

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-26

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE80MIMO 5290MHz RU66+RU62
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

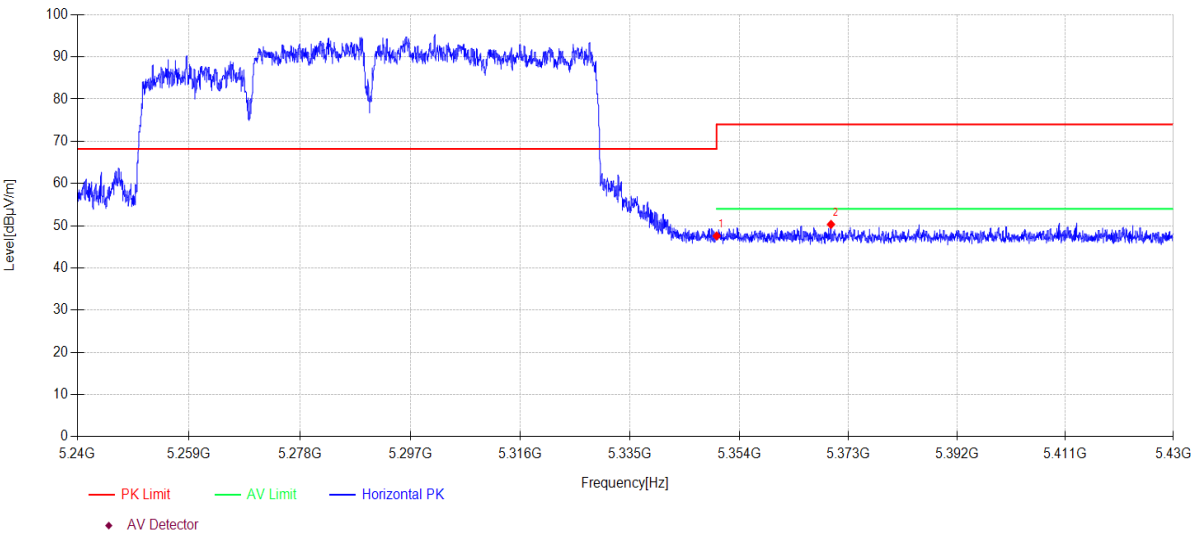
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\179

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	8.79	33.10	5.69	0.00	47.58	74.00	26.42	PK	Horizontal
2	5369.922	11.53	33.10	5.69	0.00	50.32	74.00	23.68	PK	Horizontal

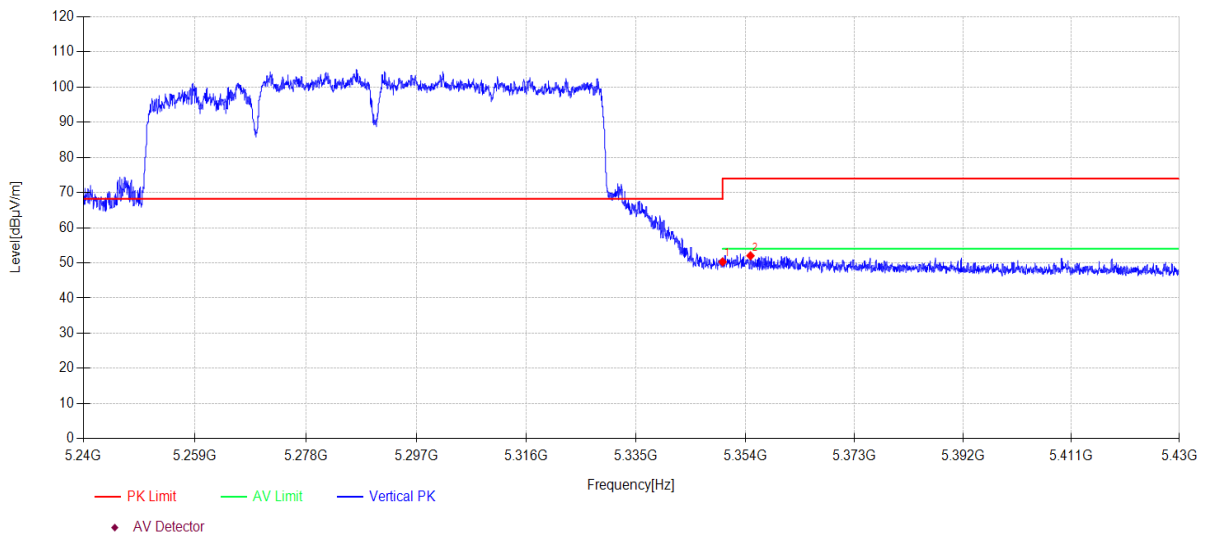
Note:

- 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: 2024-04-26 **Tested By:** Junchang Du
EUT: Wireless Access Point **Model Number:** RG-RAP73Pro
Test Mode: 11BE80MIMO 5290MHz RU66+RU62 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\180
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	11.51	33.10	5.69	0.00	50.30	74.00	23.70	PK	Vertical
2	5354.855	13.24	33.10	5.69	0.00	52.03	74.00	21.97	PK	Vertical

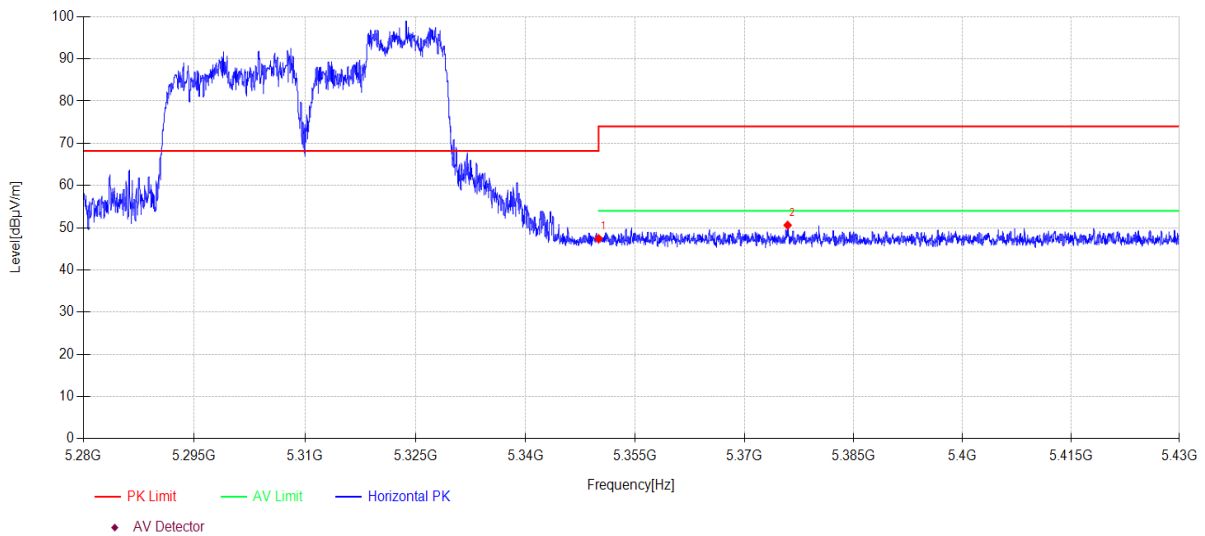
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-04-26 **Tested By:** Junchang Du
EUT: Wireless Access Point **Model Number:** RG-RAP73Pro
Test Mode: 11BE40MIMO 5310MHz RU56+RU13 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\181
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	8.62	33.10	5.69	0.00	47.41	74.00	26.59	PK	Horizontal
2	5375.910	11.80	33.10	5.70	0.00	50.60	74.00	23.40	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-26

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40MIMO 5310MHz RU56+RU13
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

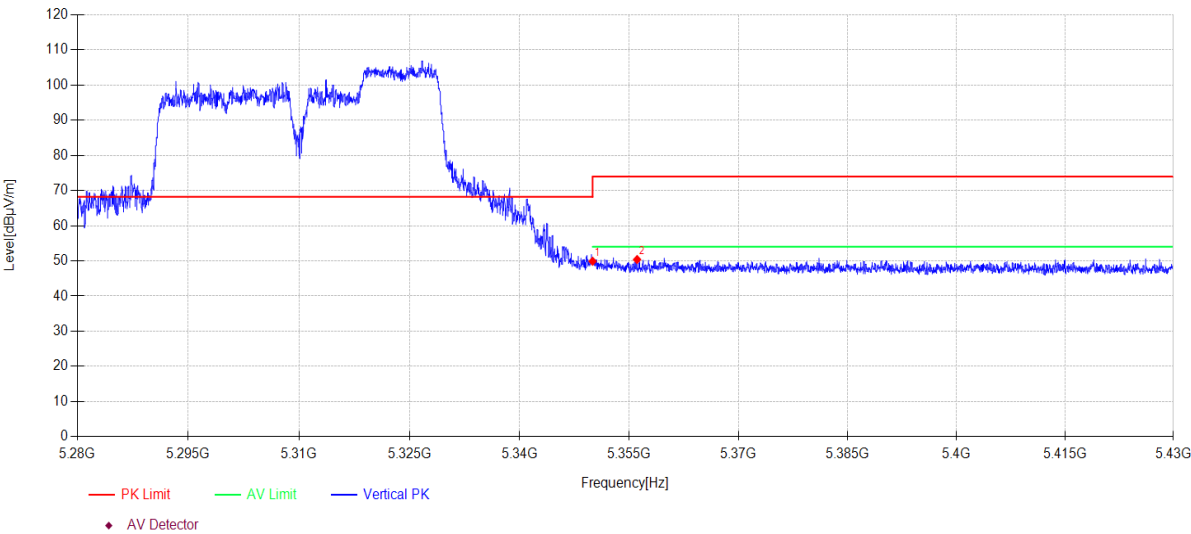
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Memo:

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	11.11	33.10	5.69	0.00	49.90	74.00	24.10	PK	Vertical
2	5356.080	11.60	33.10	5.69	0.00	50.39	74.00	23.61	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-26

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20MIMO 5320MHz RU39+RU7
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

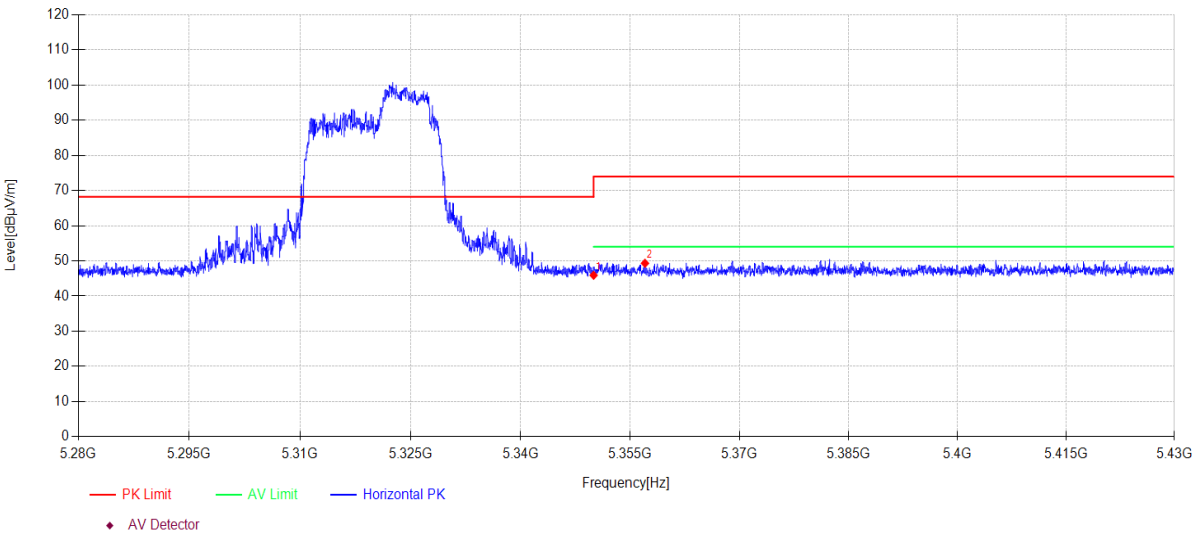
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Memo:

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	7.12	33.10	5.69	0.00	45.91	74.00	28.09	PK	Horizontal
2	5357.025	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:

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Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20MIMO 5320MHz RU39+RU7
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

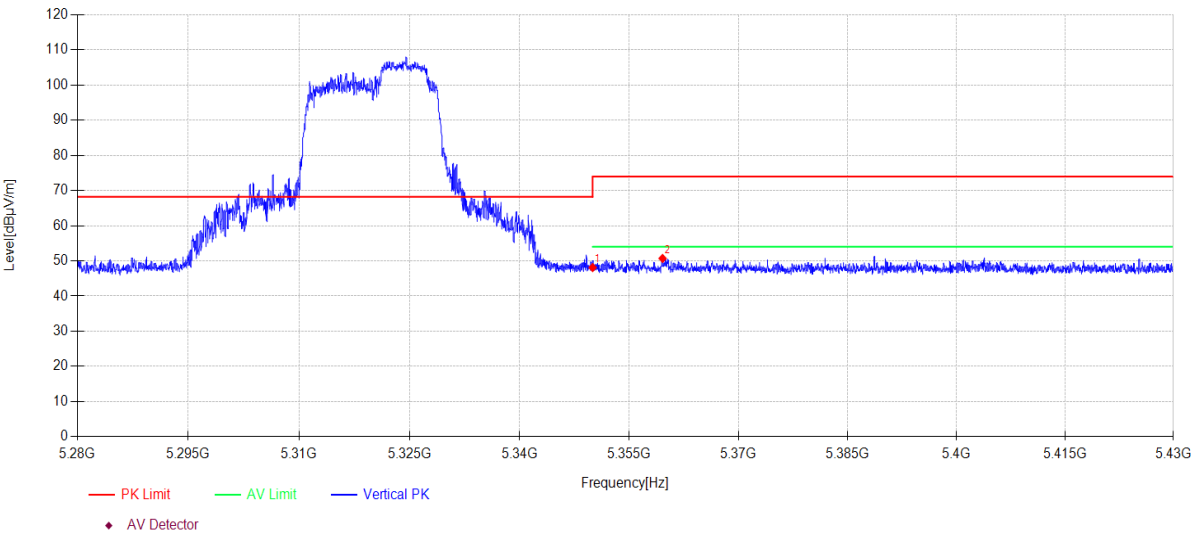
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Memo:

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	9.32	33.10	5.69	0.00	48.11	74.00	25.89	PK	Vertical
2	5359.575	11.91	33.10	5.69	0.00	50.70	74.00	23.30	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-26

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20MIMO 5500MHz RU38+RU1
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

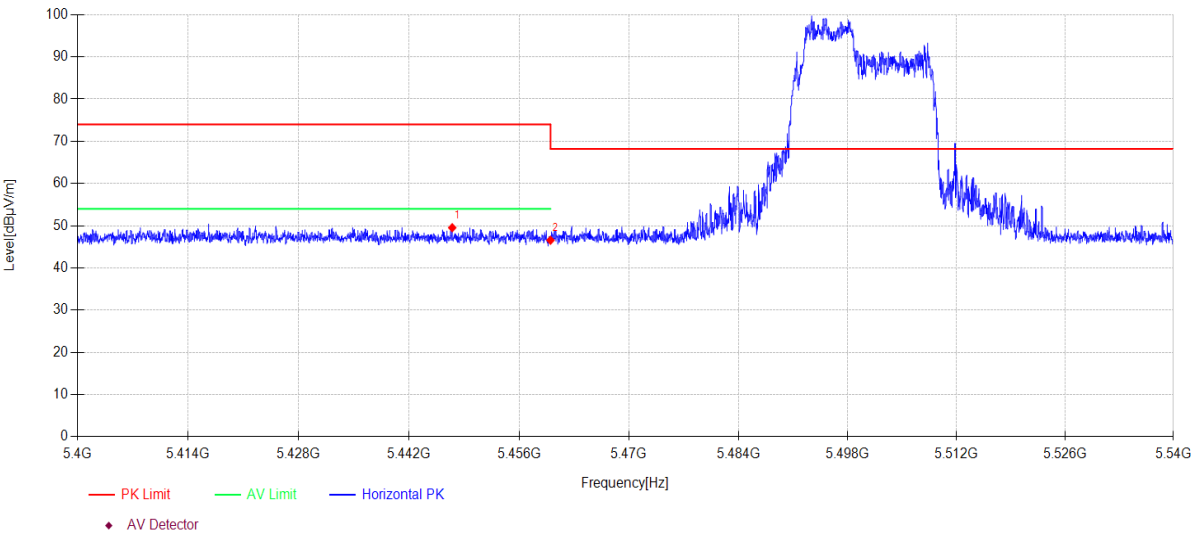
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Memo:

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	5447.488	10.79	33.01	5.73	0.00	49.53	74.00	24.47	PK	Horizontal
2	5460.000	7.82	33.00	5.74	0.00	46.56	68.20	21.64	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:

2024-04-26

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20MIMO 5500MHz RU38+RU1
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

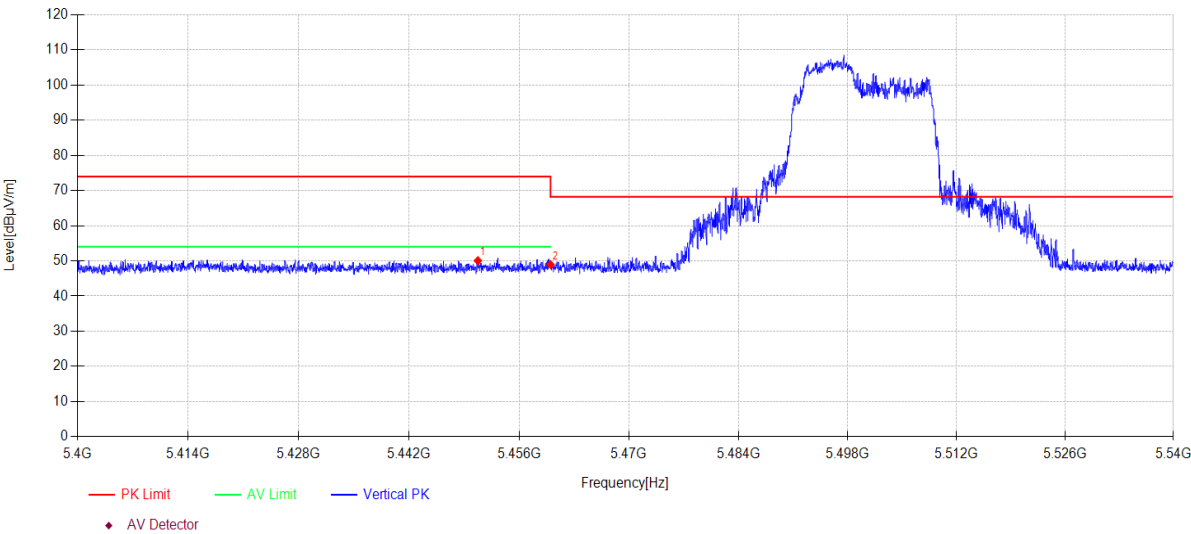
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Memo:

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	5450.750	11.32	33.00	5.74	0.00	50.06	74.00	23.94	PK	Vertical
2	5460.000	10.21	33.00	5.74	0.00	48.95	68.20	19.25	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:

2024-04-26

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40MIMO 5510MHz RU53+RU4
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

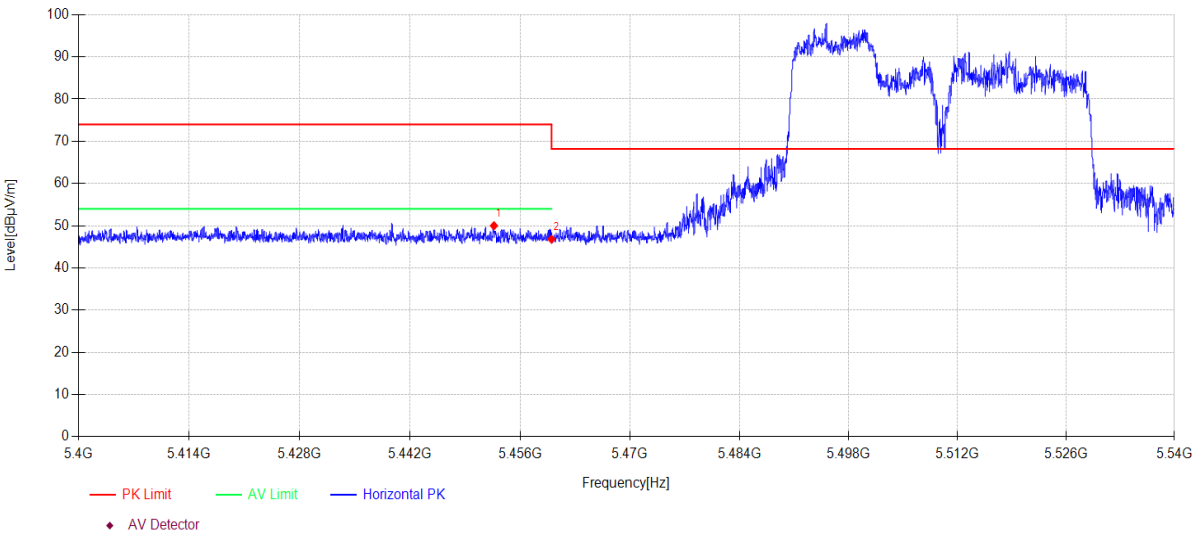
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Memo:

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	5452.668	11.26	33.00	5.74	0.00	50.00	74.00	24.00	PK	Horizontal
2	5460.000	8.06	33.00	5.74	0.00	46.80	68.20	21.40	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-26

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40MIMO 5510MHz RU53+RU4
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

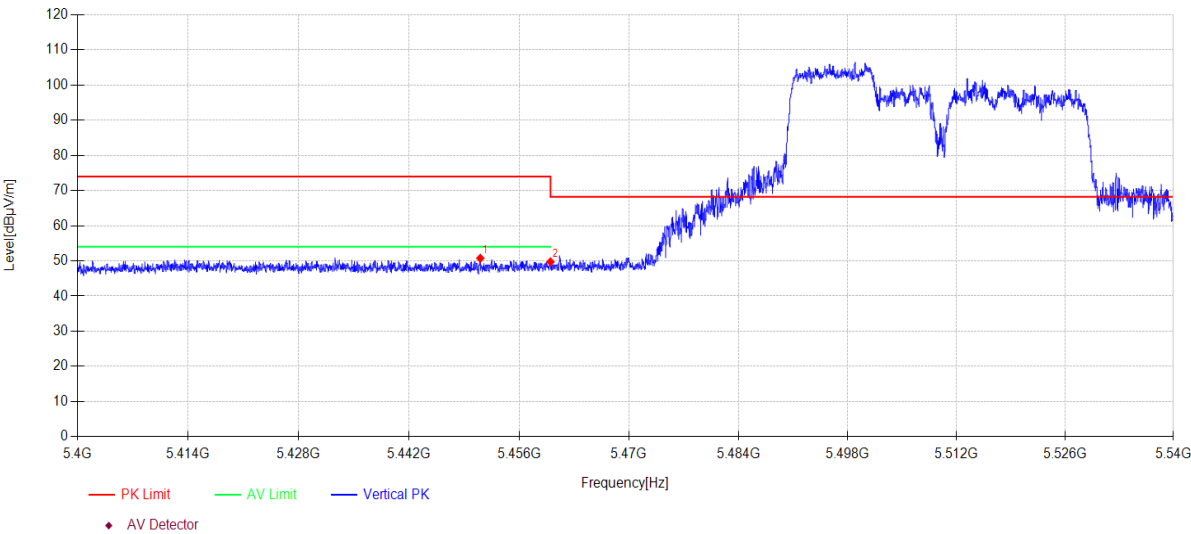
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Memo:

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	5451.058	12.01	33.00	5.74	0.00	50.75	74.00	23.25	PK	Vertical
2	5460.000	11.00	33.00	5.74	0.00	49.74	68.20	18.46	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:

2024-04-26

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE80MIMO 5530MHz RU65+RU63
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

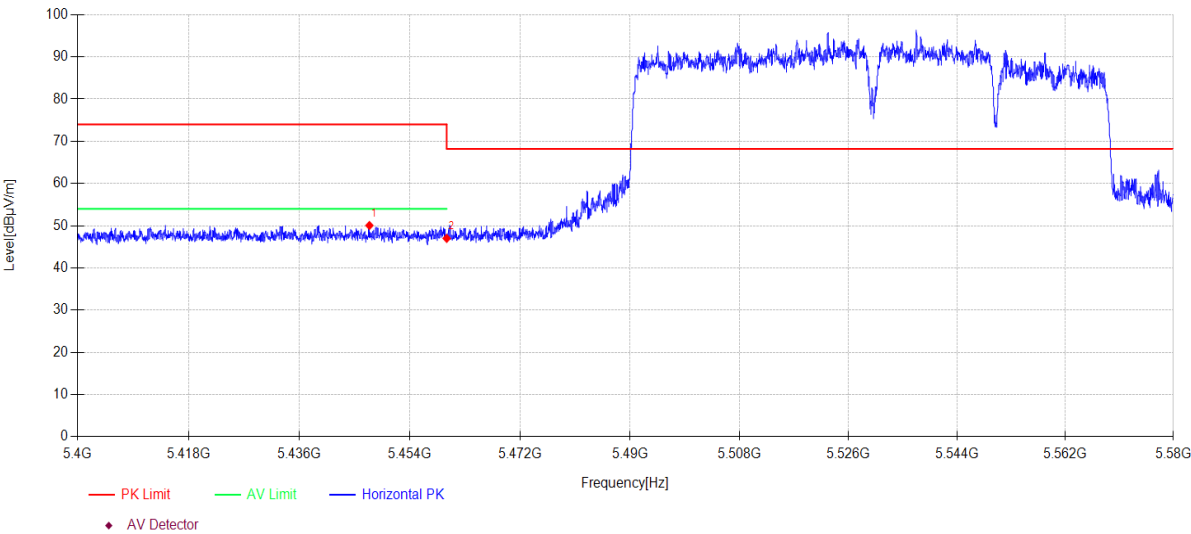
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Memo:

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	5447.394	11.32	33.01	5.73	0.00	50.06	74.00	23.94	PK	Horizontal
2	5460.000	8.26	33.00	5.74	0.00	47.00	68.20	21.20	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:

2024-04-26

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE80MIMO 5530MHz RU65+RU63
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

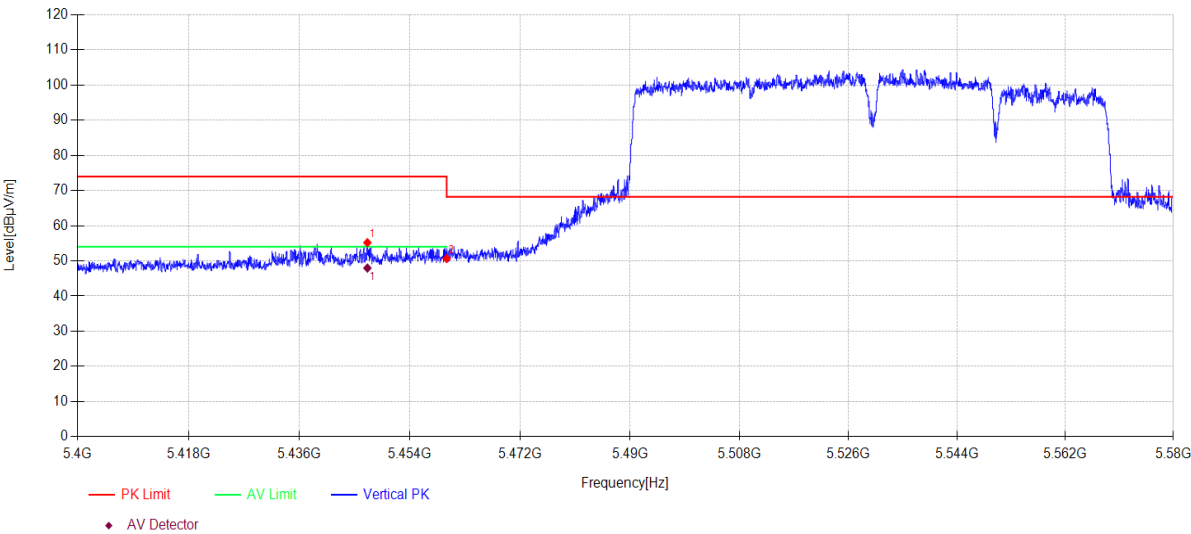
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Memo:

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	5447.070	16.45	33.01	5.73	0.00	55.19	74.00	18.81	PK	Vertical
2	5460.000	11.92	33.00	5.74	0.00	50.66	68.20	17.54	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	5447.070	9.23	33.01	5.73	0.00	47.97	54.0	6.03	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:

2024-04-26

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE80MIMO 5610MHz RU66+RU62
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

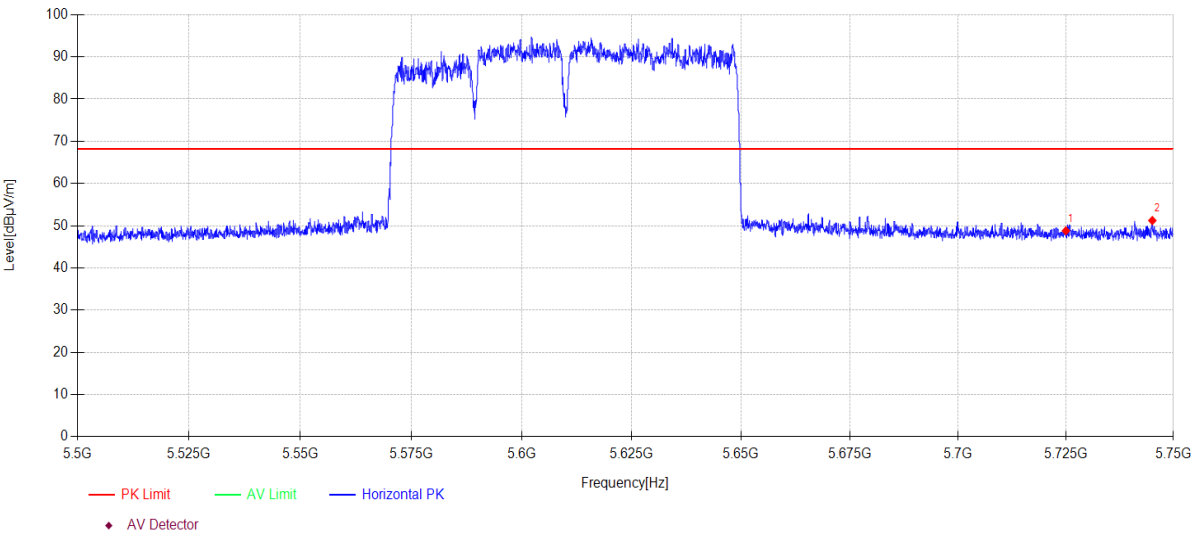
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\191

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	5725.000	9.18	33.75	5.87	0.00	48.80	68.20	19.40	PK	Horizontal
2	5745.100	11.48	33.87	5.88	0.00	51.23	68.20	16.97	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:

2024-04-26

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE80MIMO 5610MHz RU66+RU62
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

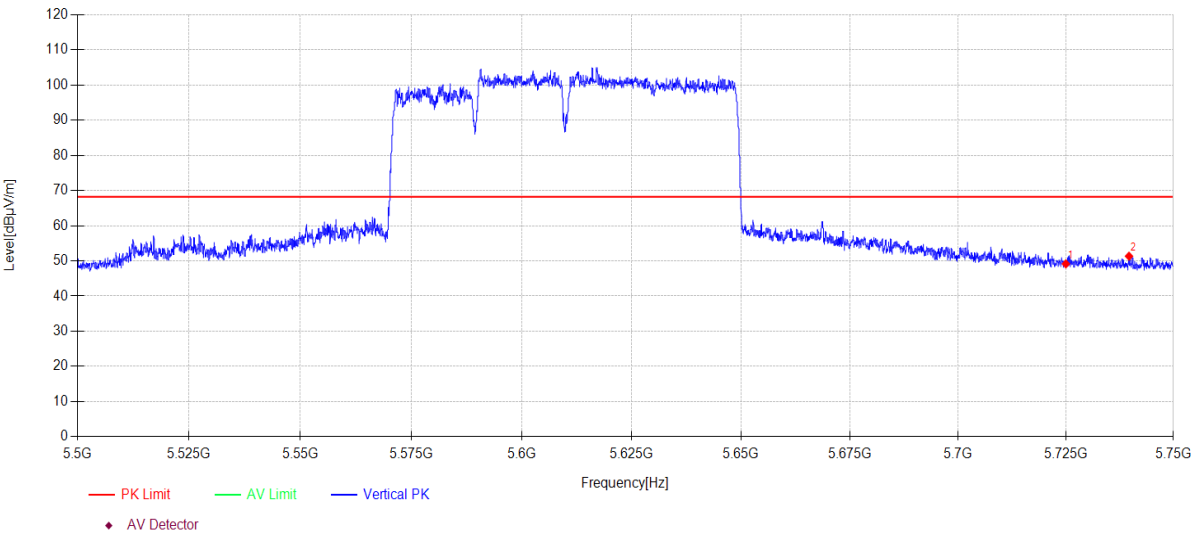
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Memo:

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	5725.000	9.54	33.75	5.87	0.00	49.16	68.20	19.04	PK	Vertical
2	5739.675	11.61	33.84	5.88	0.00	51.33	68.20	16.87	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-26

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40MIMO 5670MHz RU56+RU13
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

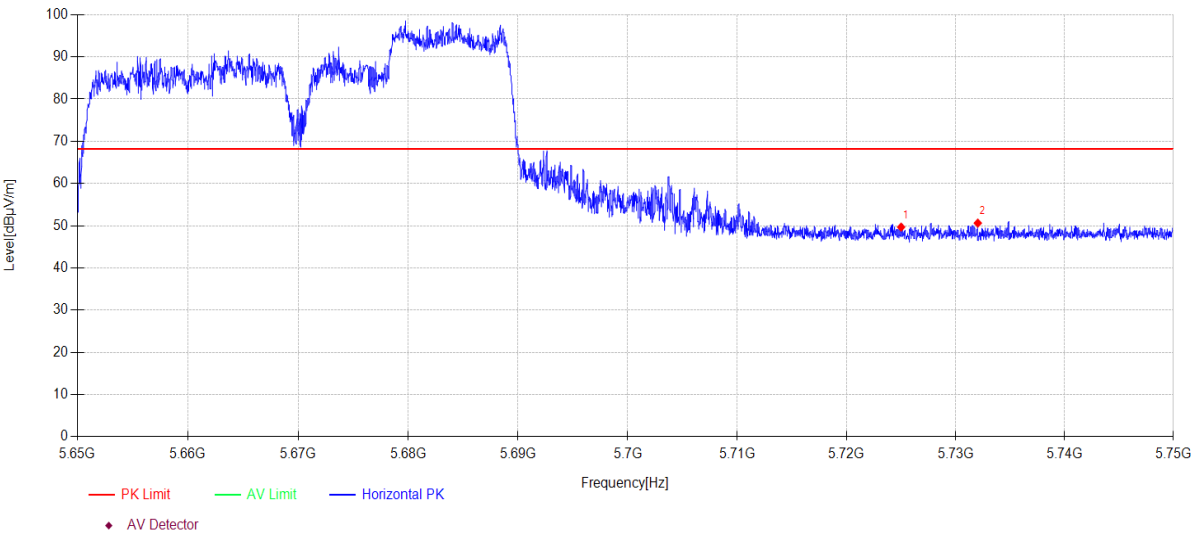
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\193

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	5725.000	10.05	33.75	5.87	0.00	49.67	68.20	18.53	PK	Horizontal
2	5732.030	10.96	33.79	5.88	0.00	50.63	68.20	17.57	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:

2024-04-26

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40MIMO 5670MHz RU56+RU13
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

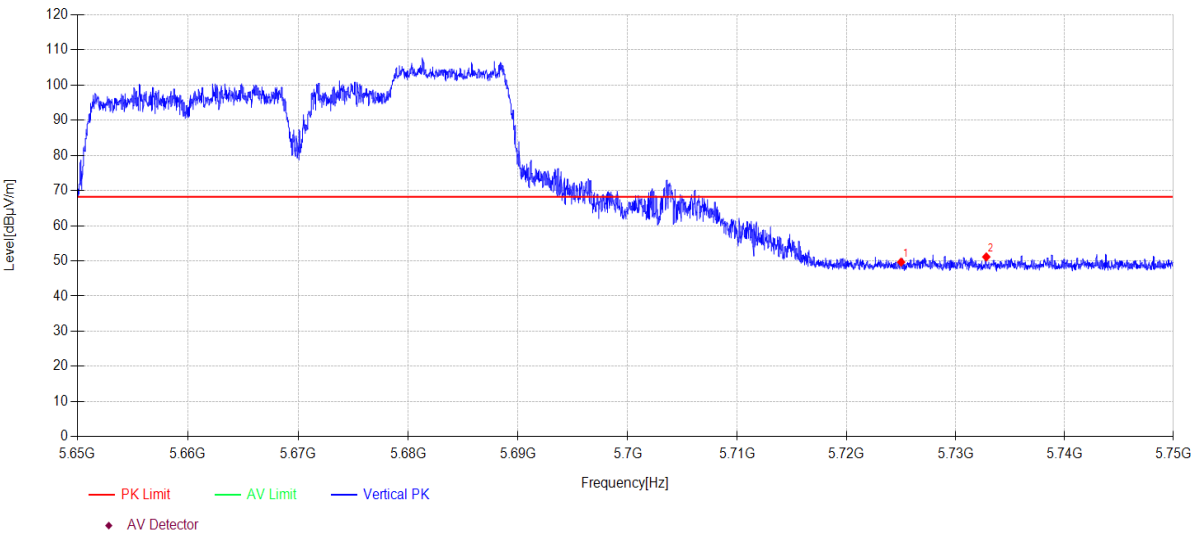
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Memo:

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	5725.000	10.04	33.75	5.87	0.00	49.66	68.20	18.54	PK	Vertical
2	5732.810	11.45	33.80	5.88	0.00	51.13	68.20	17.07	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:

2024-04-26

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20MIMO 5700MHz RU39+RU7
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

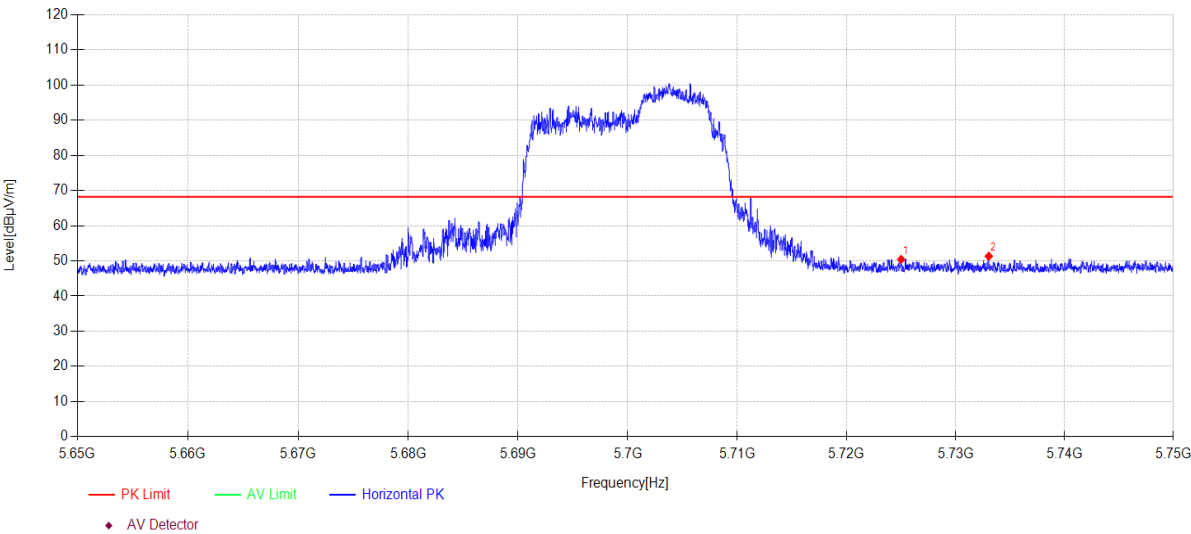
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\195

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	5725.000	10.80	33.75	5.87	0.00	50.42	68.20	17.78	PK	Horizontal
2	5733.040	11.65	33.80	5.88	0.00	51.33	68.20	16.87	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-26

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20MIMO 5700MHz RU39+RU7
ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

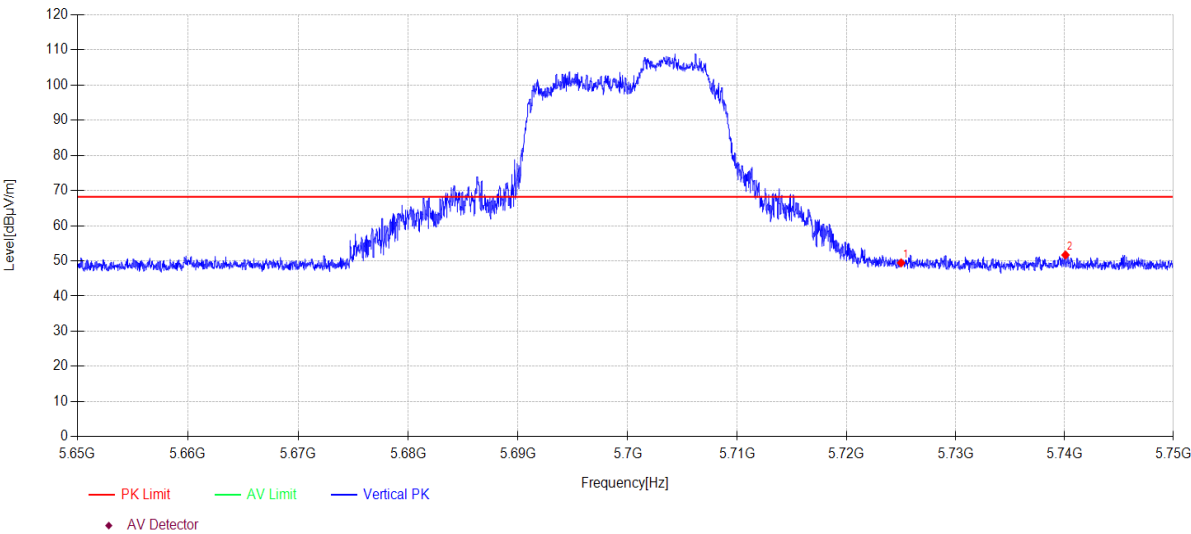
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\196

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	5725.000	9.83	33.75	5.87	0.00	49.45	68.20	18.75	PK	Vertical
2	5740.080	11.96	33.84	5.88	0.00	51.68	68.20	16.52	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 5745MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

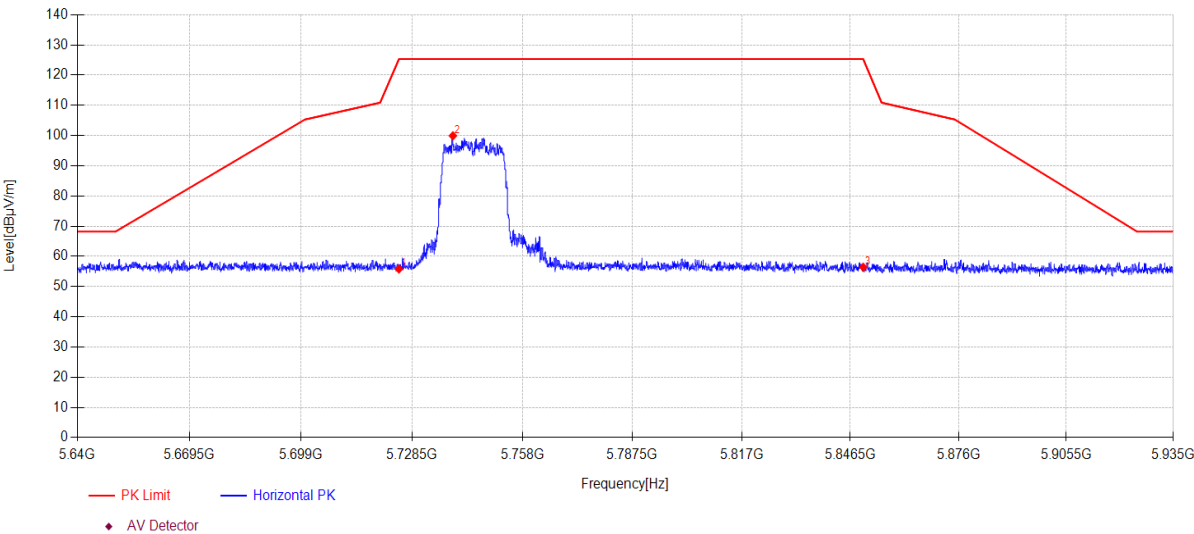
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\33

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	16.19	33.75	5.87	0.00	55.81	125.30	69.49	PK	Horizontal
2	5739.386	60.20	33.84	5.88	0.00	99.92	125.30	25.38	PK	Horizontal
3	5850.000	16.48	34.00	5.94	0.00	56.42	125.27	68.85	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 5745MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

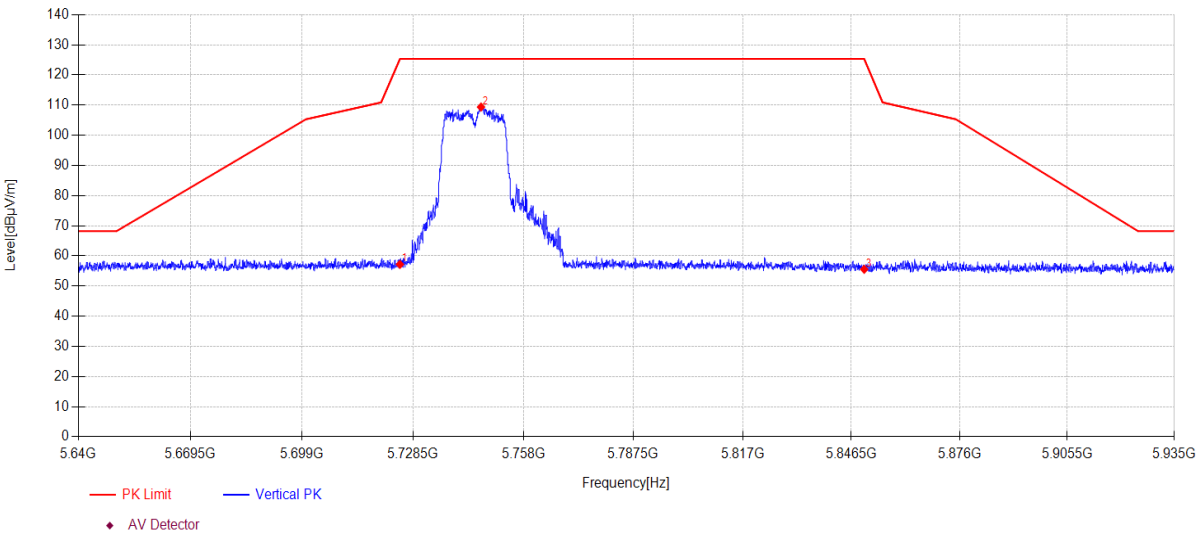
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\34

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.56	33.75	5.87	0.00	57.18	125.30	68.12	PK	Vertical
2	5746.643	69.61	33.88	5.88	0.00	109.37	125.30	15.93	PK	Vertical
3	5850.000	15.62	34.00	5.94	0.00	55.56	125.27	69.71	PK	Vertical

Note:

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

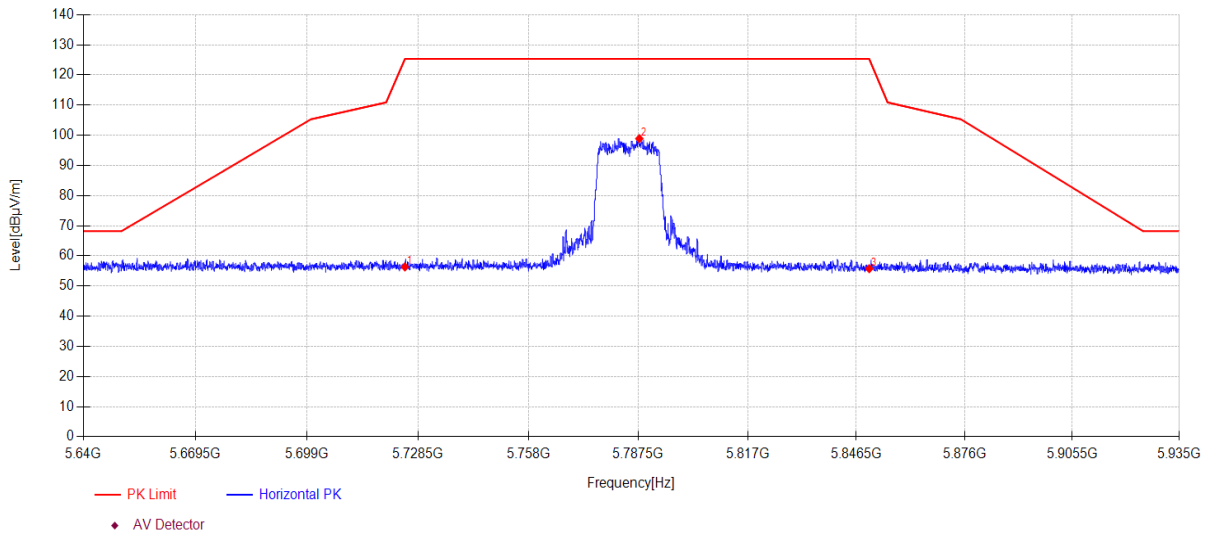
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

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 5785MHz 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 5.8G\35
Memo: Sample Number:S24032709-002 Power Setting:9

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	5725.000	16.70	33.75	5.87	0.00	56.32	125.30	68.98	PK	Horizontal
2	5787.766	58.87	34.13	5.90	0.00	98.90	125.30	26.40	PK	Horizontal
3	5850.000	15.81	34.00	5.94	0.00	55.75	125.27	69.52	PK	Horizontal

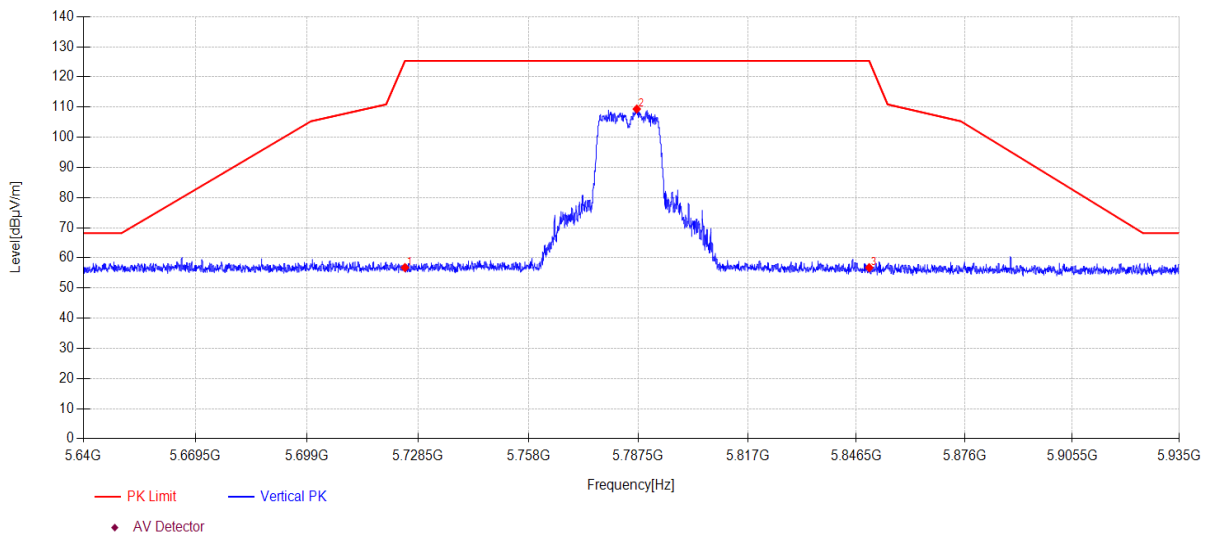
Note:

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 5785MHz 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 5.8G\36
Memo: Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.16	33.75	5.87	0.00	56.78	125.30	68.52	PK	Vertical
2	5787.087	69.35	34.12	5.90	0.00	109.37	125.30	15.93	PK	Vertical
3	5850.000	16.81	34.00	5.94	0.00	56.75	125.27	68.52	PK	Vertical

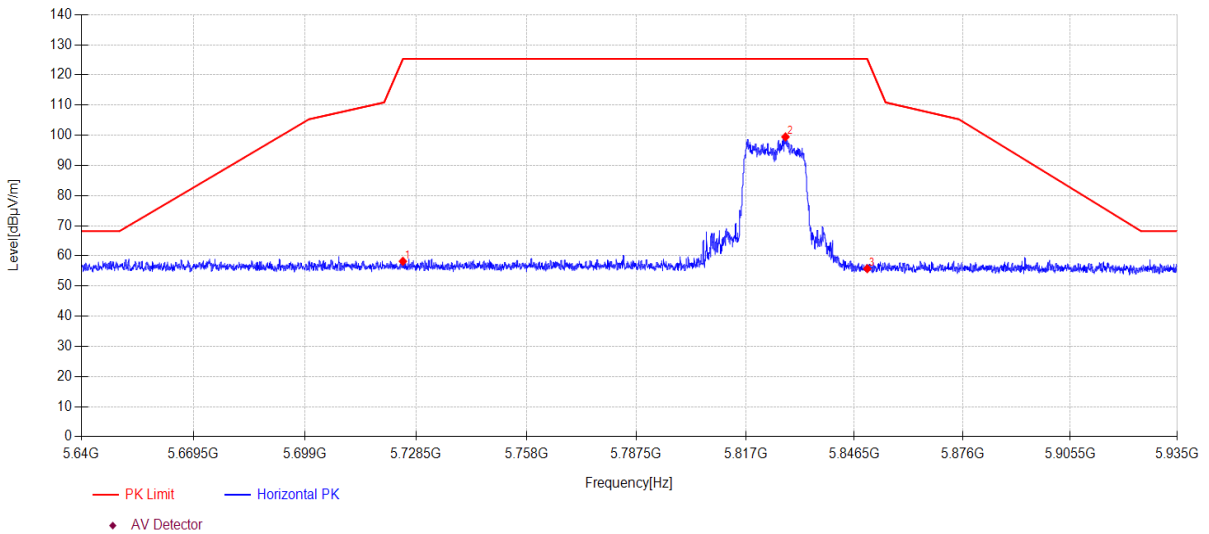
Note:

- 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: 2024-04-18 **Tested By:** Junchang Du
EUT: Wireless Access Point **Model Number:** RG-RAP73Pro
Test Mode: 11A TX 5825MHz 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 5.8G\37
Memo: Sample Number:S24032709-002 Power Setting:9

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	5725.000	18.58	33.75	5.87	0.00	58.20	125.30	67.10	PK	Horizontal
2	5827.797	59.45	34.09	5.92	0.00	99.46	125.30	25.84	PK	Horizontal
3	5850.000	15.81	34.00	5.94	0.00	55.75	125.27	69.52	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 5825MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

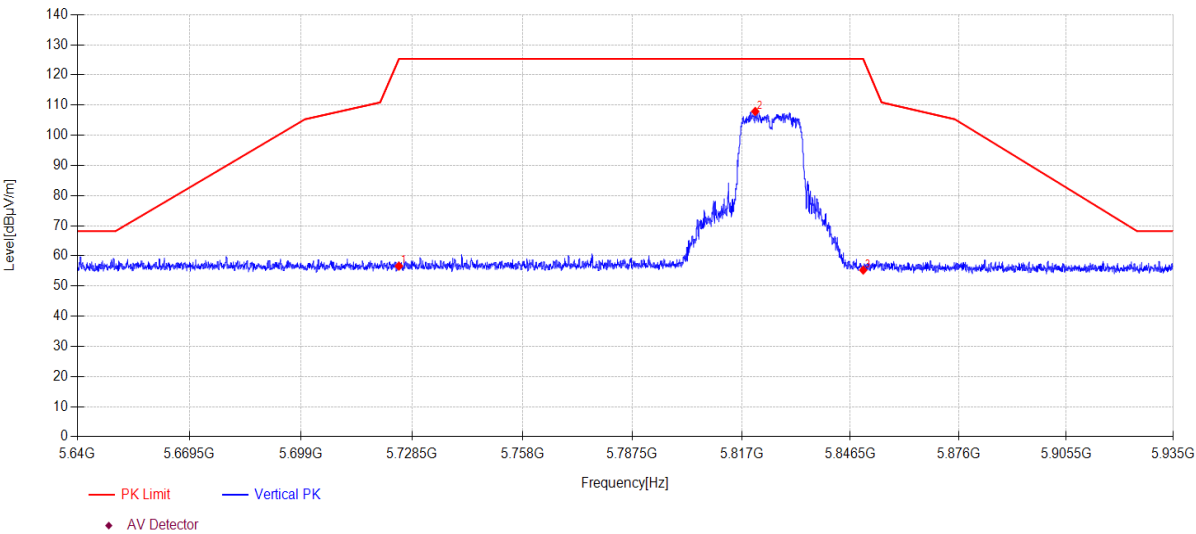
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\38

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	16.99	33.75	5.87	0.00	56.61	125.30	68.69	PK	Vertical
2	5820.688	67.86	34.12	5.92	0.00	107.90	125.30	17.40	PK	Vertical
3	5850.000	15.35	34.00	5.94	0.00	55.29	125.27	69.98	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:

2024-04-24

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11N20 TX 5745MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

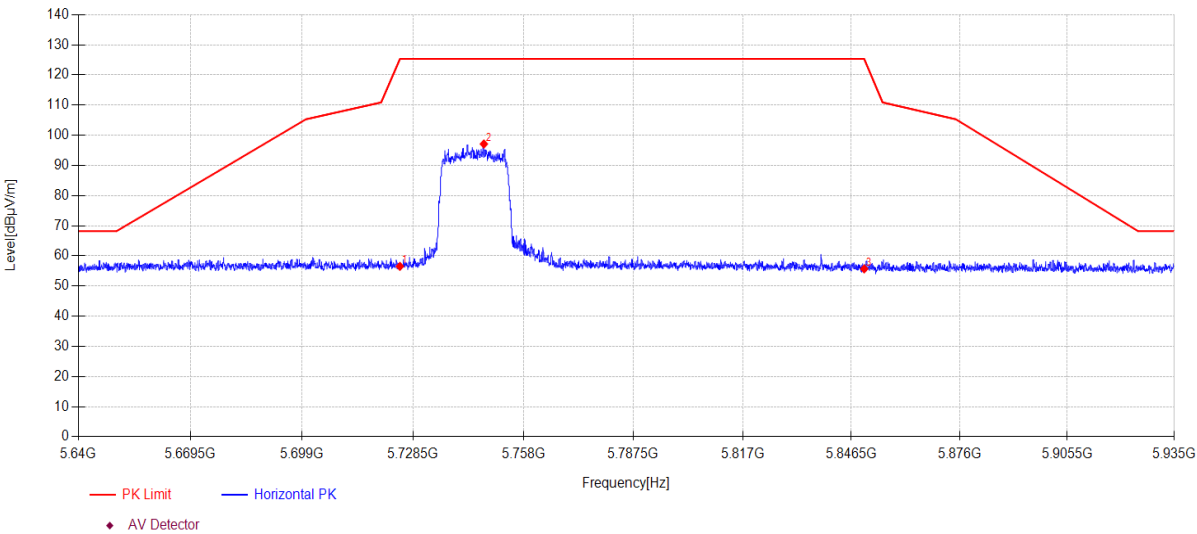
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\39

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	16.91	33.75	5.87	0.00	56.53	125.30	68.77	PK	Horizontal
2	5747.410	57.35	33.88	5.88	0.00	97.11	125.30	28.19	PK	Horizontal
3	5850.000	15.76	34.00	5.94	0.00	55.70	125.27	69.57	PK	Horizontal

Note:

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

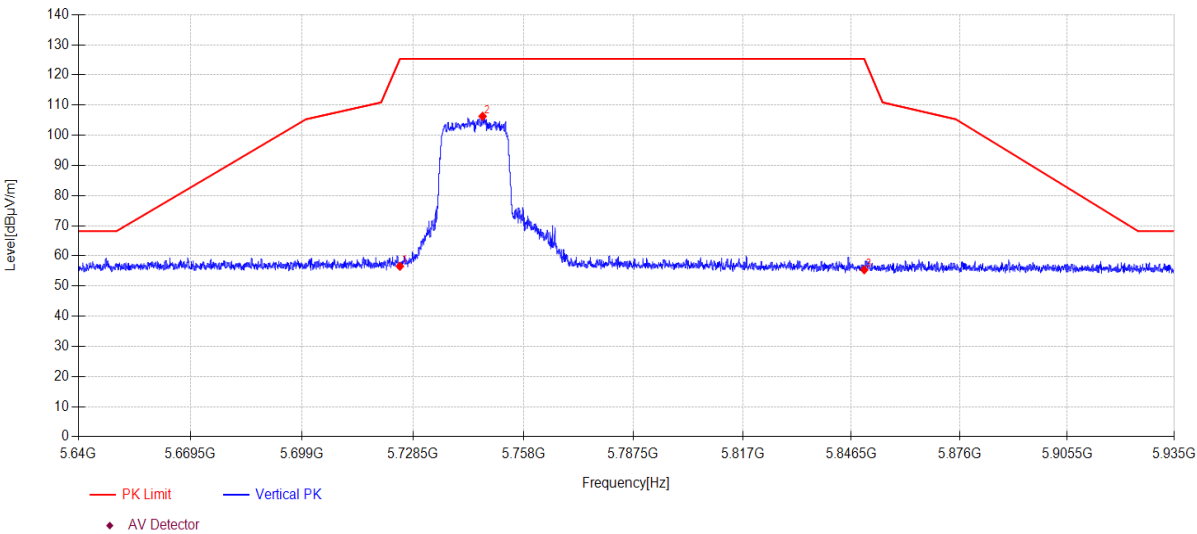
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-04-24 Tested By: Junchang Du
EUT: Wireless Access Point Model Number: RG-RAP73Pro
Test Mode: 11N20 TX 5745MHz 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 5.8G\40
Memo: Sample Number:S24032709-002 Power Setting:9

Test Graph



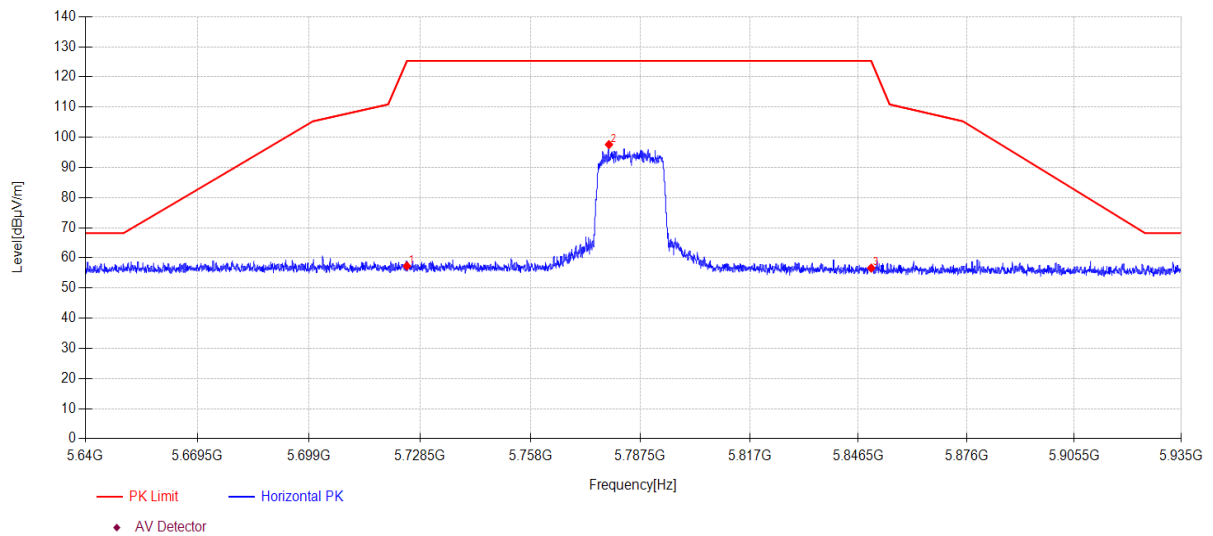
Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	16.93	33.75	5.87	0.00	56.55	125.30	68.75	PK	Vertical
2	5747.056	66.54	33.88	5.88	0.00	106.30	125.30	19.00	PK	Vertical
3	5850.000	15.44	34.00	5.94	0.00	55.38	125.27	69.89	PK	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-04-24 **Tested By:** Junchang Du
EUT: Wireless Access Point **Model Number:** RG-RAP73Pro
Test Mode: 11N20 TX 5785MHz 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 5.8G\41
Memo: Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.68	33.75	5.87	0.00	57.30	125.30	68.00	PK	Horizontal
2	5779.063	57.61	34.07	5.90	0.00	97.58	125.30	27.72	PK	Horizontal
3	5850.000	16.67	34.00	5.94	0.00	56.61	125.27	68.66	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:

2024-04-24

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11N20 TX 5785MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

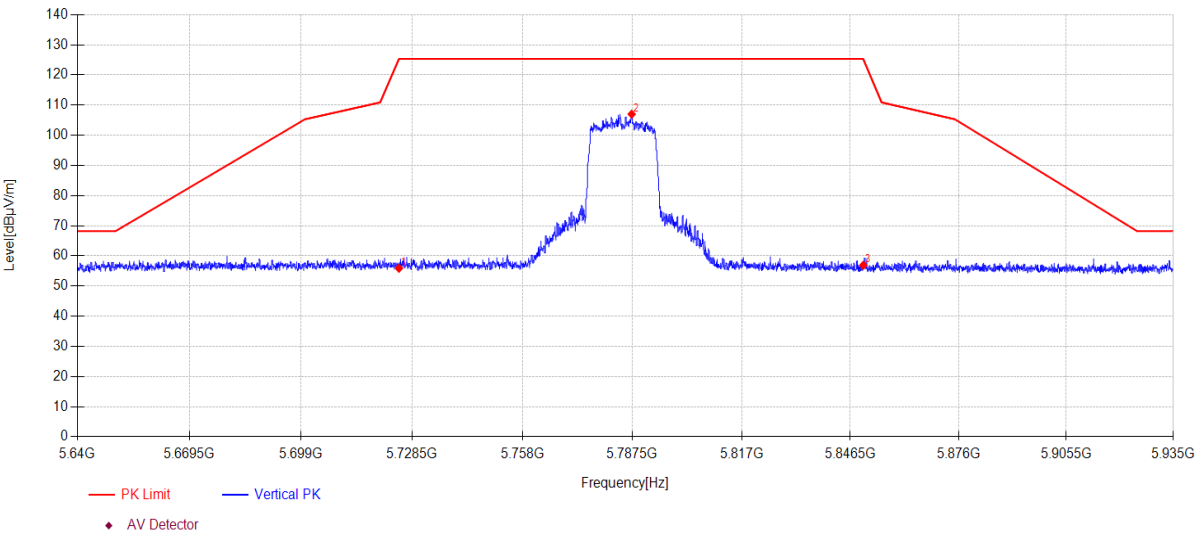
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Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	16.27	33.75	5.87	0.00	55.89	125.30	69.41	PK	Vertical
2	5787.323	66.98	34.12	5.90	0.00	107.00	125.30	18.30	PK	Vertical
3	5850.000	16.94	34.00	5.94	0.00	56.88	125.27	68.39	PK	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-24

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11N20 TX 5825MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

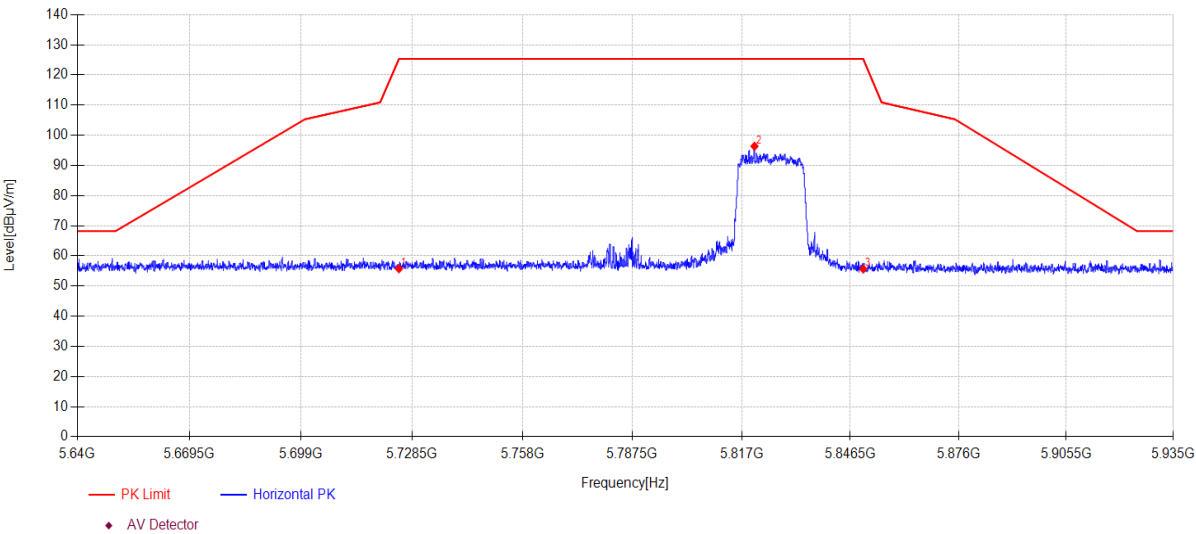
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Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	16.11	33.75	5.87	0.00	55.73	125.30	69.57	PK	Horizontal
2	5820.481	56.33	34.12	5.92	0.00	96.37	125.30	28.93	PK	Horizontal
3	5850.000	15.70	34.00	5.94	0.00	55.64	125.27	69.63	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:

2024-04-24

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11N20 TX 5825MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

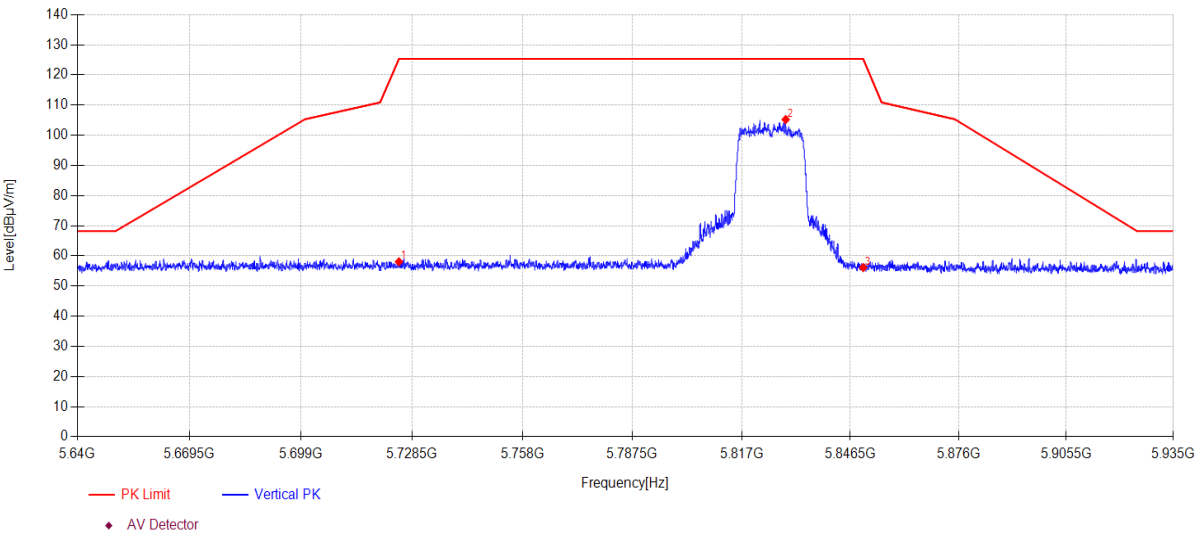
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\44

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	18.42	33.75	5.87	0.00	58.04	125.30	67.26	PK	Vertical
2	5828.948	65.22	34.08	5.92	0.00	105.22	125.30	20.08	PK	Vertical
3	5850.000	16.18	34.00	5.94	0.00	56.12	125.27	69.15	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:

2024-04-24

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC20 TX 5745MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

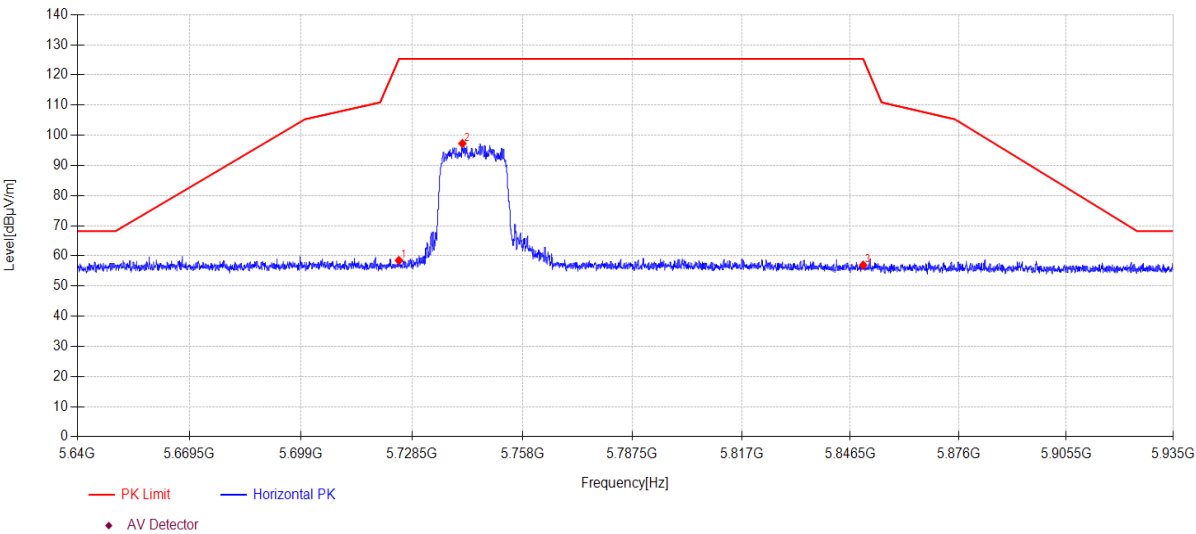
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\45

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	18.86	33.75	5.87	0.00	58.48	125.30	66.82	PK	Horizontal
2	5741.923	57.52	33.85	5.88	0.00	97.25	125.30	28.05	PK	Horizontal
3	5850.000	17.02	34.00	5.94	0.00	56.96	125.27	68.31	PK	Horizontal

Note:

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

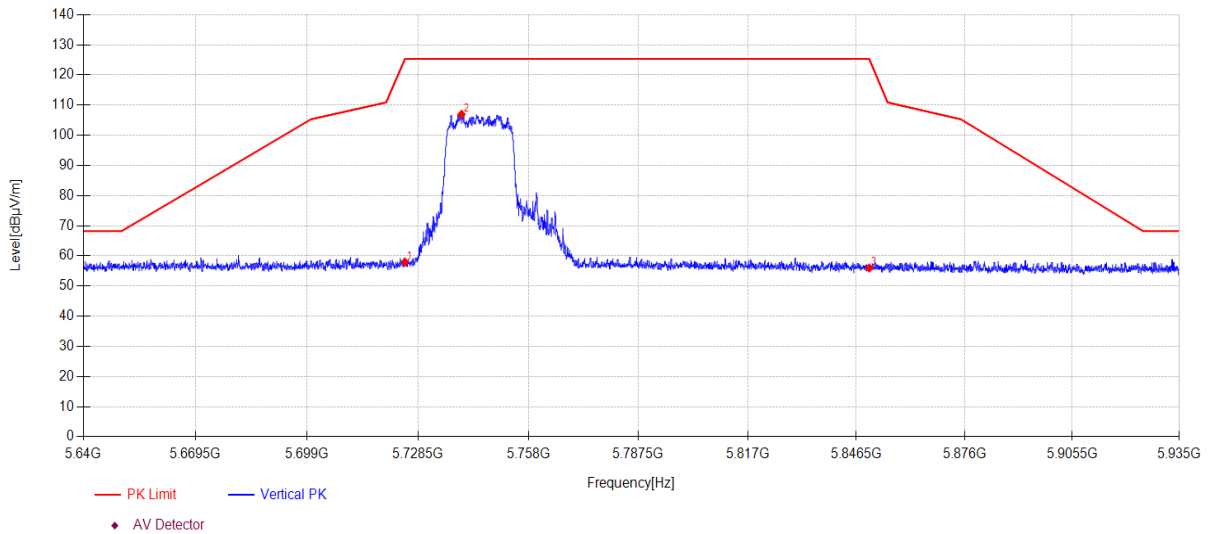
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-04-24 **Tested By:** Junchang Du
EUT: Wireless Access Point **Model Number:** RG-RAP73Pro
Test Mode: 11AC20 TX 5745MHz 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 5.8G\46
Memo: Sample Number:S24032709-002 Power Setting:9

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	5725.000	18.37	33.75	5.87	0.00	57.99	125.30	67.31	PK	Vertical
2	5740.094	67.26	33.84	5.88	0.00	106.98	125.30	18.32	PK	Vertical
3	5850.000	16.03	34.00	5.94	0.00	55.97	125.27	69.30	PK	Vertical

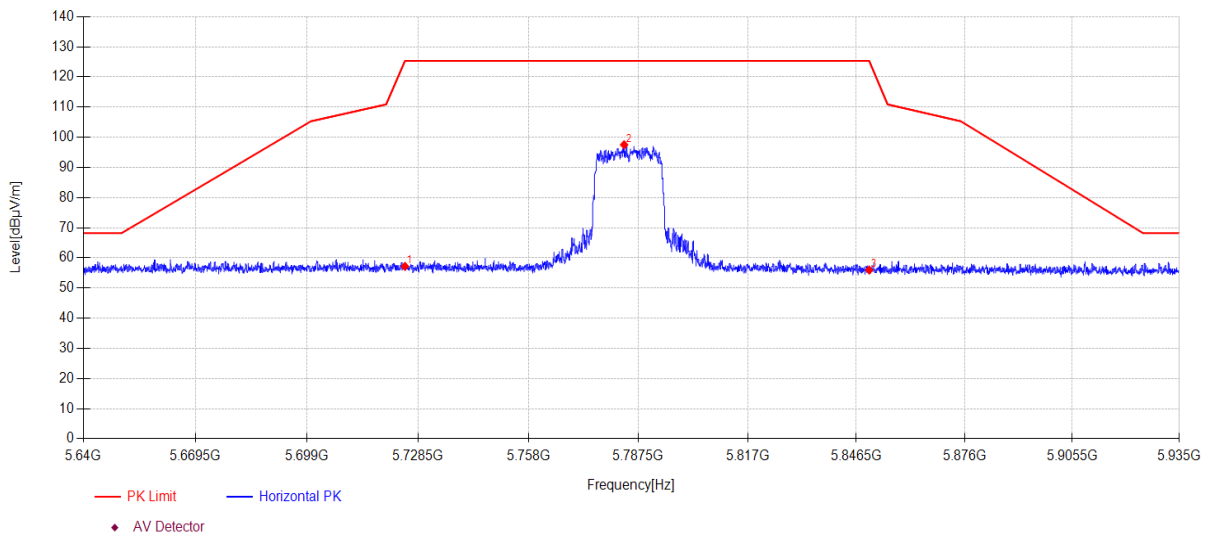
Note:

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: 2024-04-24 **Tested By:** Junchang Du
EUT: Wireless Access Point **Model Number:** RG-RAP73Pro
Test Mode: 11AC20 TX 5785MHz 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 5.8G\47
Memo: Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.58	33.75	5.87	0.00	57.20	125.30	68.10	PK	Horizontal
2	5783.665	57.52	34.10	5.90	0.00	97.52	125.30	27.78	PK	Horizontal
3	5850.000	16.04	34.00	5.94	0.00	55.98	125.27	69.29	PK	Horizontal

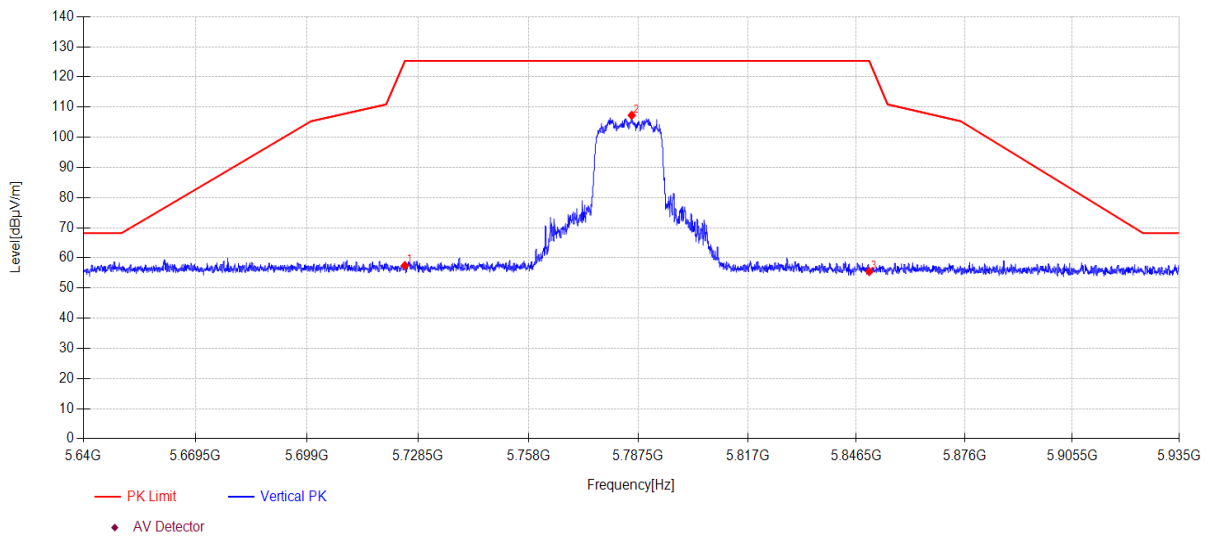
Note:

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: 2024-04-24 **Tested By:** Junchang Du
EUT: Wireless Access Point **Model Number:** RG-RAP73Pro
Test Mode: 11AC20 TX 5785MHz 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 5.8G\48
Memo: Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.84	33.75	5.87	0.00	57.46	125.30	67.84	PK	Vertical
2	5785.730	67.29	34.11	5.90	0.00	107.30	125.30	18.00	PK	Vertical
3	5850.000	15.52	34.00	5.94	0.00	55.46	125.27	69.81	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:2024-04-24

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11AC20 TX 5825MHz ANT1+2+3

Power Supply:AC 120V/60Hz

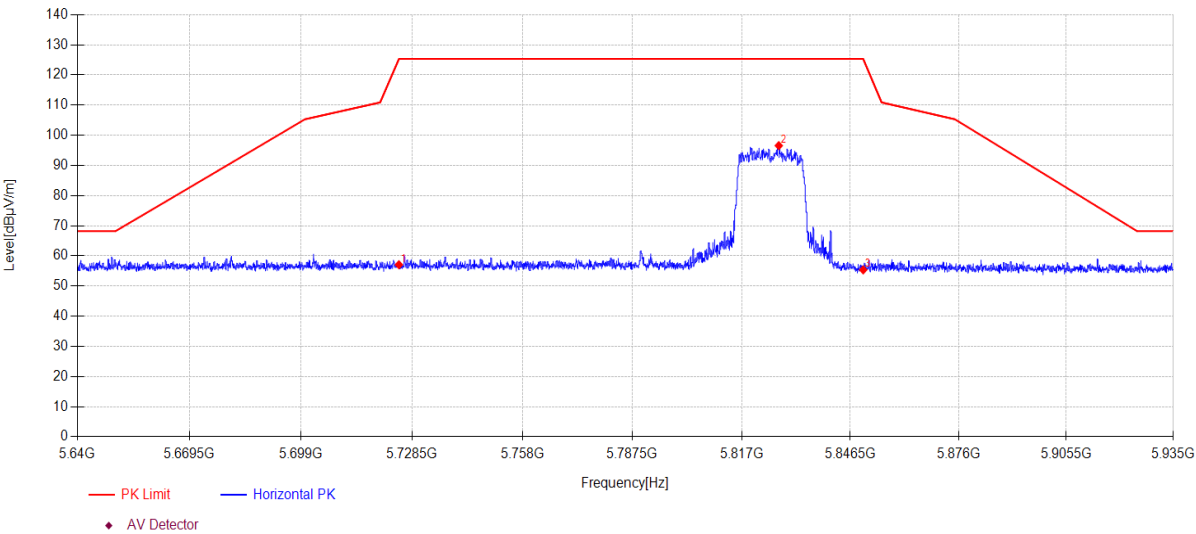
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\49

Memo:Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.45	33.75	5.87	0.00	57.07	125.30	68.23	PK	Horizontal
2	5827.060	56.55	34.09	5.92	0.00	96.56	125.30	28.74	PK	Horizontal
3	5850.000	15.43	34.00	5.94	0.00	55.37	125.27	69.90	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:

2024-04-24

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC20 TX 5825MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

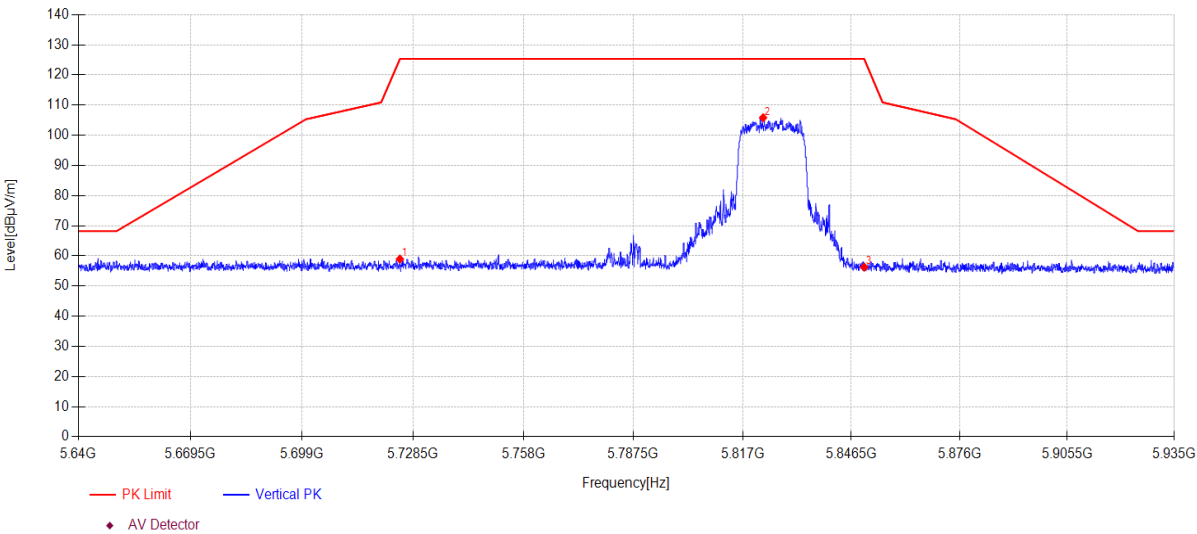
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\50

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	19.32	33.75	5.87	0.00	58.94	125.30	66.36	PK	Vertical
2	5822.546	65.80	34.11	5.92	0.00	105.83	125.30	19.47	PK	Vertical
3	5850.000	16.32	34.00	5.94	0.00	56.26	125.27	69.01	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-24

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5745MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

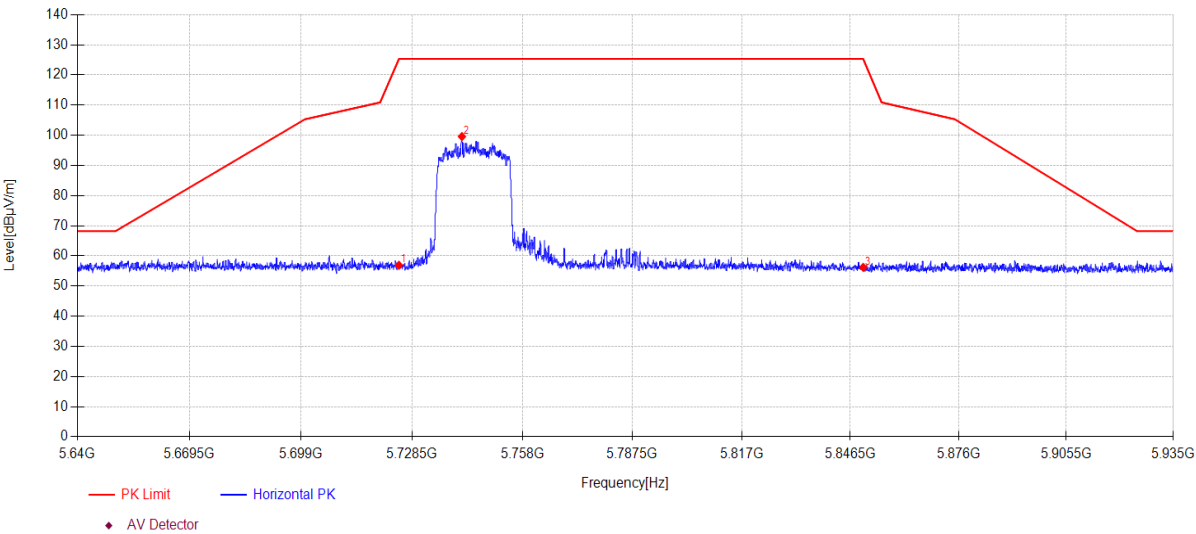
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\51

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.27	33.75	5.87	0.00	56.89	125.30	68.41	PK	Horizontal
2	5741.805	59.85	33.85	5.88	0.00	99.58	125.30	25.72	PK	Horizontal
3	5850.000	16.25	34.00	5.94	0.00	56.19	125.27	69.08	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:

2024-04-24

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5745MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

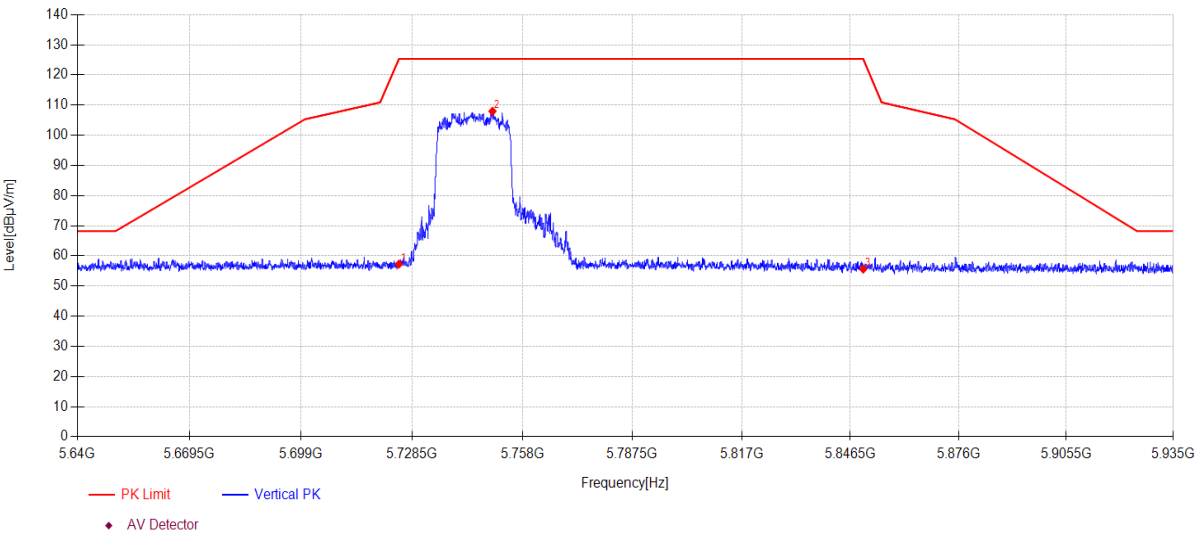
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\52

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.65	33.75	5.87	0.00	57.27	125.30	68.03	PK	Vertical
2	5749.976	68.19	33.90	5.88	0.00	107.97	125.30	17.33	PK	Vertical
3	5850.000	15.69	34.00	5.94	0.00	55.63	125.27	69.64	PK	Vertical

Note:

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

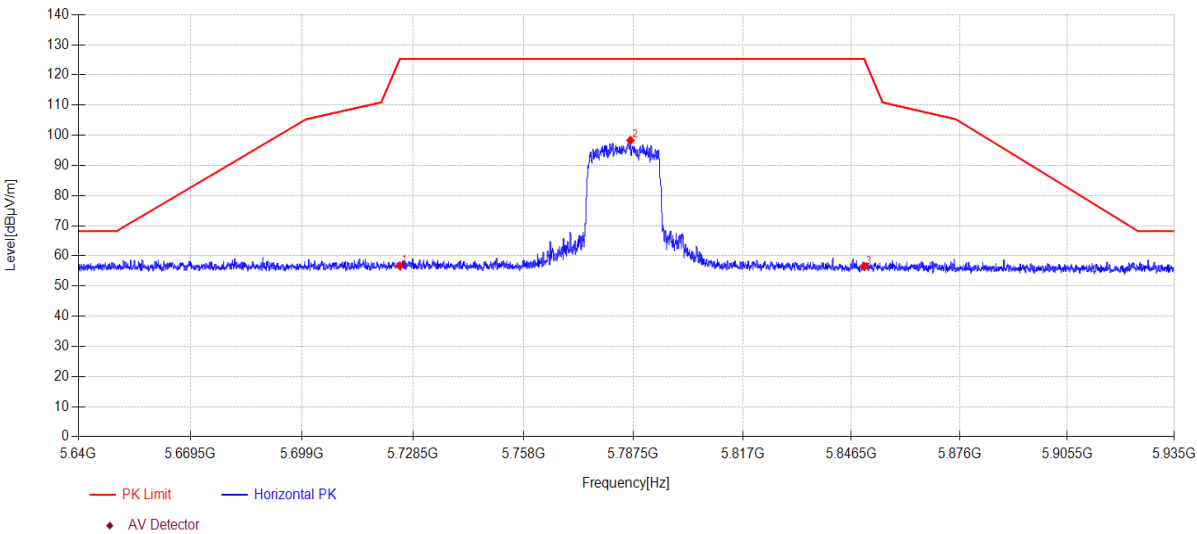
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-04-24 Tested By: Junchang Du
EUT: Wireless Access Point Model Number: RG-RAP73Pro
Test Mode: 11AX20 TX 5785MHz 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 5.8G\53
Memo: Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.10	33.75	5.87	0.00	56.72	125.30	68.58	PK	Horizontal
2	5786.733	58.30	34.12	5.90	0.00	98.32	125.30	26.98	PK	Horizontal
3	5850.000	16.57	34.00	5.94	0.00	56.51	125.27	68.76	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-24

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5785MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

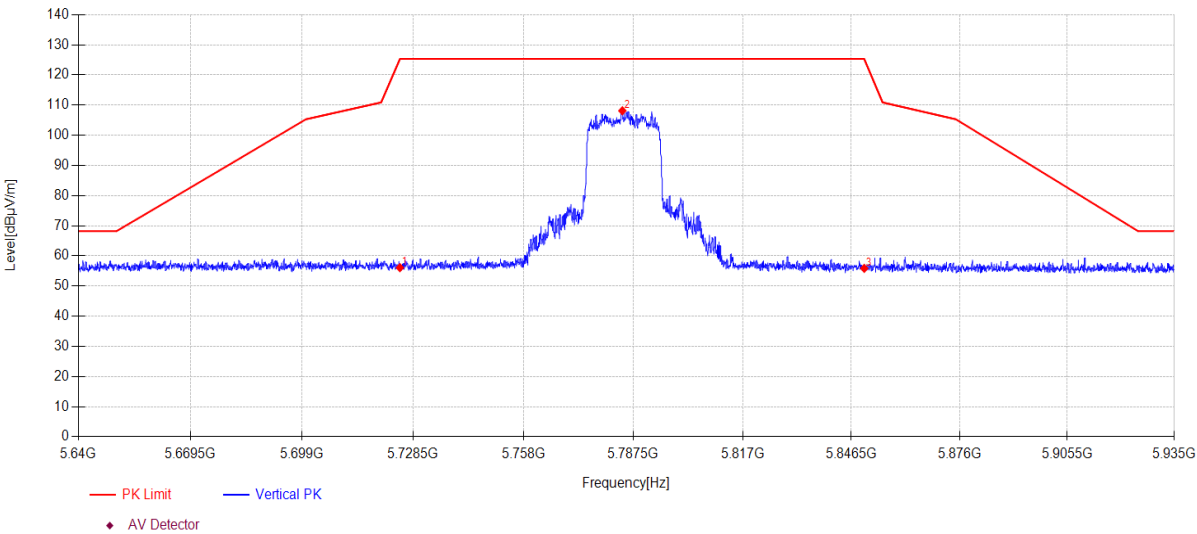
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\54

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	16.46	33.75	5.87	0.00	56.08	125.30	69.22	PK	Vertical
2	5784.550	68.12	34.11	5.90	0.00	108.13	125.30	17.17	PK	Vertical
3	5850.000	15.92	34.00	5.94	0.00	55.86	125.27	69.41	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:

2024-04-24

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5825MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

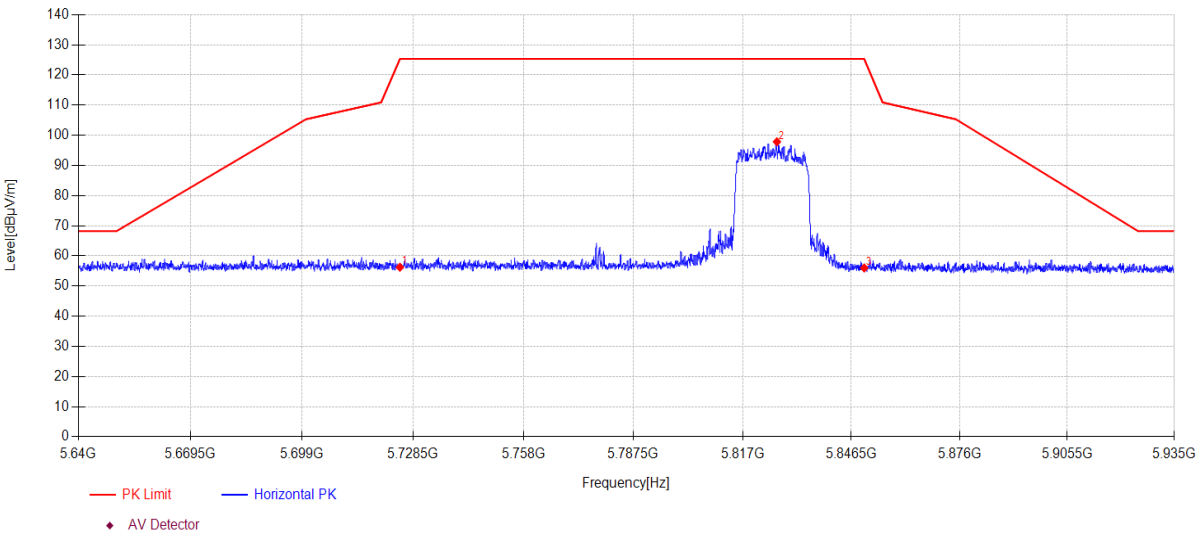
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\55

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	16.61	33.75	5.87	0.00	56.23	125.30	69.07	PK	Horizontal
2	5826.293	57.83	34.09	5.92	0.00	97.84	125.30	27.46	PK	Horizontal
3	5850.000	16.06	34.00	5.94	0.00	56.00	125.27	69.27	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-24

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5825MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

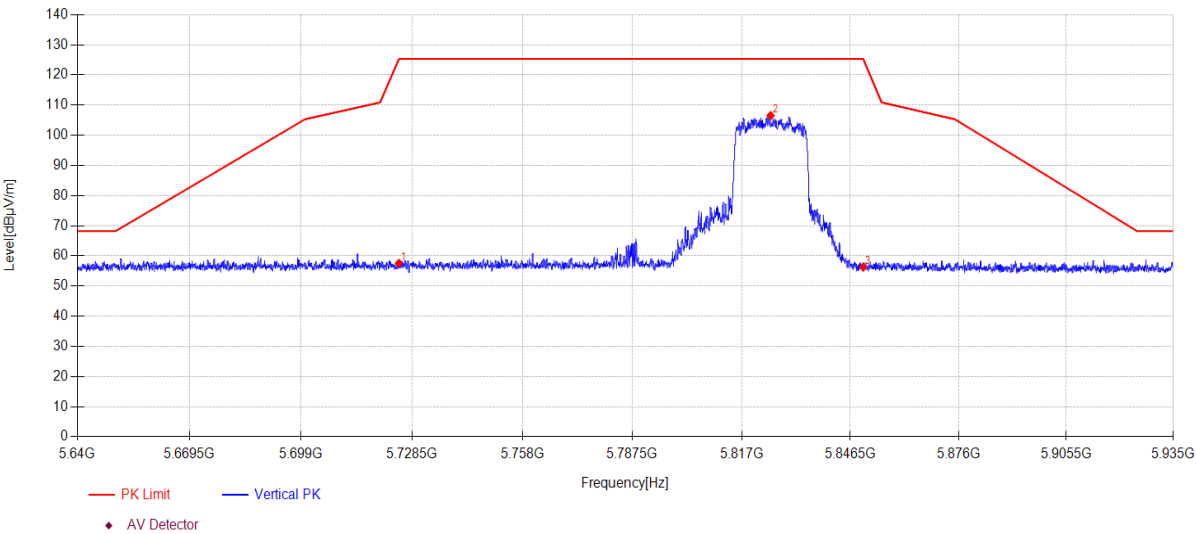
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\56

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.91	33.75	5.87	0.00	57.53	125.30	67.77	PK	Vertical
2	5824.847	66.51	34.10	5.92	0.00	106.53	125.30	18.77	PK	Vertical
3	5850.000	16.32	34.00	5.94	0.00	56.26	125.27	69.01	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-24

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20 TX 5745MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

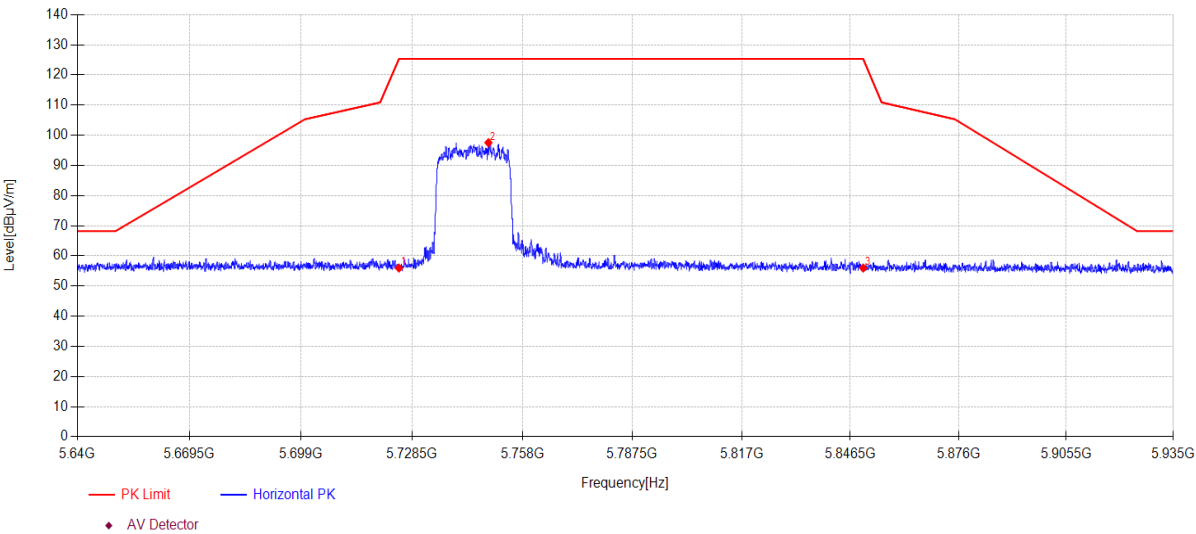
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\57

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	16.33	33.75	5.87	0.00	55.95	125.30	69.35	PK	Horizontal
2	5748.885	57.78	33.89	5.88	0.00	97.55	125.30	27.75	PK	Horizontal
3	5850.000	16.03	34.00	5.94	0.00	55.97	125.27	69.30	PK	Horizontal

Note:

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

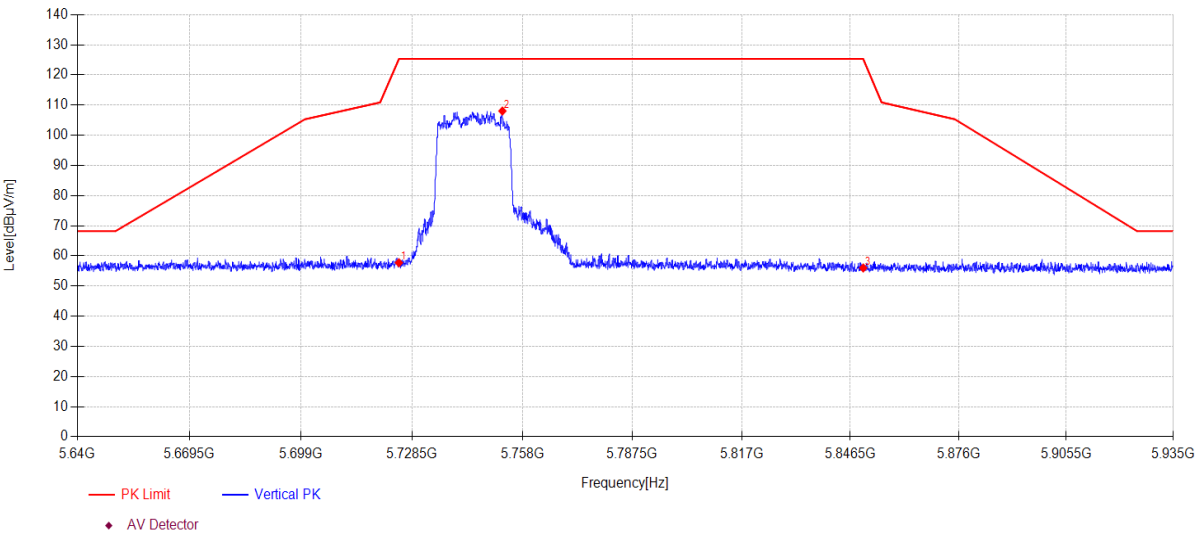
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-04-24 Tested By: Junchang Du
EUT: Wireless Access Point Model Number: RG-RAP73Pro
Test Mode: 11BE20 TX 5745MHz 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 5.8G\58
Memo: Sample Number:S24032709-002 Power Setting:9

Test Graph



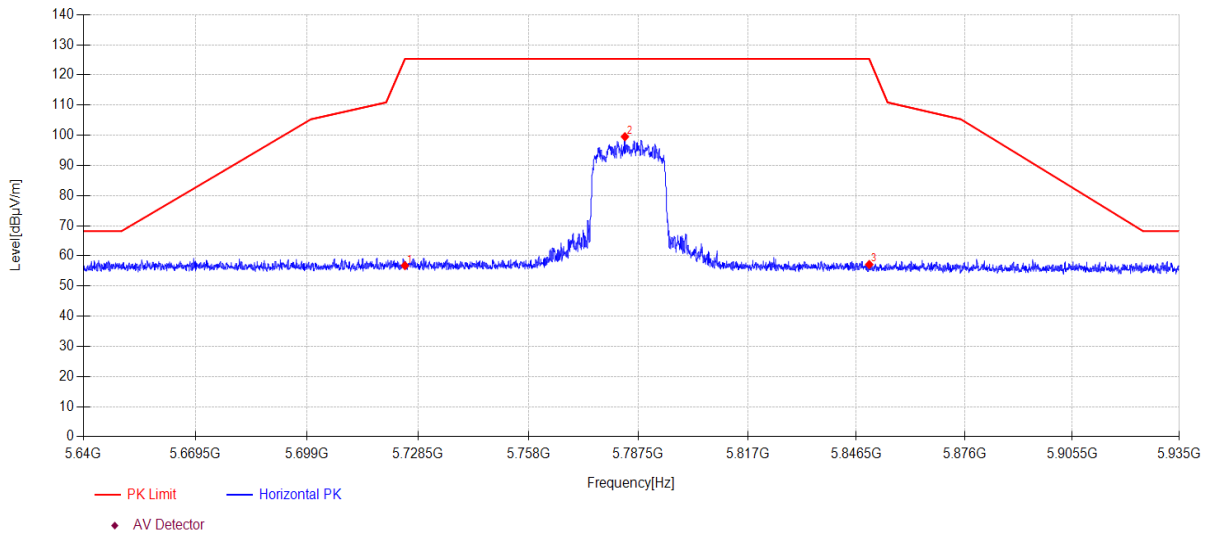
Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	18.11	33.75	5.87	0.00	57.73	125.30	67.57	PK	Vertical
2	5752.631	68.24	33.92	5.89	0.00	108.05	125.30	17.25	PK	Vertical
3	5850.000	16.05	34.00	5.94	0.00	55.99	125.27	69.28	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: 2024-04-24 **Tested By:** Junchang Du
EUT: Wireless Access Point **Model Number:** RG-RAP73Pro
Test Mode: 11BE20 TX 5785MHz 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 5.8G\59
Memo: Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.15	33.75	5.87	0.00	56.77	125.30	68.53	PK	Horizontal
2	5783.901	59.52	34.10	5.90	0.00	99.52	125.30	25.78	PK	Horizontal
3	5850.000	17.20	34.00	5.94	0.00	57.14	125.27	68.13	PK	Horizontal

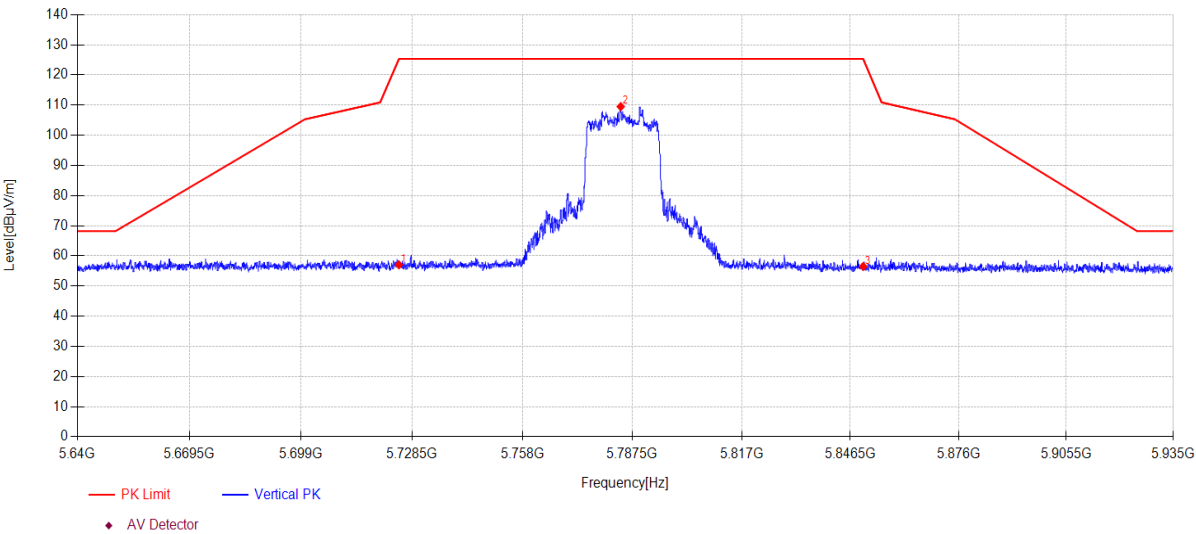
Note:

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: 2024-04-24 Tested By: Junchang Du
EUT: Wireless Access Point Model Number: RG-RAP73Pro
Test Mode: 11BE20 TX 5785MHz 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 5.8G\60
Memo: Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.41	33.75	5.87	0.00	57.03	125.30	68.27	PK	Vertical
2	5784.373	69.49	34.11	5.90	0.00	109.50	125.30	15.80	PK	Vertical
3	5850.000	16.54	34.00	5.94	0.00	56.48	125.27	68.79	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:2024-04-24Tested By:Junchang Du

EUT:Wireless Access PointModel Number:RG-RAP73Pro

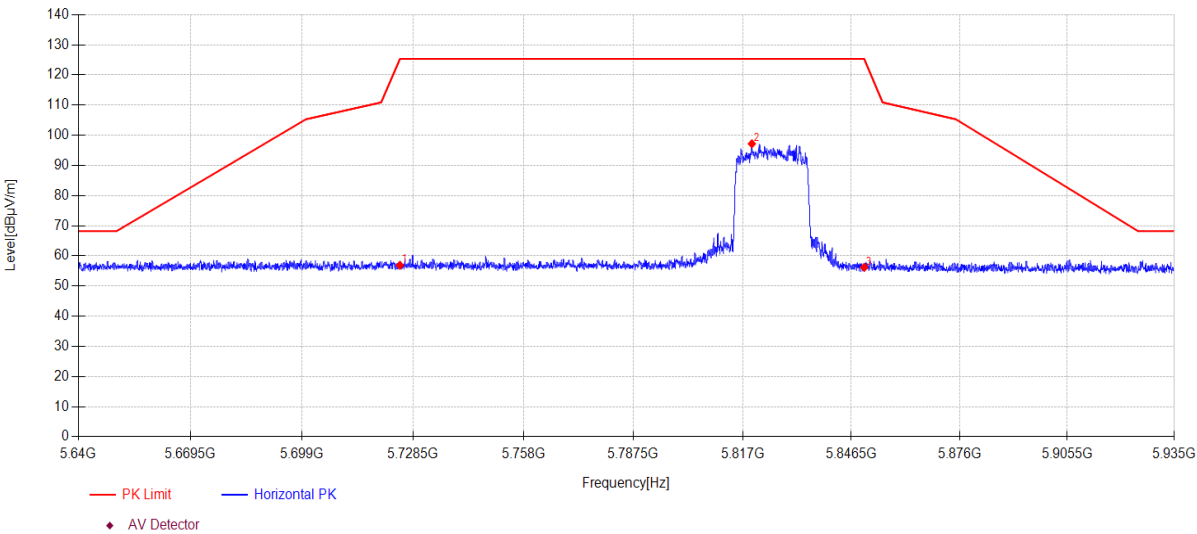
Test Mode:11BE20 TX 5825MHz ANT1+2+3Power Supply:AC 120V/60Hz

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 5.8G\61

Memo:Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.26	33.75	5.87	0.00	56.88	125.30	68.42	PK	Horizontal
2	5819.508	57.14	34.12	5.92	0.00	97.18	125.30	28.12	PK	Horizontal
3	5850.000	16.25	34.00	5.94	0.00	56.19	125.27	69.08	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:

2024-04-24

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20 TX 5825MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

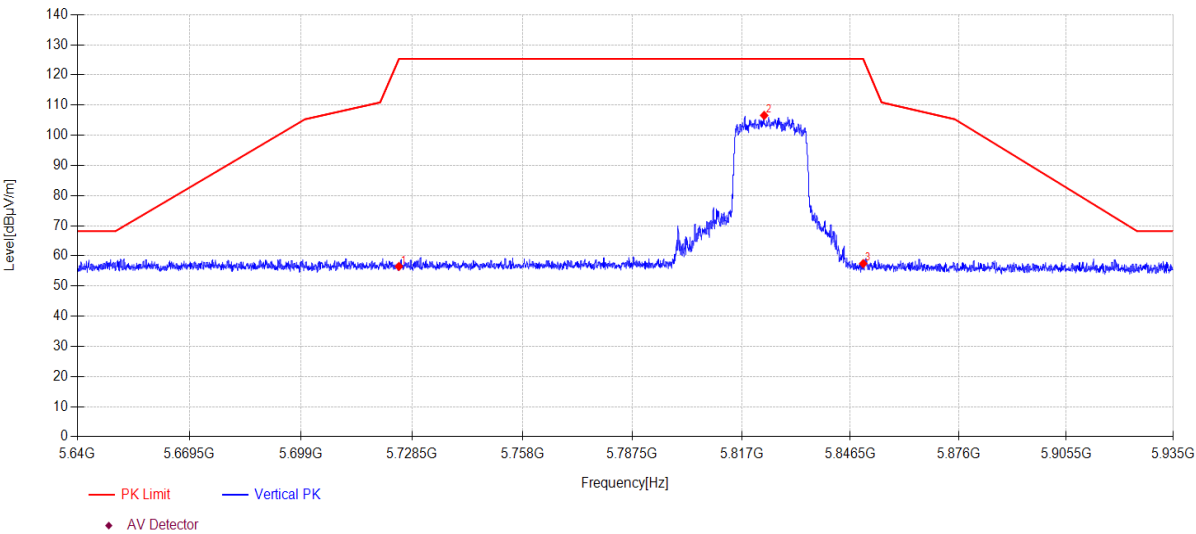
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\62

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	16.87	33.75	5.87	0.00	56.49	125.30	68.81	PK	Vertical
2	5823.107	66.56	34.11	5.92	0.00	106.59	125.30	18.71	PK	Vertical
3	5850.000	17.50	34.00	5.94	0.00	57.44	125.27	67.83	PK	Vertical

Note:

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

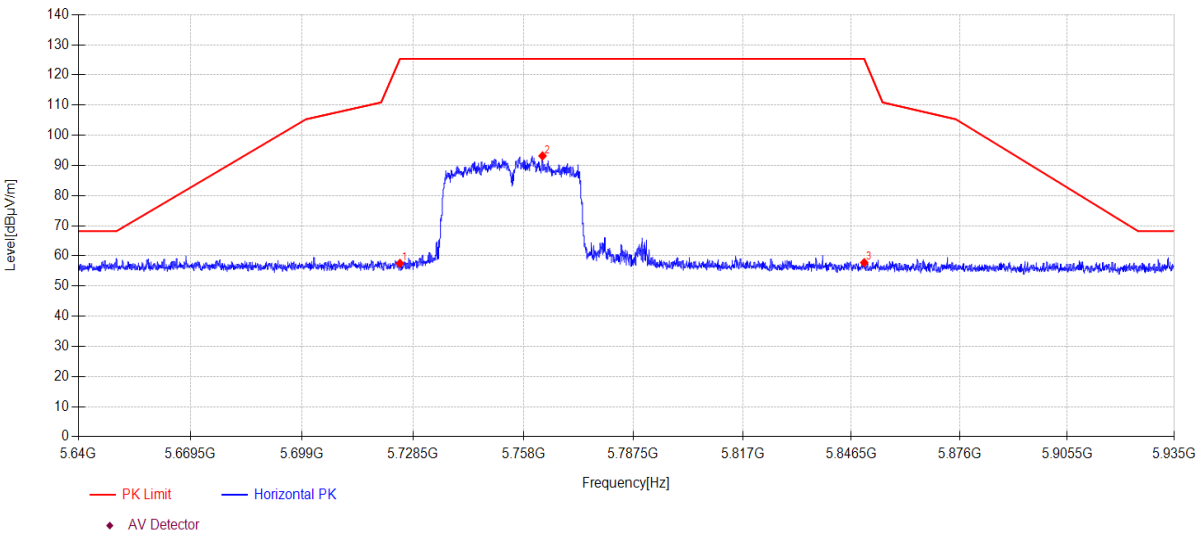
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-04-24 Tested By: Junchang Du
EUT: Wireless Access Point Model Number: RG-RAP73Pro
Test Mode: 11N40 TX 5755MHz 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 5.8G\63
Memo: Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.90	33.75	5.87	0.00	57.52	125.30	67.78	PK	Horizontal
2	5763.104	53.29	33.98	5.89	0.00	93.16	125.30	32.14	PK	Horizontal
3	5850.000	17.83	34.00	5.94	0.00	57.77	125.27	67.50	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:2024-04-24

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11N40 TX 5755MHz ANT1+2+3

Power Supply:AC 120V/60Hz

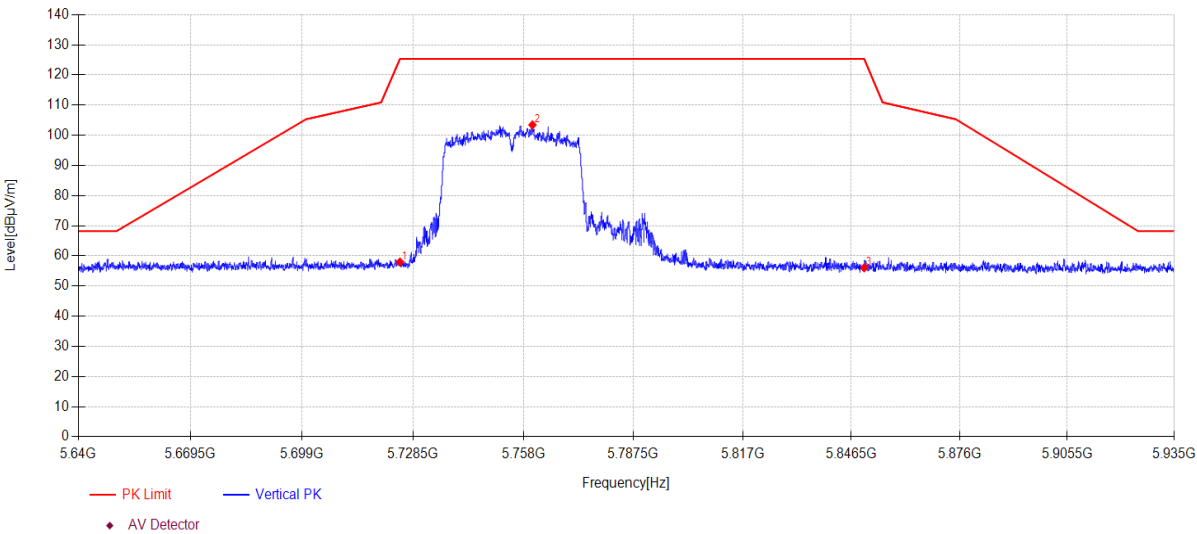
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\64

Memo:Sample Number:S24032709-002 Power Setting:9

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	5725.000	18.34	33.75	5.87	0.00	57.96	125.30	67.34	PK	Vertical
2	5760.419	63.60	33.96	5.89	0.00	103.45	125.30	21.85	PK	Vertical
3	5850.000	16.10	34.00	5.94	0.00	56.04	125.27	69.23	PK	Vertical

Note:

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

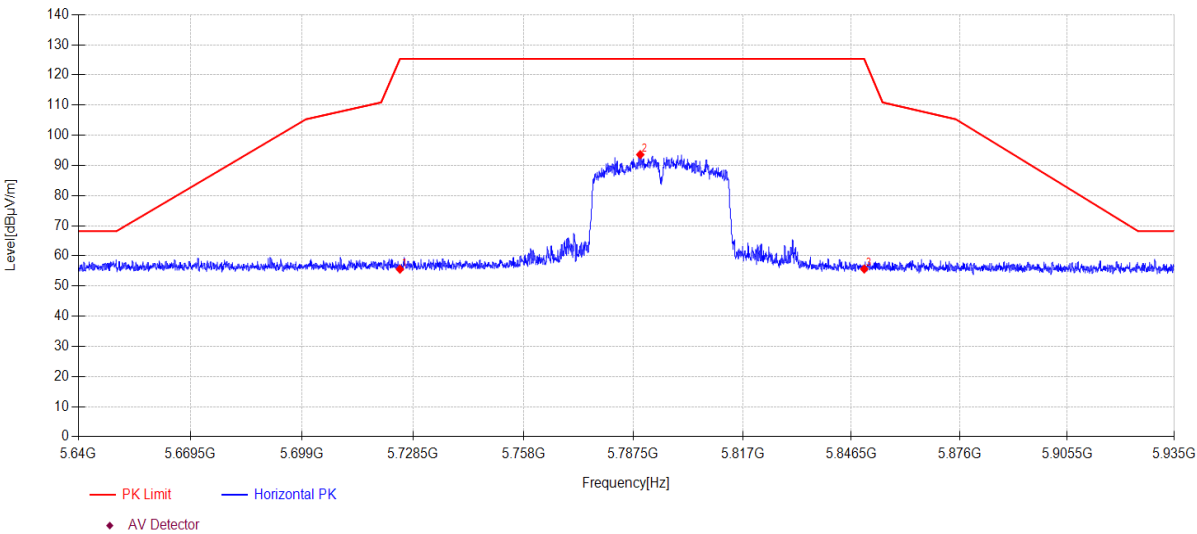
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-04-24 Tested By: Junchang Du
EUT: Wireless Access Point Model Number: RG-RAP73Pro
Test Mode: 11N40 TX 5795MHz 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 5.8G\65
Memo: Sample Number:S24032709-002 Power Setting:9

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	5725.000	15.97	33.75	5.87	0.00	55.59	125.30	69.71	PK	Horizontal
2	5789.359	53.54	34.14	5.90	0.00	93.58	125.30	31.72	PK	Horizontal
3	5850.000	15.70	34.00	5.94	0.00	55.64	125.27	69.63	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:2024-04-24

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11N40 TX 5795MHz ANT1+2+3

Power Supply:AC 120V/60Hz

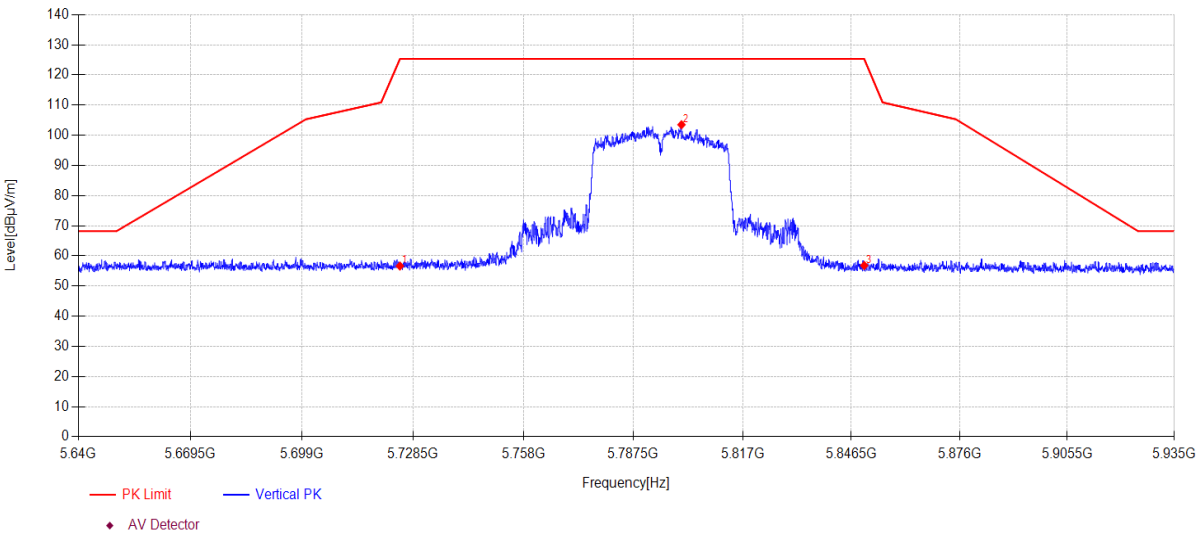
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\66

Memo:Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.02	33.75	5.87	0.00	56.64	125.30	68.66	PK	Vertical
2	5800.480	63.39	34.20	5.91	0.00	103.50	125.30	21.80	PK	Vertical
3	5850.000	16.86	34.00	5.94	0.00	56.80	125.27	68.47	PK	Vertical

Note:

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

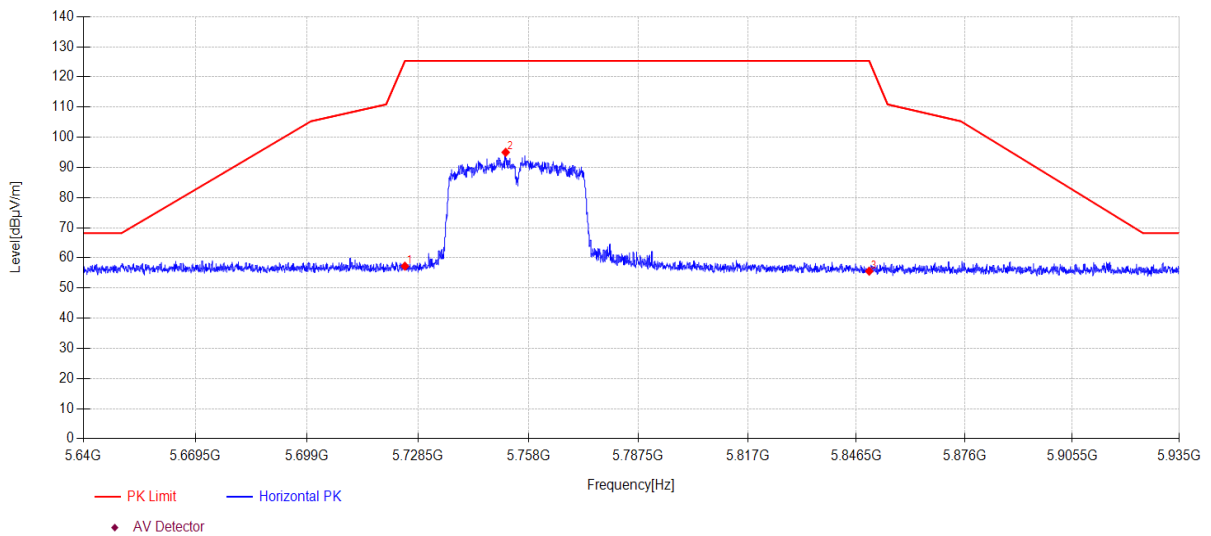
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-04-25 **Tested By:** Junchang Du
EUT: Wireless Access Point **Model Number:** RG-RAP73Pro
Test Mode: 11AC40 TX 5755MHz 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 5.8G\67
Memo: Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.63	33.75	5.87	0.00	57.25	125.30	68.05	PK	Horizontal
2	5751.894	55.21	33.91	5.89	0.00	95.01	125.30	30.29	PK	Horizontal
3	5850.000	15.65	34.00	5.94	0.00	55.59	125.27	69.68	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:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC40 TX 5755MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

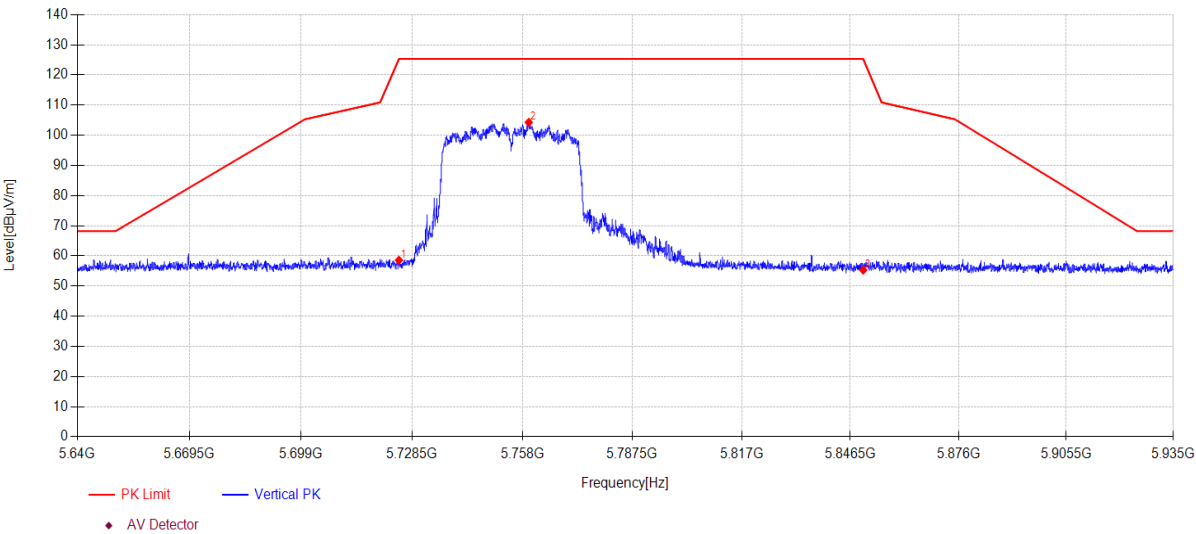
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\68

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	18.94	33.75	5.87	0.00	58.56	125.30	66.74	PK	Vertical
2	5759.682	64.44	33.96	5.89	0.00	104.29	125.30	21.01	PK	Vertical
3	5850.000	15.36	34.00	5.94	0.00	55.30	125.27	69.97	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC40 TX 5795MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

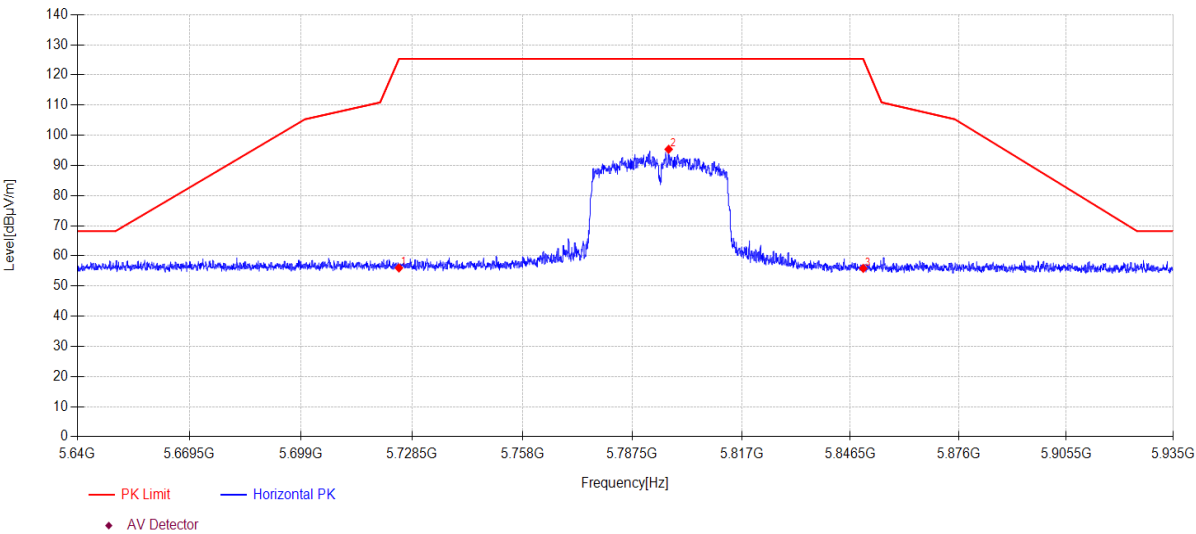
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\69

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	16.38	33.75	5.87	0.00	56.00	125.30	69.30	PK	Horizontal
2	5797.294	55.26	34.18	5.91	0.00	95.35	125.30	29.95	PK	Horizontal
3	5850.000	15.92	34.00	5.94	0.00	55.86	125.27	69.41	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:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC40 TX 5795MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

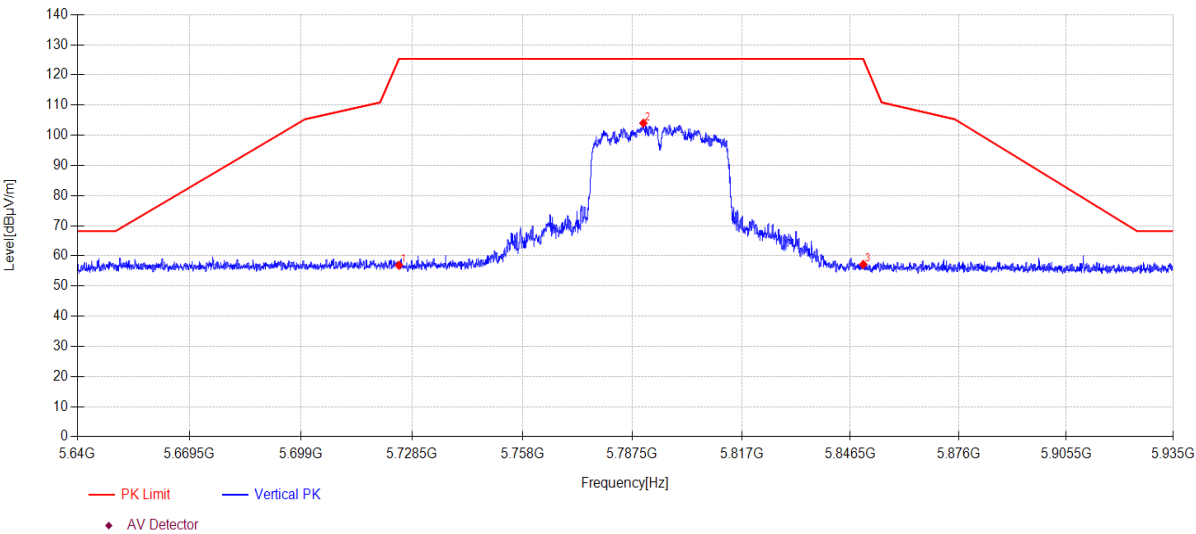
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\70

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.28	33.75	5.87	0.00	56.90	125.30	68.40	PK	Vertical
2	5790.480	63.98	34.14	5.91	0.00	104.03	125.30	21.27	PK	Vertical
3	5850.000	17.23	34.00	5.94	0.00	57.17	125.27	68.10	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:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX40 TX 5755MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

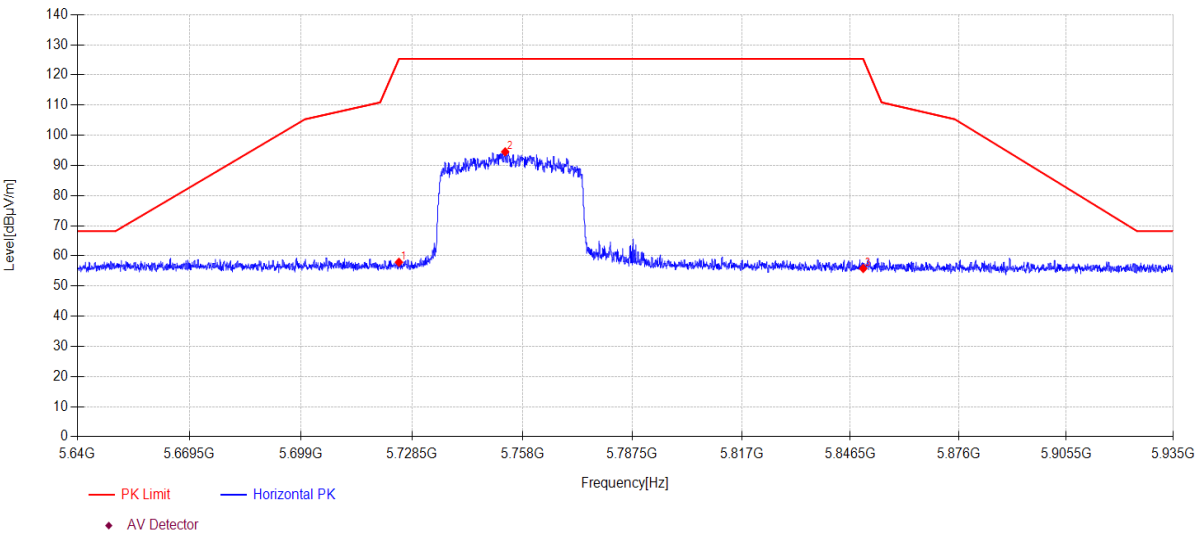
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\71

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	18.28	33.75	5.87	0.00	57.90	125.30	67.40	PK	Horizontal
2	5753.369	54.71	33.92	5.89	0.00	94.52	125.30	30.78	PK	Horizontal
3	5850.000	15.88	34.00	5.94	0.00	55.82	125.27	69.45	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:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX40 TX 5755MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

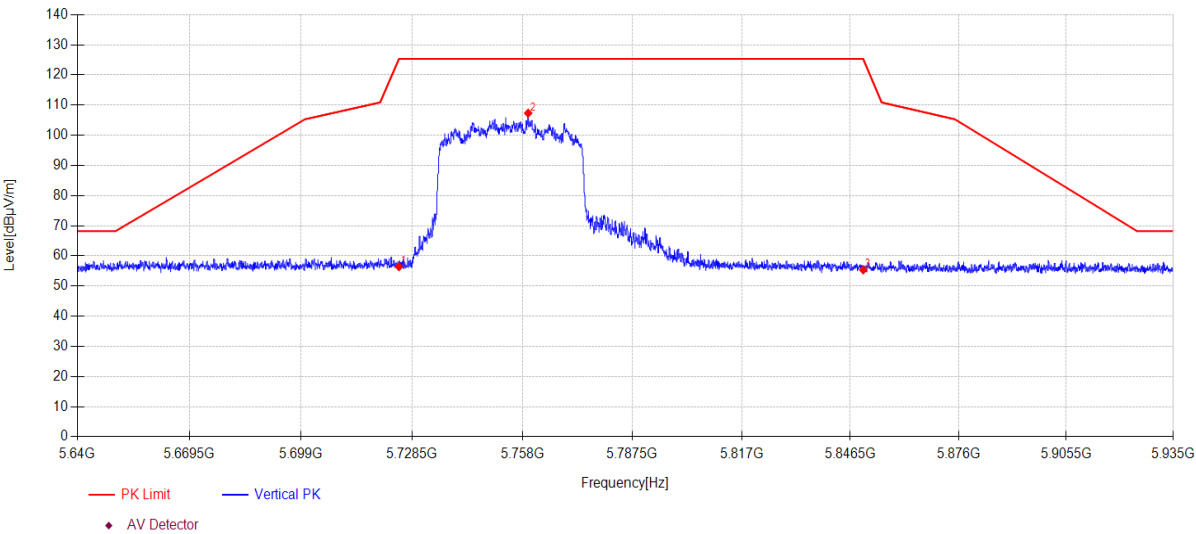
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\72

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	16.79	33.75	5.87	0.00	56.41	125.30	68.89	PK	Vertical
2	5759.534	67.48	33.96	5.89	0.00	107.33	125.30	17.97	PK	Vertical
3	5850.000	15.42	34.00	5.94	0.00	55.36	125.27	69.91	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:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX40 TX 5795MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

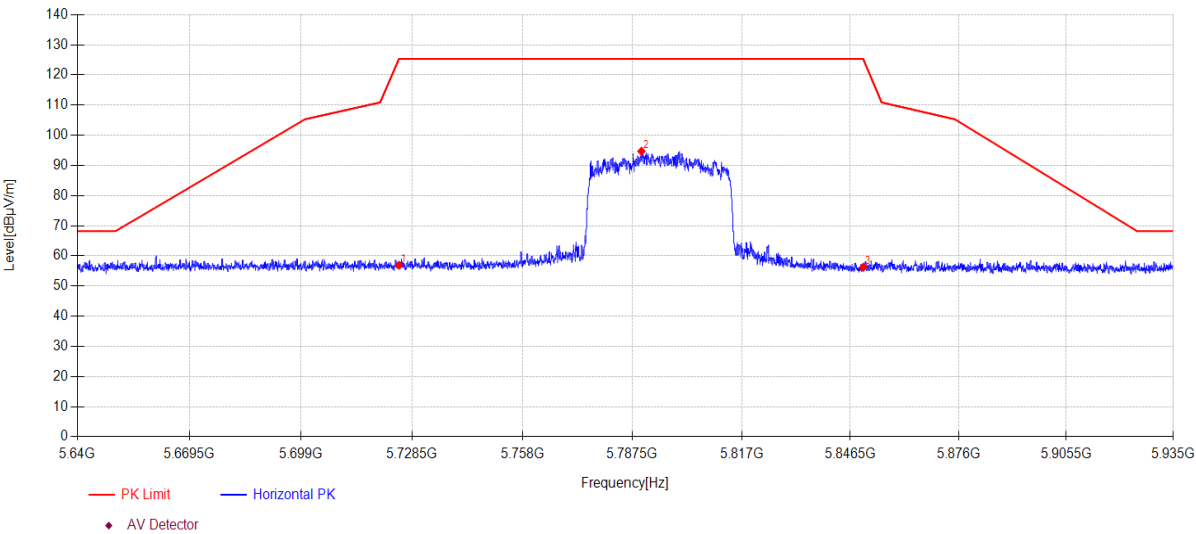
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\73

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.28	33.75	5.87	0.00	56.90	125.30	68.40	PK	Horizontal
2	5789.949	54.66	34.14	5.90	0.00	94.70	125.30	30.60	PK	Horizontal
3	5850.000	16.28	34.00	5.94	0.00	56.22	125.27	69.05	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:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX40 TX 5795MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

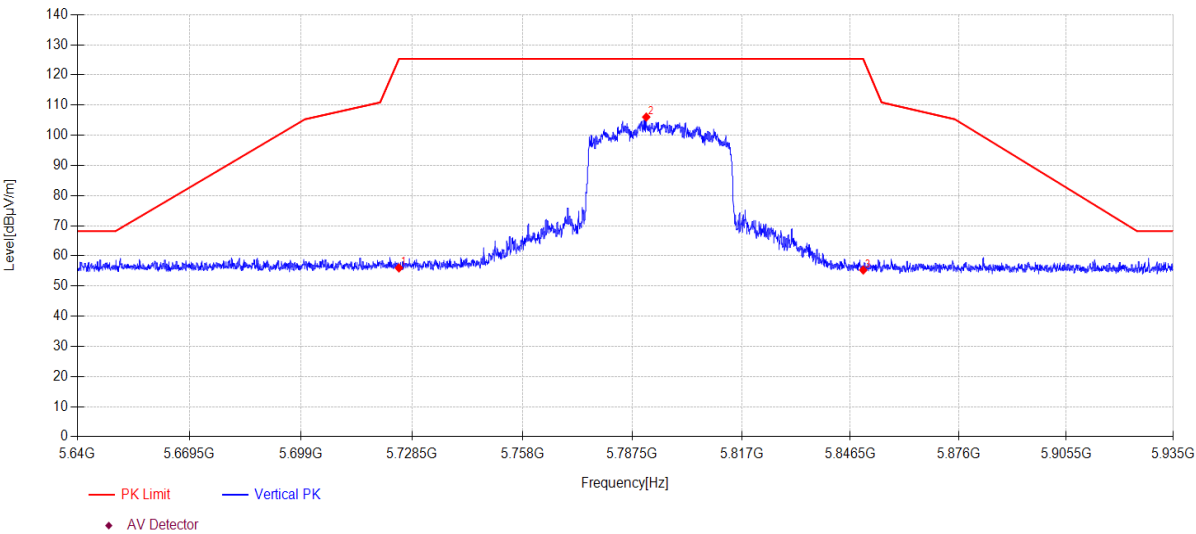
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\74

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	16.38	33.75	5.87	0.00	56.00	125.30	69.30	PK	Vertical
2	5791.247	65.99	34.15	5.91	0.00	106.05	125.30	19.25	PK	Vertical
3	5850.000	15.37	34.00	5.94	0.00	55.31	125.27	69.96	PK	Vertical

Note:

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

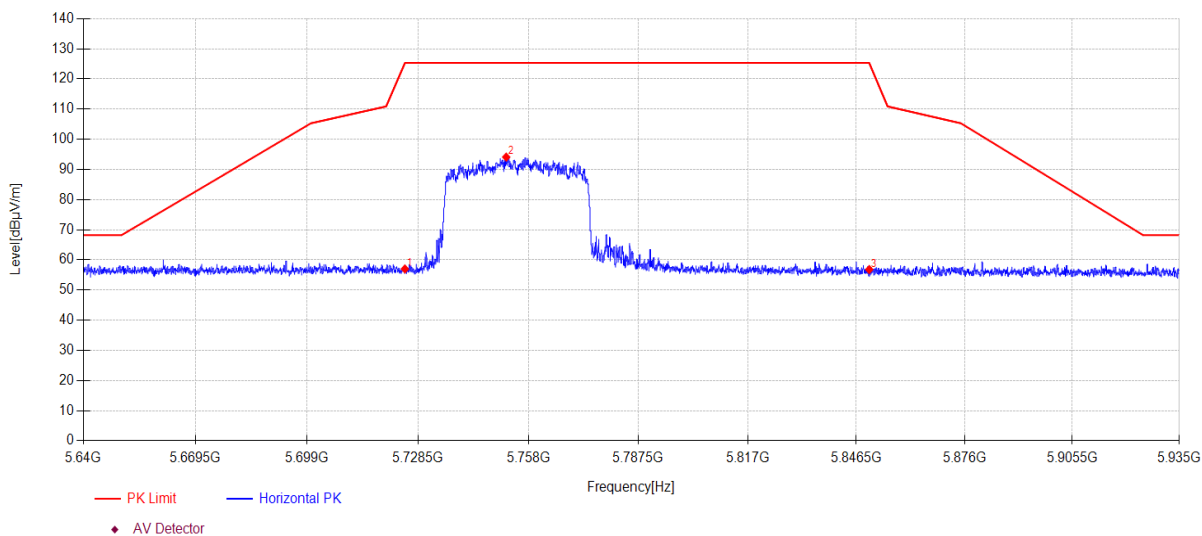
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-04-25 **Tested By:** Junchang Du
EUT: Wireless Access Point **Model Number:** RG-RAP73Pro
Test Mode: 11BE40 TX 5755MHz 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 5.8G\75
Memo: Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.37	33.75	5.87	0.00	56.99	125.30	68.31	PK	Horizontal
2	5752.041	54.29	33.91	5.89	0.00	94.09	125.30	31.21	PK	Horizontal
3	5850.000	16.87	34.00	5.94	0.00	56.81	125.27	68.46	PK	Horizontal

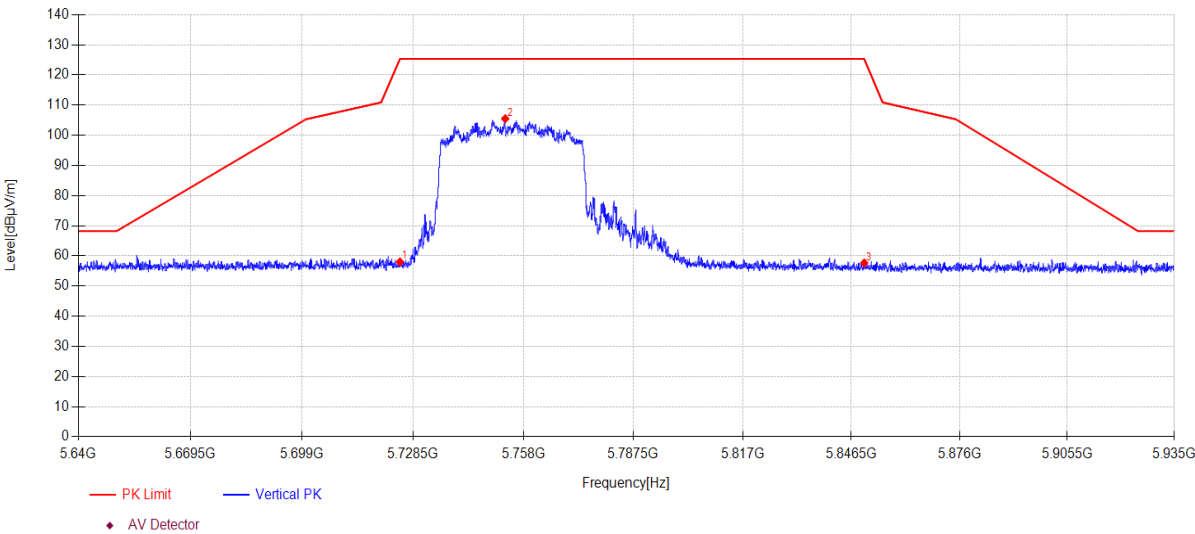
Note:

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: 2024-04-25 Tested By: Junchang Du
EUT: Wireless Access Point Model Number: RG-RAP73Pro
Test Mode: 11BE40 TX 5755MHz 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 5.8G\76
Memo: Sample Number:S24032709-002 Power Setting:9

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	5725.000	18.38	33.75	5.87	0.00	58.00	125.30	67.30	PK	Vertical
2	5753.103	65.69	33.92	5.89	0.00	105.50	125.30	19.80	PK	Vertical
3	5850.000	17.72	34.00	5.94	0.00	57.66	125.27	67.61	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:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40 TX 5795MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

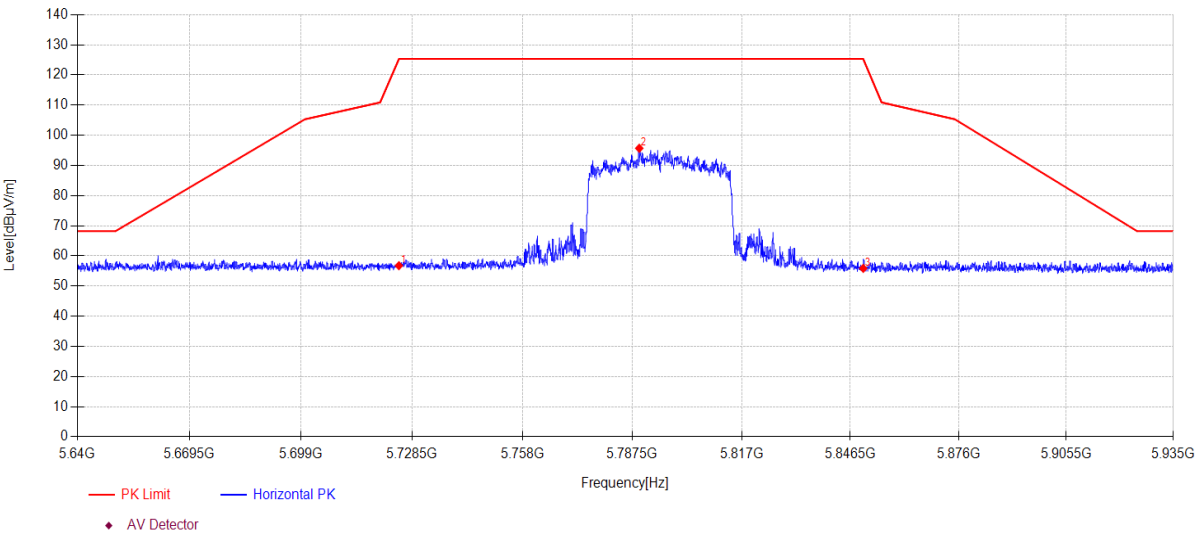
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\77

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.13	33.75	5.87	0.00	56.75	125.30	68.55	PK	Horizontal
2	5789.359	55.65	34.14	5.90	0.00	95.69	125.30	29.61	PK	Horizontal
3	5850.000	15.92	34.00	5.94	0.00	55.86	125.27	69.41	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:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40 TX 5795MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

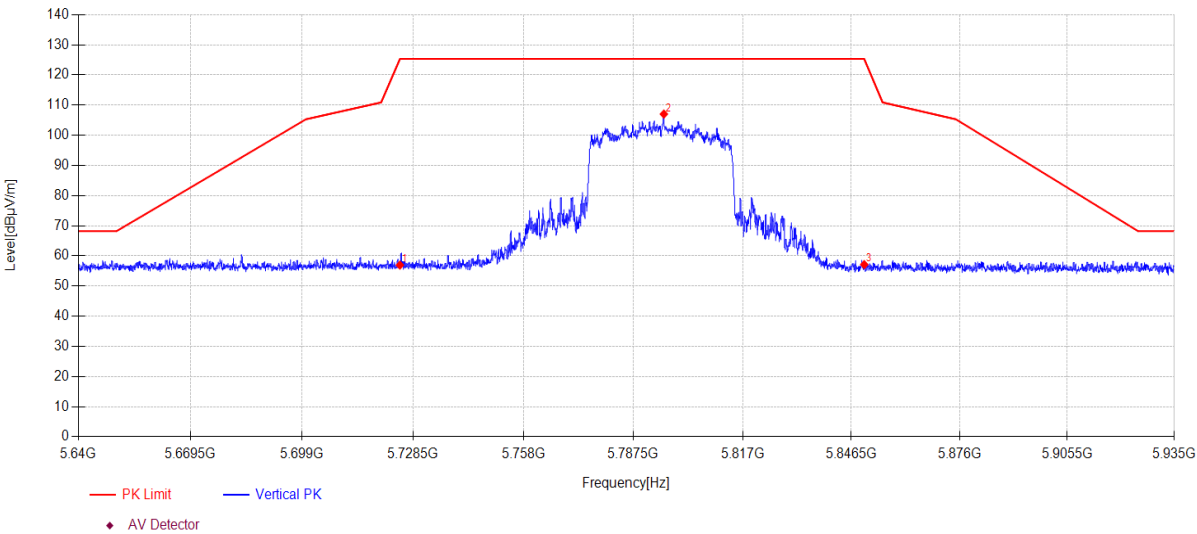
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\78

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.32	33.75	5.87	0.00	56.94	125.30	68.36	PK	Vertical
2	5795.731	66.95	34.17	5.91	0.00	107.03	125.30	18.27	PK	Vertical
3	5850.000	17.18	34.00	5.94	0.00	57.12	125.27	68.15	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:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC80 TX 5775MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

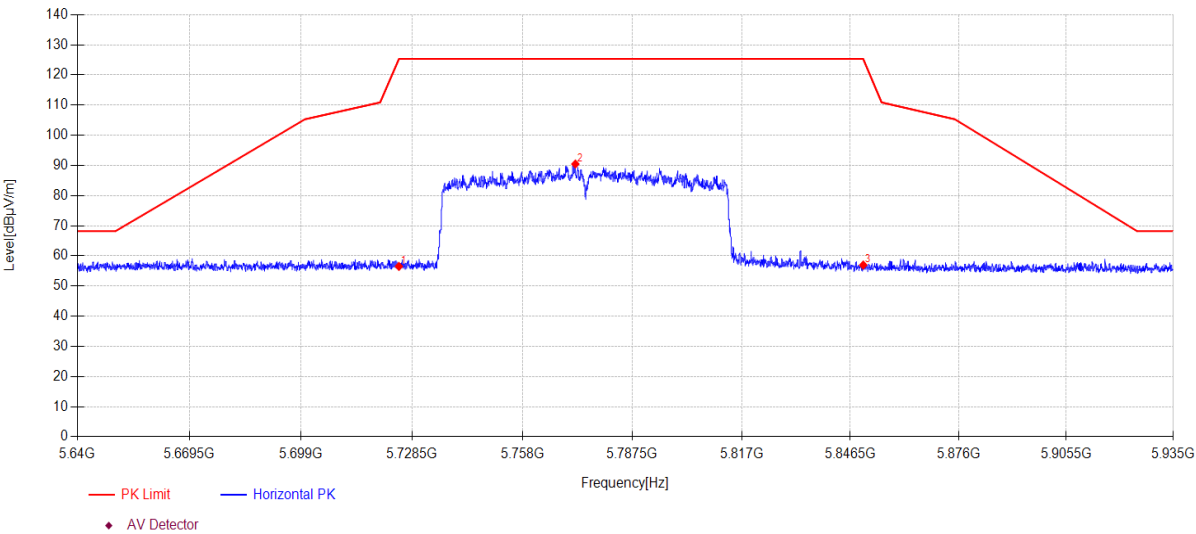
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\79

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	16.89	33.75	5.87	0.00	56.51	125.30	68.79	PK	Horizontal
2	5772.190	50.53	34.03	5.90	0.00	90.46	125.30	34.84	PK	Horizontal
3	5850.000	17.01	34.00	5.94	0.00	56.95	125.27	68.32	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-04-25

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11AC80 TX 5775MHz ANT1+2+3

Power Supply:AC 120V/60Hz

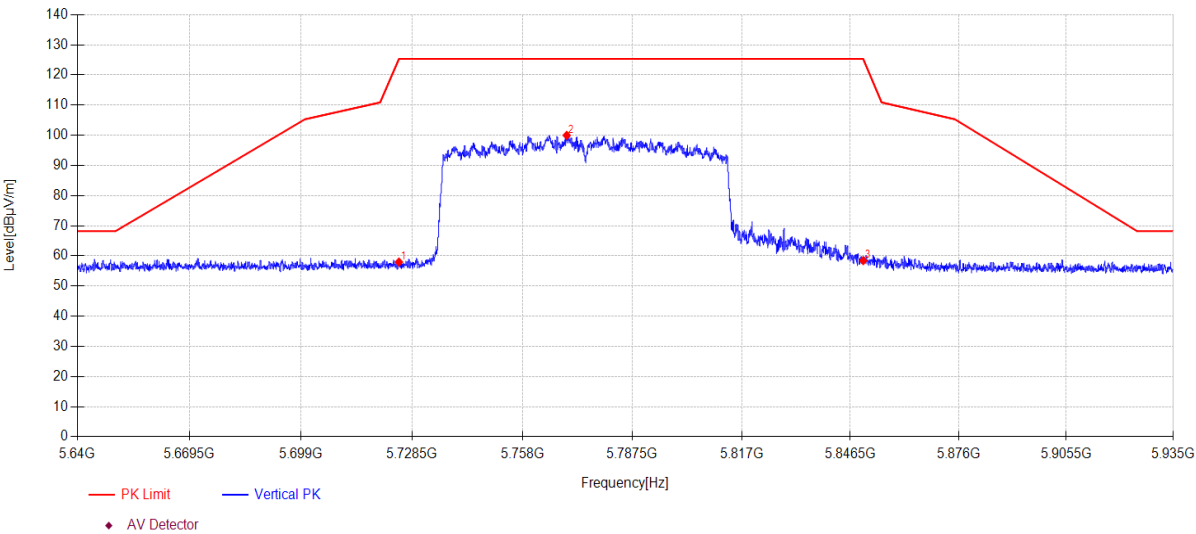
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\80

Memo:Sample Number:S24032709-002 Power Setting:9

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	5725.000	18.34	33.75	5.87	0.00	57.96	125.30	67.34	PK	Vertical
2	5769.859	60.06	34.02	5.89	0.00	99.97	125.30	25.33	PK	Vertical
3	5850.000	18.47	34.00	5.94	0.00	58.41	125.27	66.86	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX80 TX 5775MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

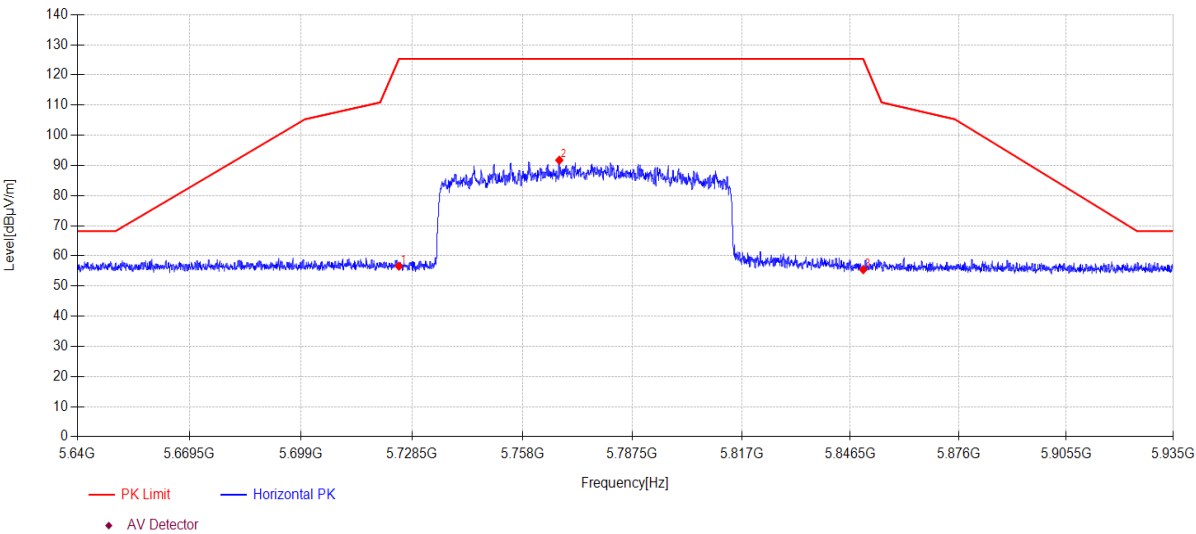
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\81

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	16.96	33.75	5.87	0.00	56.58	125.30	68.72	PK	Horizontal
2	5767.883	51.83	34.01	5.89	0.00	91.73	125.30	33.57	PK	Horizontal
3	5850.000	15.49	34.00	5.94	0.00	55.43	125.27	69.84	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:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX80 TX 5775MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

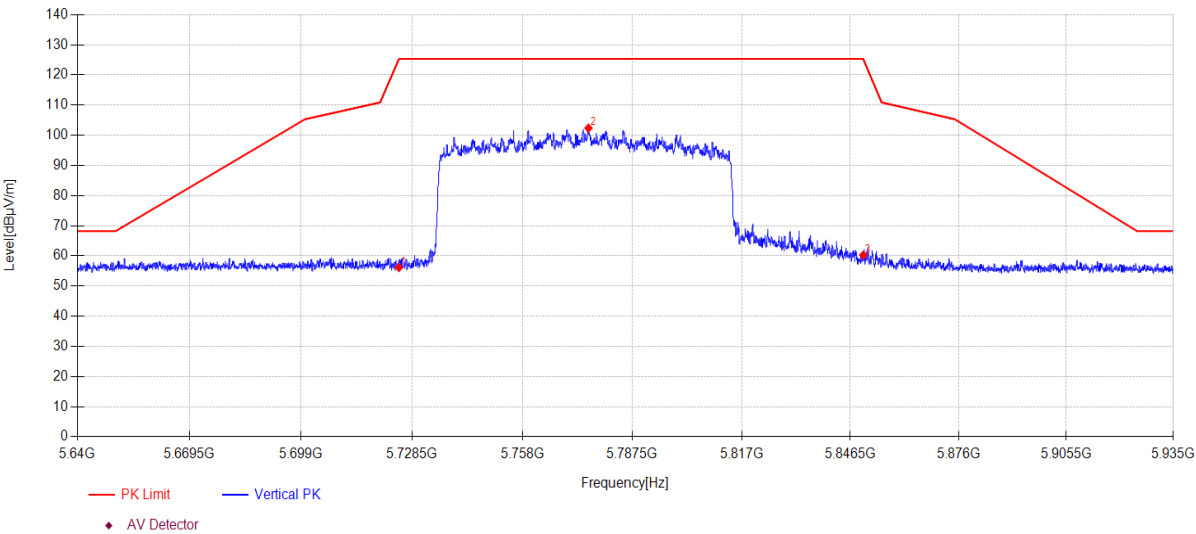
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\82

Memo:

Sample Number:S24032709-002 Power Setting:9

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	5725.000	16.51	33.75	5.87	0.00	56.13	125.30	69.17	PK	Vertical
2	5775.700	62.42	34.05	5.90	0.00	102.37	125.30	22.93	PK	Vertical
3	5850.000	20.28	34.00	5.94	0.00	60.22	125.27	65.05	PK	Vertical

Note:

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

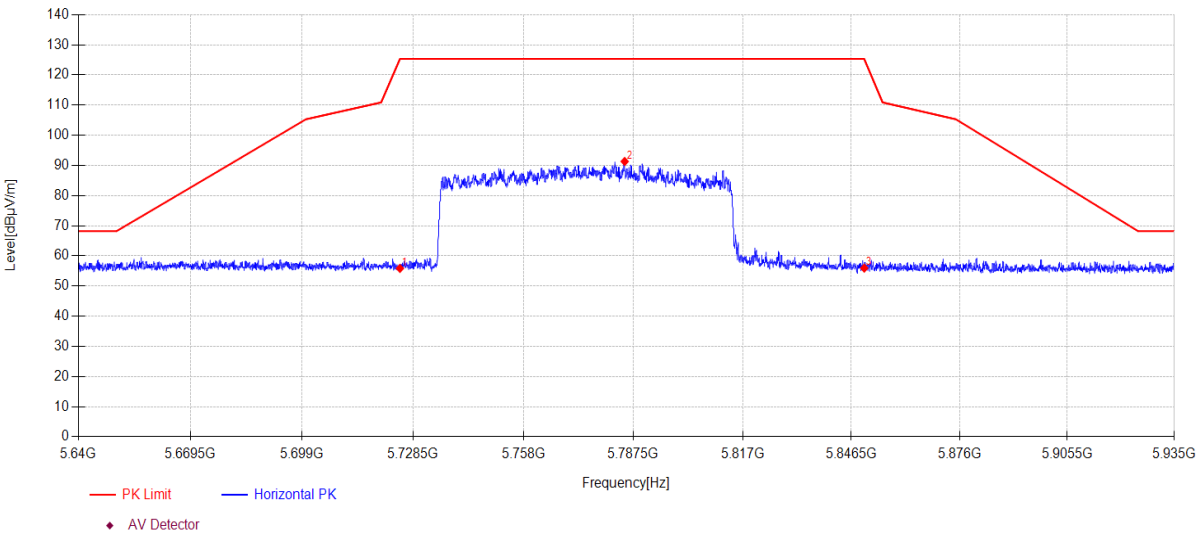
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-04-25 Tested By: Junchang Du
EUT: Wireless Access Point Model Number: RG-RAP73Pro
Test Mode: 11BE80 TX 5775MHz 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 5.8G\83
Memo: Sample Number:S24032709-002 Power Setting:9

Test Graph



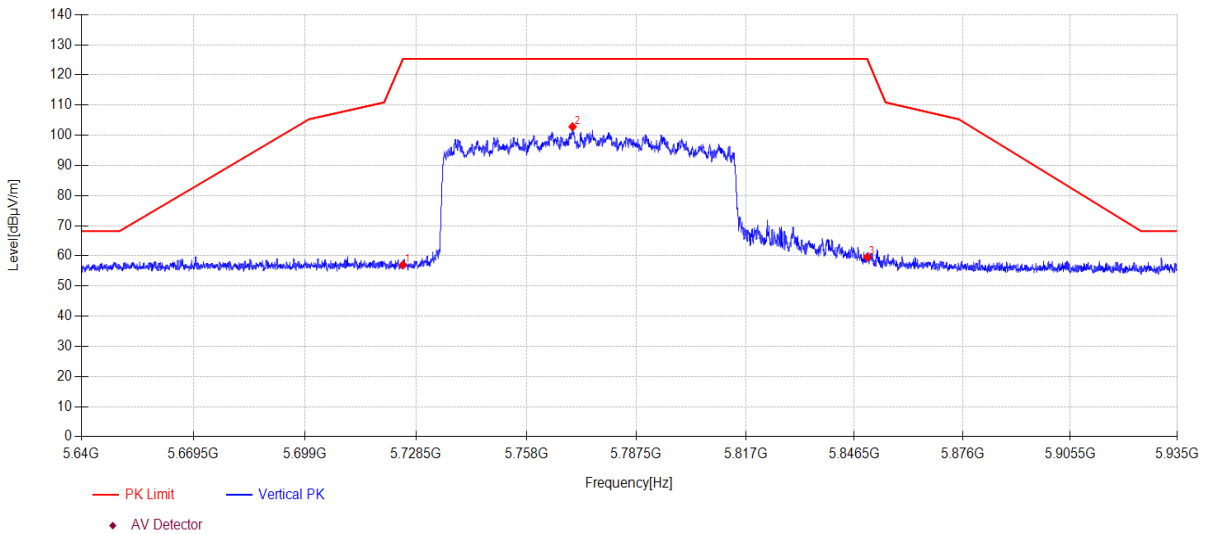
Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	16.22	33.75	5.87	0.00	55.84	125.30	69.46	PK	Horizontal
2	5785.170	51.31	34.11	5.90	0.00	91.32	125.30	33.98	PK	Horizontal
3	5850.000	16.00	34.00	5.94	0.00	55.94	125.27	69.33	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: 2024-04-25 **Tested By:** Junchang Du
EUT: Wireless Access Point **Model Number:** RG-RAP73Pro
Test Mode: 11BE80 TX 5775MHz 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 5.8G\84
Memo: Sample Number:S24032709-002 Power Setting:9

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	5725.000	17.37	33.75	5.87	0.00	56.99	125.30	68.31	PK	Vertical
2	5770.361	62.90	34.02	5.90	0.00	102.82	125.30	22.48	PK	Vertical
3	5850.000	19.62	34.00	5.94	0.00	59.56	125.27	65.71	PK	Vertical

Note:

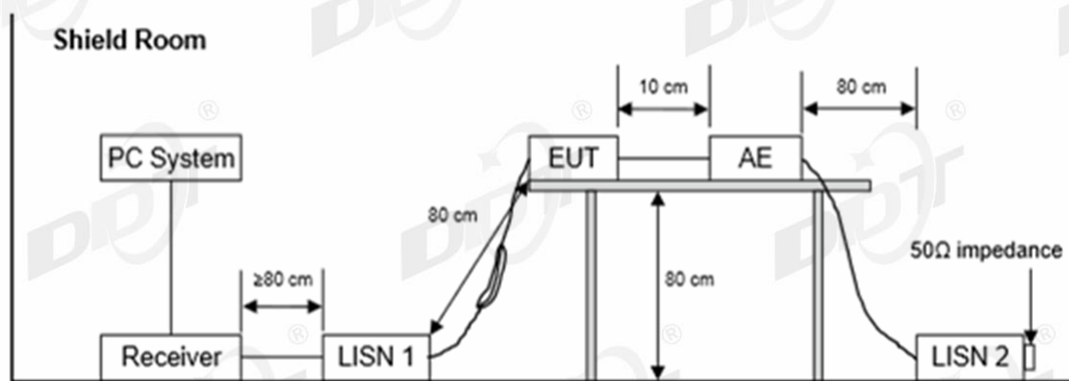
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13. Power Line Conducted Emissions

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Δ-shaped artificial power network	SCHWARZBEC K	PVDC 8301	DDT-ZC03939	2025/04/01
Two Line V-Network	R&S	ENV216	DDT-ZC02056	2024/07/11
Pulse Limiter	SCHWARZBEC K	VTSD 9561	DDT-ZC02128	2024/07/14
Two Line V-Network	R&S	ENV216	DDT-ZC02059	2024/07/11
Conducted Radiated Software	Audix	E3	DDT-ZC00562	/
Three-phase artificial power network	SCHWARZBEC K	NSLK 8163	DDT-ZC01572	2024/07/11
RF Cable	Yuhu Technology	Z806-NJ-NJ-6M	DDT-ZC02004	2024/07/14
EMI Test Receiver	R&S	ESCI/E3	DDT-ZC01297	2024/07/11

13.2. Block diagram of test setup



13.3. 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.

13.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
POE Power Supply	DONGGUAN SHILONG FUHUA ELECTRONIC CO.,LTD.	POE35-54A	INPUT:100-240V~ 50/60Hz OUTPUT:DC 54.0V/0.65A	/

13.5. 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.

13.6. Test result

PASS. (See below detailed test result)

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

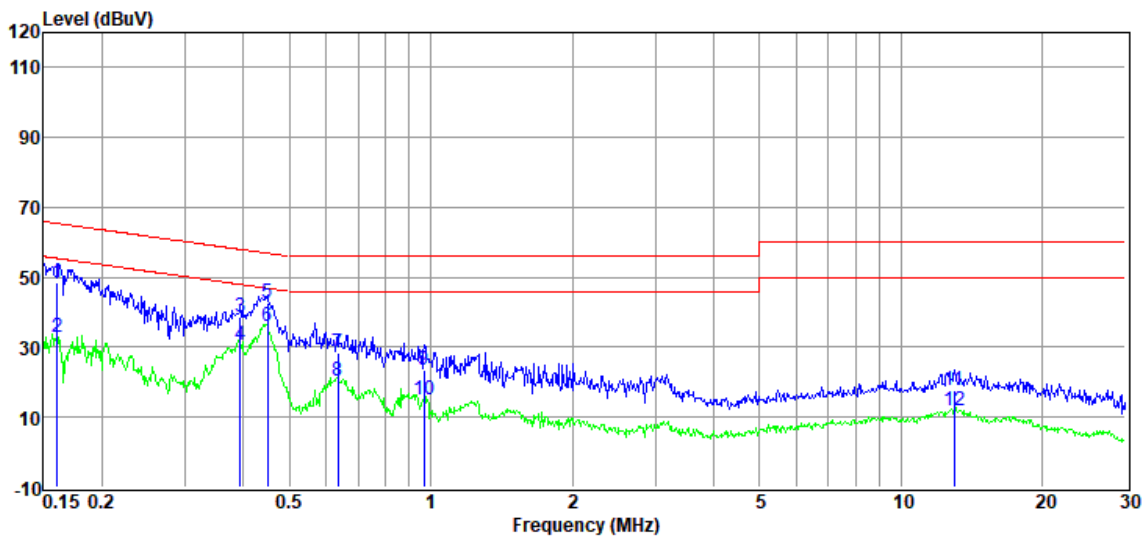
Note2: "----" means Peak detection; "----" means Average detection.

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

13.7. Test data

TR-4-E-010 Conducted Emission Test Result

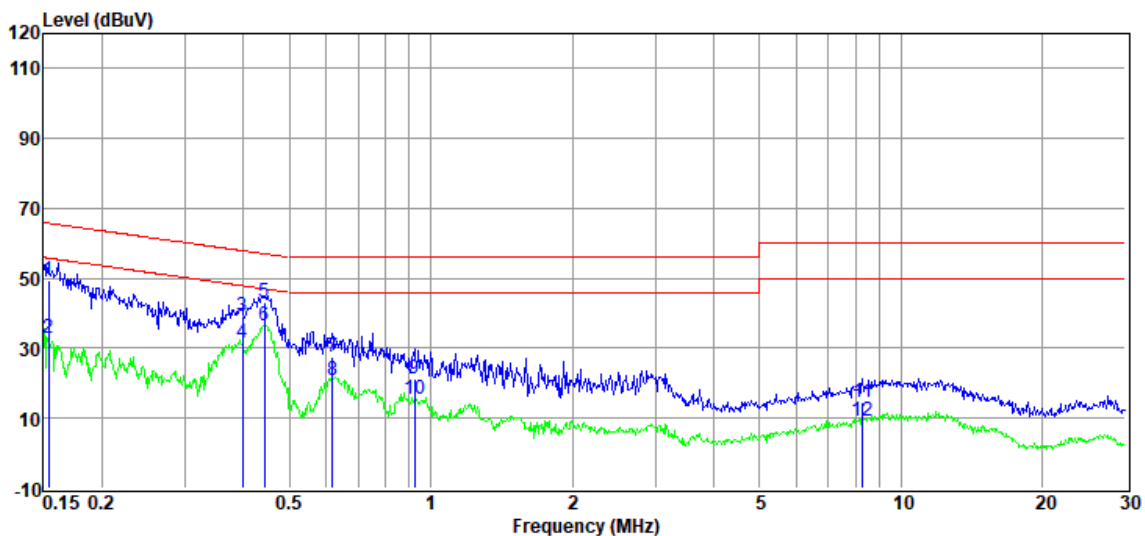
Test Site : DDT 6# Shield Room **D:\2024 Report Date\Q24032709-1E\0411 CE.EM6**
Test Date : 2024-04-11 **Tested By** : Antony Zeng
EUT : Wireless Access Point **Model Number** : RG-RAP73Pro
Power Supply : AC 120V/60Hz(Power By Adapter) **Test Mode** : 5G mode
Condition : Temp:21.5°C,Humi:55.8% **LISN** : 2023 ENV 216 3#/NEUTRAL
Memo : Sample Number:S24032709-002



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	28.72	9.78	0.11	9.94	48.55	65.43	-16.88	QP	NEUTRAL
2	0.16	13.03	9.78	0.11	9.94	32.86	55.43	-22.57	Average	NEUTRAL
3	0.39	18.52	9.98	0.13	9.95	38.58	57.99	-19.41	QP	NEUTRAL
4	0.39	10.64	9.98	0.13	9.95	30.70	47.99	-17.29	Average	NEUTRAL
5	0.45	22.76	9.89	0.13	9.96	42.74	56.89	-14.15	QP	NEUTRAL
6	0.45	16.08	9.89	0.13	9.96	36.06	46.89	-10.83	Average	NEUTRAL
7	0.63	8.49	9.76	0.14	9.96	28.35	56.00	-27.65	QP	NEUTRAL
8	0.63	0.40	9.76	0.14	9.96	20.26	46.00	-25.74	Average	NEUTRAL
9	0.97	3.45	9.82	0.24	9.97	23.48	56.00	-32.52	QP	NEUTRAL
10	0.97	-4.92	9.82	0.24	9.97	15.11	46.00	-30.89	Average	NEUTRAL
11	12.99	-2.70	9.84	0.30	10.06	17.50	60.00	-42.50	QP	NEUTRAL
12	12.99	-8.31	9.84	0.30	10.06	11.89	50.00	-38.11	Average	NEUTRAL

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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room**D:\2024 Report Date\Q24032709-1E\0411 CE.EM6****Test Date** : 2024-04-11**Tested By** : Antony Zeng**EUT** : Wireless Access Point**Model Number** : RG-RAP73Pro**Power Supply** : AC 120V/60Hz(Power By Adapter)**Test Mode** : 5G mode**Condition** : Temp:21.5°C,Humi:55.8%**LISN** : 2023 ENV 216 3#/LINE**Memo** : Sample Number:S24032709-002

Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	29.49	9.82	0.10	9.94	49.35	65.78	-16.43	QP	LINE
2	0.15	13.16	9.82	0.10	9.94	33.02	55.78	-22.76	Average	LINE
3	0.40	18.97	9.99	0.13	9.95	39.04	57.90	-18.86	QP	LINE
4	0.40	11.70	9.99	0.13	9.95	31.77	47.90	-16.13	Average	LINE
5	0.44	23.46	9.83	0.13	9.96	43.38	57.02	-13.64	QP	LINE
6	0.44	16.64	9.83	0.13	9.96	36.56	47.02	-10.46	Average	LINE
7	0.62	7.56	9.70	0.14	9.96	27.36	56.00	-28.64	QP	LINE
8	0.62	0.94	9.70	0.14	9.96	20.74	46.00	-25.26	Average	LINE
9	0.92	1.50	9.68	0.23	9.97	21.38	56.00	-34.62	QP	LINE
10	0.92	-4.55	9.68	0.23	9.97	15.33	46.00	-30.67	Average	LINE
11	8.28	-5.53	9.65	0.28	10.03	14.43	60.00	-45.57	QP	LINE
12	8.28	-10.58	9.65	0.28	10.03	9.38	50.00	-40.62	Average	LINE

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

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

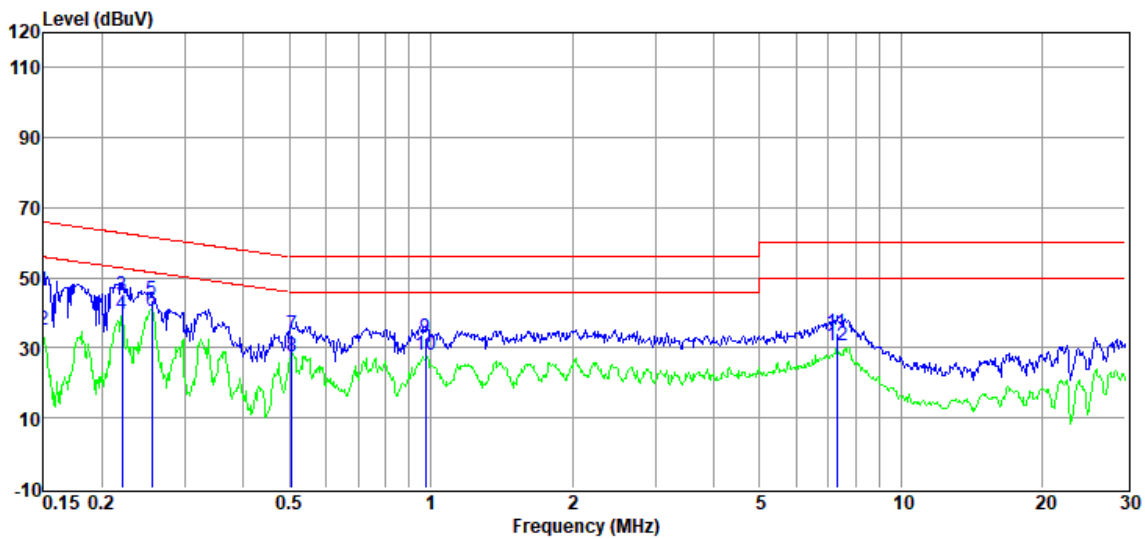
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).

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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room

D:\2024 Report Date\Q24032709-1E\0614 CE.EM6

Test Date : 2024-06-14**Tested By** : Antony Zeng**EUT** : Wireless Access Point**Model Number** : RG-RAP73Pro**Power Supply** : AC 120V/60Hz(Power by POE)**Test Mode** : 5G mode**Condition** : Temp:21.9°C,Humi:56.2%**LISN** : 2023 ENV 216 3#/LINE**Memo** : Sample Number:S24032709-002

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	26.23	9.90	0.10	9.94	46.17	66.00	-19.83	QP	LINE
2	0.15	15.25	9.90	0.10	9.94	35.19	56.00	-20.81	Average	LINE
3	0.22	25.26	9.79	0.11	9.94	45.10	62.79	-17.69	QP	LINE
4	0.22	19.93	9.79	0.11	9.94	39.77	52.79	-13.02	Average	LINE
5	0.25	23.96	9.71	0.12	9.95	43.74	61.60	-17.86	QP	LINE
6	0.25	20.50	9.71	0.12	9.95	40.28	51.60	-11.32	Average	LINE
7	0.51	14.09	9.62	0.13	9.96	33.80	56.00	-22.20	QP	LINE
8	0.51	7.88	9.62	0.13	9.96	27.59	46.00	-18.41	Average	LINE
9	0.97	12.94	9.69	0.24	9.97	32.84	56.00	-23.16	QP	LINE
10	0.97	7.93	9.69	0.24	9.97	27.83	46.00	-18.17	Average	LINE
11	7.29	14.07	9.70	0.28	10.03	34.08	60.00	-25.92	QP	LINE
12	7.29	10.43	9.70	0.28	10.03	30.44	50.00	-19.56	Average	LINE

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

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

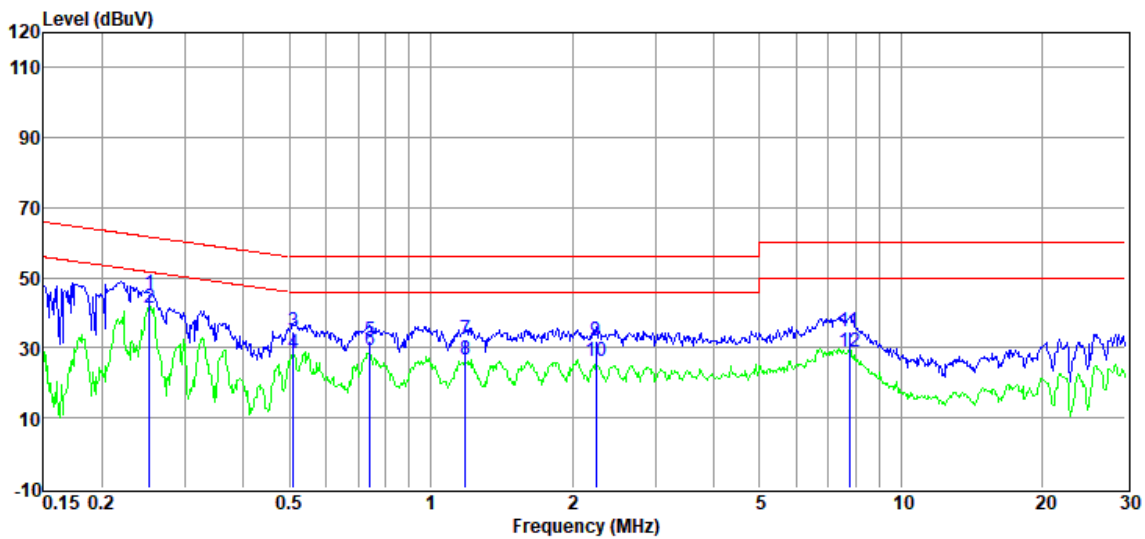
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).

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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room

D:\2024 Report Date\Q24032709-1E\0614 CE.EM6

Test Date : 2024-06-14**Tested By** : Antony Zeng**EUT** : Wireless Access Point**Model Number** : RG-RAP73Pro**Power Supply** : AC 120V/60Hz(Power by POE)**Test Mode** : 5G mode**Condition** : Temp:21.9°C,Humi:56.2%**LISN** : 2023 ENV 216 3#/NEUTRAL**Memo** : Sample Number:S24032709-002

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	0.25	25.63	9.81	0.12	9.95	45.51	61.69	-16.18	QP	NEUTRAL
2	0.25	21.65	9.81	0.12	9.95	41.53	51.69	-10.16	Average	NEUTRAL
3	0.51	14.62	9.80	0.13	9.96	34.51	56.00	-21.49	QP	NEUTRAL
4	0.51	8.70	9.80	0.13	9.96	28.59	46.00	-17.41	Average	NEUTRAL
5	0.74	12.21	9.85	0.16	9.96	32.18	56.00	-23.82	QP	NEUTRAL
6	0.74	9.25	9.85	0.16	9.96	29.22	46.00	-16.78	Average	NEUTRAL
7	1.18	12.78	9.51	0.25	9.98	32.52	56.00	-23.48	QP	NEUTRAL
8	1.18	6.72	9.51	0.25	9.98	26.46	46.00	-19.54	Average	NEUTRAL
9	2.25	11.76	9.80	0.26	9.99	31.81	56.00	-24.19	QP	NEUTRAL
10	2.25	5.95	9.80	0.26	9.99	26.00	46.00	-20.00	Average	NEUTRAL
11	7.77	14.50	9.76	0.28	10.03	34.57	60.00	-25.43	QP	NEUTRAL
12	7.77	8.86	9.76	0.28	10.03	28.93	50.00	-21.07	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.

15. PHOTOS OF THE EUT

Please refer to DDT-Q24032709-2E appendix I

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