97	33.75	5.87	-29.99	52.60	125.30	72.70	PK	Vertical
3	5785.996	103.75	34.12	5.90	-29.98	113.79	125.30	11.51	PK	Vertical
4	5850.000	42.92	34.00	5.94	-29.97	52.89	125.27	72.38	PK	Vertical
5	5862.991	46.56	34.03	5.94	-29.97	56.56	108.66	52.10	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11A ANT1 5825 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

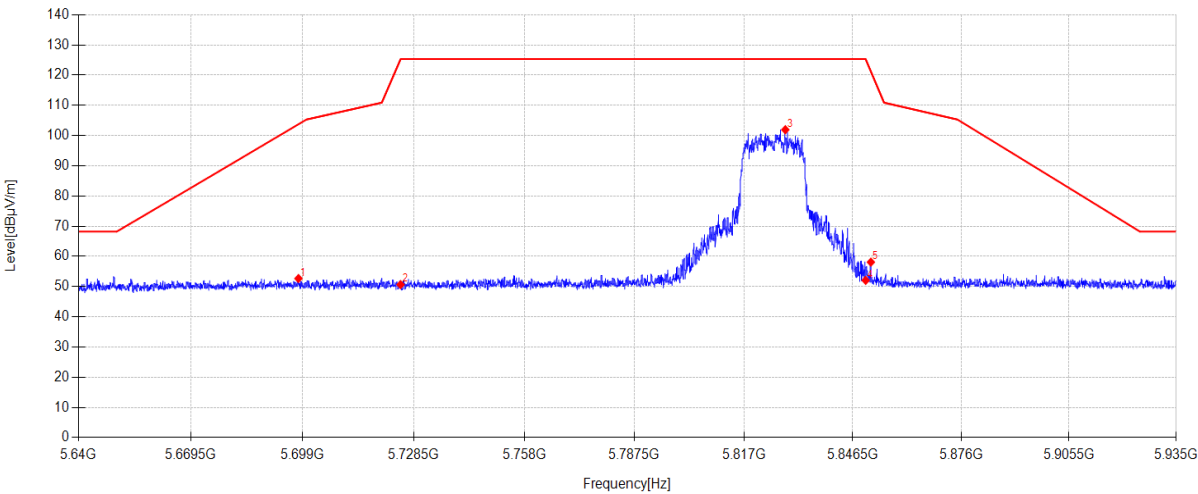
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Memo:

Sample Number:S24052212-002 Power Setting:23

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5697.909	43.21	33.59	5.86	-29.99	52.67	103.75	51.08	PK	Horizontal
2	5725.000	41.03	33.75	5.87	-29.99	50.66	125.30	74.64	PK	Horizontal
3	5828.210	91.89	34.09	5.92	-29.97	101.93	125.30	23.37	PK	Horizontal
4	5850.000	42.09	34.00	5.94	-29.97	52.06	125.27	73.21	PK	Horizontal
5	5851.427	48.12	34.00	5.94	-29.97	58.09	121.19	63.10	PK	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11A ANT1 5825 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

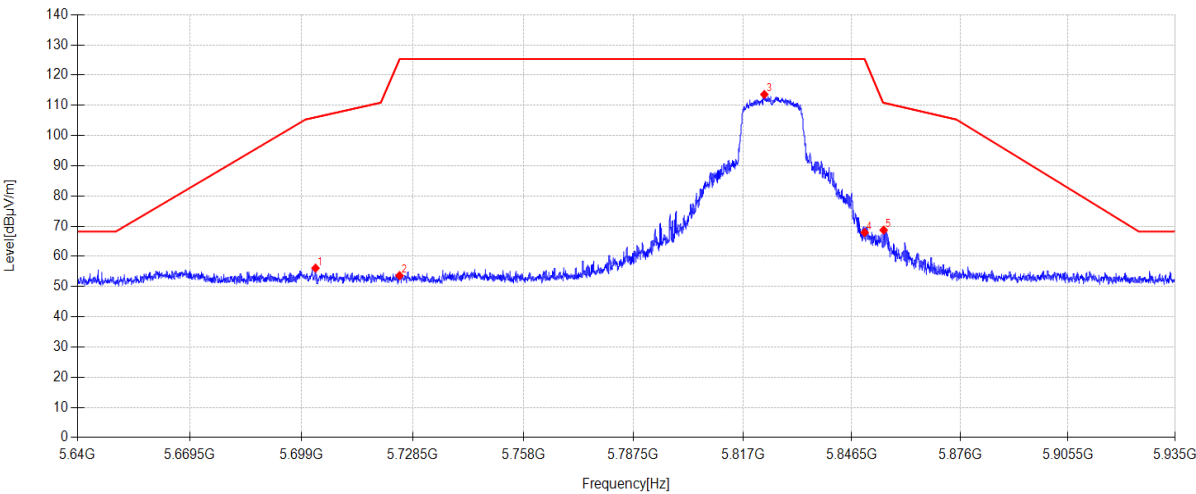
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Memo:

Sample Number:S24052212-002 Power Setting:23

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	5702.688	46.62	33.62	5.86	-29.99	56.11	106.05	49.94	PK	Vertical
2	5725.000	43.99	33.75	5.87	-29.99	53.62	125.30	71.68	PK	Vertical
3	5822.812	103.55	34.11	5.92	-29.97	113.61	125.30	11.69	PK	Vertical
4	5850.000	57.92	34.00	5.94	-29.97	67.89	125.27	57.38	PK	Vertical
5	5855.173	58.71	34.01	5.94	-29.97	68.69	110.85	42.16	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11A ANT2 5825 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

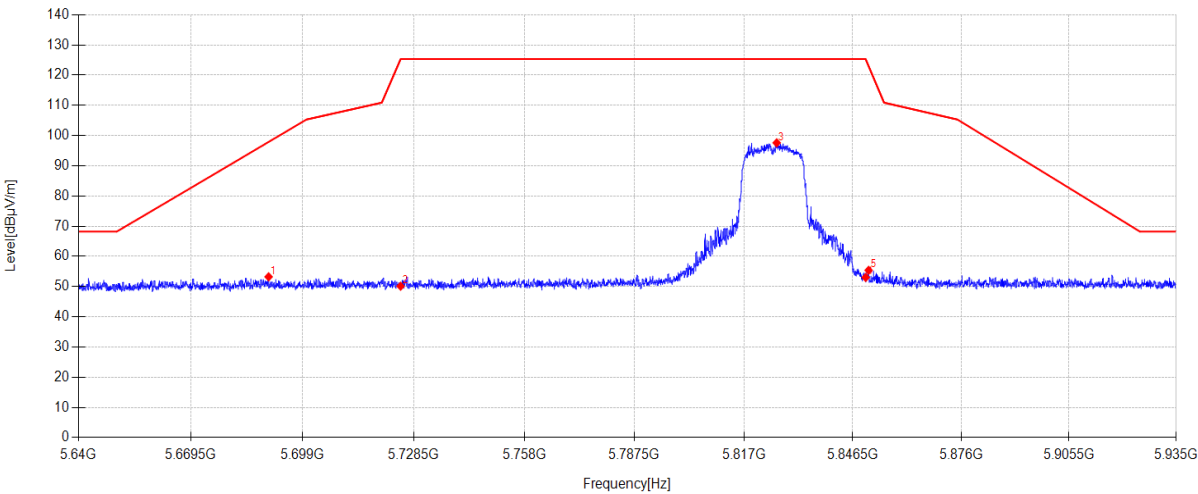
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Memo:

Sample Number:S24052212-002 Power Setting:23

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	5690.003	43.80	33.56	5.86	-29.99	53.23	97.88	44.65	PK	Horizontal
2	5725.000	40.49	33.75	5.87	-29.99	50.12	125.30	75.18	PK	Horizontal
3	5825.880	87.55	34.10	5.92	-29.97	97.60	125.30	27.70	PK	Horizontal
4	5850.000	43.06	34.00	5.94	-29.97	53.03	125.27	72.24	PK	Horizontal
5	5850.807	45.42	34.00	5.94	-29.97	55.39	122.98	67.59	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11A ANT2 5825 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

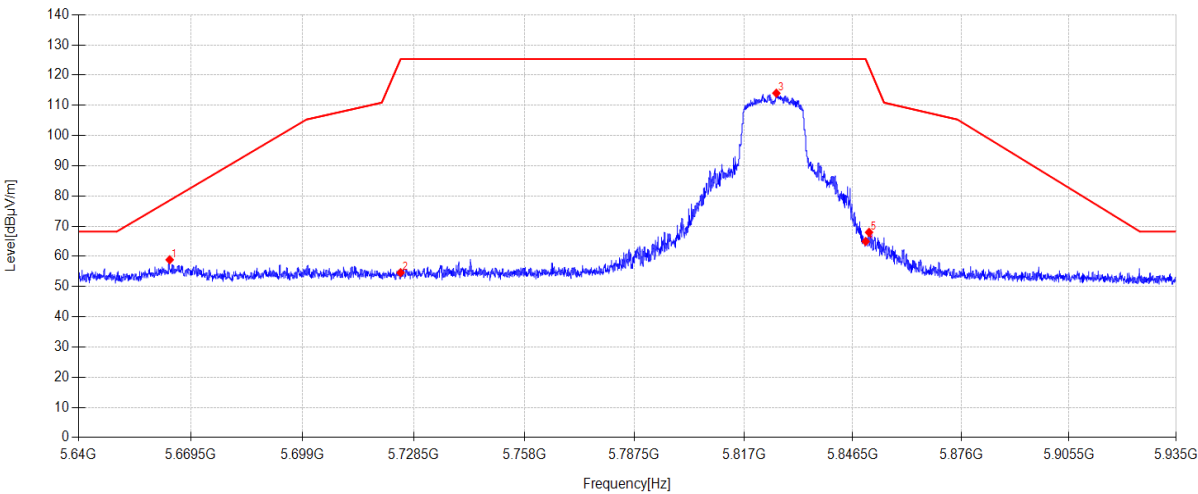
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Memo:

Sample Number:S24052212-002 Power Setting:23

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	5663.925	49.55	33.46	5.84	-29.99	58.86	78.53	19.67	PK	Vertical
2	5725.000	44.98	33.75	5.87	-29.99	54.61	125.30	70.69	PK	Vertical
3	5825.791	103.98	34.10	5.92	-29.97	114.03	125.30	11.27	PK	Vertical
4	5850.000	54.96	34.00	5.94	-29.97	64.93	125.27	60.34	PK	Vertical
5	5850.925	58.00	34.00	5.94	-29.97	67.97	122.64	54.67	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11A ANT2 5785 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

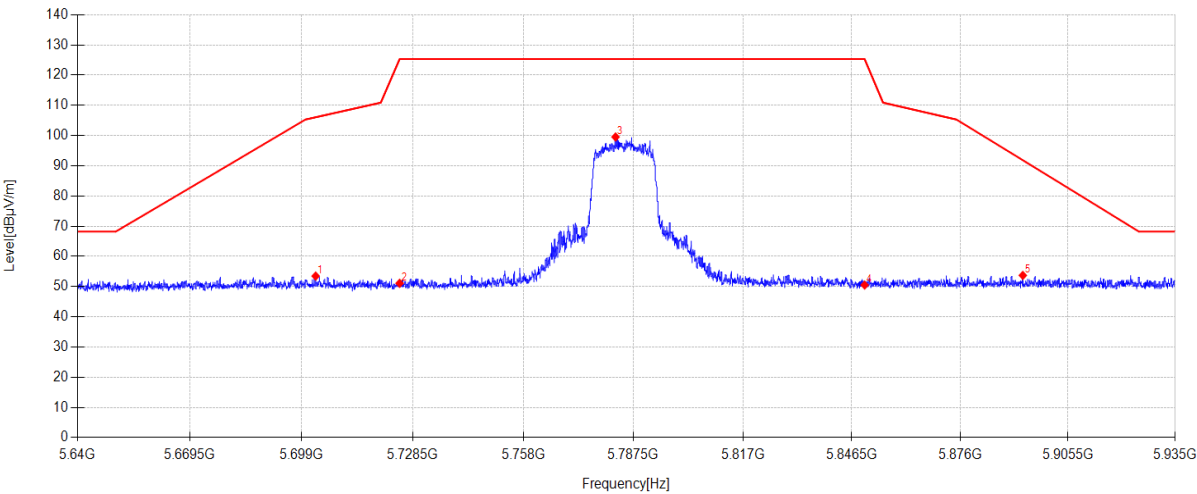
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Memo:

Sample Number:S24052212-002 Power Setting:23

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	5702.717	43.98	33.62	5.86	-29.99	53.47	106.06	52.59	PK	Horizontal
2	5725.000	41.46	33.75	5.87	-29.99	51.09	125.30	74.21	PK	Horizontal
3	5782.721	89.51	34.10	5.90	-29.98	99.53	125.30	25.77	PK	Horizontal
4	5850.000	40.53	34.00	5.94	-29.97	50.50	125.27	74.77	PK	Horizontal
5	5893.140	43.61	34.09	5.96	-29.96	53.70	91.84	38.14	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11A ANT2 5785 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

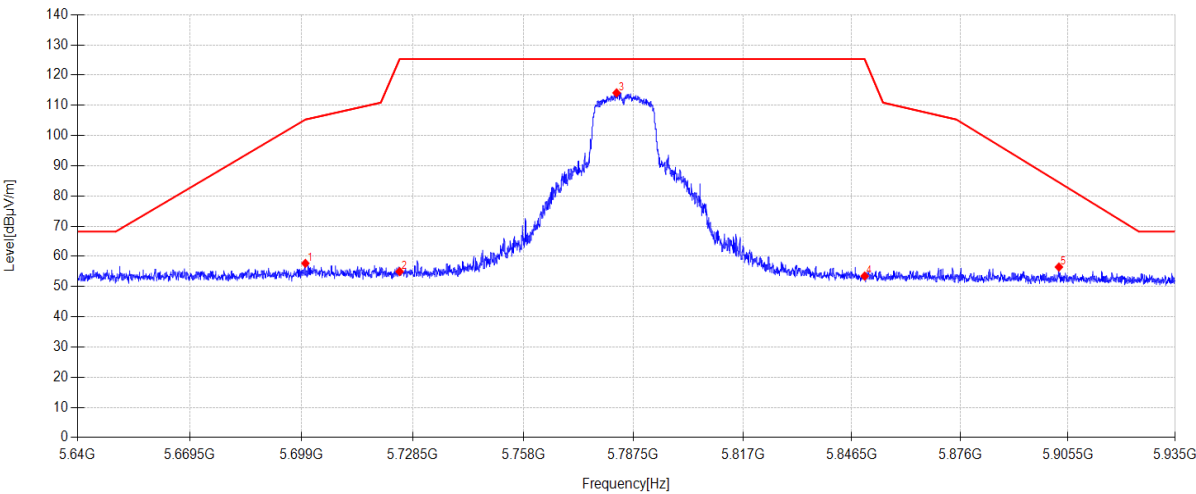
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Memo:

Sample Number:S24052212-002 Power Setting:23

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	5700.003	48.22	33.60	5.86	-29.99	57.69	105.30	47.61	PK	Vertical
2	5725.000	45.34	33.75	5.87	-29.99	54.97	125.30	70.33	PK	Vertical
3	5782.987	104.12	34.10	5.90	-29.98	114.14	125.30	11.16	PK	Vertical
4	5850.000	43.50	34.00	5.94	-29.97	53.47	125.27	71.80	PK	Vertical
5	5903.022	46.36	34.11	5.96	-29.96	56.47	84.51	28.04	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11A ANT2 5745 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

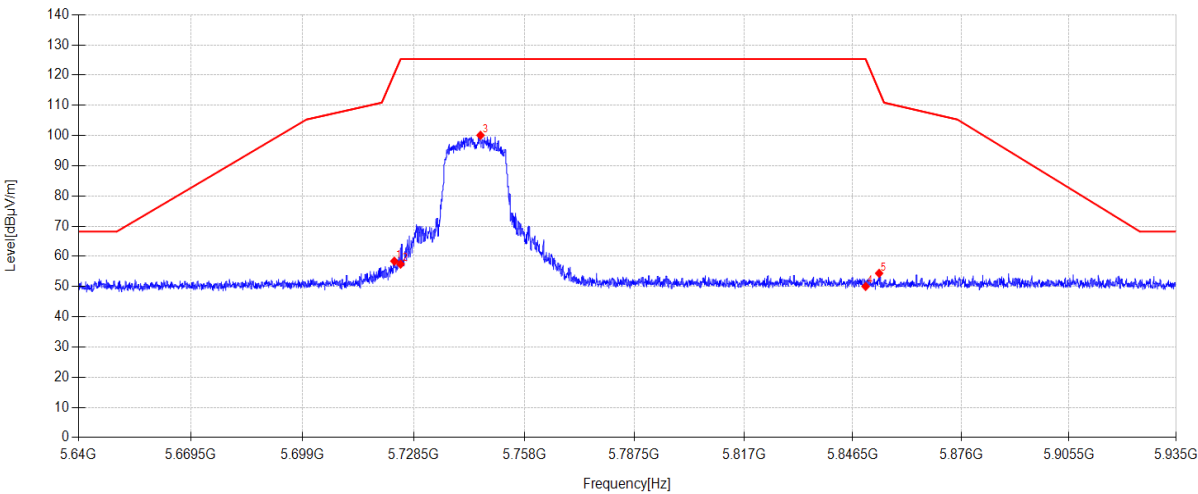
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Memo:

Sample Number:S24052212-002 Power Setting:23

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.338	48.79	33.74	5.87	-29.99	58.41	120.51	62.10	PK	Horizontal
2	5725.000	47.79	33.75	5.87	-29.99	57.42	125.30	67.88	PK	Horizontal
3	5746.289	90.31	33.88	5.88	-29.98	100.09	125.30	25.21	PK	Horizontal
4	5850.000	40.08	34.00	5.94	-29.97	50.05	125.27	75.22	PK	Horizontal
5	5853.669	44.42	34.01	5.94	-29.97	54.40	114.73	60.33	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

11A ANT2 5745 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

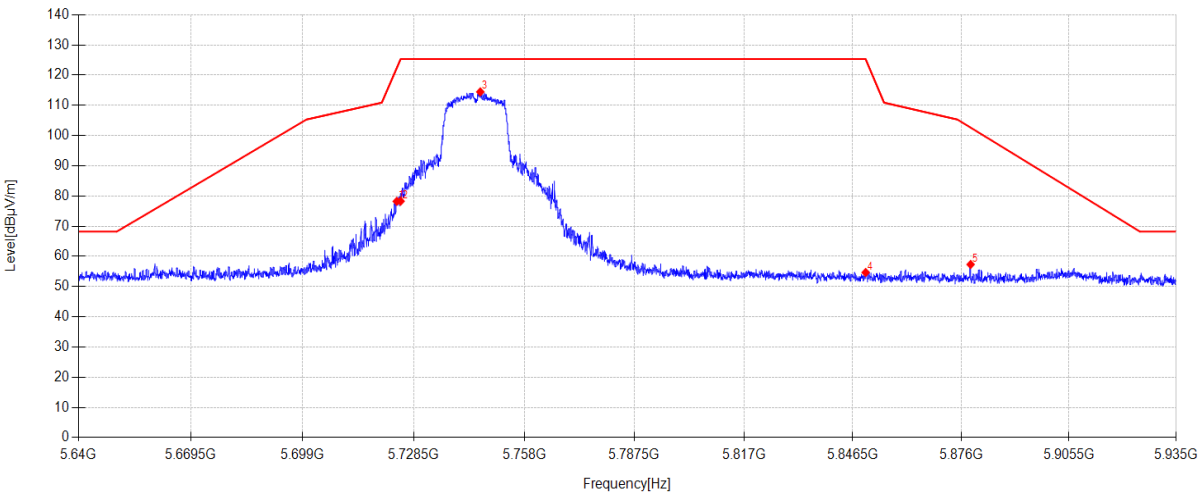
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Memo:

Sample Number:S24052212-002 Power Setting:23

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.987	68.60	33.74	5.87	-29.99	78.22	122.38	44.16	PK	Vertical
2	5725.000	68.65	33.75	5.87	-29.99	78.28	125.30	47.02	PK	Vertical
3	5746.230	104.68	33.88	5.88	-29.98	114.46	125.30	10.84	PK	Vertical
4	5850.000	44.69	34.00	5.94	-29.97	54.66	125.27	70.61	PK	Vertical
5	5878.596	47.29	34.06	5.95	-29.97	57.33	102.63	45.30	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 N20 5745 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

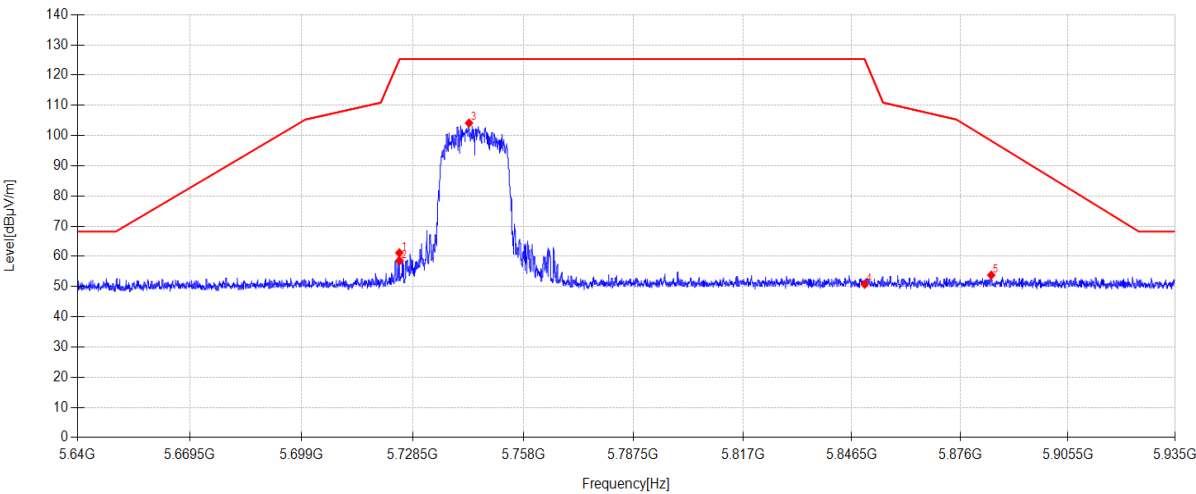
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.931	51.53	33.75	5.87	-29.99	61.16	125.10	63.94	PK	Horizontal
2	5725.000	48.94	33.75	5.87	-29.99	58.57	125.30	66.73	PK	Horizontal
3	5743.486	94.37	33.86	5.88	-29.98	104.13	125.30	21.17	PK	Horizontal
4	5850.000	40.80	34.00	5.94	-29.97	50.77	125.27	74.50	PK	Horizontal
5	5884.496	43.75	34.07	5.95	-29.97	53.80	98.25	44.45	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 N20 5745 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

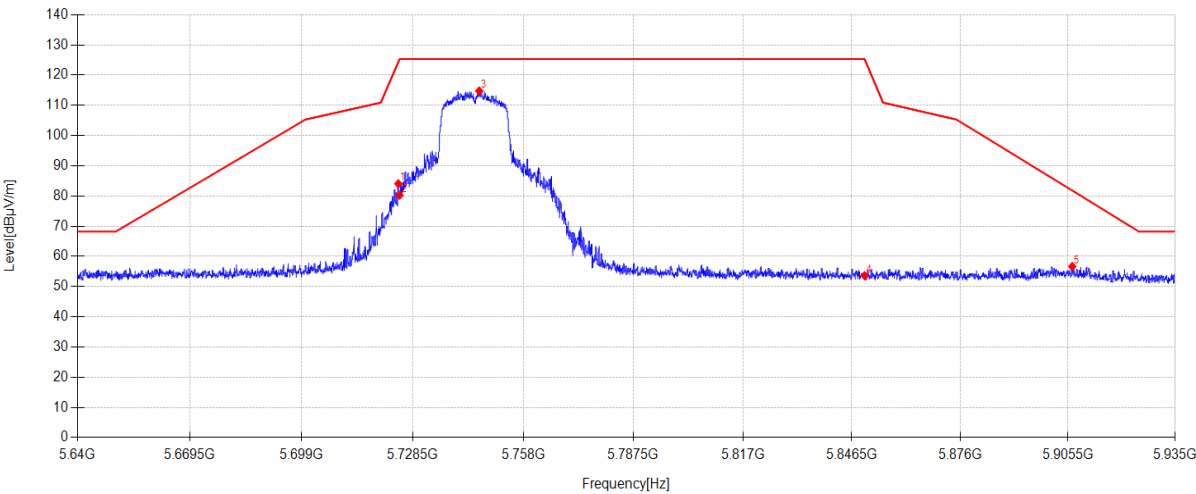
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.665	74.41	33.75	5.87	-29.99	84.04	124.34	40.30	PK	Vertical
2	5725.000	70.61	33.75	5.87	-29.99	80.24	125.30	45.06	PK	Vertical
3	5746.230	104.98	33.88	5.88	-29.98	114.76	125.30	10.54	PK	Vertical
4	5850.000	43.65	34.00	5.94	-29.97	53.62	125.27	71.65	PK	Vertical
5	5906.680	46.54	34.11	5.96	-29.96	56.65	81.79	25.14	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 N20 5785 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

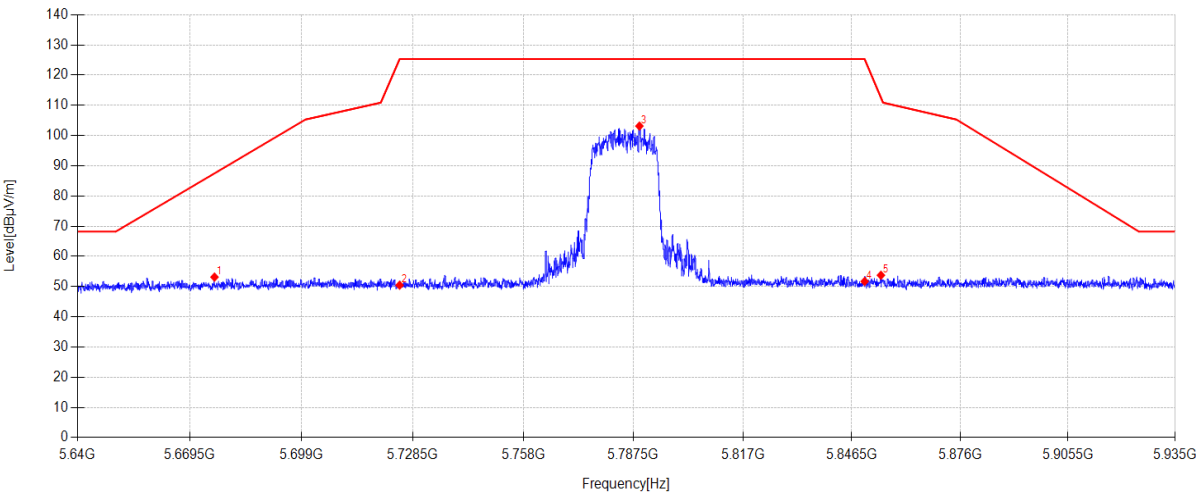
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Memo:

Sample Number:S24052212-002 Power Setting:20

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	5675.990	43.77	33.50	5.85	-29.99	53.13	87.48	34.35	PK	Horizontal
2	5725.000	40.82	33.75	5.87	-29.99	50.45	125.30	74.85	PK	Horizontal
3	5789.123	93.09	34.13	5.90	-29.98	103.14	125.30	22.16	PK	Horizontal
4	5850.000	41.74	34.00	5.94	-29.97	51.71	125.27	73.56	PK	Horizontal
5	5854.436	43.77	34.01	5.94	-29.97	53.75	112.53	58.78	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 N20 5785 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

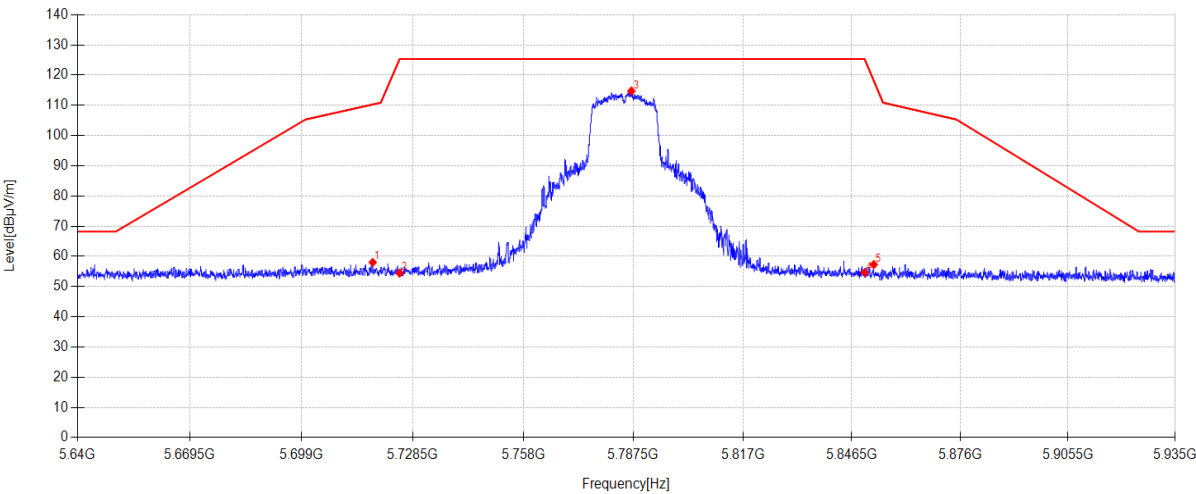
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d:\ts\2024 report data\Q24052212\0729 FCC ABOVE1G 5G MASK\45

Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5717.851	48.42	33.71	5.87	-29.99	58.01	110.30	52.29	PK	Vertical
2	5725.000	44.82	33.75	5.87	-29.99	54.45	125.30	70.85	PK	Vertical
3	5786.969	104.70	34.12	5.90	-29.98	114.74	125.30	10.56	PK	Vertical
4	5850.000	44.65	34.00	5.94	-29.97	54.62	125.27	70.65	PK	Vertical
5	5852.489	47.33	34.00	5.94	-29.97	57.30	118.13	60.83	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 N20 5825 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

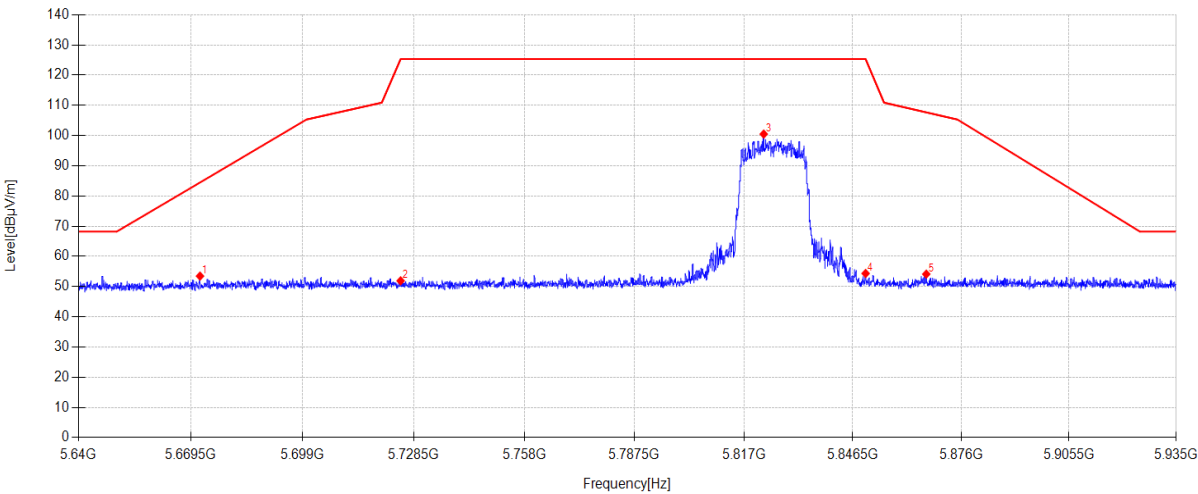
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Memo:

Sample Number:S24052212-002 Power Setting:20

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	5671.919	44.12	33.49	5.85	-29.99	53.47	84.46	30.99	PK	Horizontal
2	5725.000	42.27	33.75	5.87	-29.99	51.90	125.30	73.40	PK	Horizontal
3	5822.369	90.43	34.11	5.92	-29.97	100.49	125.30	24.81	PK	Horizontal
4	5850.000	44.37	34.00	5.94	-29.97	54.34	125.27	70.93	PK	Horizontal
5	5866.501	44.13	34.03	5.94	-29.97	54.13	107.68	53.55	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 N20 5825 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

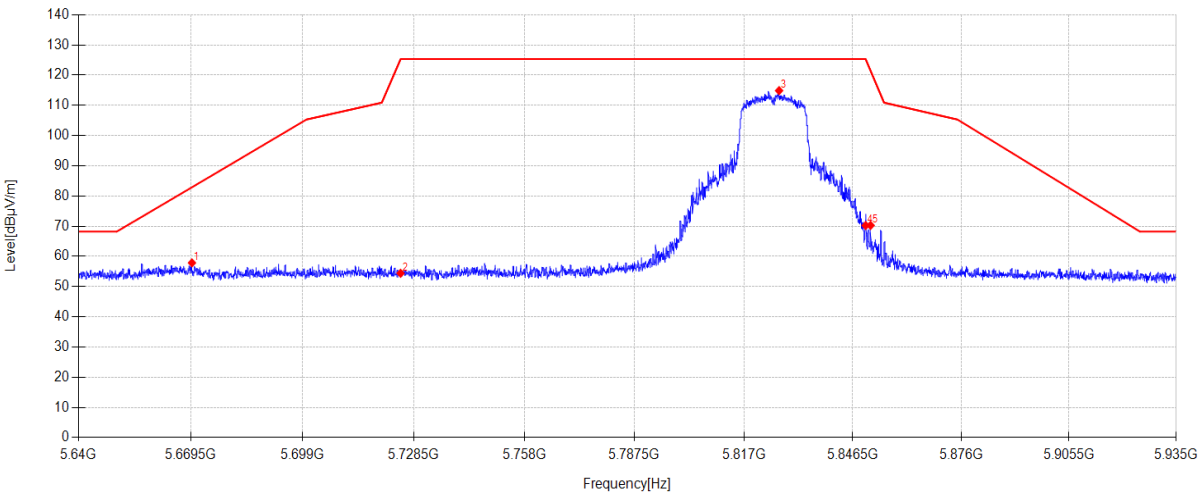
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Memo:

Sample Number:S24052212-002 Power Setting:20

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	5669.795	48.52	33.48	5.84	-29.99	57.85	82.89	25.04	PK	Vertical
2	5725.000	44.78	33.75	5.87	-29.99	54.41	125.30	70.89	PK	Vertical
3	5826.529	104.84	34.09	5.92	-29.97	114.88	125.30	10.42	PK	Vertical
4	5850.000	60.25	34.00	5.94	-29.97	70.22	125.27	55.05	PK	Vertical
5	5851.338	60.30	34.00	5.94	-29.97	70.27	121.45	51.18	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AC20 5745 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

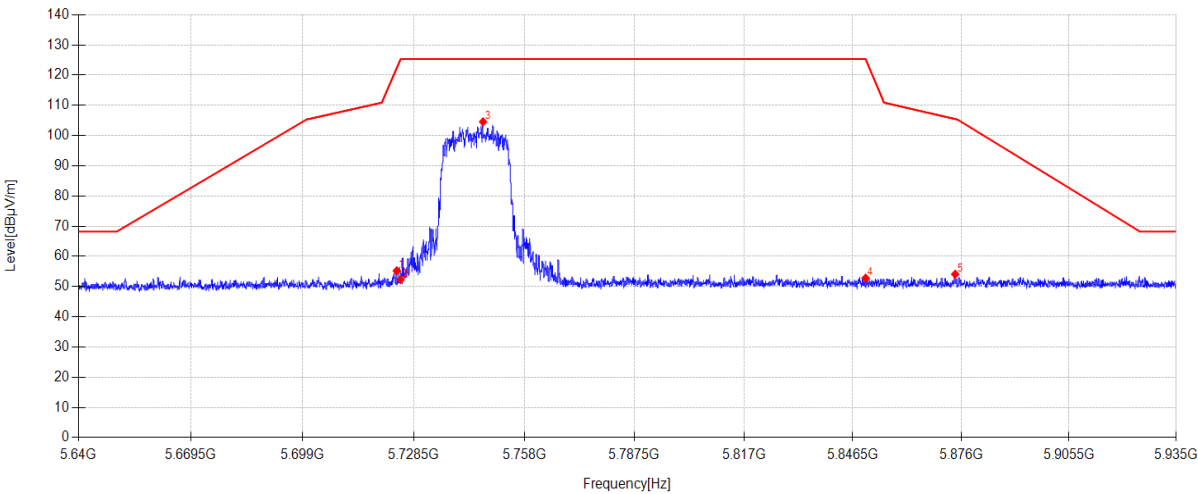
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.987	45.61	33.74	5.87	-29.99	55.23	122.38	67.15	PK	Horizontal
2	5725.000	42.70	33.75	5.87	-29.99	52.33	125.30	72.97	PK	Horizontal
3	5746.967	94.77	33.88	5.88	-29.98	104.55	125.30	20.75	PK	Horizontal
4	5850.000	42.82	34.00	5.94	-29.97	52.79	125.27	72.48	PK	Horizontal
5	5874.378	44.06	34.05	5.95	-29.97	54.09	105.47	51.38	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AC20 5745 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

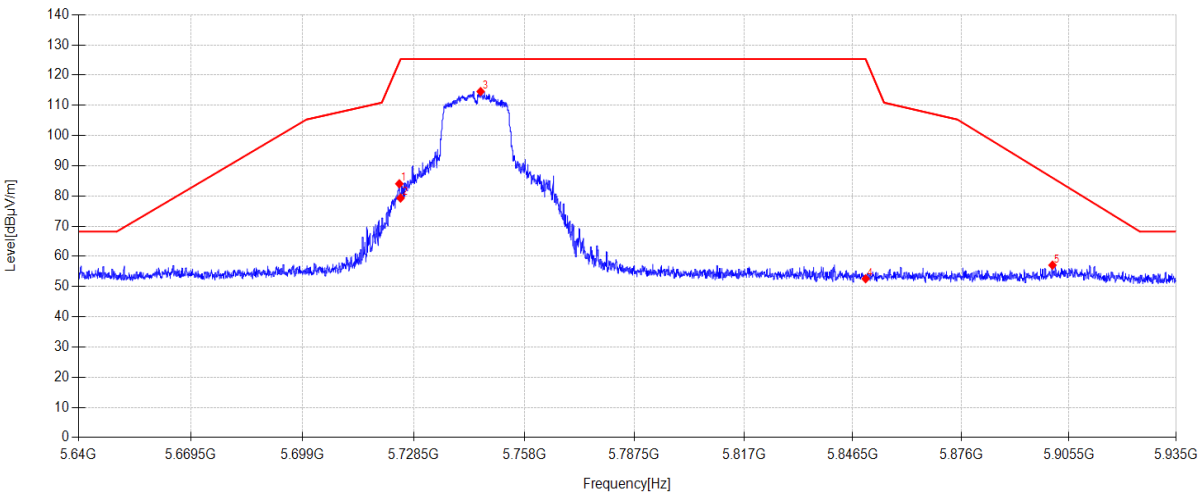
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d:\ts\2024 report data\Q24052212\0729 FCC ABOVE1G 5G MASK\49

Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.665	74.40	33.75	5.87	-29.99	84.03	124.34	40.31	PK	Vertical
2	5725.000	69.67	33.75	5.87	-29.99	79.30	125.30	46.00	PK	Vertical
3	5746.318	104.80	33.88	5.88	-29.98	114.58	125.30	10.72	PK	Vertical
4	5850.000	42.62	34.00	5.94	-29.97	52.59	125.27	72.68	PK	Vertical
5	5900.987	46.99	34.10	5.96	-29.96	57.09	86.02	28.93	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AC20 5785 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

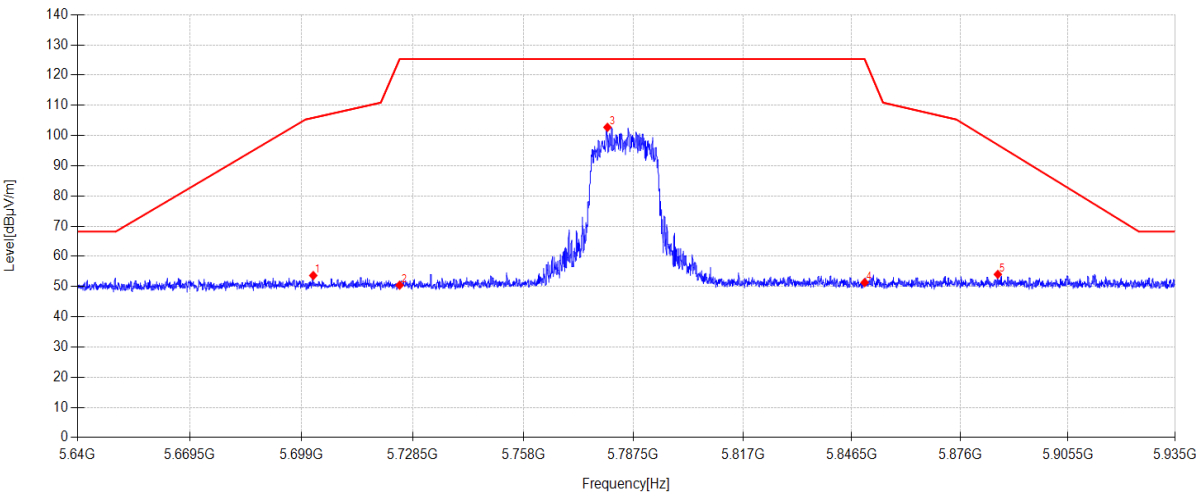
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Memo:

Sample Number:S24052212-002 Power Setting:20

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	5702.098	44.18	33.61	5.86	-29.99	53.66	105.89	52.23	PK	Horizontal
2	5725.000	40.83	33.75	5.87	-29.99	50.46	125.30	74.84	PK	Horizontal
3	5780.538	92.72	34.08	5.90	-29.98	102.72	125.30	22.58	PK	Horizontal
4	5850.000	41.36	34.00	5.94	-29.97	51.33	125.27	73.94	PK	Horizontal
5	5886.296	43.98	34.07	5.95	-29.96	54.04	96.92	42.88	PK	Horizontal

Note:

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

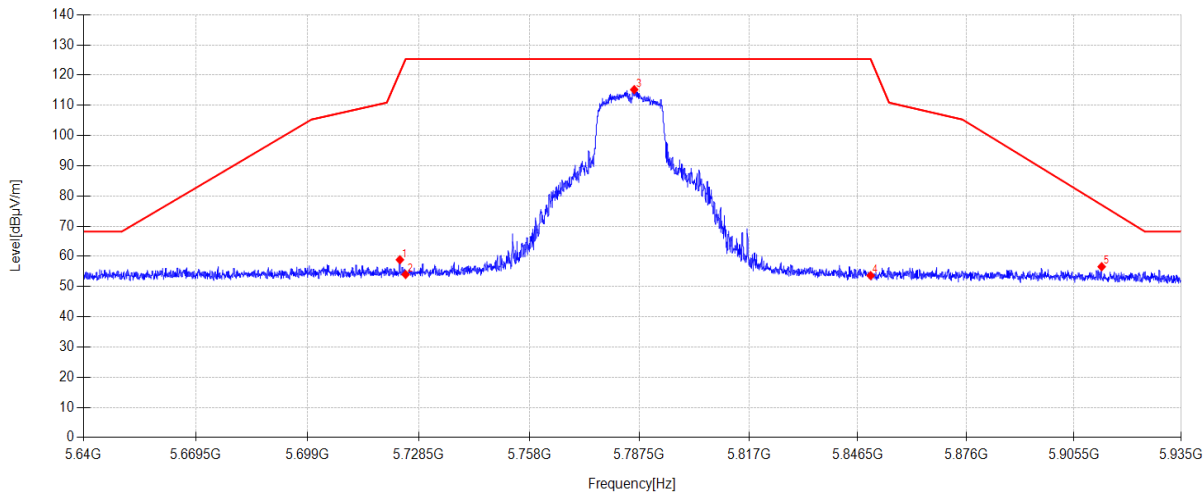
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-07-30 Tested By: GenLiu
EUT: Dual-band WiFi6 AX3000 Router Model Number: Flow AX3006
Test Mode: ANT1+2 AC20 5785 MHz TX Mode Power Supply: AC120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24052212\0729 FCC ABOVE1G 5G MASK\51
Memo: Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.485	49.25	33.74	5.87	-29.99	58.87	120.94	62.07	PK	Vertical
2	5725.000	44.37	33.75	5.87	-29.99	54.00	125.30	71.30	PK	Vertical
3	5786.114	105.17	34.12	5.90	-29.98	115.21	125.30	10.09	PK	Vertical
4	5850.000	43.67	34.00	5.94	-29.97	53.64	125.27	71.63	PK	Vertical
5	5913.111	46.43	34.13	5.97	-29.96	56.57	77.02	20.45	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AC20 5825 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

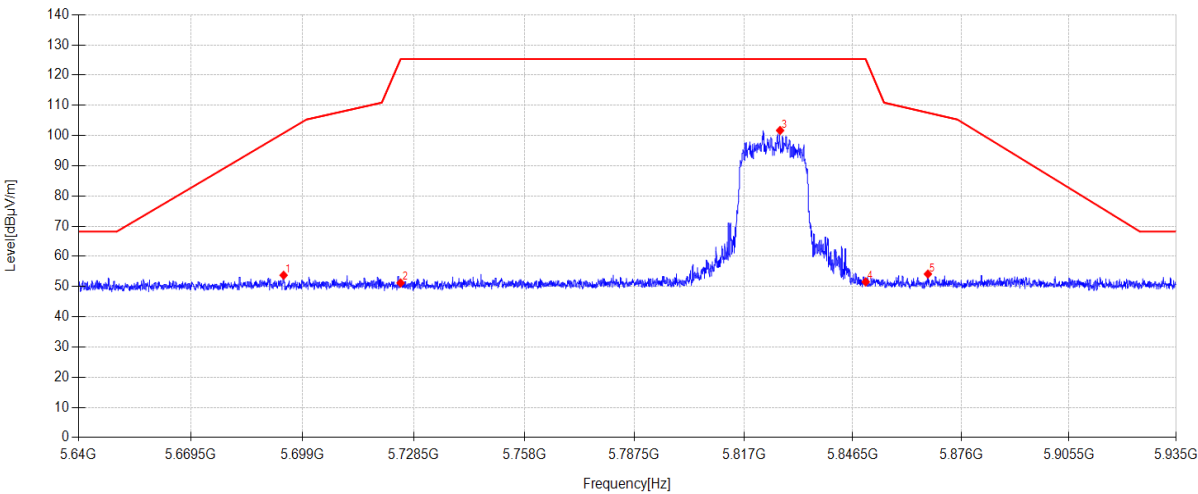
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5693.985	44.29	33.58	5.86	-29.99	53.74	100.84	47.10	PK	Horizontal
2	5725.000	41.57	33.75	5.87	-29.99	51.20	125.30	74.10	PK	Horizontal
3	5826.794	91.65	34.09	5.92	-29.97	101.69	125.30	23.61	PK	Horizontal
4	5850.000	41.58	34.00	5.94	-29.97	51.55	125.27	73.72	PK	Horizontal
5	5866.944	44.15	34.03	5.94	-29.97	54.15	107.56	53.41	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AC20 5825 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

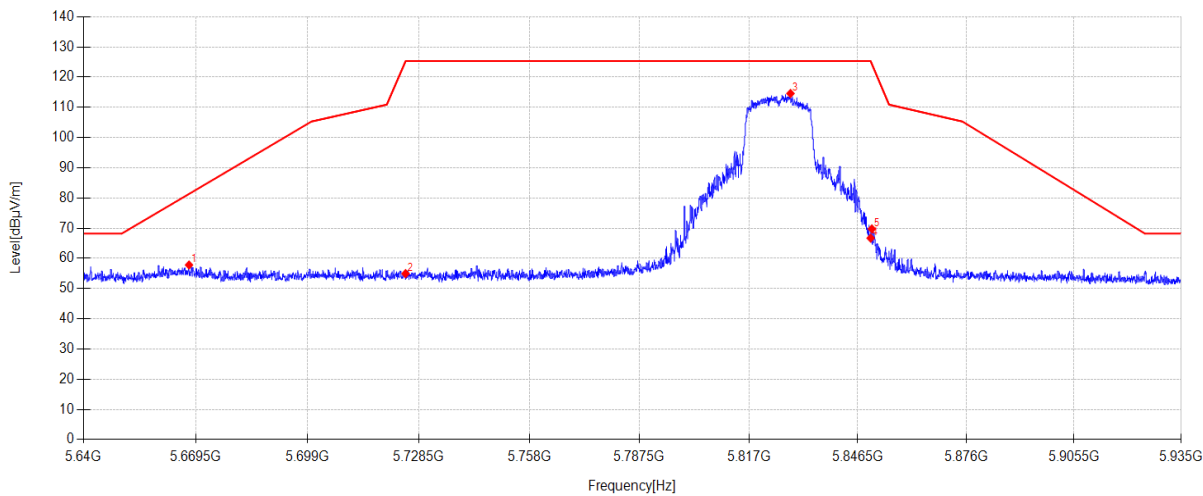
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d:\ts\2024 report data\Q24052212\0729 FCC ABOVE1G 5G MASK\53

Memo:

Sample Number:S24052212-002 Power Setting:20

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	5667.701	48.50	33.47	5.84	-29.99	57.82	81.33	23.51	PK	Vertical
2	5725.000	45.32	33.75	5.87	-29.99	54.95	125.30	70.35	PK	Vertical
3	5828.269	104.55	34.09	5.92	-29.97	114.59	125.30	10.71	PK	Vertical
4	5850.000	56.74	34.00	5.94	-29.97	66.71	125.27	58.56	PK	Vertical
5	5850.335	59.79	34.00	5.94	-29.97	69.76	124.34	54.58	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AX20 5745 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

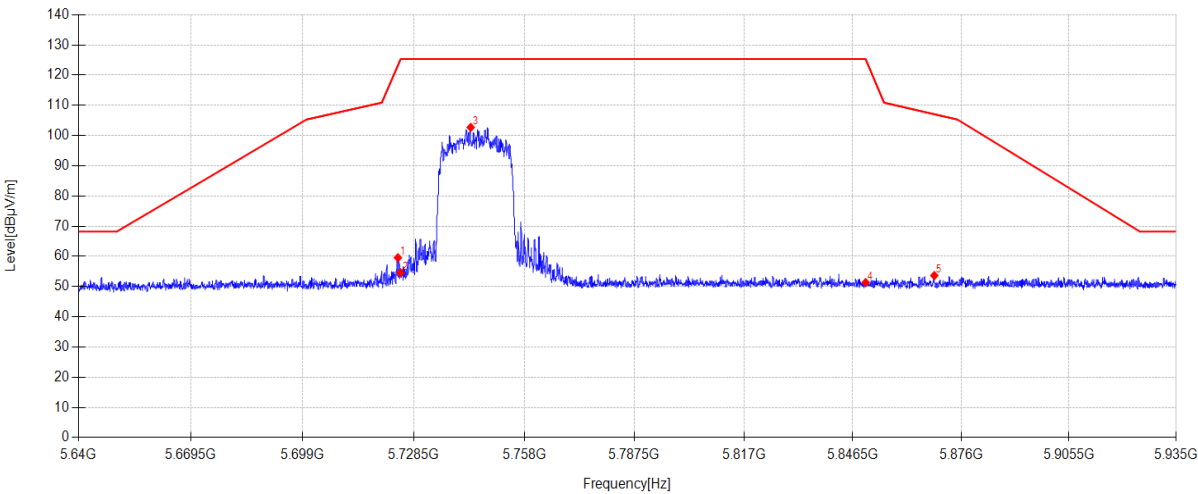
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.282	49.94	33.75	5.87	-29.99	59.57	123.23	63.66	PK	Horizontal
2	5725.000	44.95	33.75	5.87	-29.99	54.58	125.30	70.72	PK	Horizontal
3	5743.663	92.95	33.86	5.88	-29.98	102.71	125.30	22.59	PK	Horizontal
4	5850.000	41.39	34.00	5.94	-29.97	51.36	125.27	73.91	PK	Horizontal
5	5868.684	43.65	34.04	5.94	-29.97	53.66	107.07	53.41	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AX20 5745 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

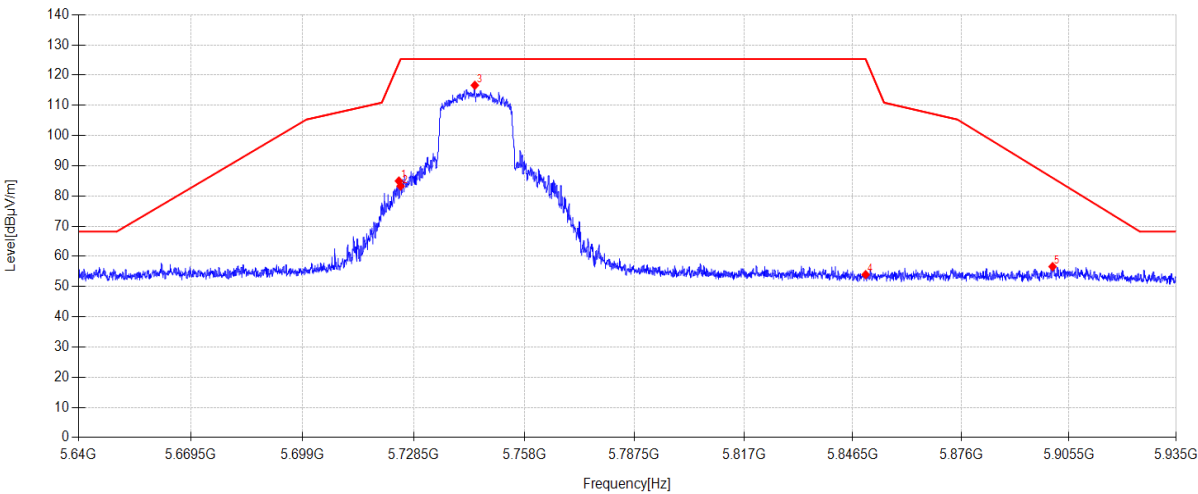
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.547	75.34	33.75	5.87	-29.99	84.97	124.00	39.03	PK	Vertical
2	5725.000	73.63	33.75	5.87	-29.99	83.26	125.30	42.04	PK	Vertical
3	5744.784	106.87	33.87	5.88	-29.98	116.64	125.30	8.66	PK	Vertical
4	5850.000	43.99	34.00	5.94	-29.97	53.96	125.27	71.31	PK	Vertical
5	5901.016	46.52	34.10	5.96	-29.96	56.62	86.00	29.38	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AX20 5785 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

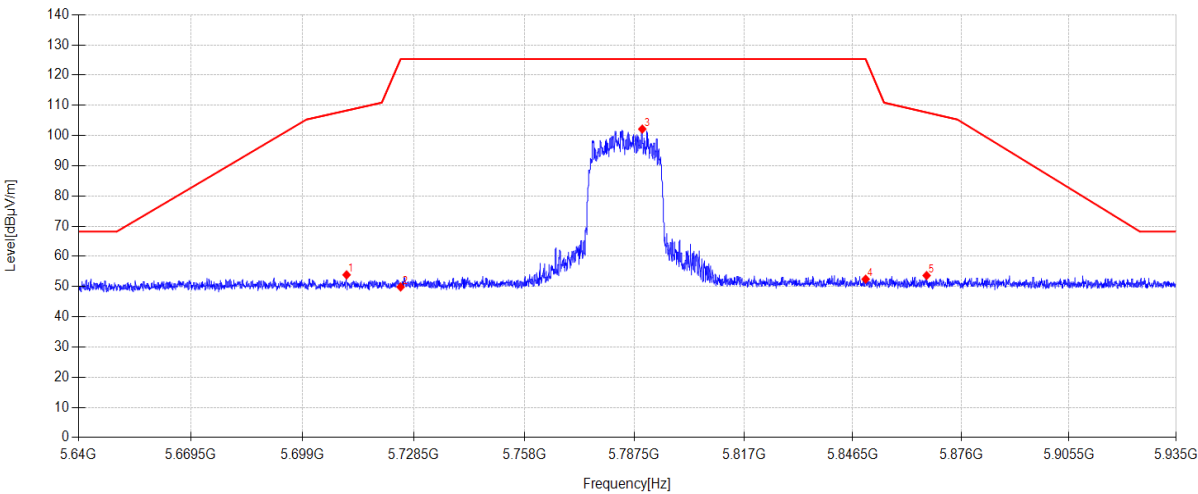
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5710.653	44.34	33.66	5.87	-29.99	53.88	108.28	54.40	PK	Horizontal
2	5725.000	40.24	33.75	5.87	-29.99	49.87	125.30	75.43	PK	Horizontal
3	5789.624	92.08	34.14	5.90	-29.98	102.14	125.30	23.16	PK	Horizontal
4	5850.000	42.48	34.00	5.94	-29.97	52.45	125.27	72.82	PK	Horizontal
5	5866.590	43.66	34.03	5.94	-29.97	53.66	107.65	53.99	PK	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AX20 5785 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

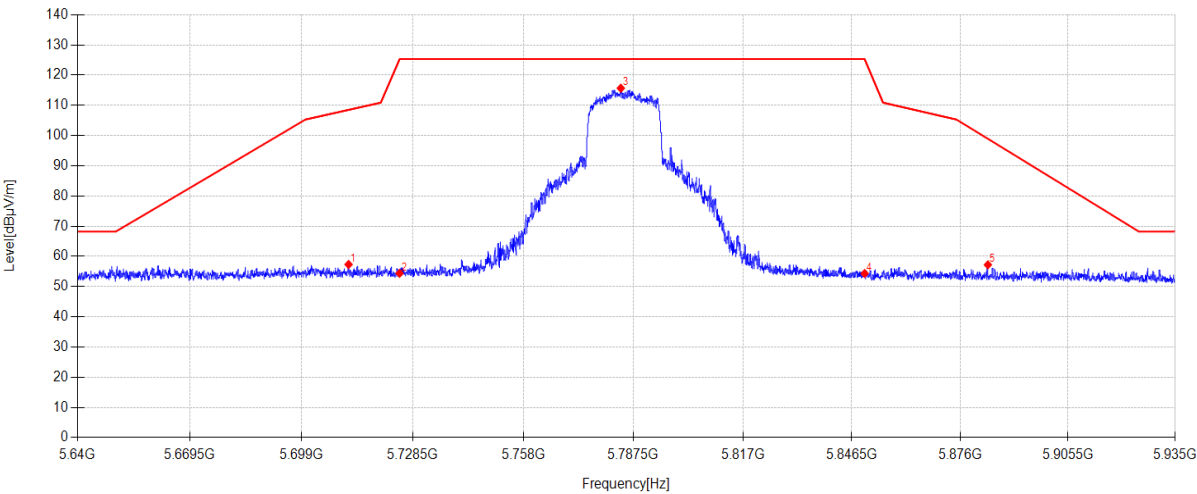
File Path:

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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5711.449	47.77	33.67	5.87	-29.99	57.32	108.51	51.19	PK	Vertical
2	5725.000	44.75	33.75	5.87	-29.99	54.38	125.30	70.92	PK	Vertical
3	5784.137	105.66	34.10	5.90	-29.98	115.68	125.30	9.62	PK	Vertical
4	5850.000	44.36	34.00	5.94	-29.97	54.33	125.27	70.94	PK	Vertical
5	5883.582	47.16	34.07	5.95	-29.97	57.21	98.93	41.72	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AX20 5825 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

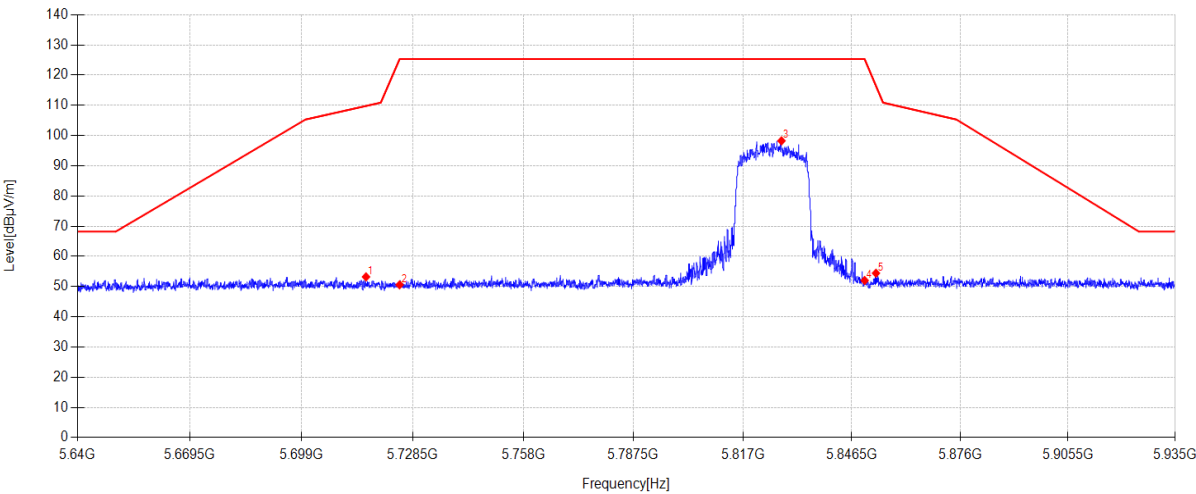
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5716.081	43.63	33.70	5.87	-29.99	53.21	109.80	56.59	PK	Horizontal
2	5725.000	40.95	33.75	5.87	-29.99	50.58	125.30	74.72	PK	Horizontal
3	5827.443	88.21	34.09	5.92	-29.97	98.25	125.30	27.05	PK	Horizontal
4	5850.000	42.05	34.00	5.94	-29.97	52.02	125.27	73.25	PK	Horizontal
5	5853.079	44.45	34.01	5.94	-29.97	54.43	116.43	62.00	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AX20 5825 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

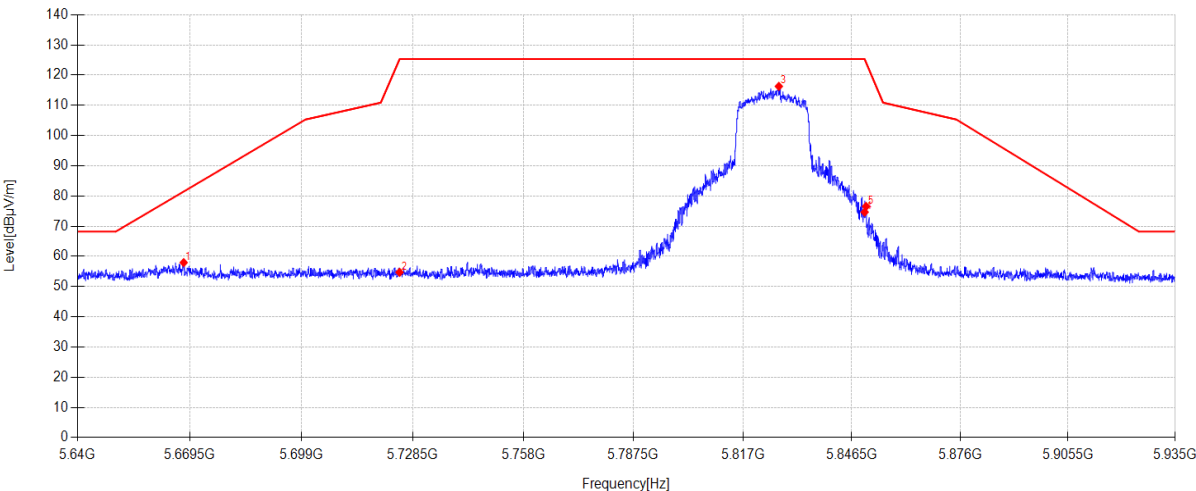
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Memo:

Sample Number:S24052212-002 Power Setting:20

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	5667.878	48.63	33.47	5.84	-29.99	57.95	81.47	23.52	PK	Vertical
2	5725.000	45.10	33.75	5.87	-29.99	54.73	125.30	70.57	PK	Vertical
3	5826.735	106.25	34.09	5.92	-29.97	116.29	125.30	9.01	PK	Vertical
4	5850.000	64.69	34.00	5.94	-29.97	74.66	125.27	50.61	PK	Vertical
5	5850.365	66.56	34.00	5.94	-29.97	76.53	124.25	47.72	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 N40 5755 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

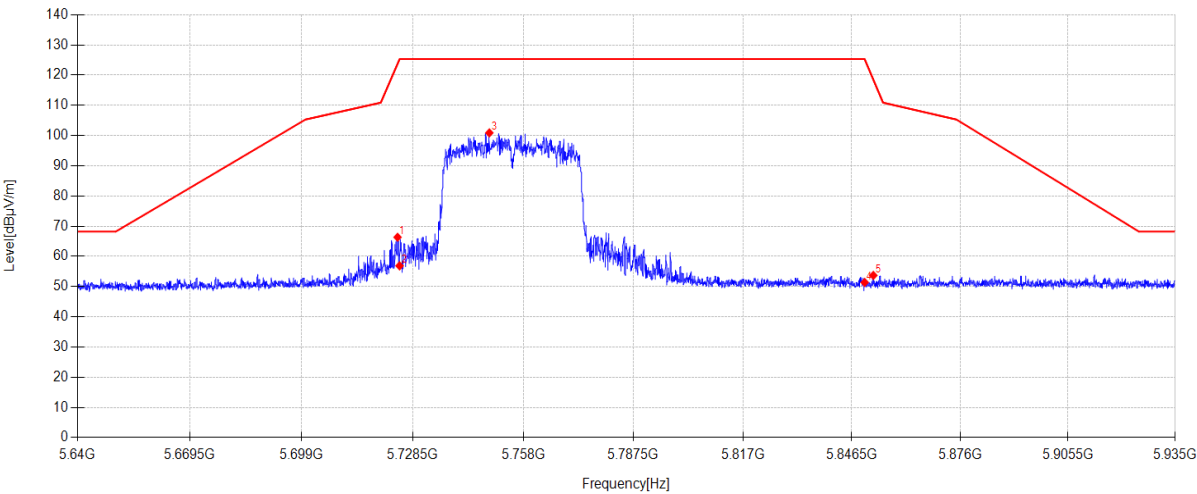
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.459	56.70	33.75	5.87	-29.99	66.33	123.74	57.41	PK	Horizontal
2	5725.000	47.24	33.75	5.87	-29.99	56.87	125.30	68.43	PK	Horizontal
3	5748.914	91.10	33.89	5.88	-29.98	100.89	125.30	24.41	PK	Horizontal
4	5850.000	41.40	34.00	5.94	-29.97	51.37	125.27	73.90	PK	Horizontal
5	5852.371	43.73	34.00	5.94	-29.97	53.70	118.47	64.77	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 N40 5755 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

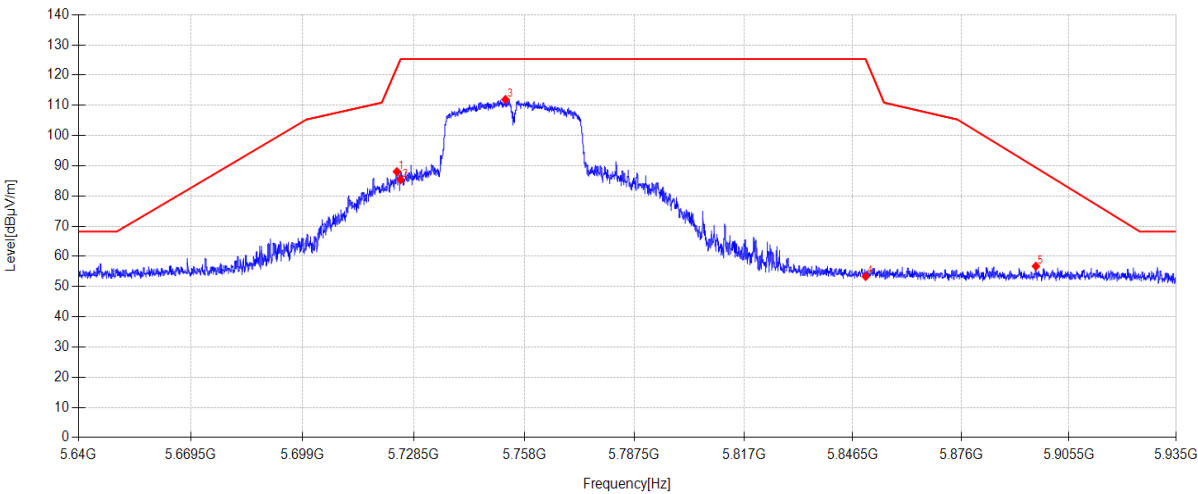
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.016	78.42	33.74	5.87	-29.99	88.04	122.47	34.43	PK	Vertical
2	5725.000	75.75	33.75	5.87	-29.99	85.38	125.30	39.92	PK	Vertical
3	5752.956	102.10	33.92	5.89	-29.98	111.93	125.30	13.37	PK	Vertical
4	5850.000	43.38	34.00	5.94	-29.97	53.35	125.27	71.92	PK	Vertical
5	5896.444	46.64	34.09	5.96	-29.96	56.73	89.39	32.66	PK	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 N40 5795 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

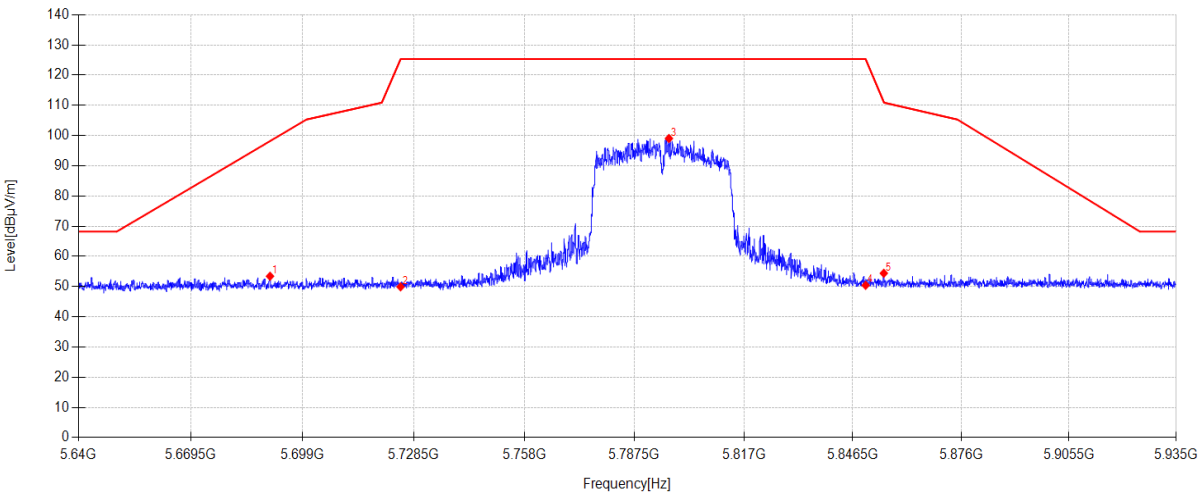
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Memo:

Sample Number:S24052212-002 Power Setting:20

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	5690.386	43.99	33.56	5.86	-29.99	53.42	98.17	44.75	PK	Horizontal
2	5725.000	40.29	33.75	5.87	-29.99	49.92	125.30	75.38	PK	Horizontal
3	5796.793	88.92	34.18	5.91	-29.98	99.03	125.30	26.27	PK	Horizontal
4	5850.000	40.44	34.00	5.94	-29.97	50.41	125.27	74.86	PK	Horizontal
5	5854.937	44.42	34.01	5.94	-29.97	54.40	111.08	56.68	PK	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 N40 5795 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

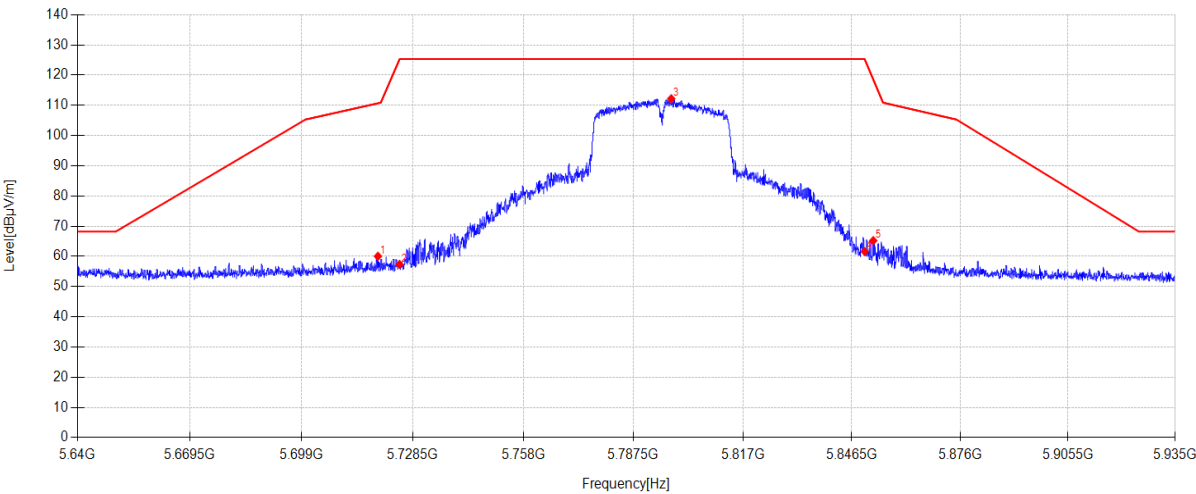
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5719.237	50.43	33.72	5.87	-29.99	60.03	110.69	50.66	PK	Vertical
2	5725.000	47.71	33.75	5.87	-29.99	57.34	125.30	67.96	PK	Vertical
3	5797.678	102.08	34.19	5.91	-29.98	112.20	125.30	13.10	PK	Vertical
4	5850.000	51.62	34.00	5.94	-29.97	61.59	125.27	63.68	PK	Vertical
5	5852.341	55.24	34.00	5.94	-29.97	65.21	118.56	53.35	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AC40 5755 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

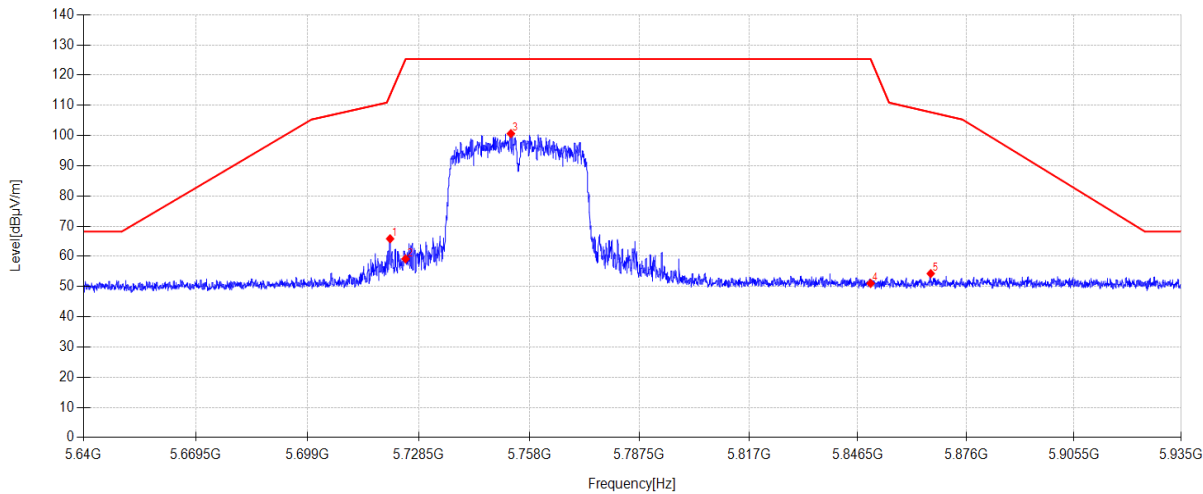
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Memo:

Sample Number:S24052212-002 Power Setting:20

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	5720.889	56.21	33.73	5.87	-29.99	65.82	113.46	47.64	PK	Horizontal
2	5725.000	49.53	33.75	5.87	-29.99	59.16	125.30	66.14	PK	Horizontal
3	5753.074	90.81	33.92	5.89	-29.98	100.64	125.30	24.66	PK	Horizontal
4	5850.000	41.08	34.00	5.94	-29.97	51.05	125.27	74.22	PK	Horizontal
5	5866.354	44.31	34.03	5.94	-29.97	54.31	107.72	53.41	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AC40 5755 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

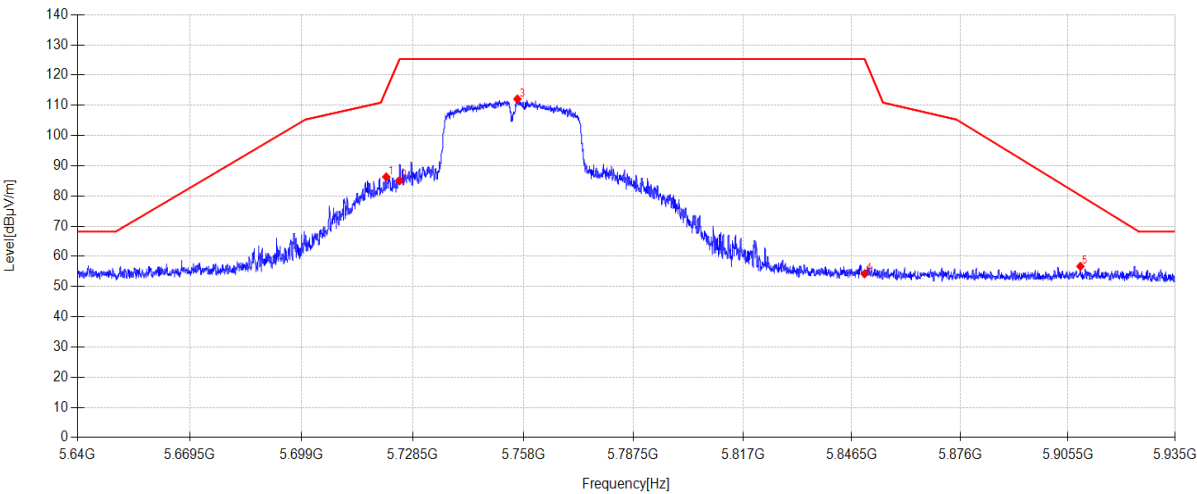
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5721.450	76.70	33.73	5.87	-29.99	86.31	115.07	28.76	PK	Vertical
2	5725.000	75.43	33.75	5.87	-29.99	85.06	125.30	40.24	PK	Vertical
3	5756.407	102.24	33.94	5.89	-29.98	112.09	125.30	13.21	PK	Vertical
4	5850.000	44.26	34.00	5.94	-29.97	54.23	125.27	71.04	PK	Vertical
5	5908.922	46.58	34.12	5.96	-29.96	56.70	80.13	23.43	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AC40 5795 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

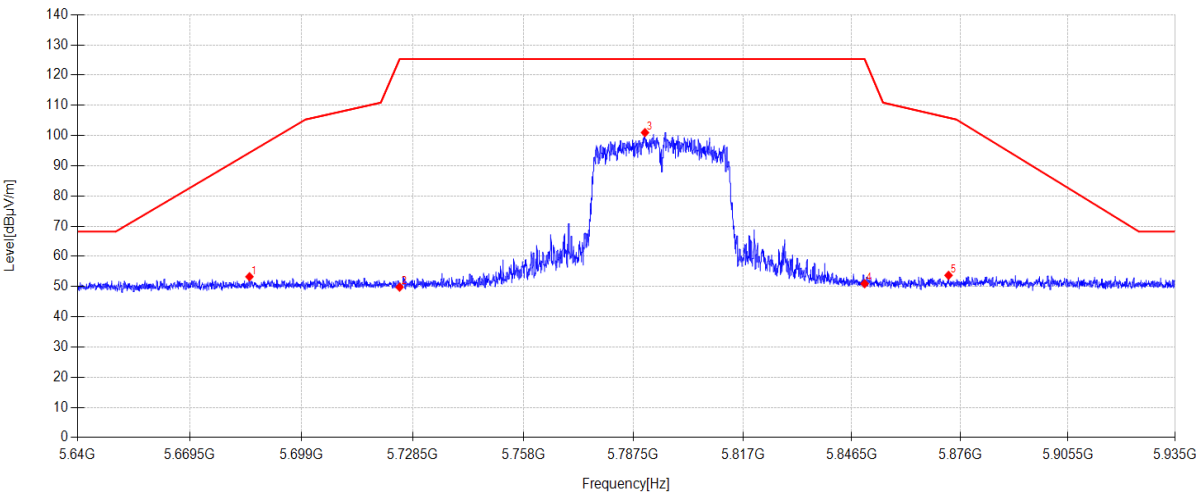
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5685.224	43.86	33.54	5.85	-29.99	53.26	94.34	41.08	PK	Horizontal
2	5725.000	40.18	33.75	5.87	-29.99	49.81	125.30	75.49	PK	Horizontal
3	5790.627	90.91	34.14	5.91	-29.98	100.98	125.30	24.32	PK	Horizontal
4	5850.000	40.98	34.00	5.94	-29.97	50.95	125.27	74.32	PK	Horizontal
5	5872.844	43.68	34.05	5.95	-29.97	53.71	105.90	52.19	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AC40 5795 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

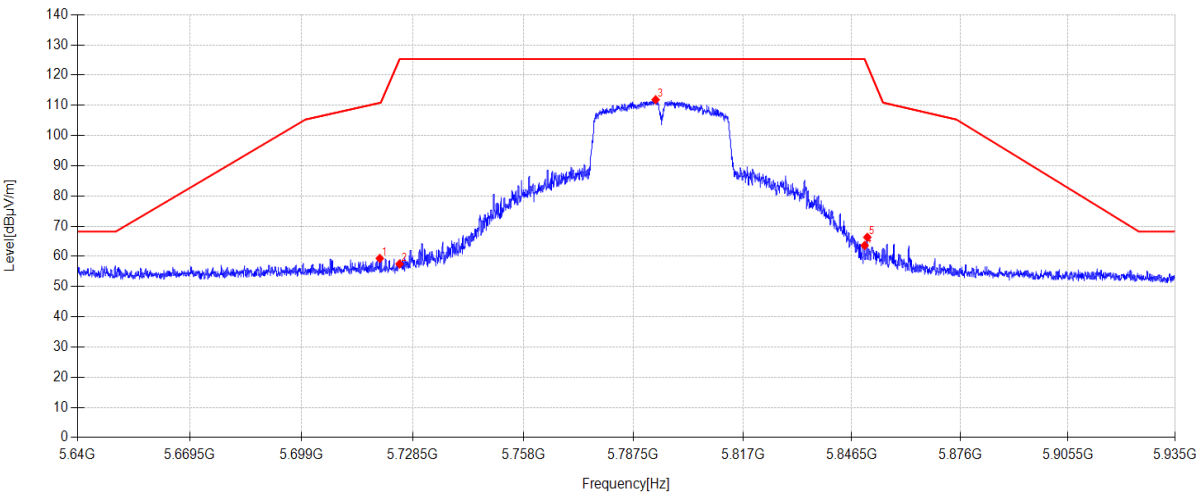
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5719.739	49.72	33.72	5.87	-29.99	59.32	110.83	51.51	PK	Vertical
2	5725.000	47.84	33.75	5.87	-29.99	57.47	125.30	67.83	PK	Vertical
3	5793.489	101.78	34.16	5.91	-29.98	111.87	125.30	13.43	PK	Vertical
4	5850.000	53.63	34.00	5.94	-29.97	63.60	125.27	61.67	PK	Vertical
5	5850.719	56.35	34.00	5.94	-29.97	66.32	123.23	56.91	PK	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AX40 5755 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

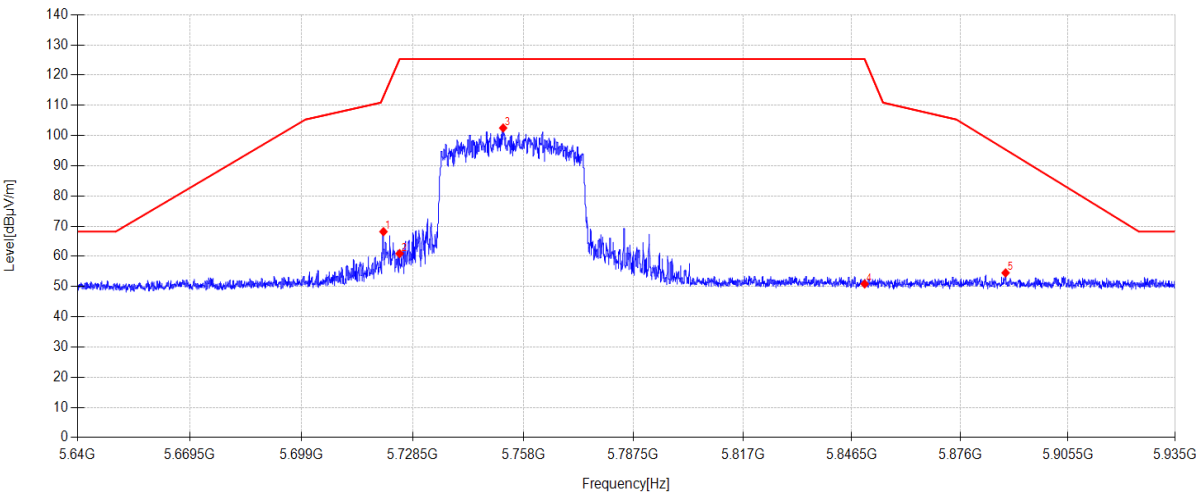
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Memo:

Sample Number:S24052212-002 Power Setting:20

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	5720.712	58.58	33.72	5.87	-29.99	68.18	112.95	44.77	PK	Horizontal
2	5725.000	51.29	33.75	5.87	-29.99	60.92	125.30	64.38	PK	Horizontal
3	5752.602	92.67	33.92	5.89	-29.98	102.50	125.30	22.80	PK	Horizontal
4	5850.000	40.90	34.00	5.94	-29.97	50.87	125.27	74.40	PK	Horizontal
5	5888.420	44.47	34.08	5.95	-29.96	54.54	95.34	40.80	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AX40 5755 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

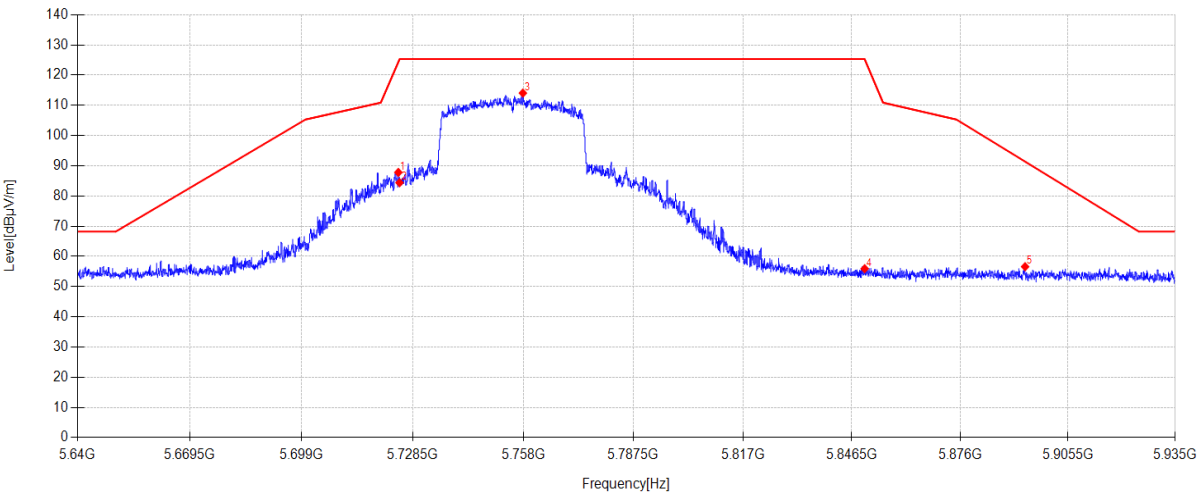
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.665	78.16	33.75	5.87	-29.99	87.79	124.34	36.55	PK	Vertical
2	5725.000	74.77	33.75	5.87	-29.99	84.40	125.30	40.90	PK	Vertical
3	5757.882	104.20	33.95	5.89	-29.98	114.06	125.30	11.24	PK	Vertical
4	5850.000	45.95	34.00	5.94	-29.97	55.92	125.27	69.35	PK	Vertical
5	5893.759	46.50	34.09	5.96	-29.96	56.59	91.38	34.79	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AX40 5795 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

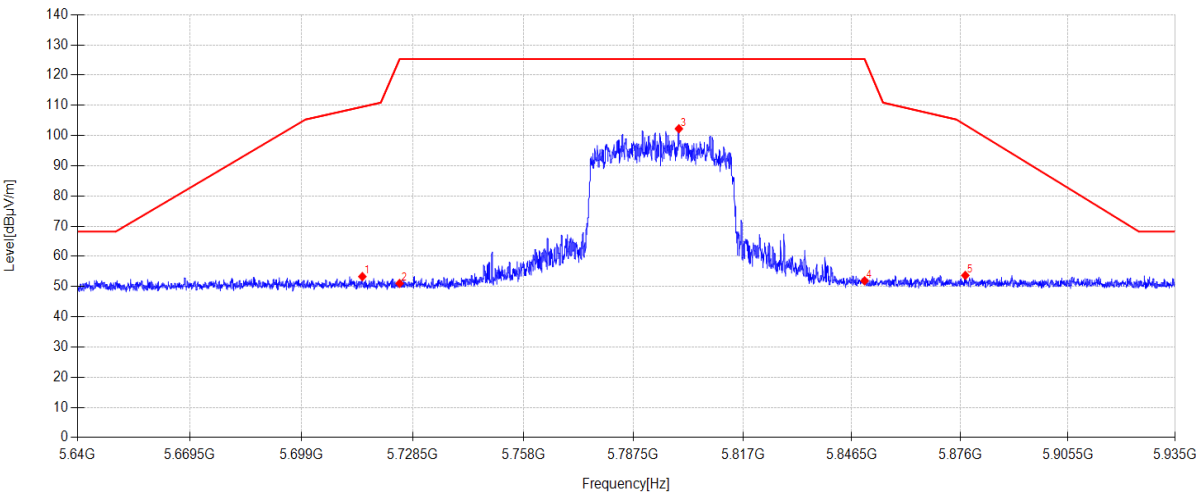
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5715.107	43.73	33.69	5.87	-29.99	53.30	109.53	56.23	PK	Horizontal
2	5725.000	41.41	33.75	5.87	-29.99	51.04	125.30	74.26	PK	Horizontal
3	5799.743	92.12	34.20	5.91	-29.98	102.25	125.30	23.05	PK	Horizontal
4	5850.000	41.93	34.00	5.94	-29.97	51.90	125.27	73.37	PK	Horizontal
5	5877.416	43.66	34.05	5.95	-29.97	53.69	103.51	49.82	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AX40 5795 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

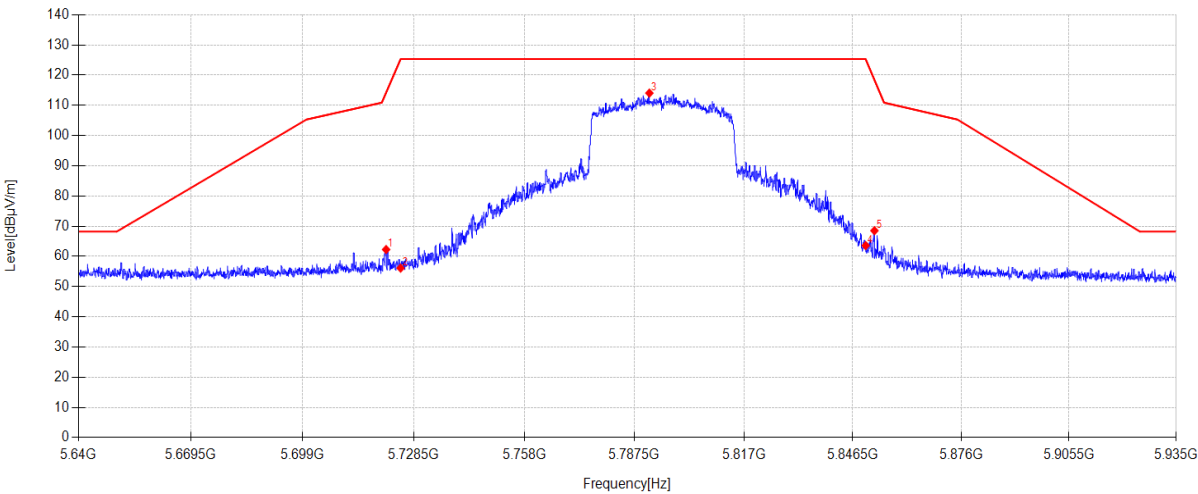
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5721.155	52.65	33.73	5.87	-29.99	62.26	114.22	51.96	PK	Vertical
2	5725.000	46.47	33.75	5.87	-29.99	56.10	125.30	69.20	PK	Vertical
3	5791.542	103.98	34.15	5.91	-29.98	114.06	125.30	11.24	PK	Vertical
4	5850.000	53.60	34.00	5.94	-29.97	63.57	125.27	61.70	PK	Vertical
5	5852.400	58.54	34.00	5.94	-29.97	68.51	118.39	49.88	PK	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AC80 5775 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

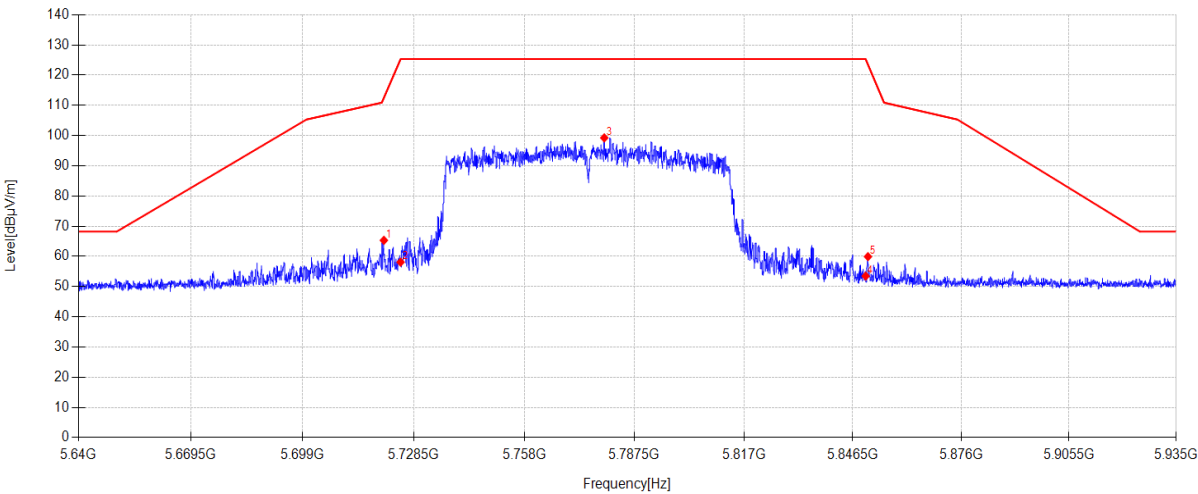
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Memo:

Sample Number:S24052212-002 Power Setting:20

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	5720.565	55.71	33.72	5.87	-29.99	65.31	112.53	47.22	PK	Horizontal
2	5725.000	48.45	33.75	5.87	-29.99	58.08	125.30	67.22	PK	Horizontal
3	5779.417	89.24	34.08	5.90	-29.98	99.24	125.30	26.06	PK	Horizontal
4	5850.000	43.50	34.00	5.94	-29.97	53.47	125.27	71.80	PK	Horizontal
5	5850.630	49.94	34.00	5.94	-29.97	59.91	123.49	63.58	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AC80 5775 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

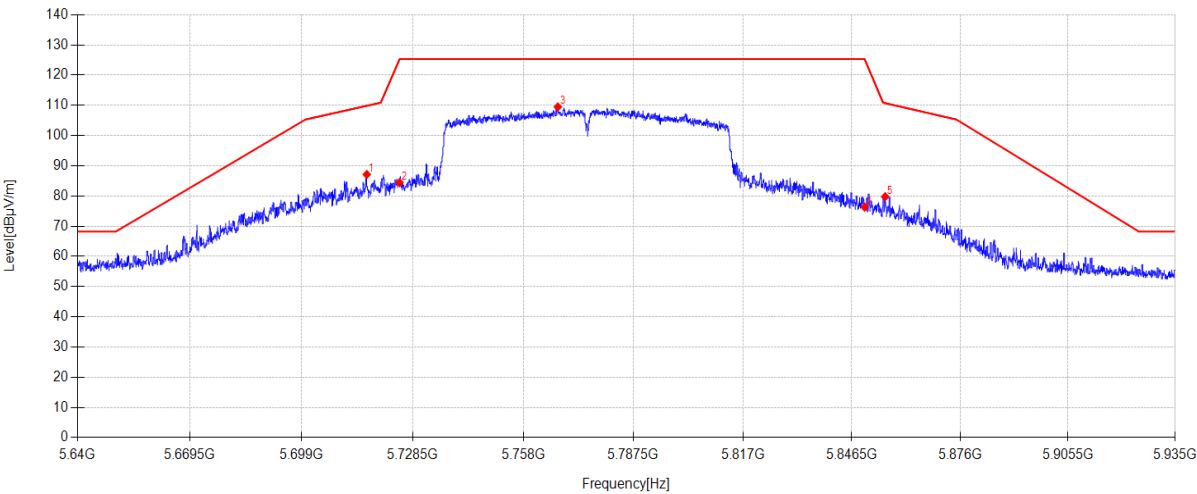
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5716.287	77.53	33.70	5.87	-29.99	87.11	109.86	22.75	PK	Vertical
2	5725.000	74.77	33.75	5.87	-29.99	84.40	125.30	40.90	PK	Vertical
3	5767.234	99.58	34.00	5.89	-29.98	109.49	125.30	15.81	PK	Vertical
4	5850.000	66.34	34.00	5.94	-29.97	76.31	125.27	48.96	PK	Vertical
5	5855.586	69.78	34.01	5.94	-29.97	79.76	110.74	30.98	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AX80 5775 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

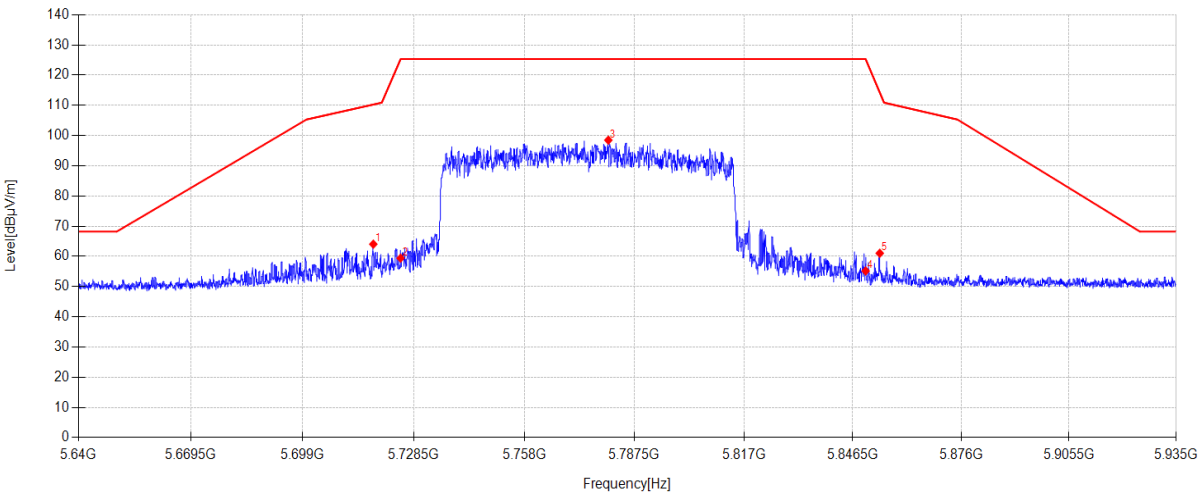
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5717.762	54.45	33.71	5.87	-29.99	64.04	110.27	46.23	PK	Horizontal
2	5725.000	49.78	33.75	5.87	-29.99	59.41	125.30	65.89	PK	Horizontal
3	5780.509	88.47	34.08	5.90	-29.98	98.47	125.30	26.83	PK	Horizontal
4	5850.000	45.21	34.00	5.94	-29.97	55.18	125.27	70.09	PK	Horizontal
5	5853.846	51.05	34.01	5.94	-29.97	61.03	114.22	53.19	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:

2024-07-30

Tested By:

GenLiu

EUT:

Dual-band WiFi6 AX3000 Router

Model Number:

Flow AX3006

Test Mode:

ANT1+2 AX80 5775 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

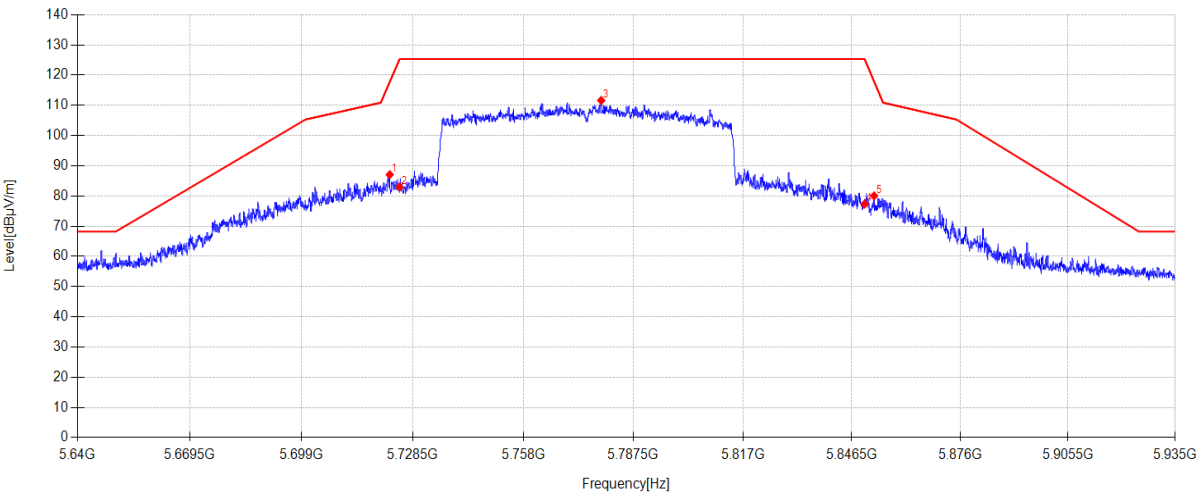
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Memo:

Sample Number:S24052212-002 Power Setting:20

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.394	77.44	33.73	5.87	-29.99	87.05	117.79	30.74	PK	Vertical
2	5725.000	73.38	33.75	5.87	-29.99	83.01	125.30	42.29	PK	Vertical
3	5778.857	101.62	34.07	5.90	-29.98	111.61	125.30	13.69	PK	Vertical
4	5850.000	67.34	34.00	5.94	-29.97	77.31	125.27	47.96	PK	Vertical
5	5852.577	70.06	34.01	5.94	-29.97	80.04	117.88	37.84	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.

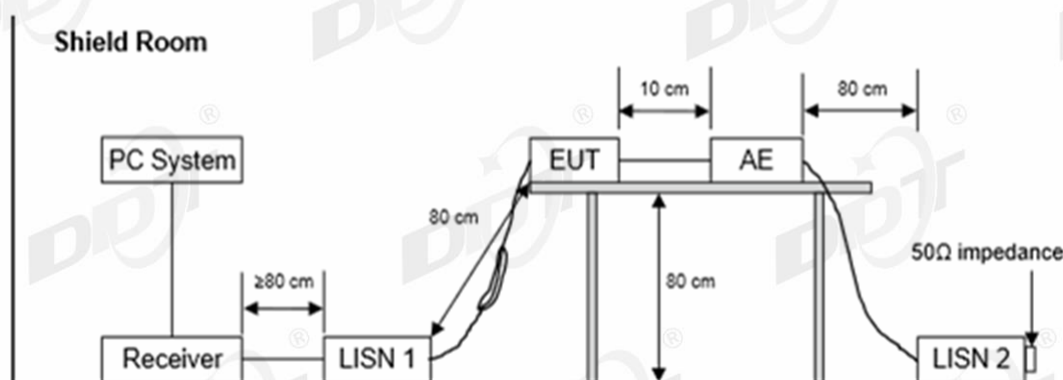
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14.Power Line Conducted Emissions

14.1. Test equipment

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

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

: 2024-06-26

EUT

: Dual-band WiFi6 AX3000 Router

Power Supply

: AC 120V/60Hz

Condition

: Temp:21.5°C,Humi:51.8%

Memo

:

D:\2024 Report Date\Q24052212-2E\0626 CE.EM6

Tested By

: Genliu

Model Number

: Flow AX3006

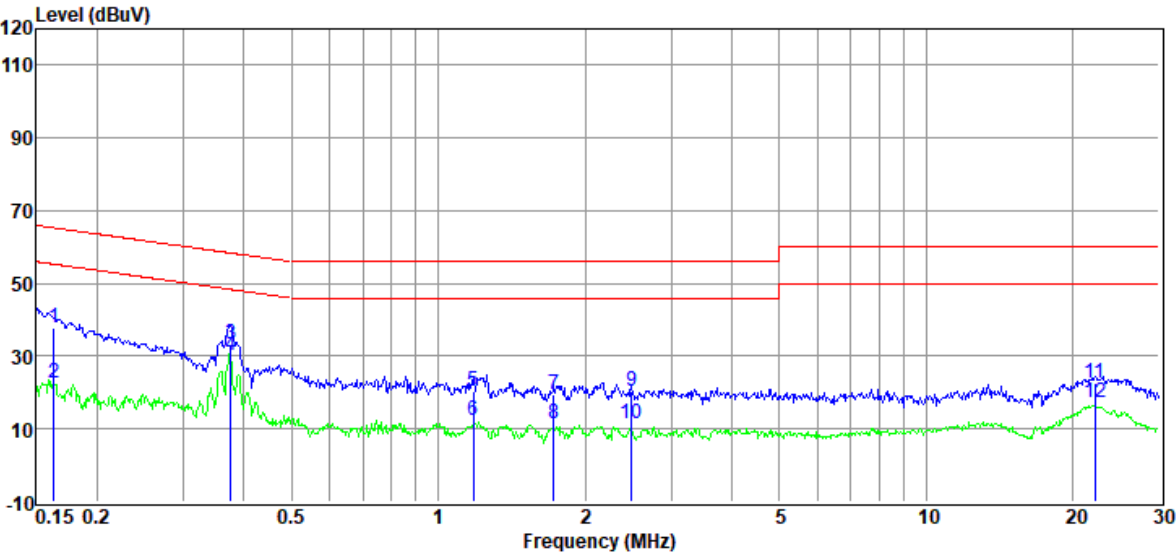
Test Mode

: 5G mode

LISN

: 2023 ENV 216 3#/LINE

Data: 6



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	17.98	9.64	0.11	9.94	37.67	65.30	-27.63	QP	LINE
2	0.16	2.87	9.64	0.11	9.94	22.56	55.30	-32.74	Average	LINE
3	0.38	13.27	9.89	0.13	9.95	33.24	58.39	-25.15	QP	LINE
4	0.38	10.38	9.89	0.13	9.95	30.35	48.39	-18.04	Average	LINE
5	1.18	0.82	9.47	0.25	9.97	20.51	56.00	-35.49	QP	LINE
6	1.18	-7.14	9.47	0.25	9.97	12.55	46.00	-33.45	Average	LINE
7	1.73	-0.49	9.66	0.26	9.99	19.42	56.00	-36.58	QP	LINE
8	1.73	-8.28	9.66	0.26	9.99	11.63	46.00	-34.37	Average	LINE
9	2.49	0.21	9.73	0.26	10.00	20.20	56.00	-35.80	QP	LINE
10	2.49	-8.71	9.73	0.26	10.00	11.28	46.00	-34.72	Average	LINE
11	22.18	2.06	9.96	0.35	10.09	22.46	60.00	-37.54	QP	LINE
12	22.18	-3.36	9.96	0.35	10.09	17.04	50.00	-32.96	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 : 2024-06-26

EUT : Dual-band WiFi6 AX3000 Router

Power Supply : AC 120V/60Hz

Condition : Temp:21.5°C,Humi:51.8%

Memo :

D:\2024 Report Date\Q24052212-2E\0626 CE.EM6

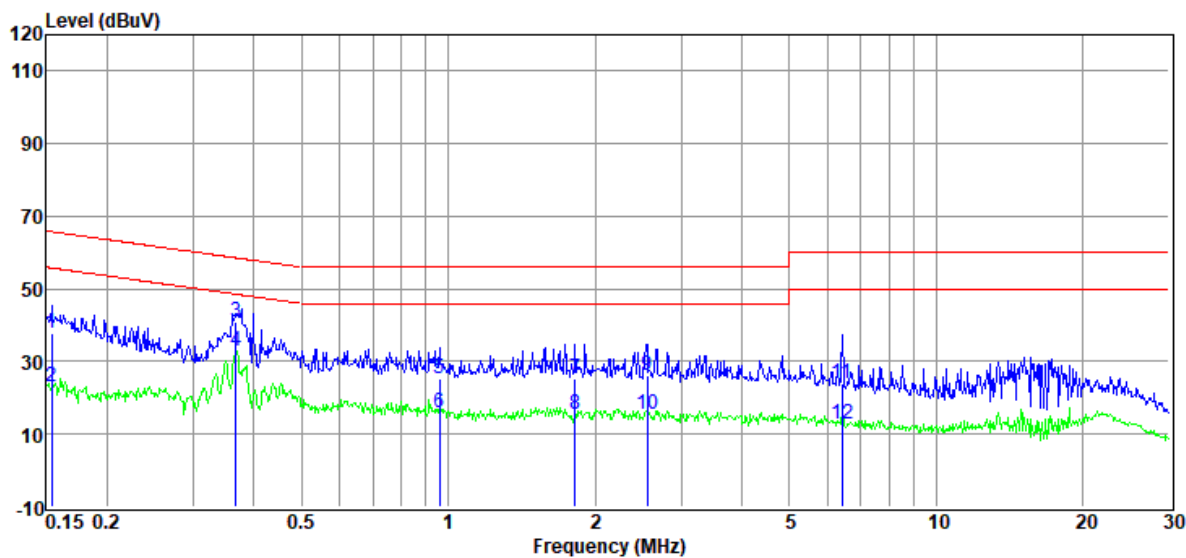
Tested By : Genliu

Model Number : Flow AX3006

Test Mode : 5G mode

LISN : 2023 ENV 216 3#/NEUTRAL

Data: 8



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	18.13	9.80	0.10	9.94	37.97	65.78	-27.81	QP	NEUTRAL
2	0.15	3.41	9.80	0.10	9.94	23.25	55.78	-32.53	Average	NEUTRAL
3	0.37	20.73	9.97	0.12	9.95	40.77	58.56	-17.79	QP	NEUTRAL
4	0.37	12.99	9.97	0.12	9.95	33.03	48.56	-15.53	Average	NEUTRAL
5	0.96	5.17	9.85	0.24	9.97	25.23	56.00	-30.77	QP	NEUTRAL
6	0.96	-4.32	9.85	0.24	9.97	15.74	46.00	-30.26	Average	NEUTRAL
7	1.82	4.84	10.00	0.26	9.99	25.09	56.00	-30.91	QP	NEUTRAL
8	1.82	-4.70	10.00	0.26	9.99	15.55	46.00	-30.45	Average	NEUTRAL
9	2.55	6.08	9.63	0.26	10.00	25.97	56.00	-30.03	QP	NEUTRAL
10	2.55	-4.31	9.63	0.26	10.00	15.58	46.00	-30.42	Average	NEUTRAL
11	6.42	3.64	9.87	0.27	10.03	23.81	60.00	-36.19	QP	NEUTRAL
12	6.42	-7.44	9.87	0.27	10.03	12.73	50.00	-37.27	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-Q24052212-1E appendix I

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