

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-04-29

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11AC40 TX 5710MHz ANT1+2+3

Power Supply:AC 120V/60Hz

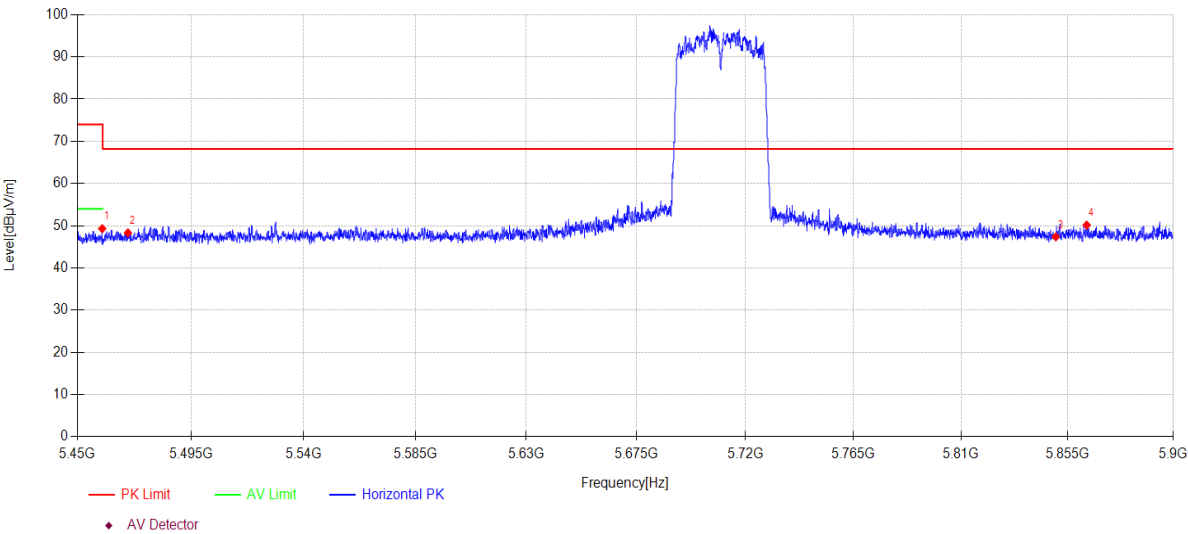
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5720\13

Memo:Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5459.810	10.57	33.00	5.74	0.00	49.31	74.00	24.69	PK	Horizontal
2	5470.000	9.56	33.00	5.75	0.00	48.31	68.20	19.89	PK	Horizontal
3	5850.000	7.42	34.00	5.94	0.00	47.36	68.20	20.84	PK	Horizontal
4	5863.100	10.18	34.03	5.94	0.00	50.15	68.20	18.05	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC40 TX 5710MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

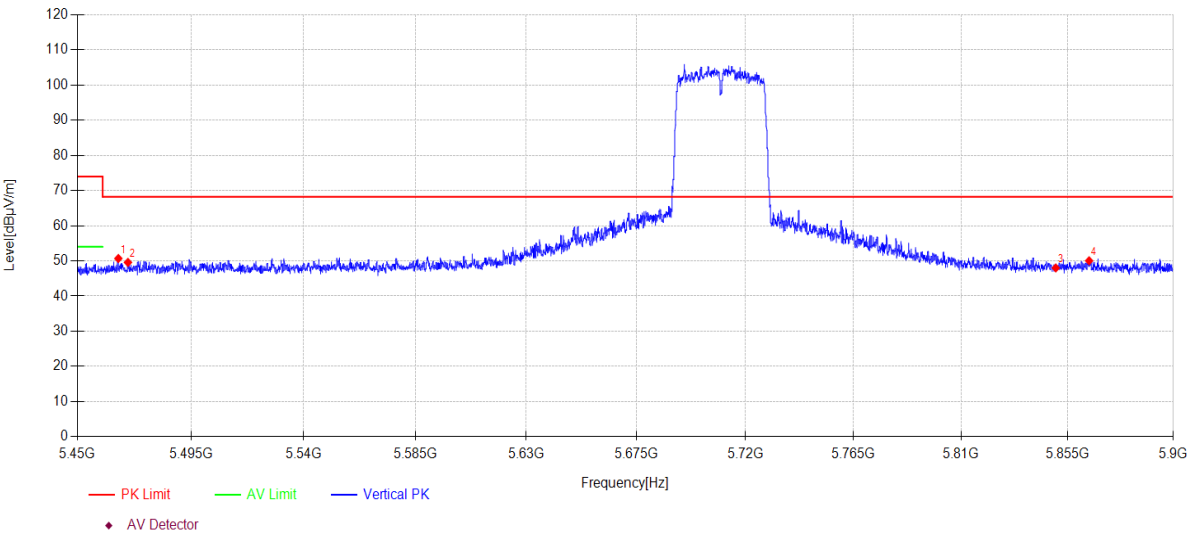
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5466.200	11.95	33.00	5.74	0.00	50.69	68.20	17.51	PK	Vertical
2	5470.000	10.82	33.00	5.75	0.00	49.57	68.20	18.63	PK	Vertical
3	5850.000	8.06	34.00	5.94	0.00	48.00	68.20	20.20	PK	Vertical
4	5864.135	10.07	34.03	5.94	0.00	50.04	68.20	18.16	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:2024-04-29

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11AX40 TX 5710MHz ANT1+2+3

Power Supply:AC 120V/60Hz

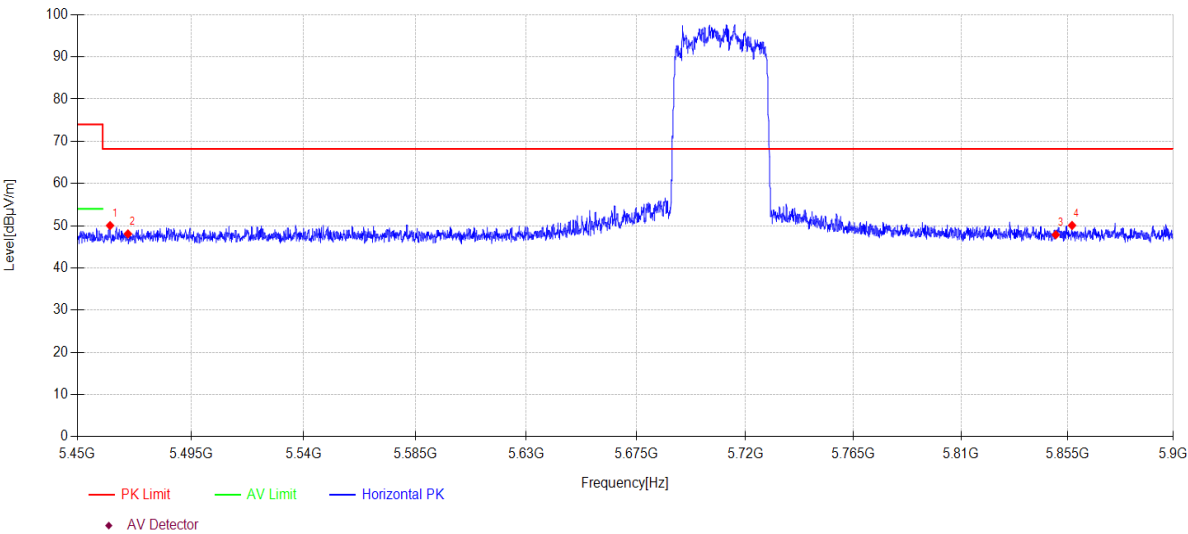
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Test Site:DDT 3# Chamber

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Memo:Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5462.915	11.30	33.00	5.74	0.00	50.04	68.20	18.16	PK	Horizontal
2	5470.000	9.32	33.00	5.75	0.00	48.07	68.20	20.13	PK	Horizontal
3	5850.000	7.93	34.00	5.94	0.00	47.87	68.20	20.33	PK	Horizontal
4	5856.890	10.12	34.01	5.94	0.00	50.07	68.20	18.13	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX40 TX 5710MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

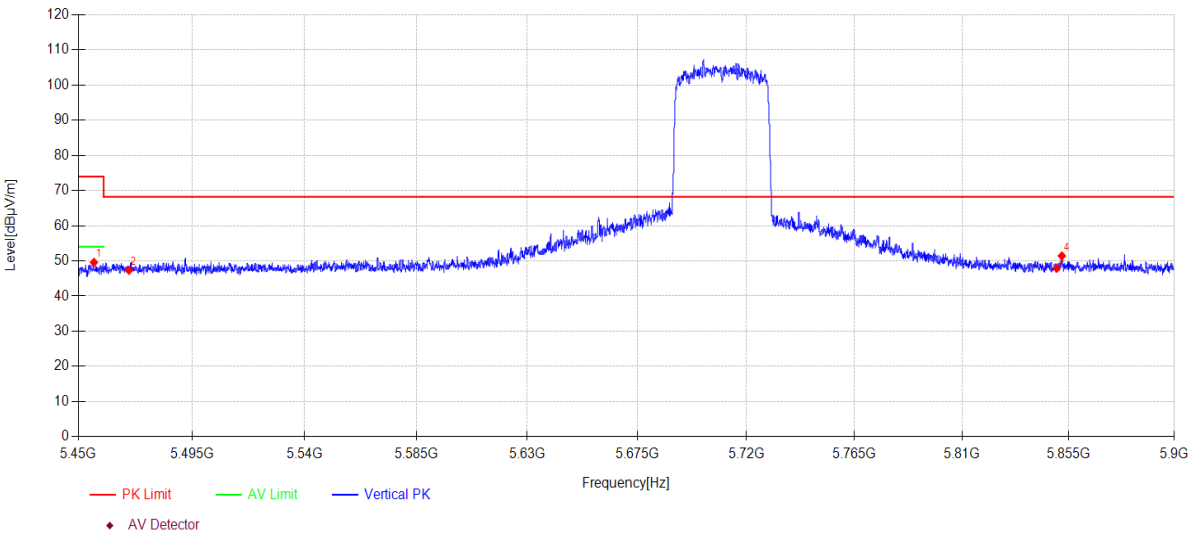
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5456.165	10.85	33.00	5.74	0.00	49.59	74.00	24.41	PK	Vertical
2	5470.000	8.56	33.00	5.75	0.00	47.31	68.20	20.89	PK	Vertical
3	5850.000	7.96	34.00	5.94	0.00	47.90	68.20	20.30	PK	Vertical
4	5852.165	11.49	34.00	5.94	0.00	51.43	68.20	16.77	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40 TX 5710MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

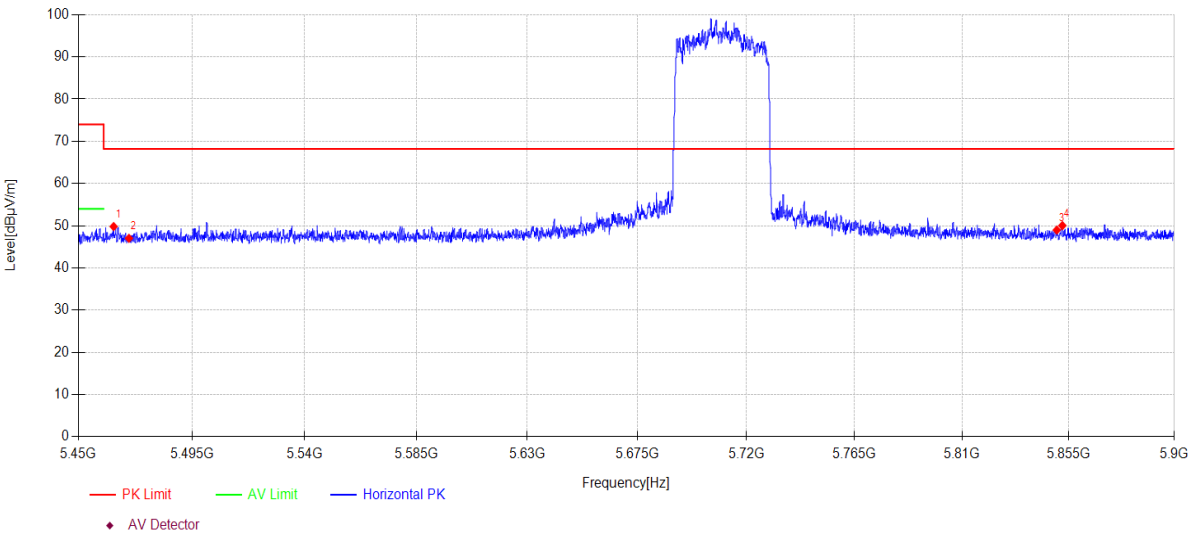
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5463.950	11.07	33.00	5.74	0.00	49.81	68.20	18.39	PK	Horizontal
2	5470.000	8.27	33.00	5.75	0.00	47.02	68.20	21.18	PK	Horizontal
3	5850.000	9.04	34.00	5.94	0.00	48.98	68.20	19.22	PK	Horizontal
4	5852.390	10.09	34.00	5.94	0.00	50.03	68.20	18.17	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40 TX 5710MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

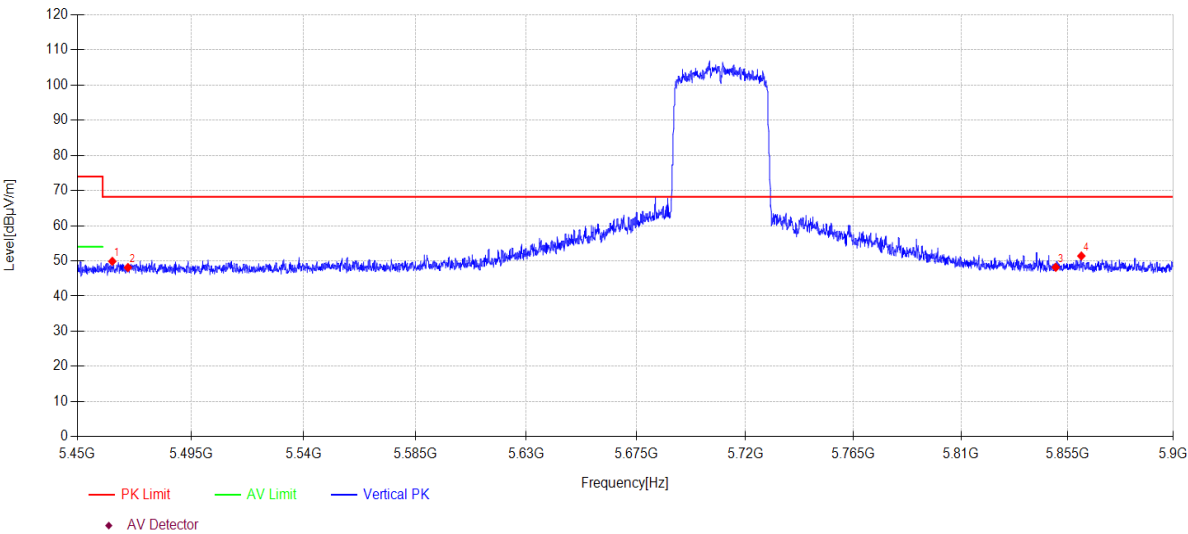
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5463.815	11.14	33.00	5.74	0.00	49.88	68.20	18.32	PK	Vertical
2	5470.000	9.36	33.00	5.75	0.00	48.11	68.20	20.09	PK	Vertical
3	5850.000	8.24	34.00	5.94	0.00	48.18	68.20	20.02	PK	Vertical
4	5860.850	11.44	34.02	5.94	0.00	51.40	68.20	16.80	PK	Vertical

Note:

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

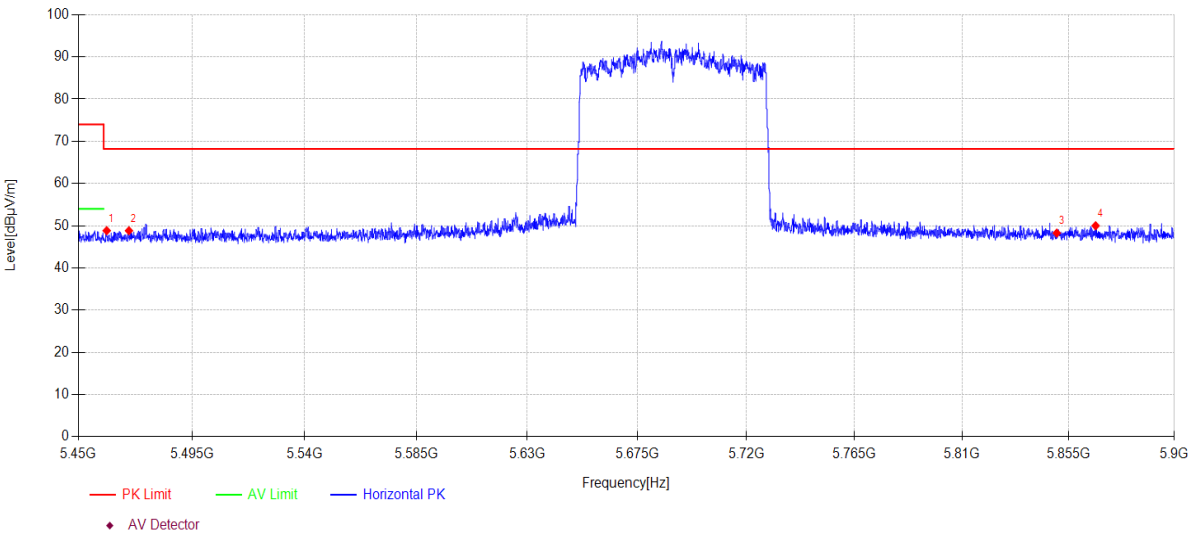
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-04-29 Tested By: Junchang Du
EUT: Wireless Access Point Model Number: RG-RAP73Pro
Test Mode: 11AC80 TX 5690MHz ANT1+2+3 Power Supply: AC 120V/60Hz
Condition: Temp:23.4°C;Humi:62.3% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5720\19
Memo: Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5461.205	10.09	33.00	5.74	0.00	48.83	68.20	19.37	PK	Horizontal
2	5470.000	10.07	33.00	5.75	0.00	48.82	68.20	19.38	PK	Horizontal
3	5850.000	8.32	34.00	5.94	0.00	48.26	68.20	19.94	PK	Horizontal
4	5866.475	10.02	34.03	5.94	0.00	49.99	68.20	18.21	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC80 TX 5690MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

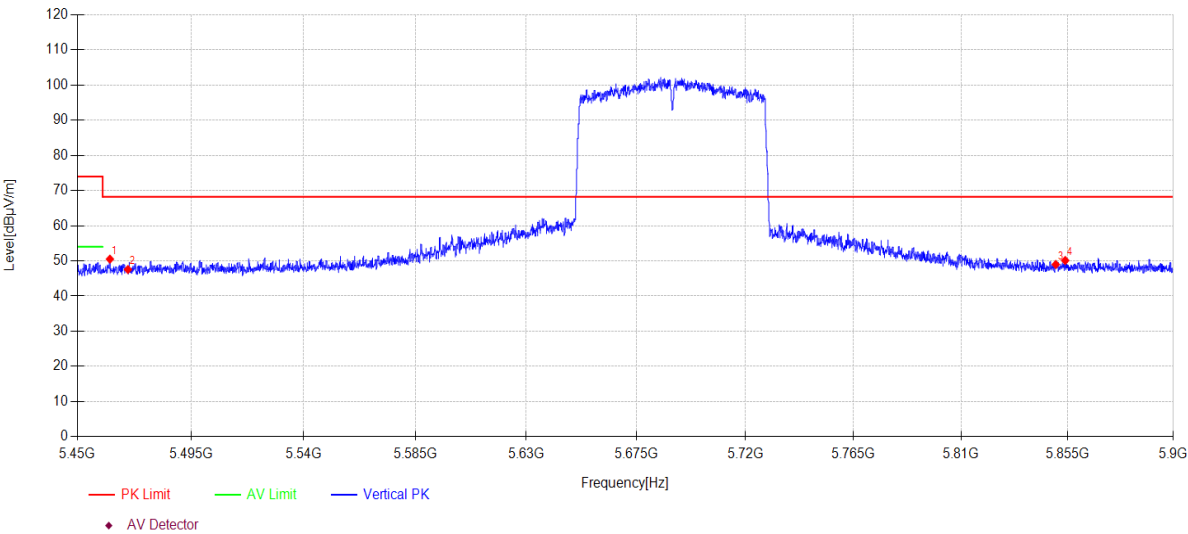
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5462.870	11.77	33.00	5.74	0.00	50.51	68.20	17.69	PK	Vertical
2	5470.000	8.81	33.00	5.75	0.00	47.56	68.20	20.64	PK	Vertical
3	5850.000	9.05	34.00	5.94	0.00	48.99	68.20	19.21	PK	Vertical
4	5854.010	10.17	34.01	5.94	0.00	50.12	68.20	18.08	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-04-29Tested By:Junchang Du

EUT:Wireless Access PointModel Number:RG-RAP73Pro

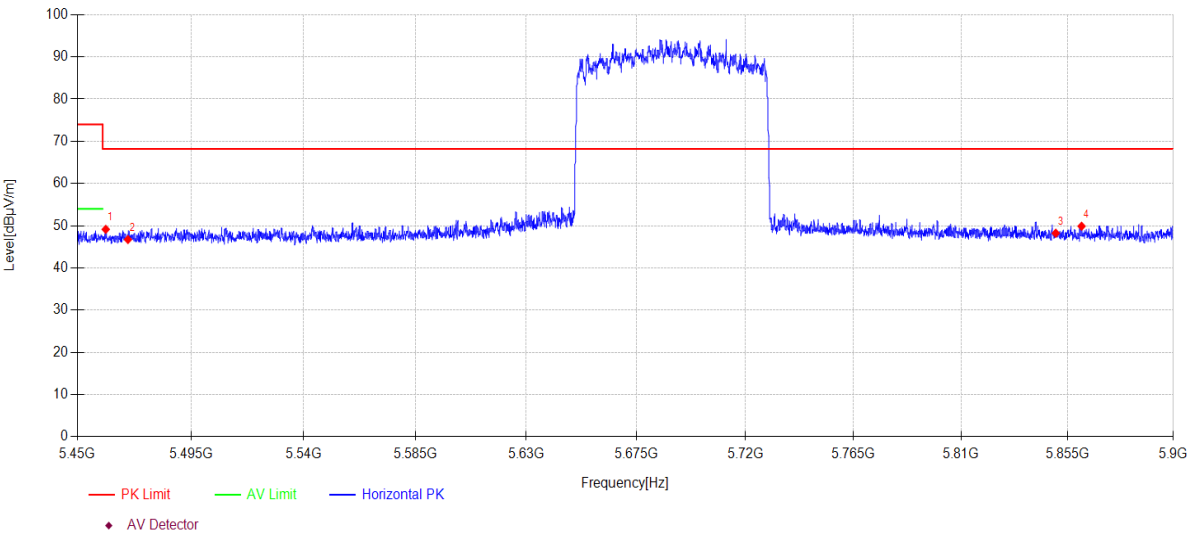
Test Mode:11AX80 TX 5690MHz ANT1+2+3Power Supply:AC 120V/60Hz

Condition:Temp:23.4°C;Humi:62.3%Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5720\21

Memo:Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5461.205	10.40	33.00	5.74	0.00	49.14	68.20	19.06	PK	Horizontal
2	5470.000	7.98	33.00	5.75	0.00	46.73	68.20	21.47	PK	Horizontal
3	5850.000	8.29	34.00	5.94	0.00	48.23	68.20	19.97	PK	Horizontal
4	5860.940	9.92	34.02	5.94	0.00	49.88	68.20	18.32	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX80 TX 5690MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

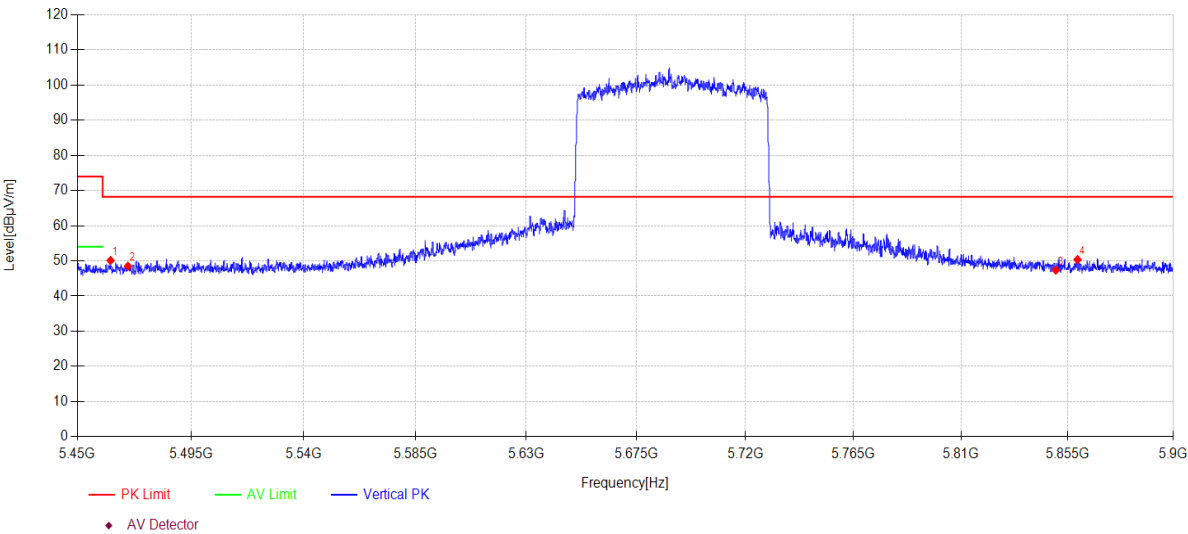
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5463.095	11.38	33.00	5.74	0.00	50.12	68.20	18.08	PK	Vertical
2	5470.000	9.76	33.00	5.75	0.00	48.51	68.20	19.69	PK	Vertical
3	5850.000	7.44	34.00	5.94	0.00	47.38	68.20	20.82	PK	Vertical
4	5859.230	10.41	34.02	5.94	0.00	50.37	68.20	17.83	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE80 TX 5690MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

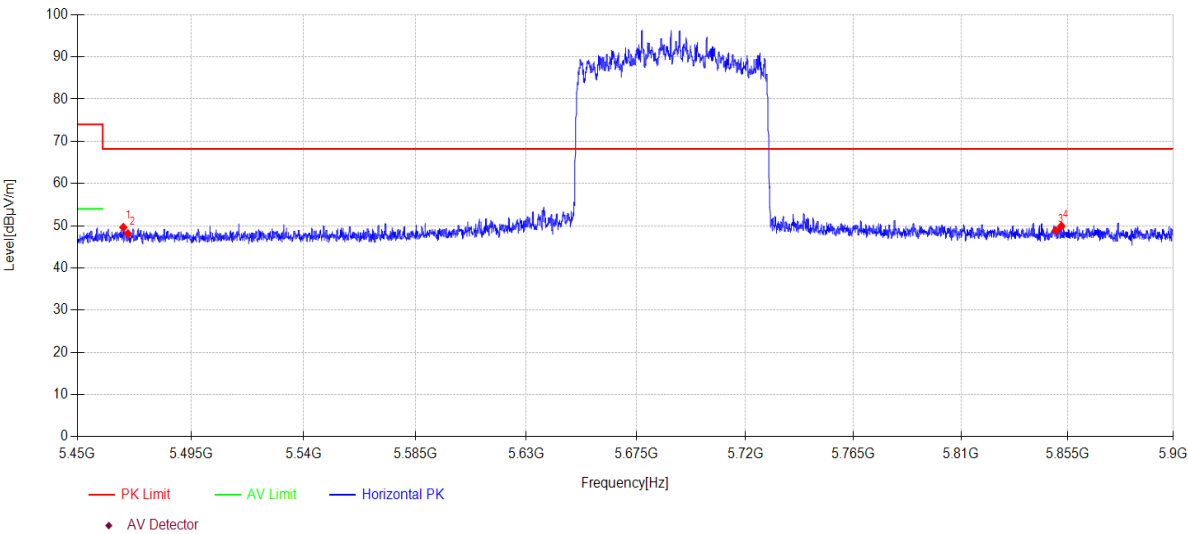
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5468.180	10.86	33.00	5.74	0.00	49.60	68.20	18.60	PK	Horizontal
2	5470.000	9.34	33.00	5.75	0.00	48.09	68.20	20.11	PK	Horizontal
3	5850.000	8.91	34.00	5.94	0.00	48.85	68.20	19.35	PK	Horizontal
4	5852.390	9.96	34.00	5.94	0.00	49.90	68.20	18.30	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE80 TX 5690MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

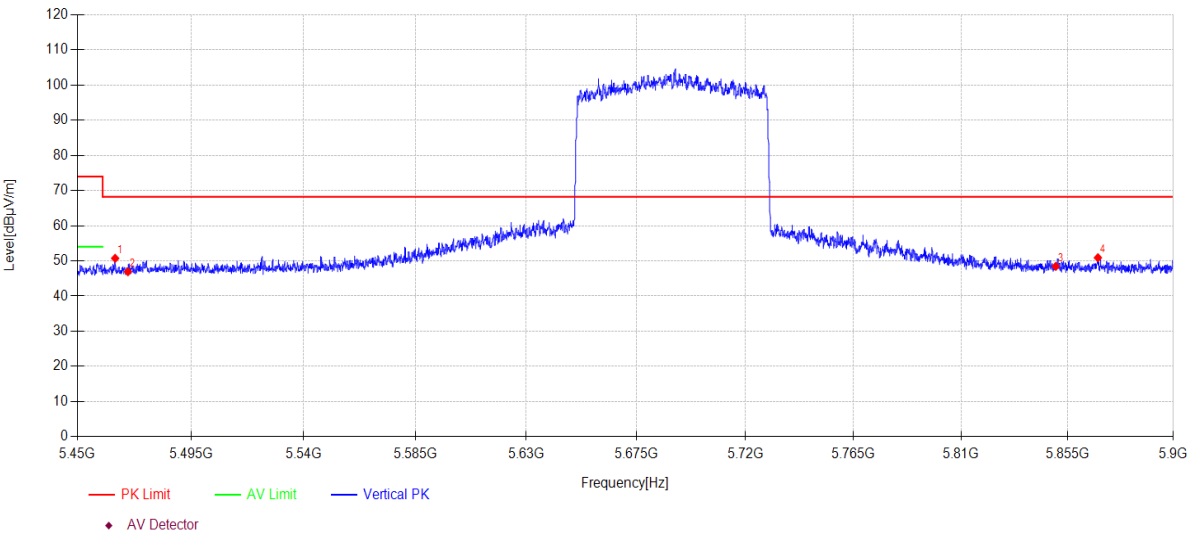
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5464.940	11.99	33.00	5.74	0.00	50.73	68.20	17.47	PK	Vertical
2	5470.000	8.17	33.00	5.75	0.00	46.92	68.20	21.28	PK	Vertical
3	5850.000	8.50	34.00	5.94	0.00	48.44	68.20	19.76	PK	Vertical
4	5867.870	10.93	34.04	5.94	0.00	50.91	68.20	17.29	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-05-31

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 2412 5700 6415MHz
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

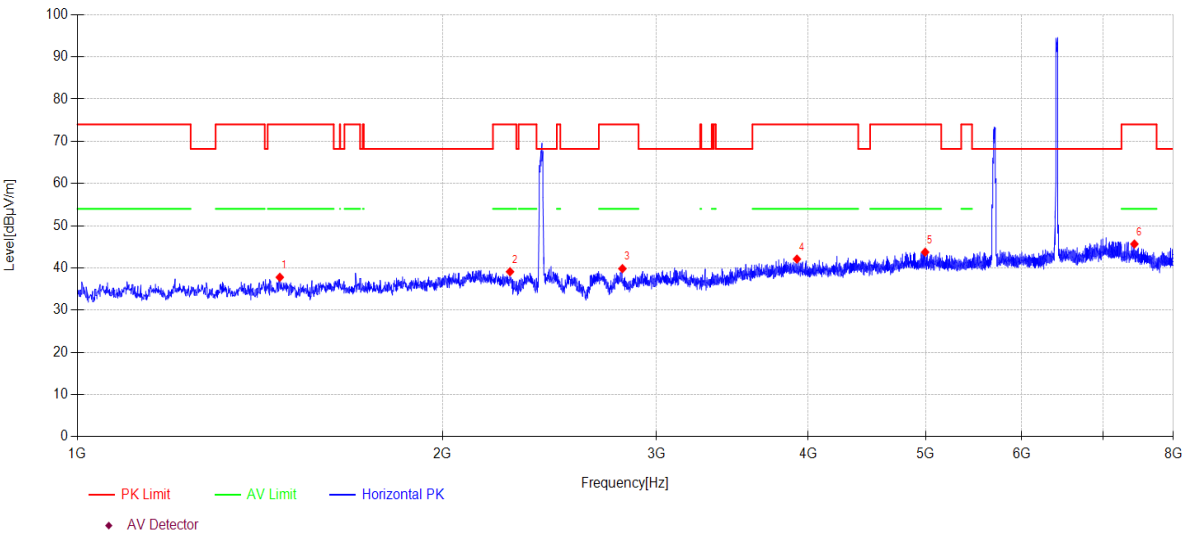
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Memo:

Sample Number:S24032709-002 Power Setting:16 12 16

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1468.300	46.33	25.37	3.03	-36.94	37.79	74.00	36.21	PK	Horizontal
2	2272.600	46.04	27.07	3.78	-37.78	39.11	74.00	34.89	PK	Horizontal
3	2813.000	47.45	27.50	4.19	-39.31	39.83	74.00	34.17	PK	Horizontal
4	3916.900	46.35	31.17	4.98	-40.40	42.10	74.00	31.90	PK	Horizontal
5	4995.600	45.12	33.19	5.51	-40.08	43.74	74.00	30.26	PK	Horizontal
6	7430.200	44.16	36.64	6.64	-41.78	45.66	74.00	28.34	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:

2024-05-31

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 2412 5700 6415MHz
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

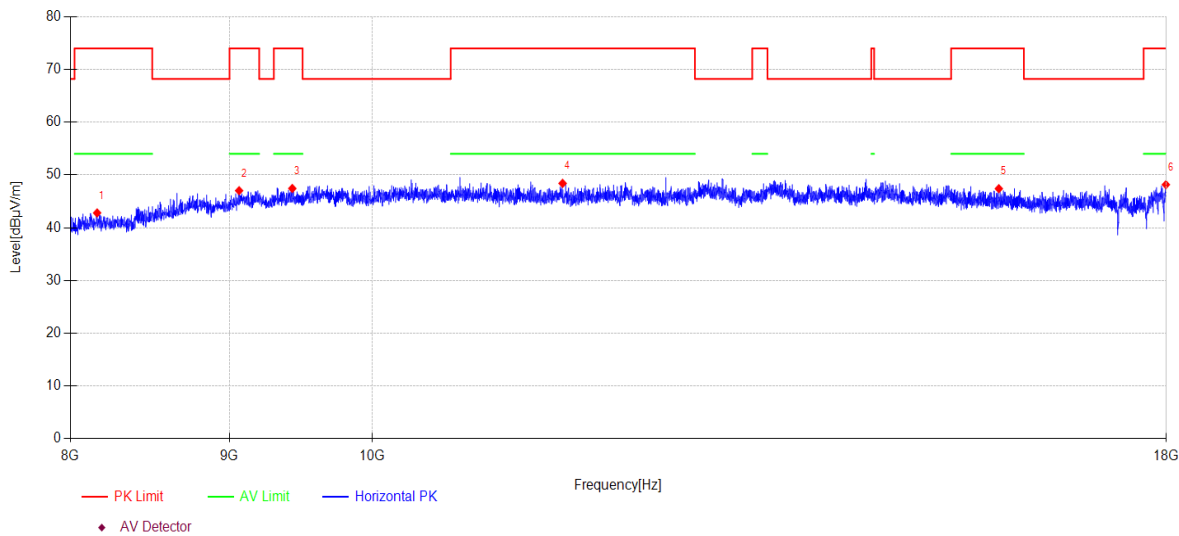
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Memo:

Sample Number:S24032709-002 Power Setting:16 12 16

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	8160.000	42.98	37.18	5.14	-42.49	42.81	74.00	31.19	PK	Horizontal
2	9064.000	42.03	38.43	5.35	-38.79	47.02	74.00	26.98	PK	Horizontal
3	9428.000	42.01	38.70	5.49	-38.76	47.44	74.00	26.56	PK	Horizontal
4	11515.000	42.56	39.17	6.01	-39.33	48.41	74.00	25.59	PK	Horizontal
5	15902.000	40.49	38.10	8.12	-39.30	47.41	74.00	26.59	PK	Horizontal
6	17994.000	38.86	42.37	9.32	-42.39	48.16	74.00	25.84	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:

2024-05-31

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 2412 5700 6415MHz
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

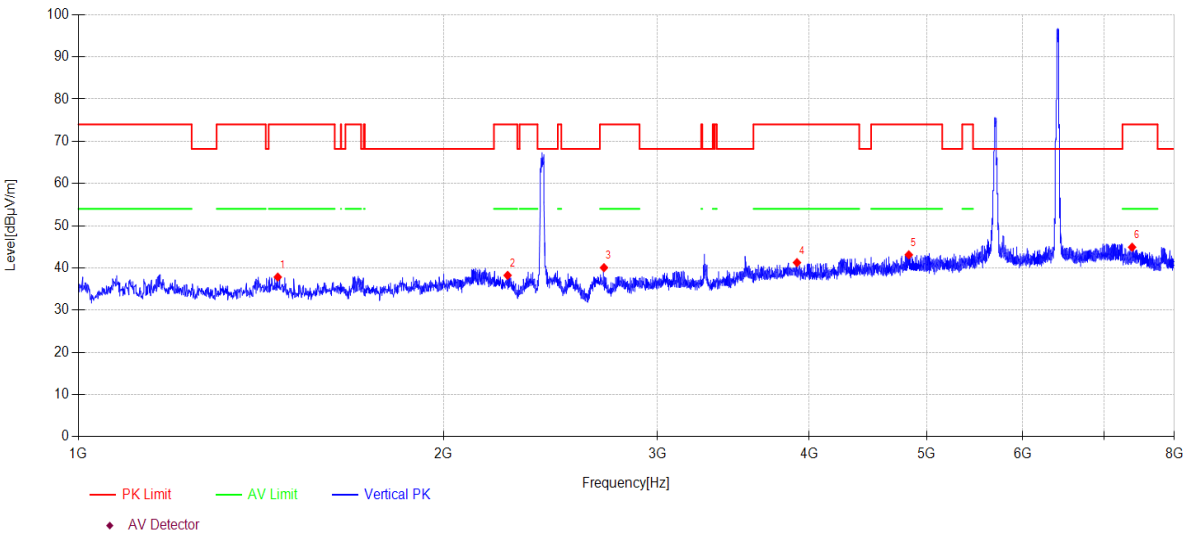
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\62

Memo:

Sample Number:S24032709-002 Power Setting:16 12 16

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1459.900	46.42	25.34	3.02	-36.94	37.84	74.00	36.16	PK	Vertical
2	2257.900	44.99	27.22	3.77	-37.74	38.24	74.00	35.76	PK	Vertical
3	2710.800	47.45	27.52	4.11	-39.02	40.06	74.00	33.94	PK	Vertical
4	3909.900	45.50	31.18	4.98	-40.40	41.26	74.00	32.74	PK	Vertical
5	4833.900	44.44	33.38	5.43	-40.14	43.11	74.00	30.89	PK	Vertical
6	7384.000	43.20	36.73	6.64	-41.66	44.91	74.00	29.09	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:2024-05-31

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11AX20 TX 2412 5700 6415MHz
ANT1+2+3

Power Supply:AC 120V/60Hz

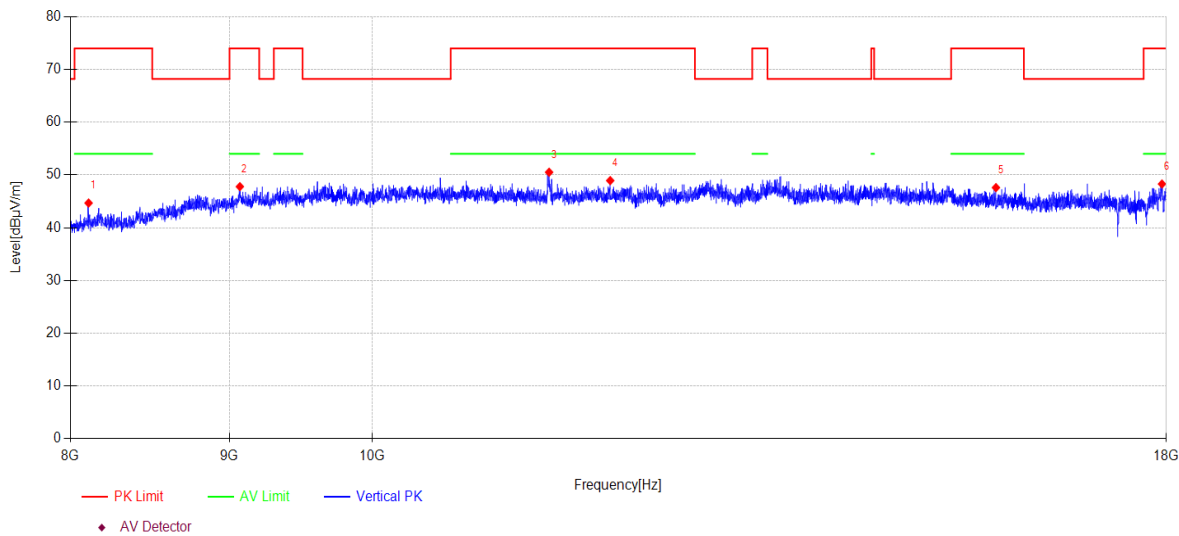
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\64

Memo:Sample Number:S24032709-002 Power Setting:16 12 16

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	8109.000	45.07	37.20	5.13	-42.72	44.68	74.00	29.32	PK	Vertical
2	9069.000	42.78	38.44	5.36	-38.79	47.79	74.00	26.21	PK	Vertical
3	11401.000	44.51	39.30	5.99	-39.28	50.52	74.00	23.48	PK	Vertical
4	11928.000	43.39	38.98	6.10	-39.53	48.94	74.00	25.06	PK	Vertical
5	15868.000	40.64	38.16	8.09	-39.28	47.61	74.00	26.39	PK	Vertical
6	17942.000	39.17	42.11	9.28	-42.27	48.29	74.00	25.71	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.

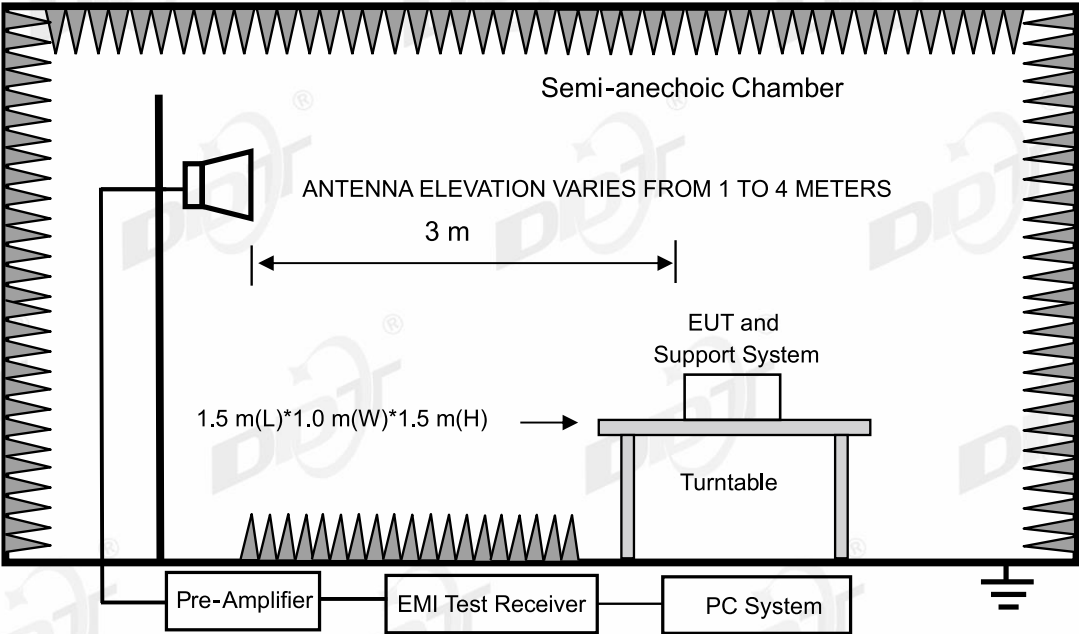
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

12. Band Edge Compliance

12.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2025/04/01
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2025/04/23
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2025/04/01
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2025/04/01
ELECTRIC AND MAGNETIC FIELD ANALYZER	Narda	EHP-200A	DDT-ZC01401	2024/09/20
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2025/04/01
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2025/04/01
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2025/04/23
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/10
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2025/04/01
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2024/07/11
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2025/09/17
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2024/07/14
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2025/04/01
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2025/04/01
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2025/04/25
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2025/04/23
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/

12.2. Block diagram of test setup



Limits

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

12.3. Assistant equipment used for test

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

12.4. Test procedure

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

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

12.5. Test result

PASS. (See below detailed test result)

Note: As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz. However, out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz peak emission limit

Note2: For 802.11be, according exploratory explorer test, when the RU SIZE is smaller, the Radiated Band Edge is worse, so for 802.11be only the smallest RU and the Full RU mode is shown in report.

12.6. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-18

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11A TX 5180MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

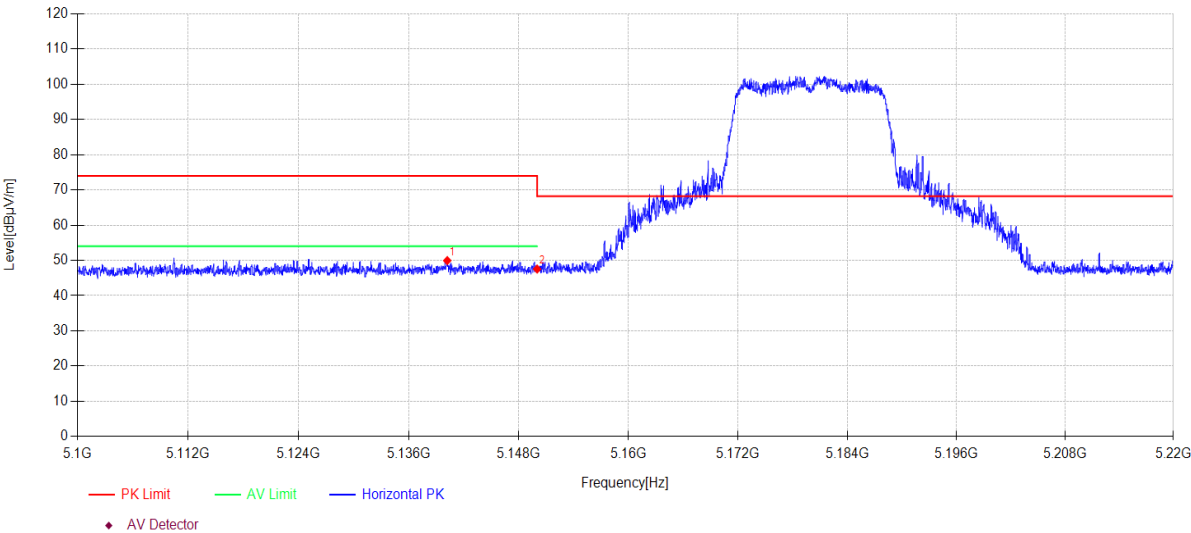
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\99

Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5140.188	10.96	33.40	5.58	0.00	49.94	74.00	24.06	PK	Horizontal
2	5150.000	8.56	33.40	5.59	0.00	47.55	68.20	20.65	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-18

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11A TX 5180MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

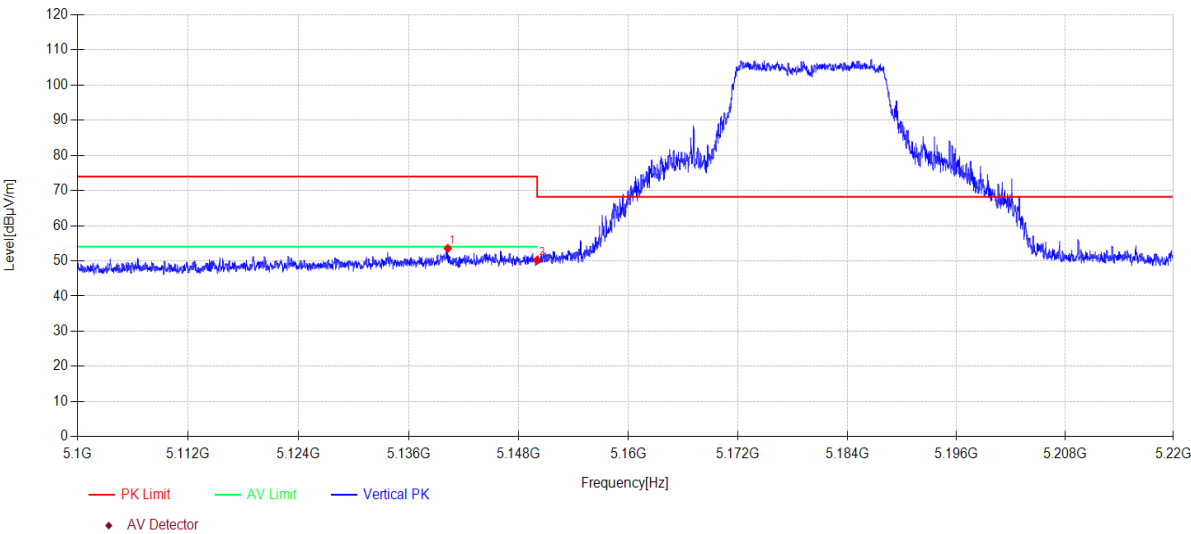
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5140.248	14.57	33.40	5.58	0.00	53.55	74.00	20.45	PK	Vertical
2	5150.000	11.23	33.40	5.59	0.00	50.22	68.20	17.98	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:

2024-04-18

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11A TX 5320MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

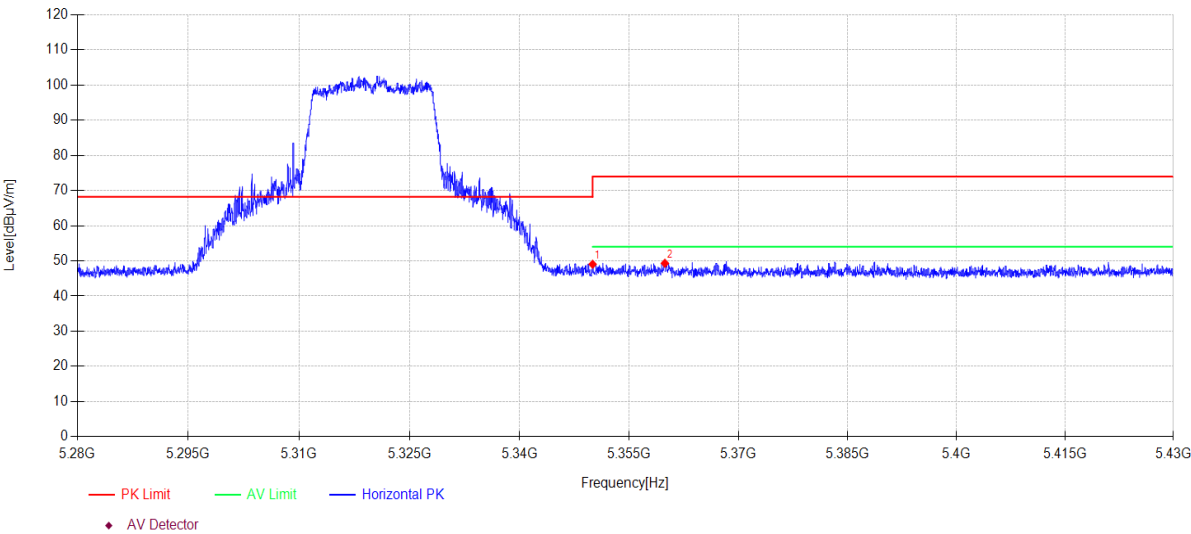
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	10.26	33.10	5.69	0.00	49.05	74.00	24.95	PK	Horizontal
2	5359.890	10.53	33.10	5.69	0.00	49.32	74.00	24.68	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-18

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11A TX 5320MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

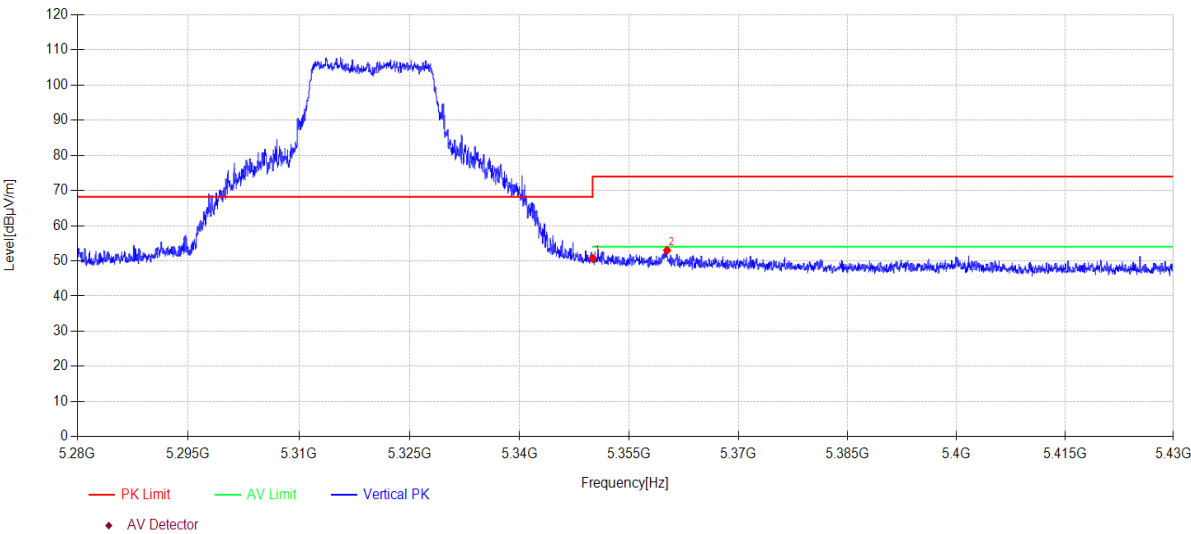
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	11.92	33.10	5.69	0.00	50.71	74.00	23.29	PK	Vertical
2	5360.190	14.22	33.10	5.69	0.00	53.01	74.00	20.99	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:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11N20 TX 5180MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

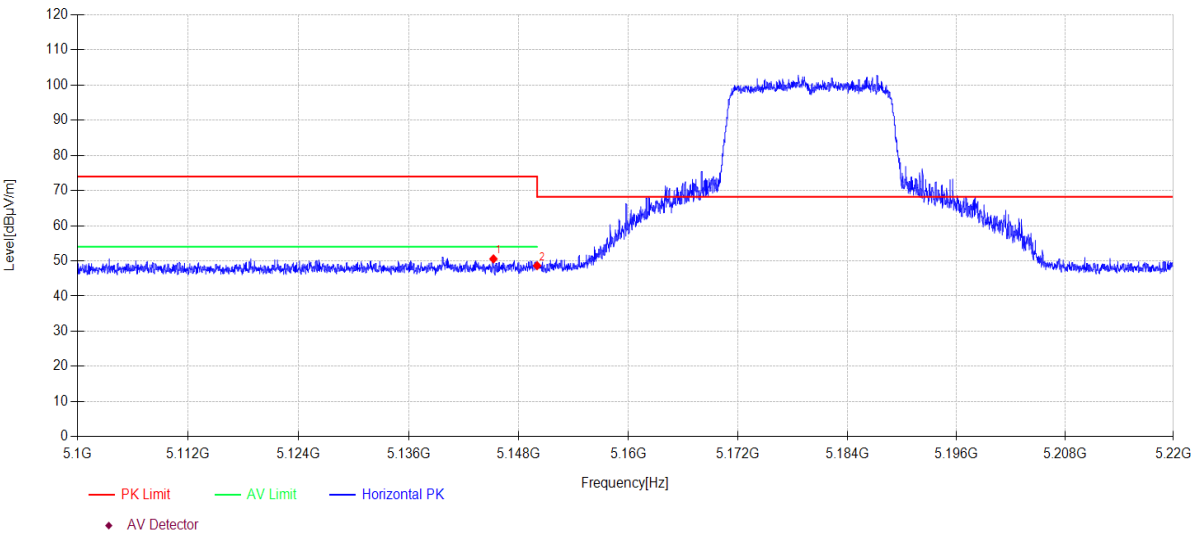
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5145.228	11.58	33.40	5.58	0.00	50.56	74.00	23.44	PK	Horizontal
2	5150.000	9.65	33.40	5.59	0.00	48.64	68.20	19.56	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11N20 TX 5180MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

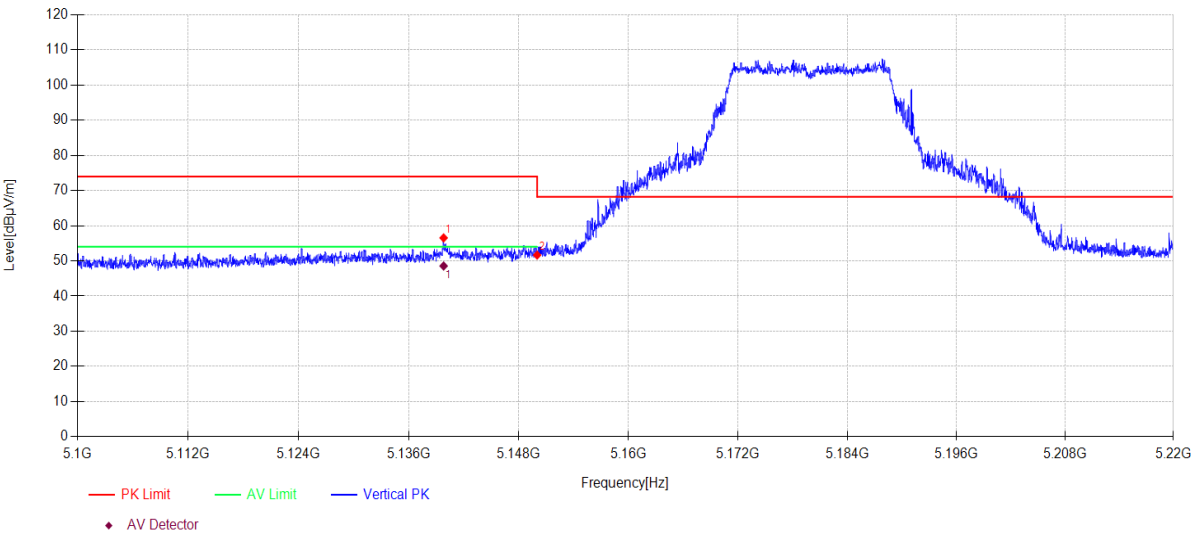
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5139.792	17.55	33.40	5.58	0.00	56.53	74.00	17.47	PK	Vertical
2	5150.000	12.66	33.40	5.59	0.00	51.65	68.20	16.55	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5139.792	9.58	33.40	5.58	0.00	48.56	54.0	5.44	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:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11N20 TX 5320MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

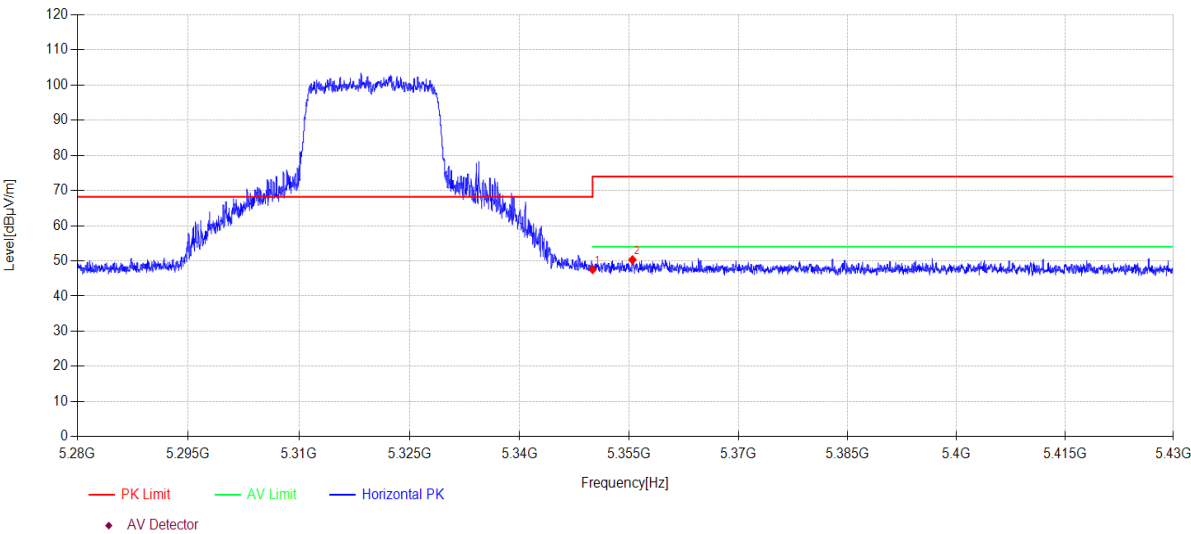
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	8.76	33.10	5.69	0.00	47.55	74.00	26.45	PK	Horizontal
2	5355.450	11.53	33.10	5.69	0.00	50.32	74.00	23.68	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:2024-04-10Tested By:Junchang Du

EUT:Wireless Access PointModel Number:RG-RAP73Pro

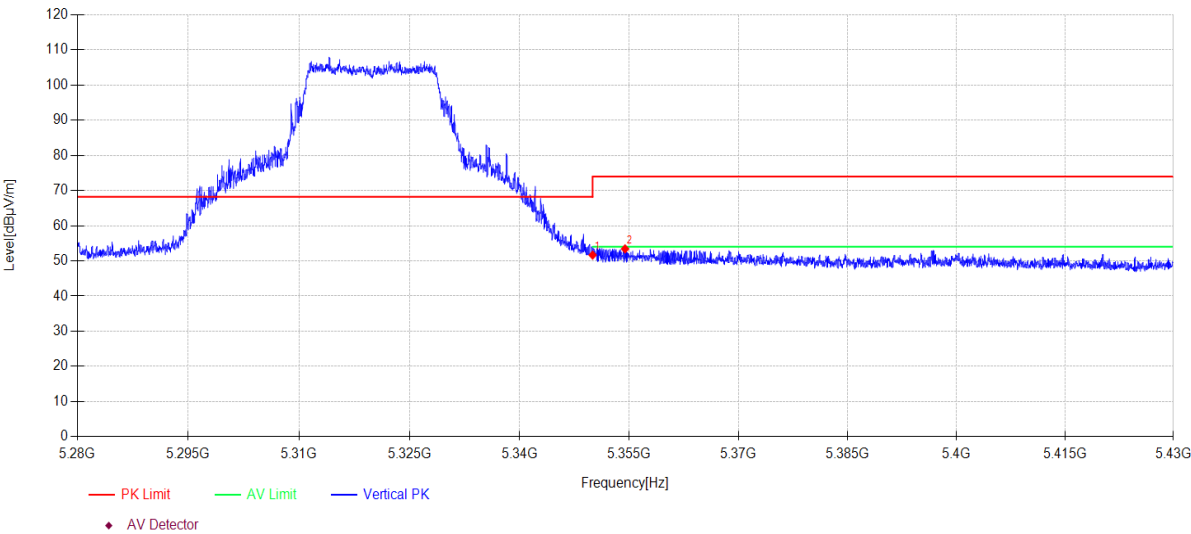
Test Mode:11N20 TX 5320MHz ANT1+2+3Power Supply:AC 120V/60Hz

Condition:Temp:23.4°C;Humi:62.3%Test Site:DDT 3# Chamber

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Memo:Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	12.87	33.10	5.69	0.00	51.66	74.00	22.34	PK	Vertical
2	5354.430	14.63	33.10	5.69	0.00	53.42	74.00	20.58	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:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC20 TX 5180MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

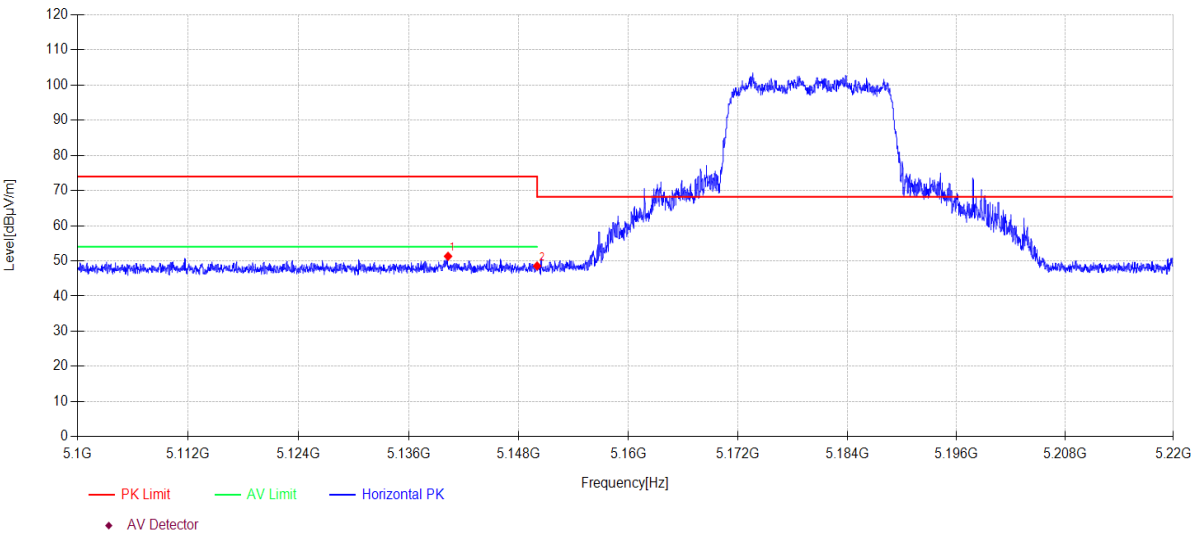
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5140.272	12.33	33.40	5.58	0.00	51.31	74.00	22.69	PK	Horizontal
2	5150.000	9.57	33.40	5.59	0.00	48.56	68.20	19.64	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC20 TX 5180MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

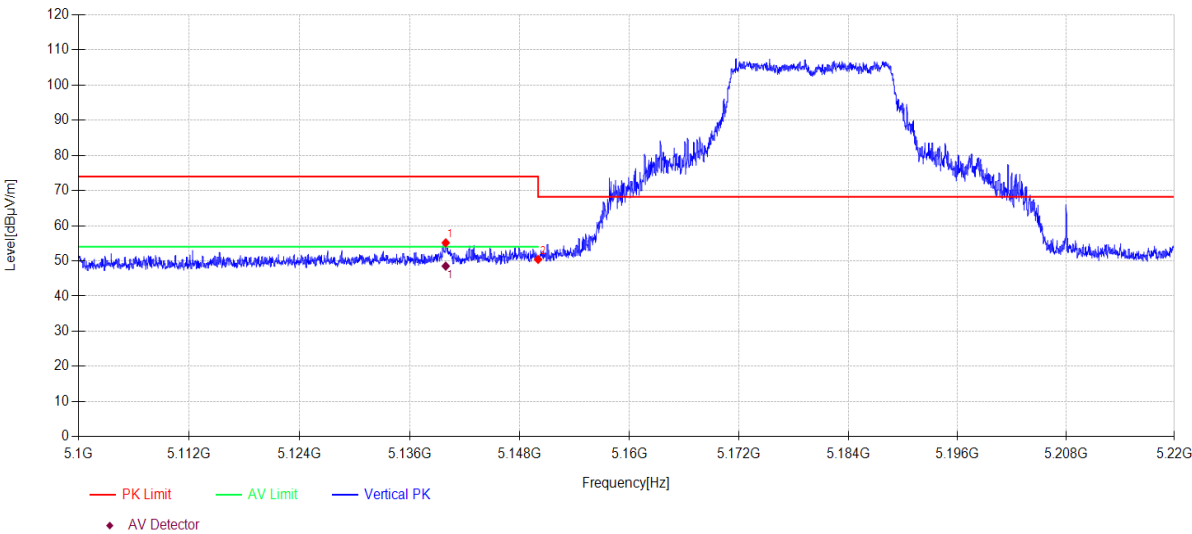
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5139.912	16.17	33.40	5.58	0.00	55.15	74.00	18.85	PK	Vertical
2	5150.000	11.43	33.40	5.59	0.00	50.42	68.20	17.78	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5139.912	9.54	33.40	5.58	0.00	48.52	54.0	5.48	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:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC20 TX 5320MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

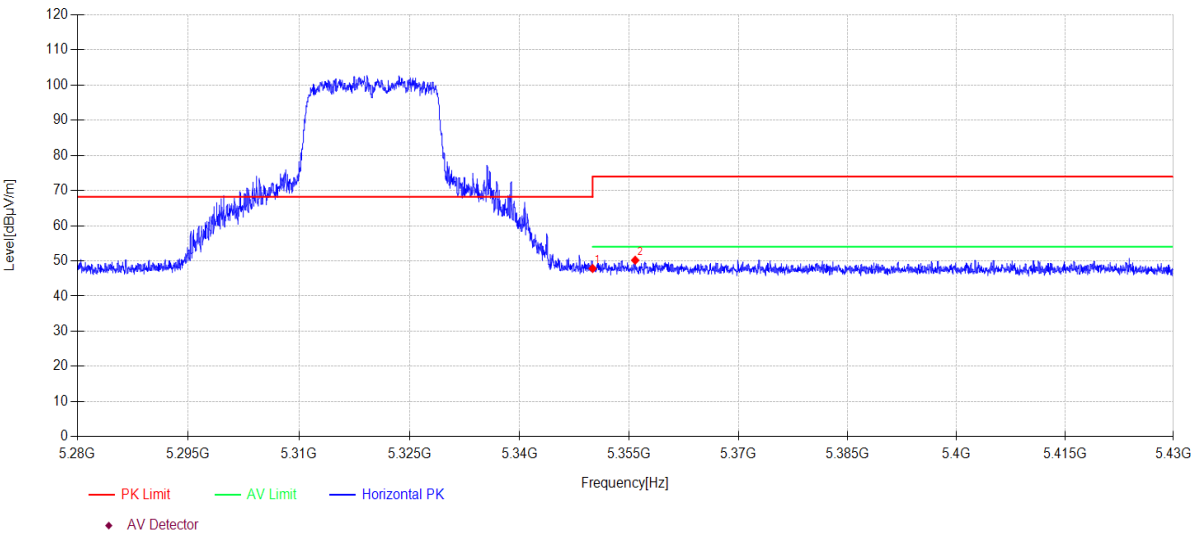
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\57

Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	9.05	33.10	5.69	0.00	47.84	74.00	26.16	PK	Horizontal
2	5355.825	11.39	33.10	5.69	0.00	50.18	74.00	23.82	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC20 TX 5320MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

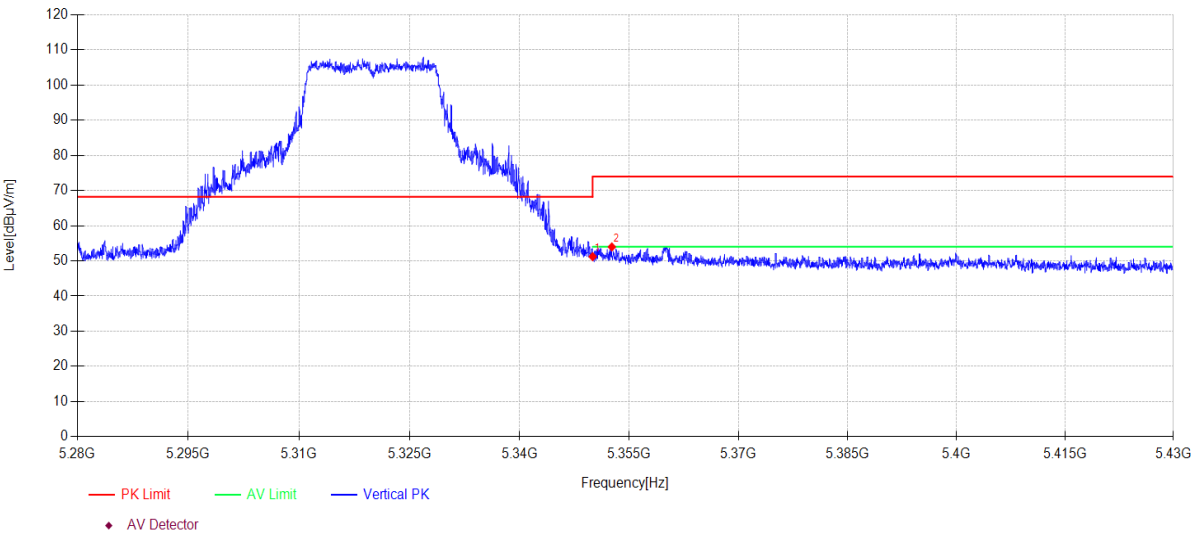
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\58

Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	12.42	33.10	5.69	0.00	51.21	74.00	22.79	PK	Vertical
2	5352.630	15.18	33.10	5.69	0.00	53.97	74.00	20.03	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5180MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

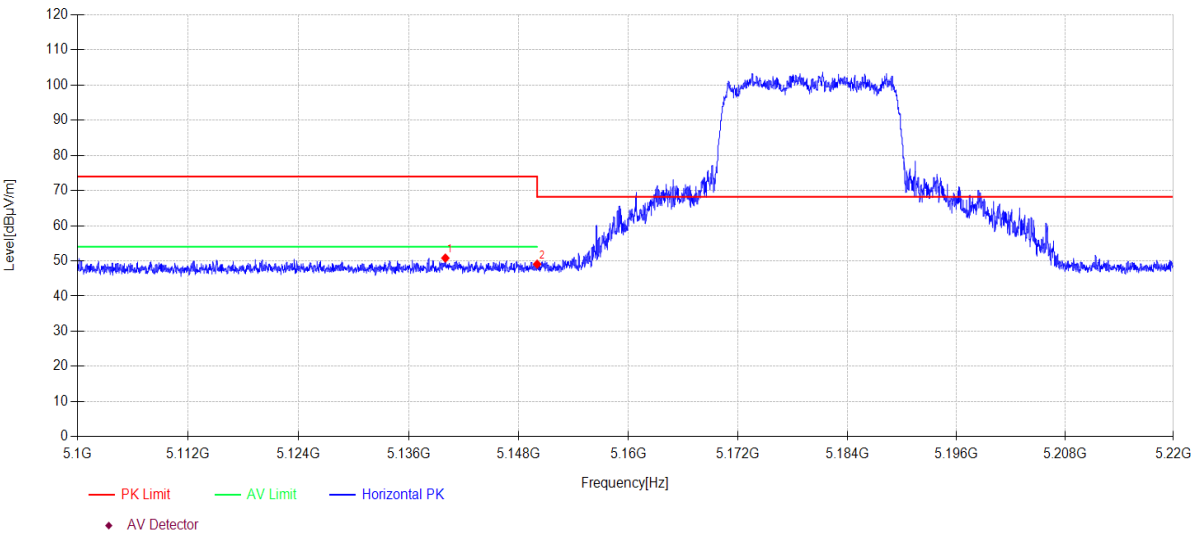
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\59

Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5139.984	11.82	33.40	5.58	0.00	50.80	74.00	23.20	PK	Horizontal
2	5150.000	10.09	33.40	5.59	0.00	49.08	68.20	19.12	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5180MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

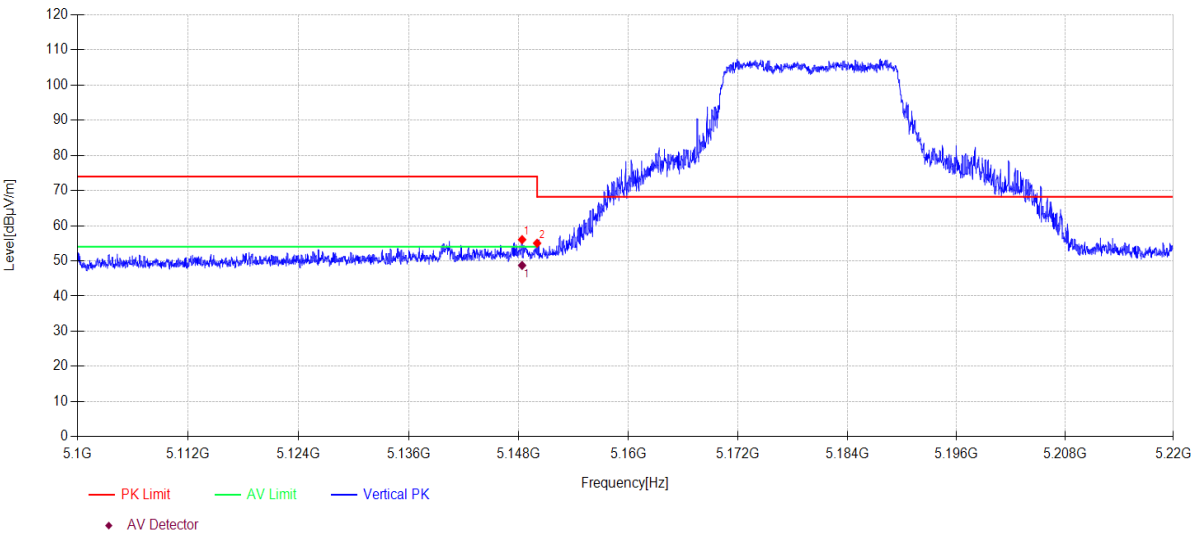
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\60

Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.360	17.07	33.40	5.58	0.00	56.05	74.00	17.95	PK	Vertical
2	5150.000	16.03	33.40	5.59	0.00	55.02	68.20	13.18	PK	Vertical

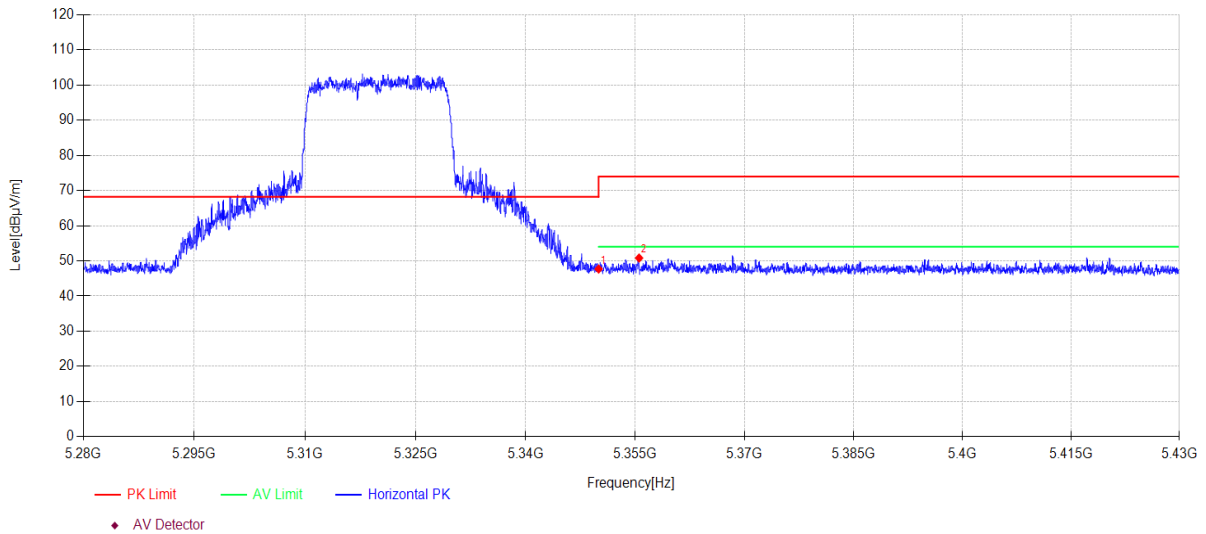
Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.360	9.74	33.40	5.58	0.00	48.72	54.0	5.28	AV	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-04-10 **Tested By:** Junchang Du
EUT: Wireless Access Point **Model Number:** RG-RAP73Pro
Test Mode: 11AX20 TX 5320MHz ANT1+2+3 **Power Supply:** AC 120V/60Hz
Condition: Temp:23.4°C;Humi:62.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\61
Memo: Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	8.91	33.10	5.69	0.00	47.70	74.00	26.30	PK	Horizontal
2	5355.540	12.03	33.10	5.69	0.00	50.82	74.00	23.18	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:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5320MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

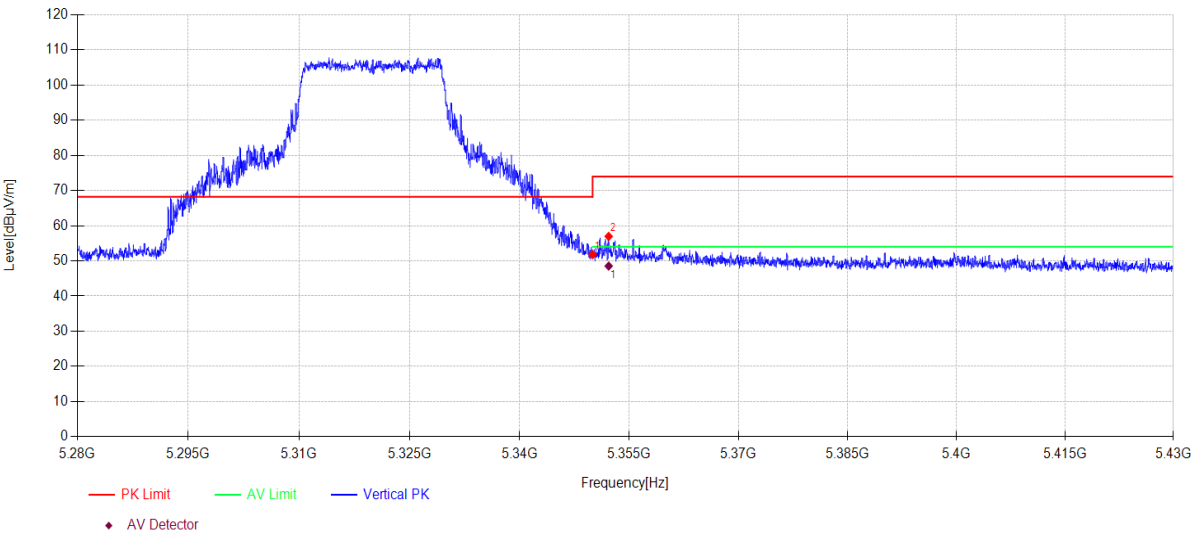
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\62

Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	12.99	33.10	5.69	0.00	51.78	74.00	22.22	PK	Vertical
2	5352.195	18.18	33.10	5.69	0.00	56.97	74.00	17.03	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5352.195	9.74	33.10	5.69	0.00	48.53	54.0	5.47	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:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20 TX 5180MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

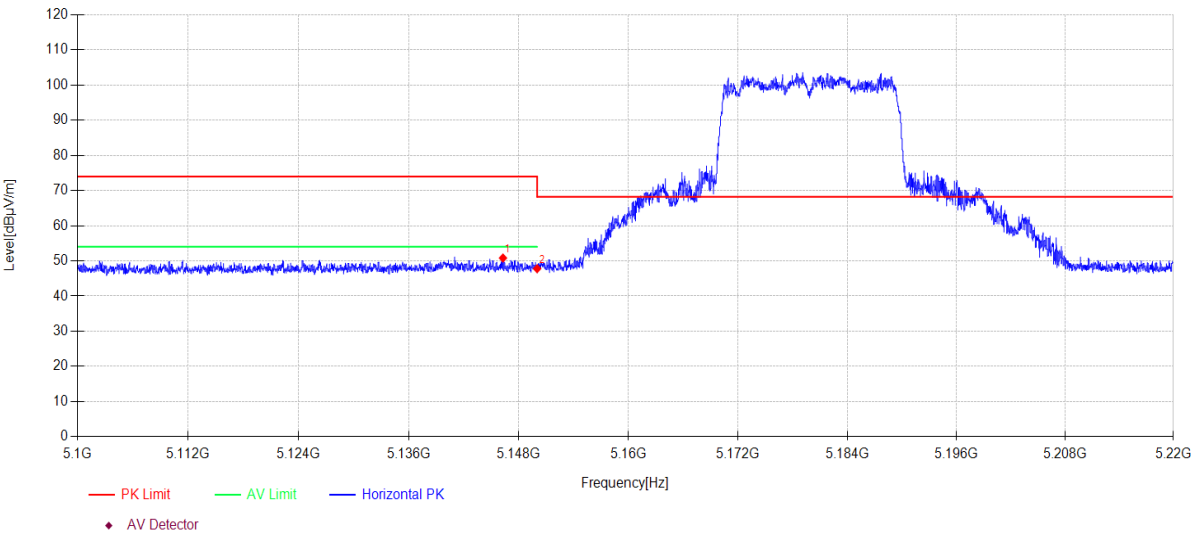
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\63

Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5146.272	11.84	33.40	5.58	0.00	50.82	74.00	23.18	PK	Horizontal
2	5150.000	8.80	33.40	5.59	0.00	47.79	68.20	20.41	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:2024-04-10

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11BE20 TX 5180MHz ANT1+2+3

Power Supply:AC 120V/60Hz

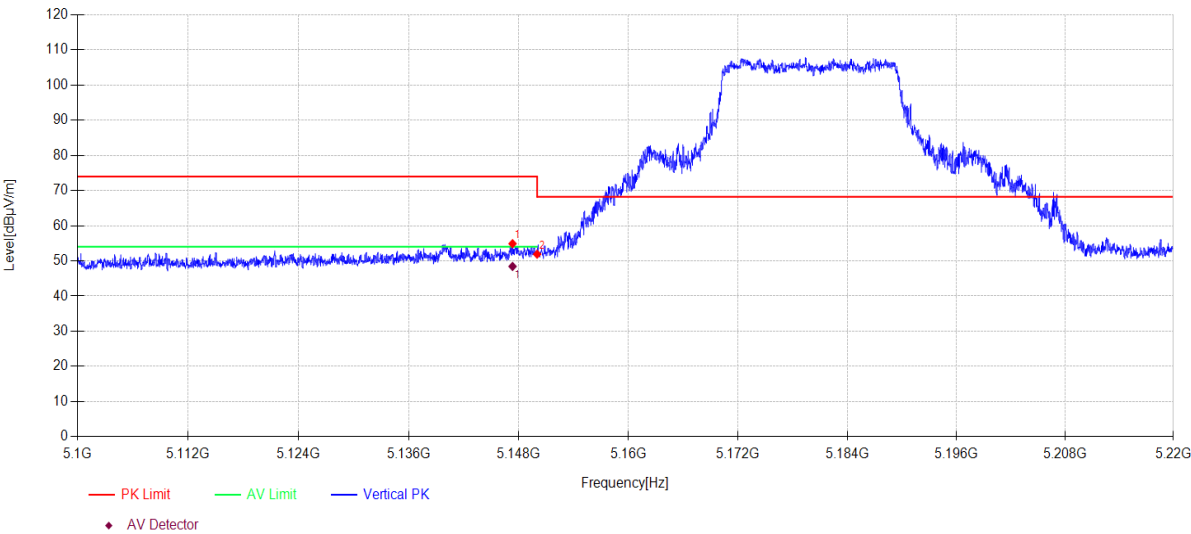
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\64

Memo:Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.316	15.92	33.40	5.58	0.00	54.90	74.00	19.10	PK	Vertical
2	5150.000	12.91	33.40	5.59	0.00	51.90	68.20	16.30	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.316	9.45	33.40	5.58	0.00	48.43	54.0	5.57	AV	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20 TX 5320MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

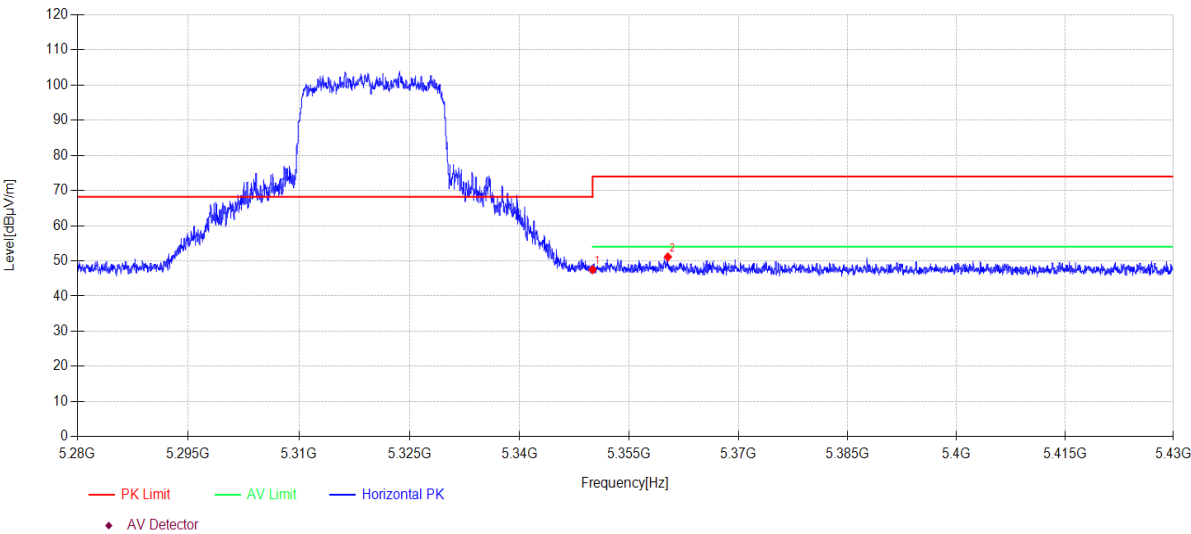
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\65

Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	8.72	33.10	5.69	0.00	47.51	74.00	26.49	PK	Horizontal
2	5360.295	12.34	33.10	5.69	0.00	51.13	74.00	22.87	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20 TX 5320MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

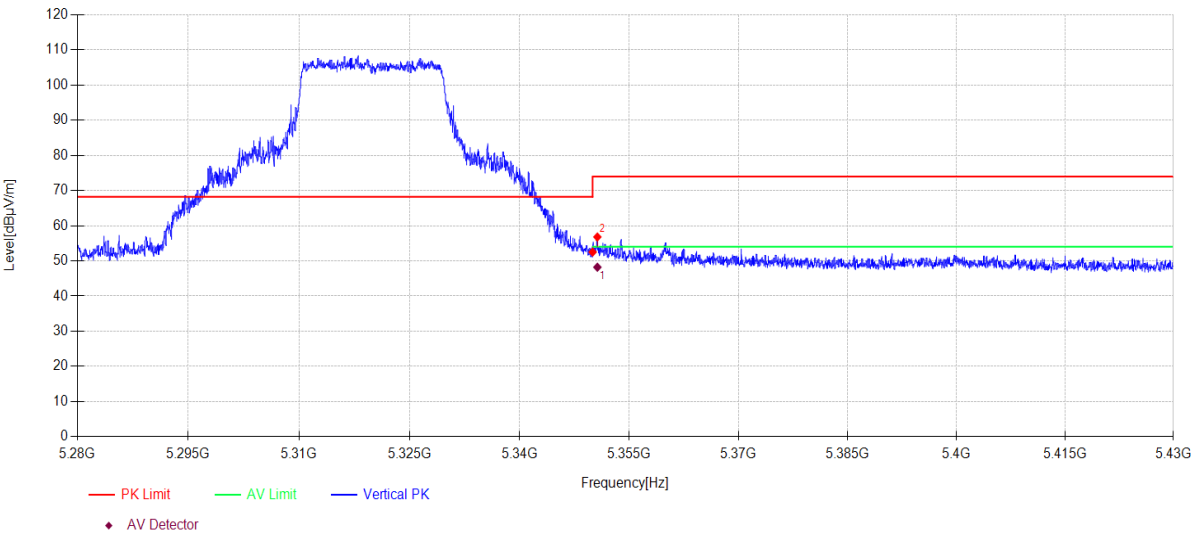
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	13.72	33.10	5.69	0.00	52.51	74.00	21.49	PK	Vertical
2	5350.650	18.02	33.10	5.69	0.00	56.81	74.00	17.19	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.650	9.42	33.10	5.69	0.00	48.21	54.0	5.79	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:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11N40 TX 5190MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

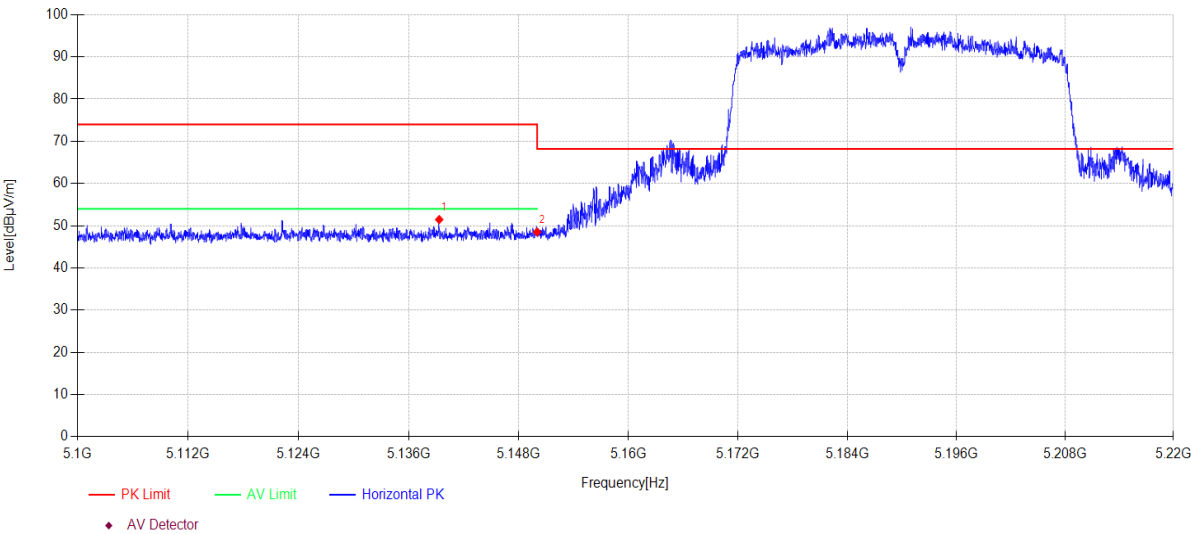
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5139.312	12.48	33.40	5.58	0.00	51.46	74.00	22.54	PK	Horizontal
2	5150.000	9.53	33.40	5.59	0.00	48.52	68.20	19.68	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11N40 TX 5190MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

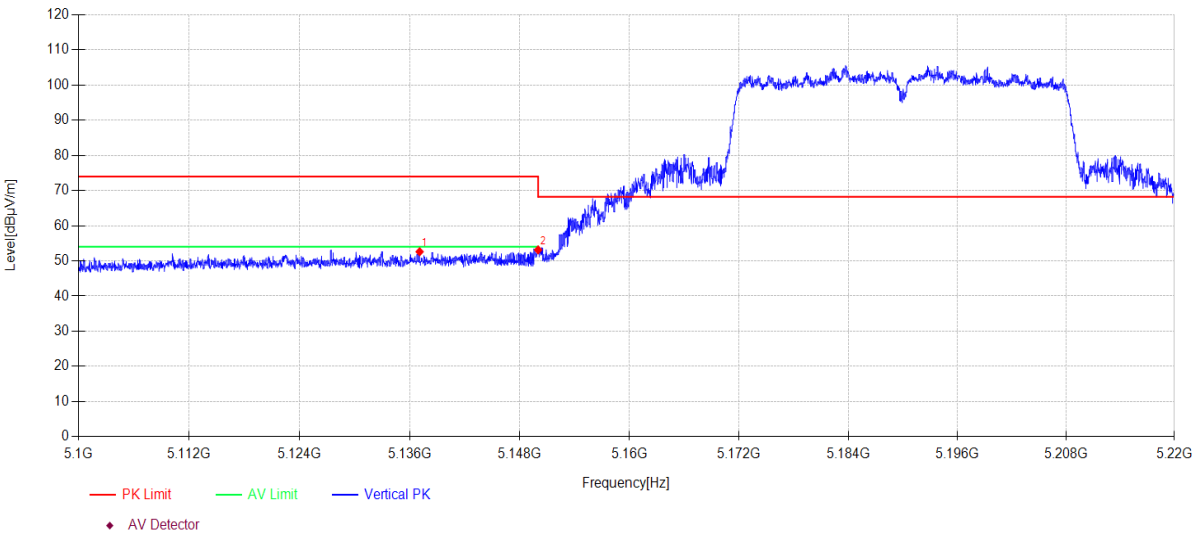
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\68

Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5137.068	13.63	33.40	5.58	0.00	52.61	74.00	21.39	PK	Vertical
2	5150.000	14.15	33.40	5.59	0.00	53.14	68.20	15.06	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:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC40 TX 5190MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

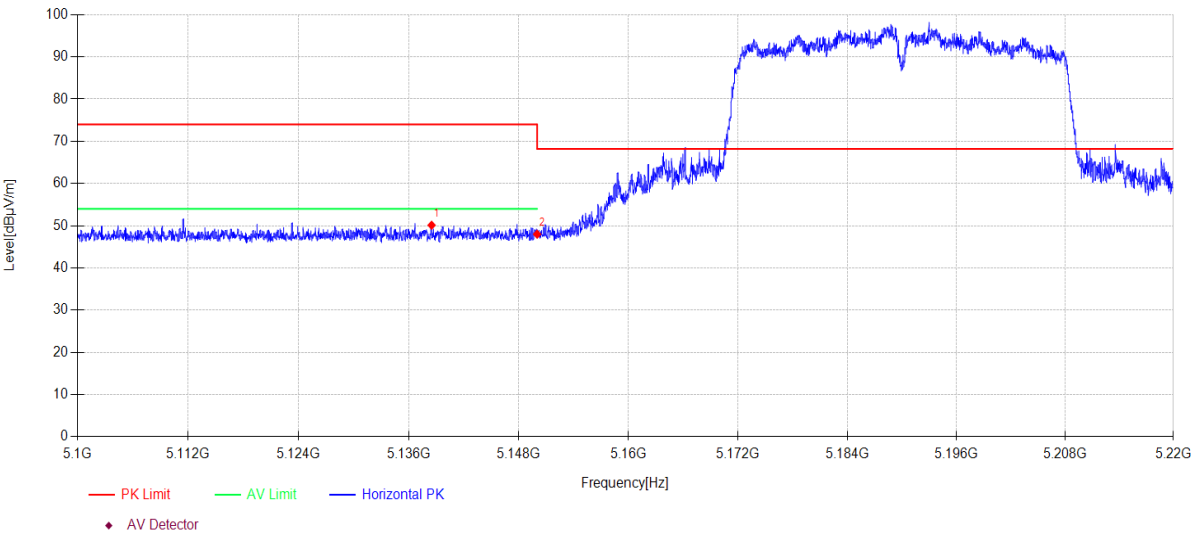
File Path:

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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5138.484	11.14	33.40	5.58	0.00	50.12	74.00	23.88	PK	Horizontal
2	5150.000	9.00	33.40	5.59	0.00	47.99	68.20	20.21	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC40 TX 5190MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

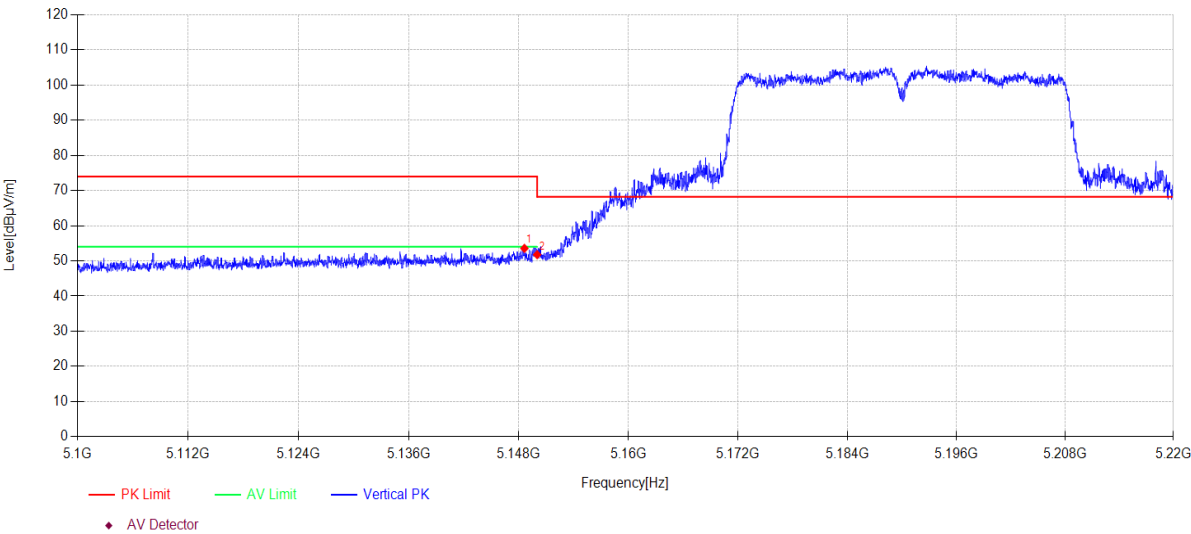
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\70

Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.612	14.58	33.40	5.58	0.00	53.56	74.00	20.44	PK	Vertical
2	5150.000	12.78	33.40	5.59	0.00	51.77	68.20	16.43	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:

2024-04-10

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX40 TX 5190MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

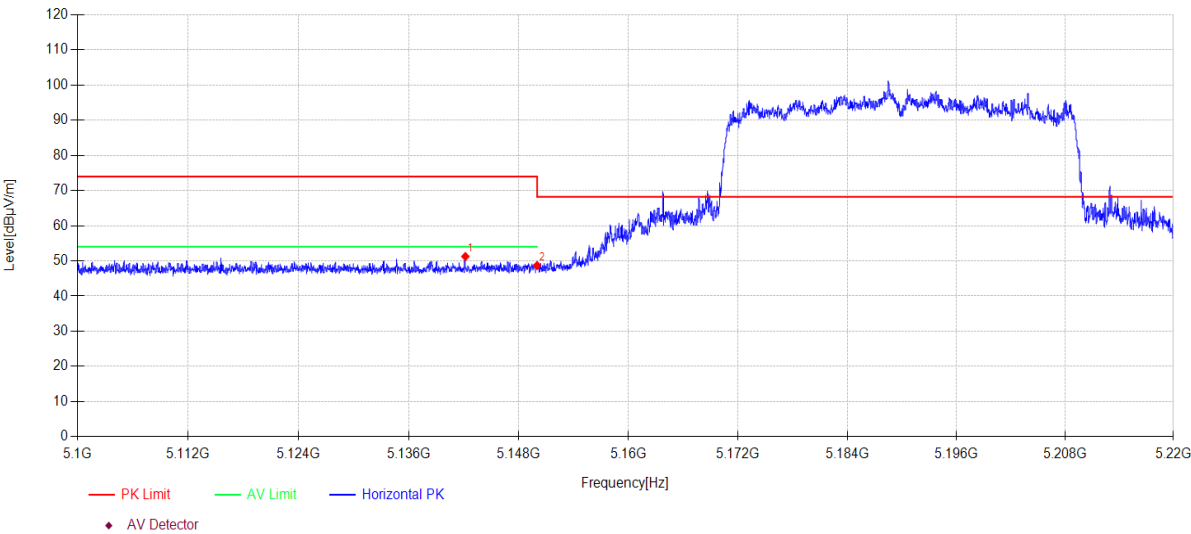
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\71

Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5142.168	12.27	33.40	5.58	0.00	51.25	74.00	22.75	PK	Horizontal
2	5150.000	9.71	33.40	5.59	0.00	48.70	68.20	19.50	PK	Horizontal

Note:

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

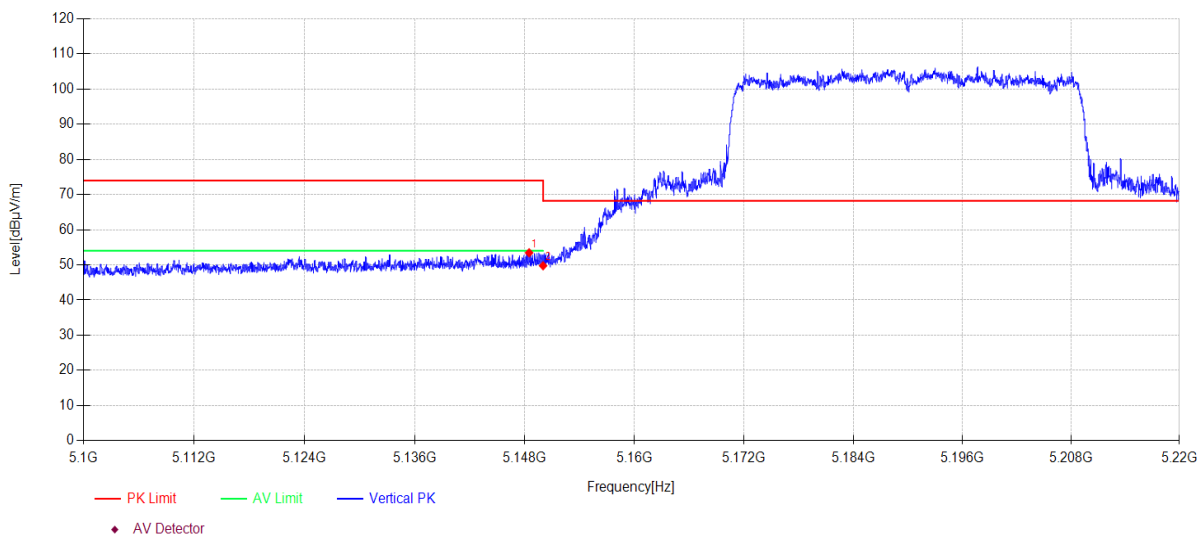
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-04-10 **Tested By:** Junchang Du
EUT: Wireless Access Point **Model Number:** RG-RAP73Pro
Test Mode: 11AX40 TX 5190MHz ANT1+2+3 **Power Supply:** AC 120V/60Hz
Condition: Temp:23.4°C;Humi:62.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\72
Memo: Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.468	14.47	33.40	5.58	0.00	53.45	74.00	20.55	PK	Vertical
2	5150.000	10.77	33.40	5.59	0.00	49.76	68.20	18.44	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-11

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40 TX 5190MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

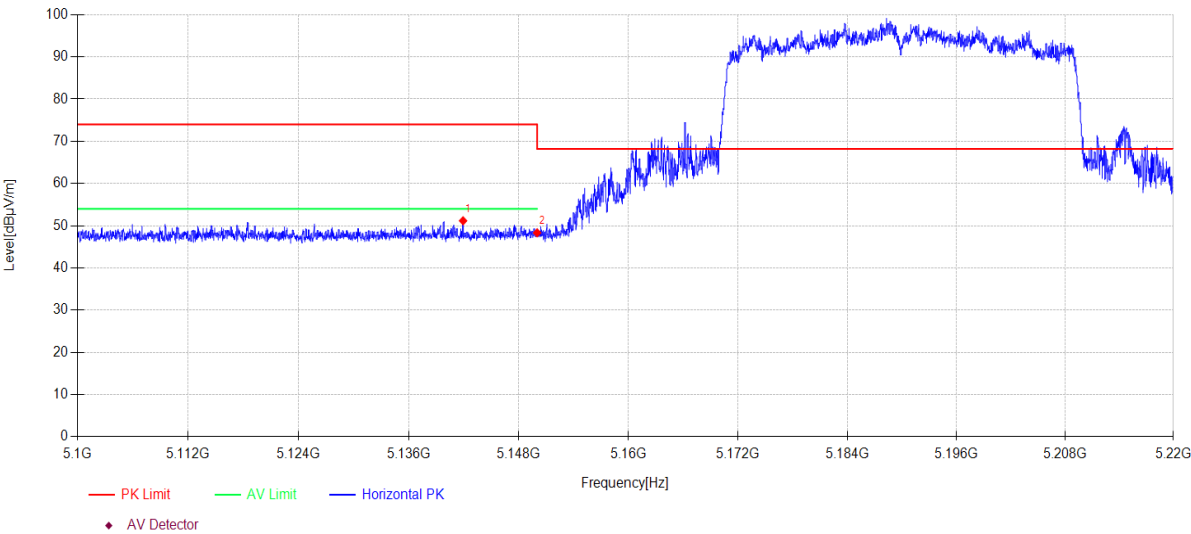
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\73

Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5141.916	12.19	33.40	5.58	0.00	51.17	74.00	22.83	PK	Horizontal
2	5150.000	9.33	33.40	5.59	0.00	48.32	68.20	19.88	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:

2024-04-11

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40 TX 5190MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

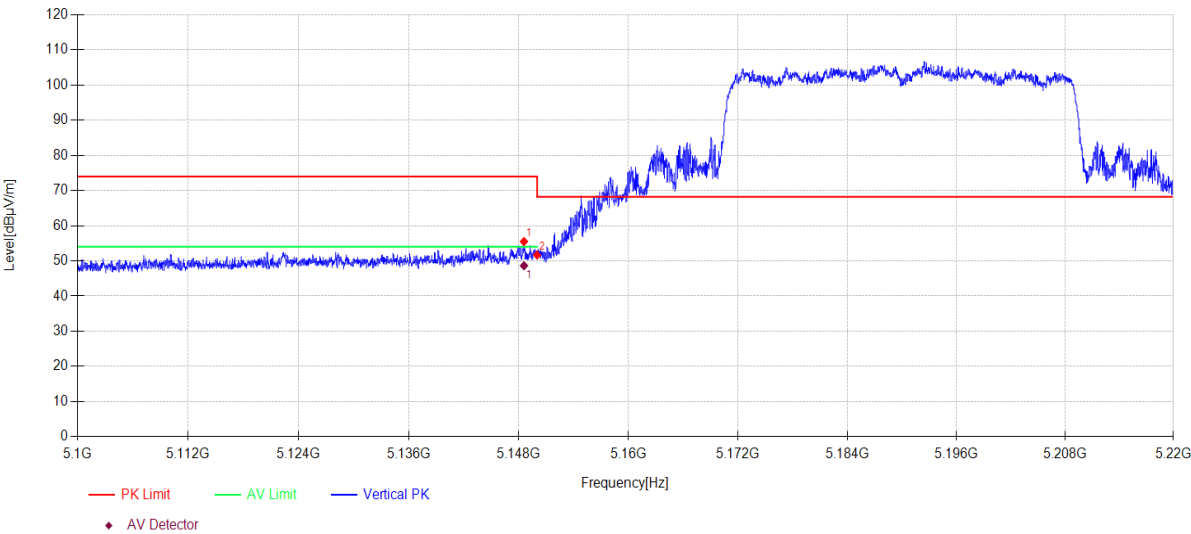
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5148.564	16.52	33.40	5.58	0.00	55.50	74.00	18.50	PK	Vertical
2	5150.000	12.68	33.40	5.59	0.00	51.67	68.20	16.53	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5148.564	9.65	33.40	5.58	0.00	48.63	54.0	5.37	AV	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-11

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC80 TX 5210MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

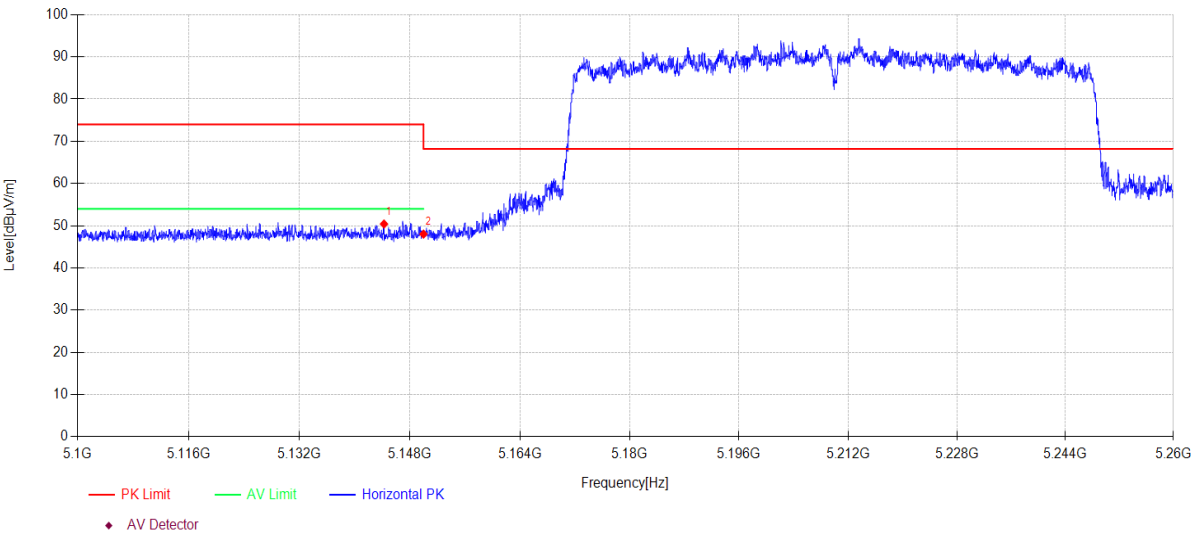
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5144.272	11.43	33.40	5.58	0.00	50.41	74.00	23.59	PK	Horizontal
2	5150.000	9.03	33.40	5.59	0.00	48.02	68.20	20.18	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-11

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC80 TX 5210MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

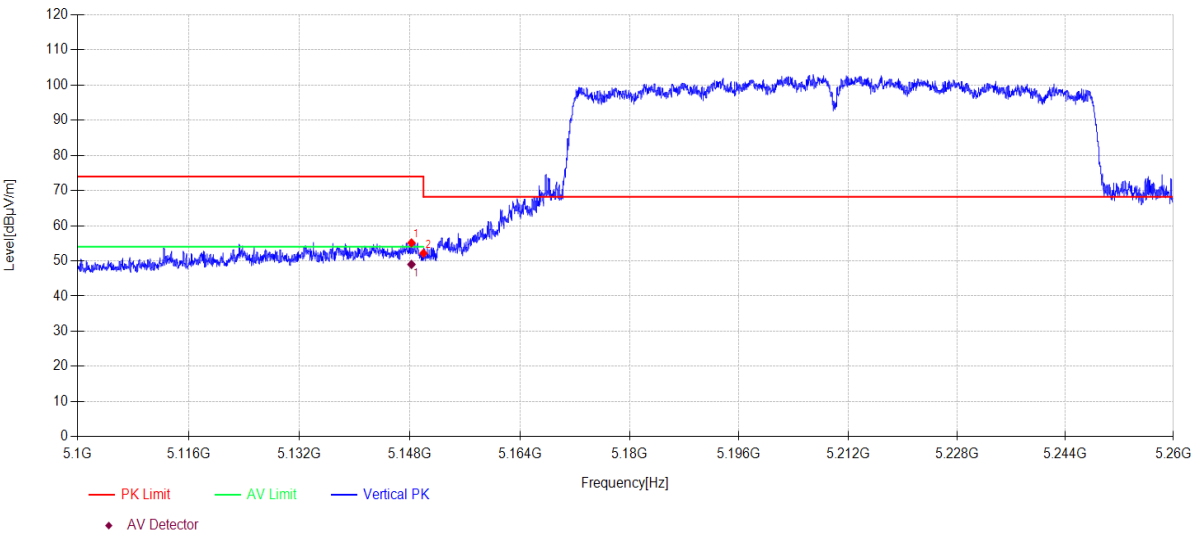
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.256	16.14	33.40	5.58	0.00	55.12	74.00	18.88	PK	Vertical
2	5150.000	13.17	33.40	5.59	0.00	52.16	68.20	16.04	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.256	10.02	33.40	5.58	0.00	49.00	54.0	5.00	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:

2024-04-11

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX80 TX 5210MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

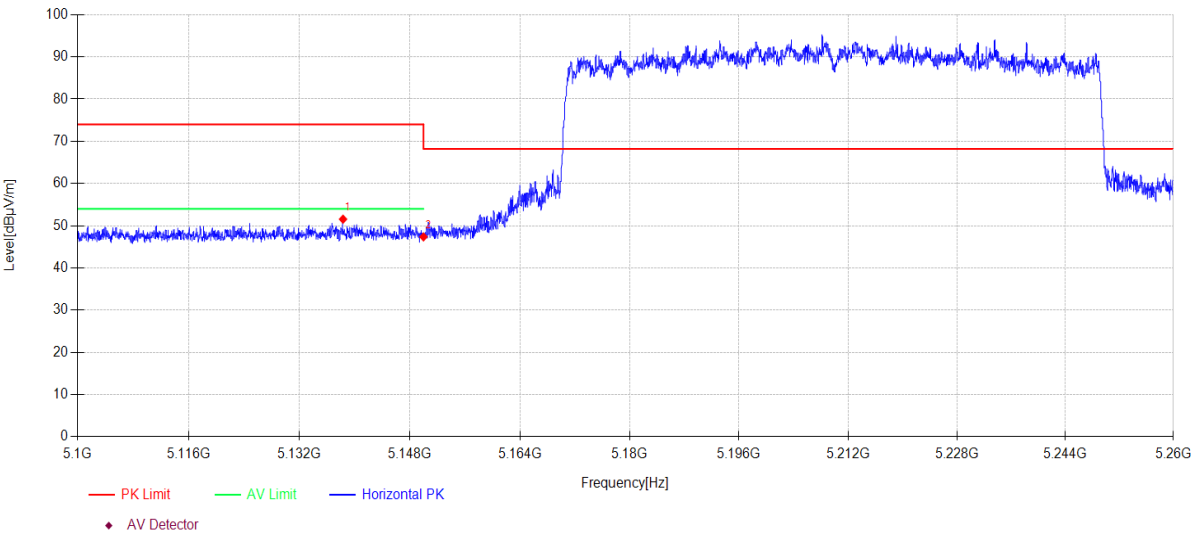
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5138.336	12.57	33.40	5.58	0.00	51.55	74.00	22.45	PK	Horizontal
2	5150.000	8.37	33.40	5.59	0.00	47.36	68.20	20.84	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:

2024-04-11

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX80 TX 5210MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

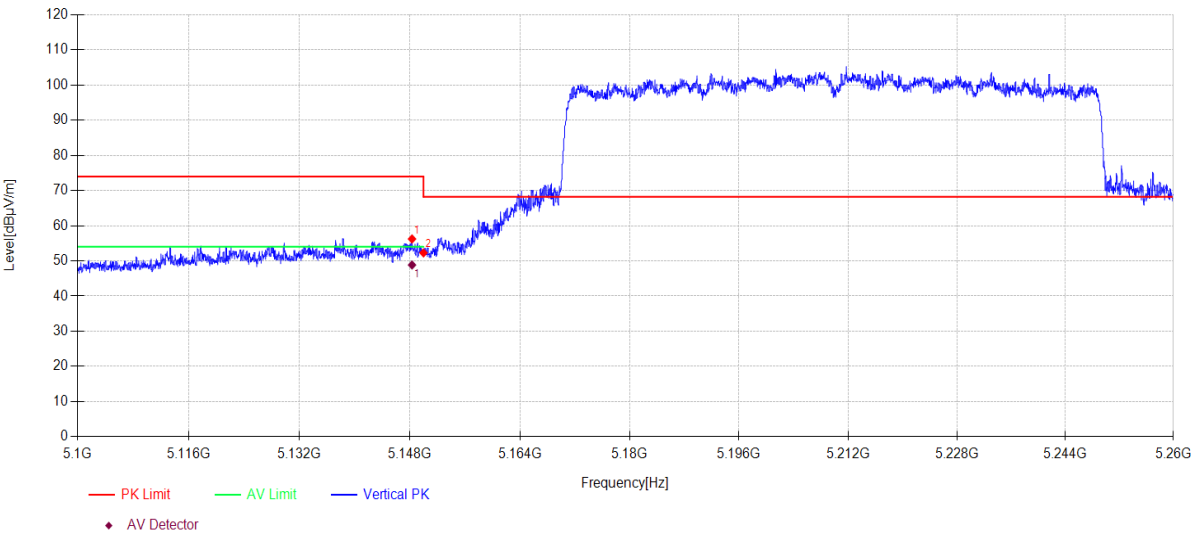
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.336	17.25	33.40	5.58	0.00	56.23	74.00	17.77	PK	Vertical
2	5150.000	13.30	33.40	5.59	0.00	52.29	68.20	15.91	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.336	9.86	33.40	5.58	0.00	48.84	54.0	5.16	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:

2024-04-11

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE80 TX 5210MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

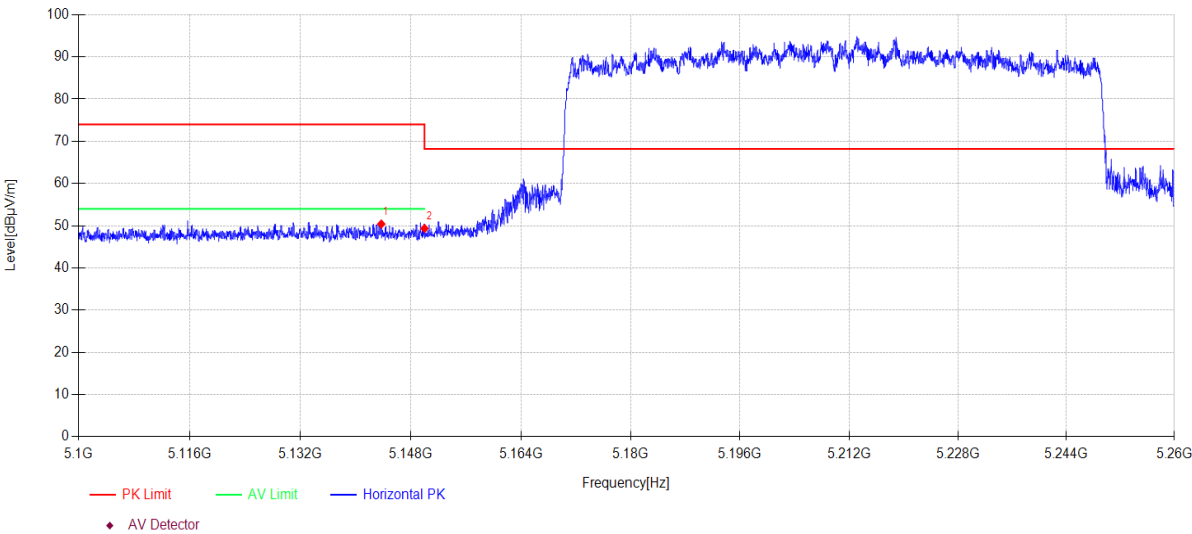
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5143.728	11.42	33.40	5.58	0.00	50.40	74.00	23.60	PK	Horizontal
2	5150.000	10.37	33.40	5.59	0.00	49.36	68.20	18.84	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-04-11

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11BE80 TX 5210MHz ANT1+2+3

Power Supply:AC 120V/60Hz

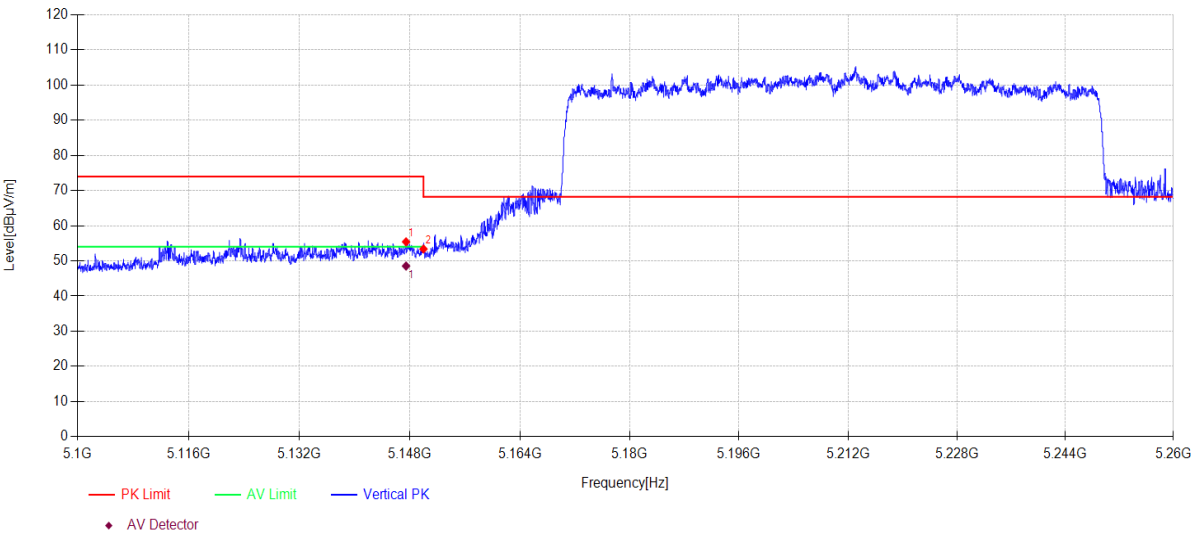
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\80

Memo:Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.472	16.44	33.40	5.58	0.00	55.42	74.00	18.58	PK	Vertical
2	5150.000	14.39	33.40	5.59	0.00	53.38	68.20	14.82	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.472	9.56	33.40	5.58	0.00	48.54	54.0	5.46	AV	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-04-11

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11AX160 TX 5250MHz ANT1+2+3

Power Supply:AC 120V/60Hz

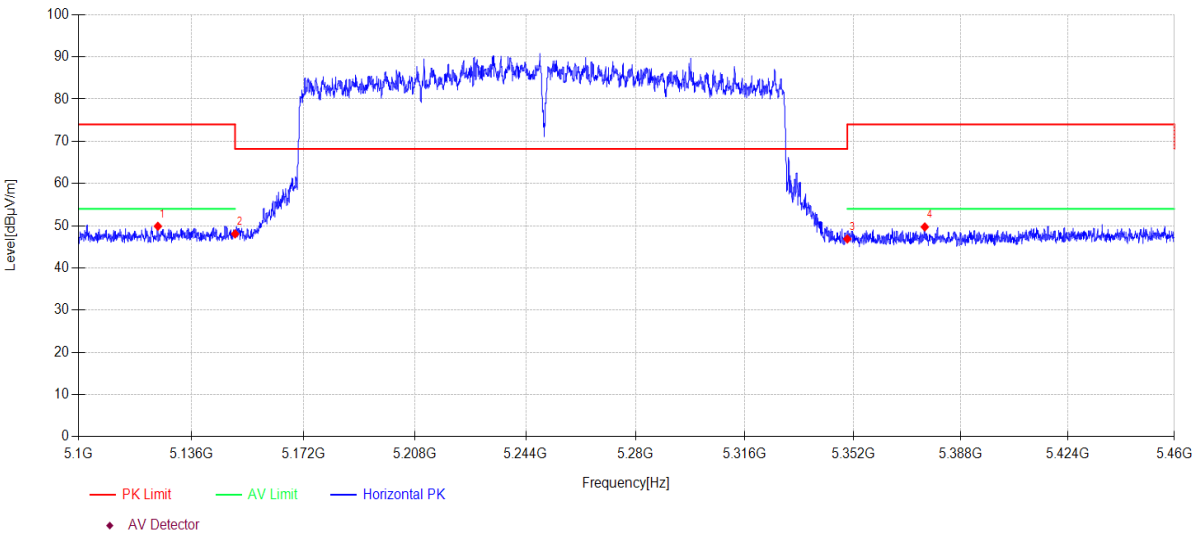
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Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\81

Memo:Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5125.308	10.91	33.40	5.57	0.00	49.88	74.00	24.12	PK	Horizontal
2	5150.000	9.07	33.40	5.59	0.00	48.06	68.20	20.14	PK	Horizontal
3	5350.000	8.07	33.10	5.69	0.00	46.86	74.00	27.14	PK	Horizontal
4	5375.868	10.91	33.10	5.70	0.00	49.71	74.00	24.29	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-04-11

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11AX160 TX 5250MHz ANT1+2+3

Power Supply:AC 120V/60Hz

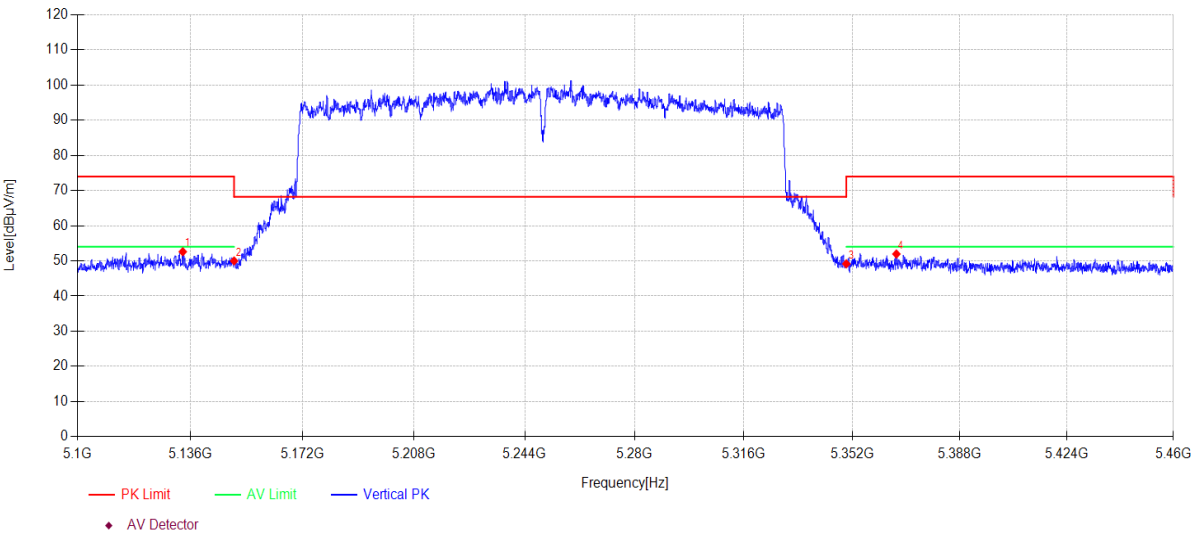
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\82

Memo:Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5133.588	13.63	33.40	5.58	0.00	52.61	74.00	21.39	PK	Vertical
2	5150.000	11.01	33.40	5.59	0.00	50.00	68.20	18.20	PK	Vertical
3	5350.000	10.39	33.10	5.69	0.00	49.18	74.00	24.82	PK	Vertical
4	5366.688	13.17	33.10	5.69	0.00	51.96	74.00	22.04	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:

2024-04-11

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE160 TX 5250MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

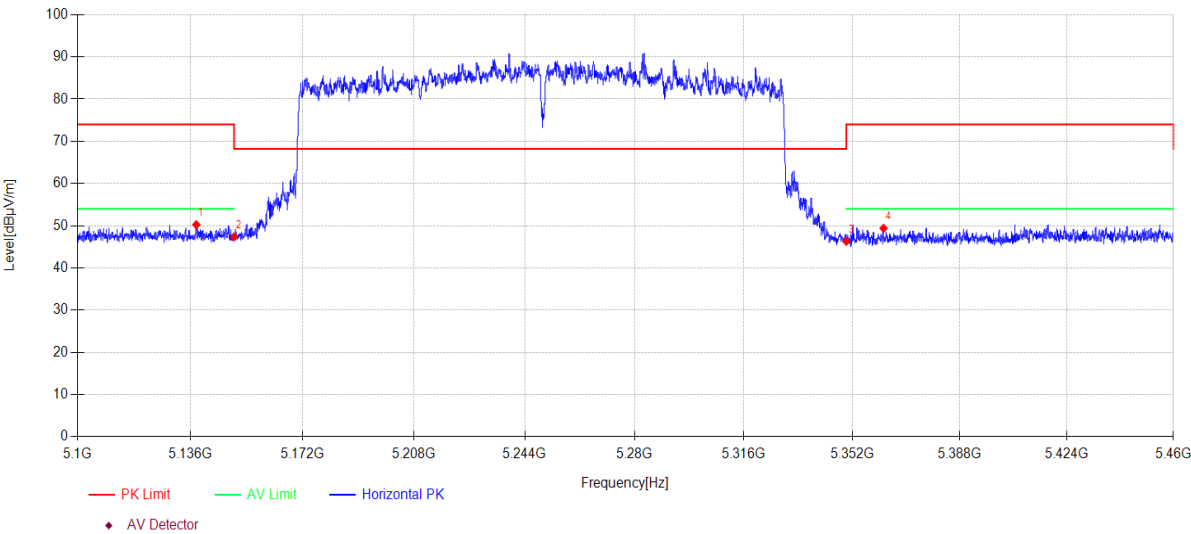
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5137.908	11.26	33.40	5.58	0.00	50.24	74.00	23.76	PK	Horizontal
2	5150.000	8.36	33.40	5.59	0.00	47.35	68.20	20.85	PK	Horizontal
3	5350.000	7.51	33.10	5.69	0.00	46.30	74.00	27.70	PK	Horizontal
4	5362.404	10.59	33.10	5.69	0.00	49.38	74.00	24.62	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:

2024-04-11

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE160 TX 5250MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

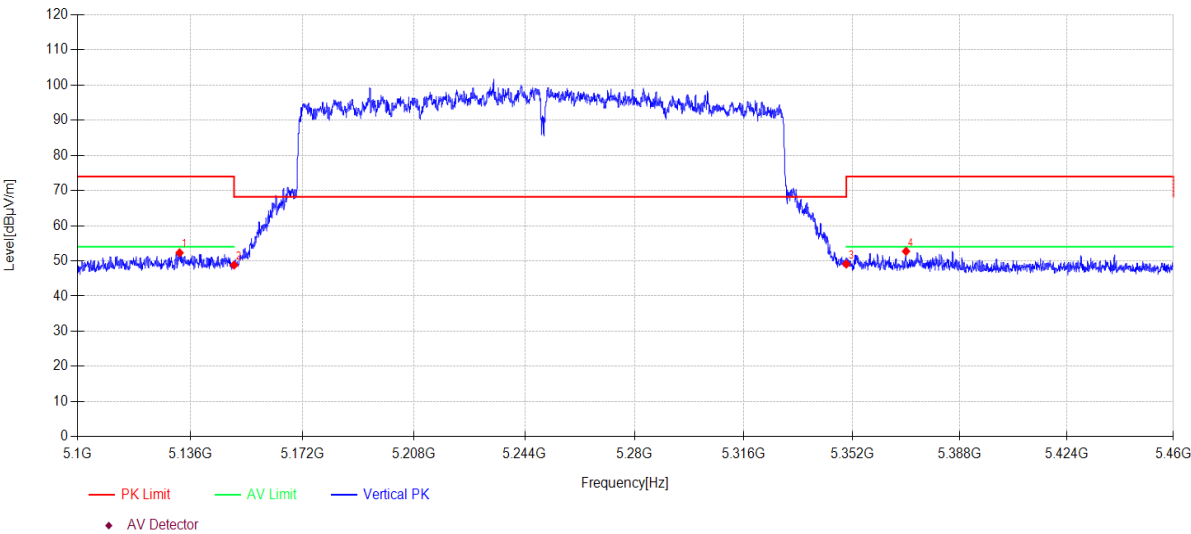
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5132.544	13.32	33.40	5.58	0.00	52.30	74.00	21.70	PK	Vertical
2	5150.000	9.84	33.40	5.59	0.00	48.83	68.20	19.37	PK	Vertical
3	5350.000	10.32	33.10	5.69	0.00	49.11	74.00	24.89	PK	Vertical
4	5369.928	13.94	33.10	5.69	0.00	52.73	74.00	21.27	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-11

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11N40 TX 5310MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

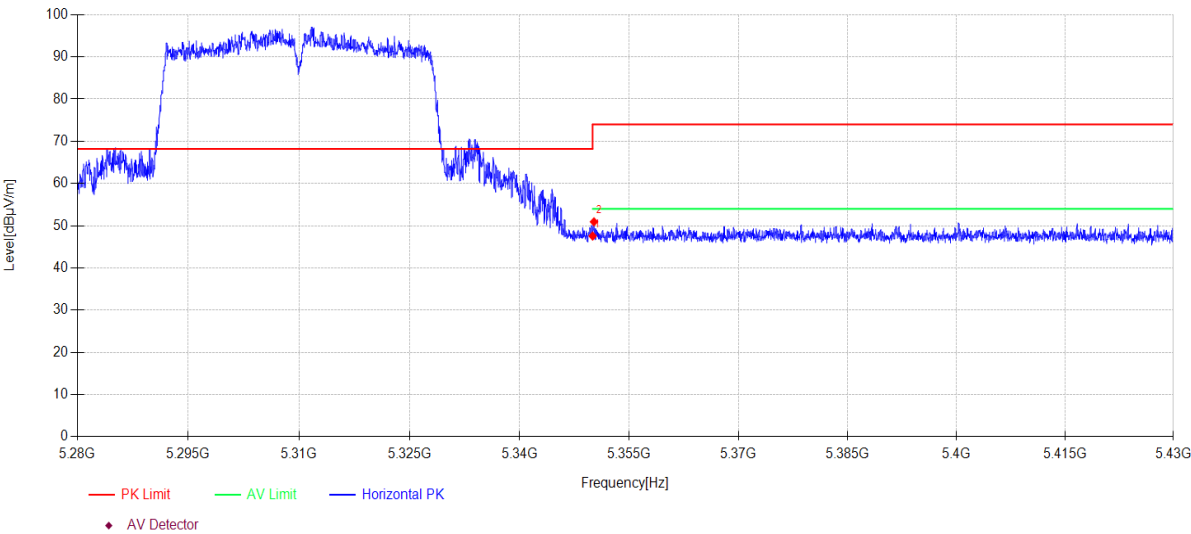
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Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5350.000	8.78	33.10	5.69	0.00	47.57	74.00	26.43	PK	Horizontal
2	5350.185	12.14	33.10	5.69	0.00	50.93	74.00	23.07	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-11

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11N40 TX 5310MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

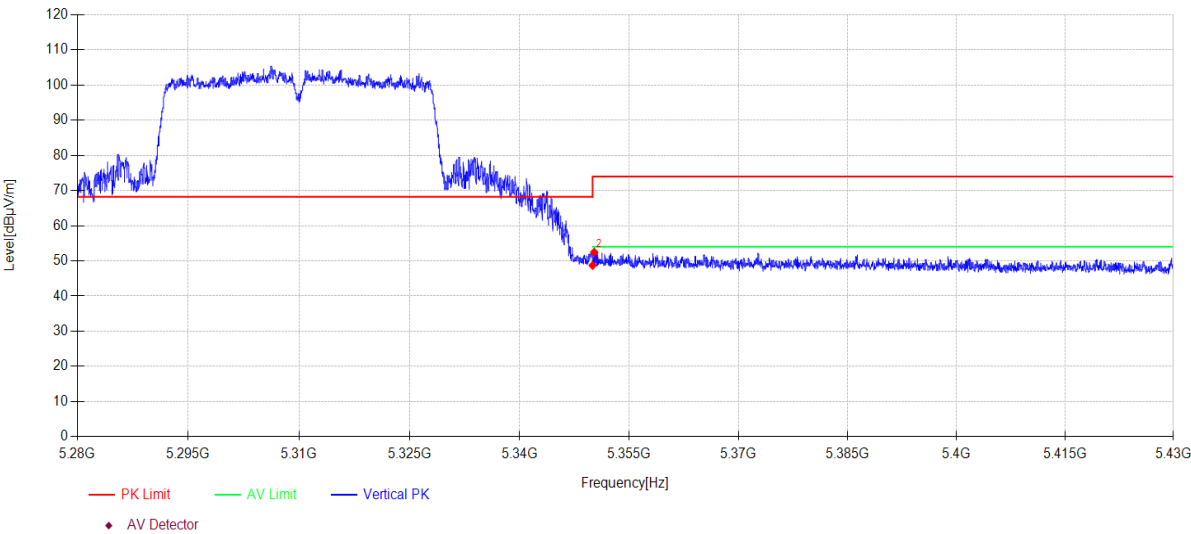
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\86

Memo:

Sample Number:S24032709-002 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	9.94	33.10	5.69	0.00	48.73	74.00	25.27	PK	Vertical
2	5350.215	13.67	33.10	5.69	0.00	52.46	74.00	21.54	PK	Vertical

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

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

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