

11.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-08

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

TX mode 5G WIFI

Power Supply:

AC 120V/60Hz
(Power By Adapter)

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

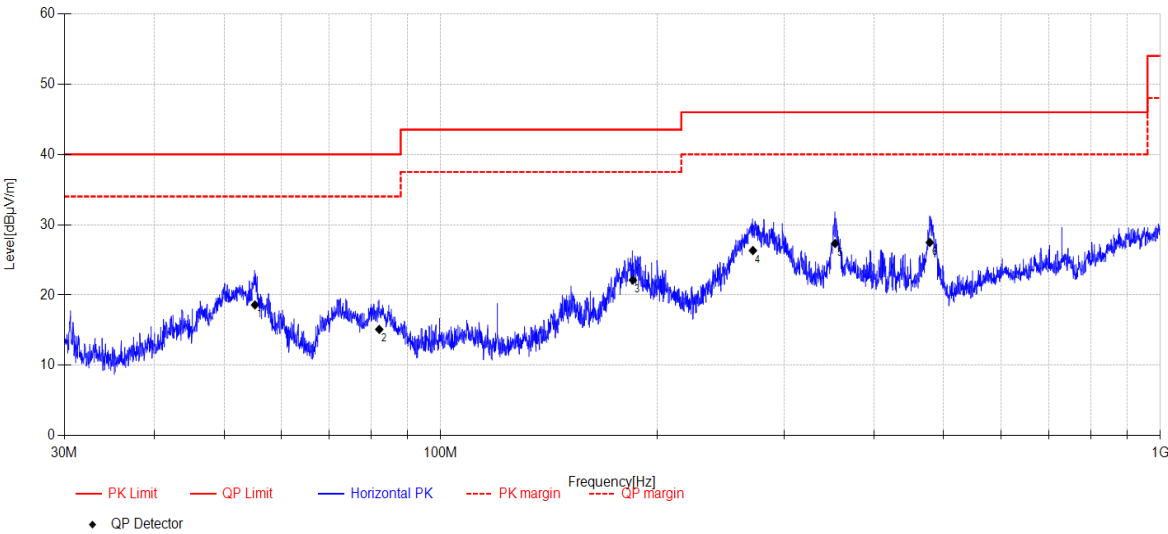
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24032709-1E\FCC BELOW 1G\20240408-090413_H

Memo:

Sample Number:S24032709-002 Power Setting:16



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	55.214	31.91	12.61	4.75	-30.67	18.60	40.00	21.40	QP	Horizontal
2	82.169	31.76	9.05	4.85	-30.54	15.12	40.00	24.88	QP	Horizontal
3	184.941	37.29	9.88	5.61	-30.65	22.13	43.50	21.37	QP	Horizontal
4	271.586	38.19	12.50	6.03	-30.39	26.33	46.00	19.67	QP	Horizontal
5	353.264	35.93	15.15	6.44	-30.19	27.33	46.00	18.67	QP	Horizontal
6	478.245	34.11	16.43	6.88	-29.94	27.48	46.00	18.52	QP	Horizontal

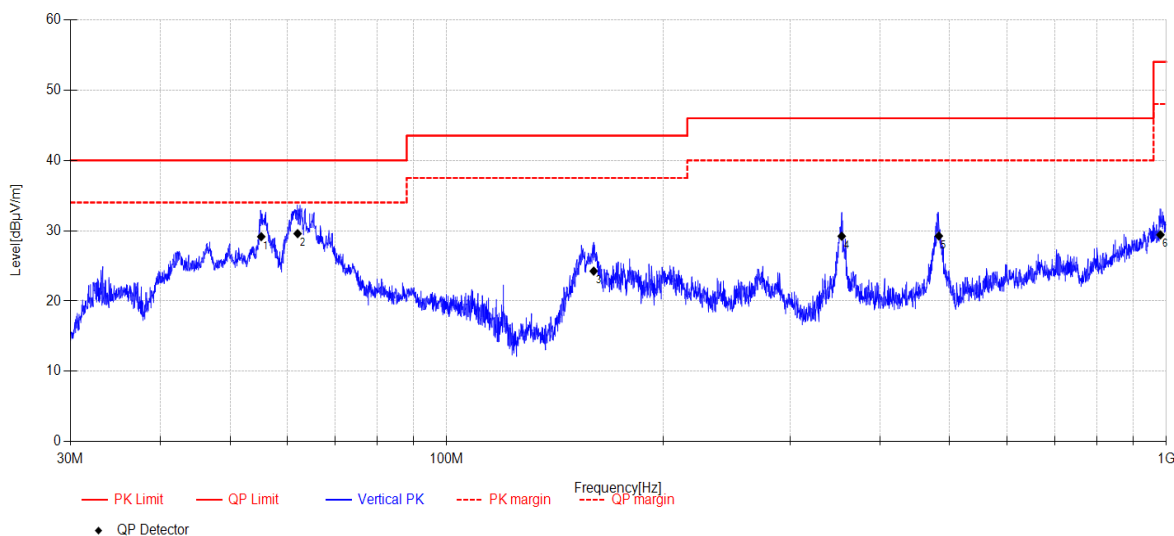
Note:

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

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

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-04-08**Tested By:** Junchang Du**EUT:** Wireless Access Point**Model Number:** RG-RAP73Pro**Test Mode:** TX mode 5G WIFI**Power Supply:** AC 120V/60Hz
(Power By Adapter)**Condition:** Temp:23.4°C;Humi:62.3%**Test Site:** DDT 3# Chamber**File Path:** d:\ts\2024 report data\Q24032709-1E\FCC BELOW 1G\20240408-090458_V**Memo:** Sample Number:S24032709-002 Power Setting:16

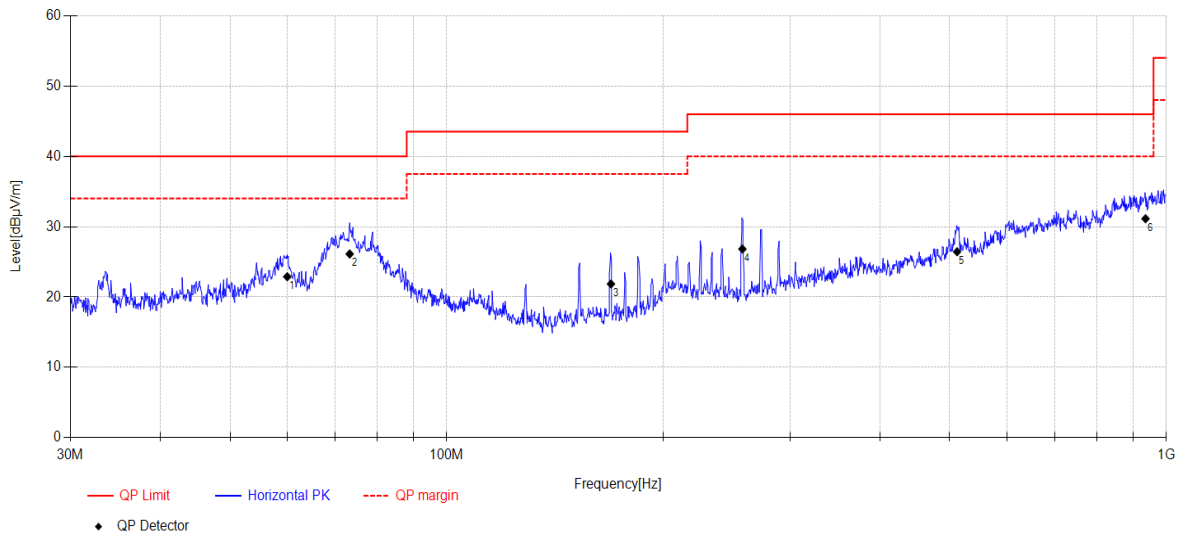
Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	55.253	42.46	12.60	4.75	-30.66	29.15	40.00	10.85	QP	Vertical
2	62.073	42.67	12.77	4.77	-30.62	29.59	40.00	10.41	QP	Vertical
3	160.067	40.68	8.90	5.40	-30.72	24.26	43.50	19.24	QP	Vertical
4	354.008	37.66	15.30	6.45	-30.19	29.22	46.00	16.78	QP	Vertical
5	482.963	35.79	16.50	6.89	-29.93	29.25	46.00	16.75	QP	Vertical
6	981.246	27.02	22.05	8.62	-28.27	29.42	54.00	24.58	QP	Vertical

Note:

- Result Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
- Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-06-14 **Tested By:** Junchang Du
EUT: Wireless Access Point **Model Number:** RG-RAP73Pro
Test Mode: TX mode 5G WIFI **Power Supply:** AC 120V/60Hz(Power by POE)
Condition: Temp:23.4°C;Humi:62.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24032709-1E\FCC BELOW 1G\20240614-150104_H
Memo: Sample Number:S24032709-002 Power Setting:16 (POE power supply)



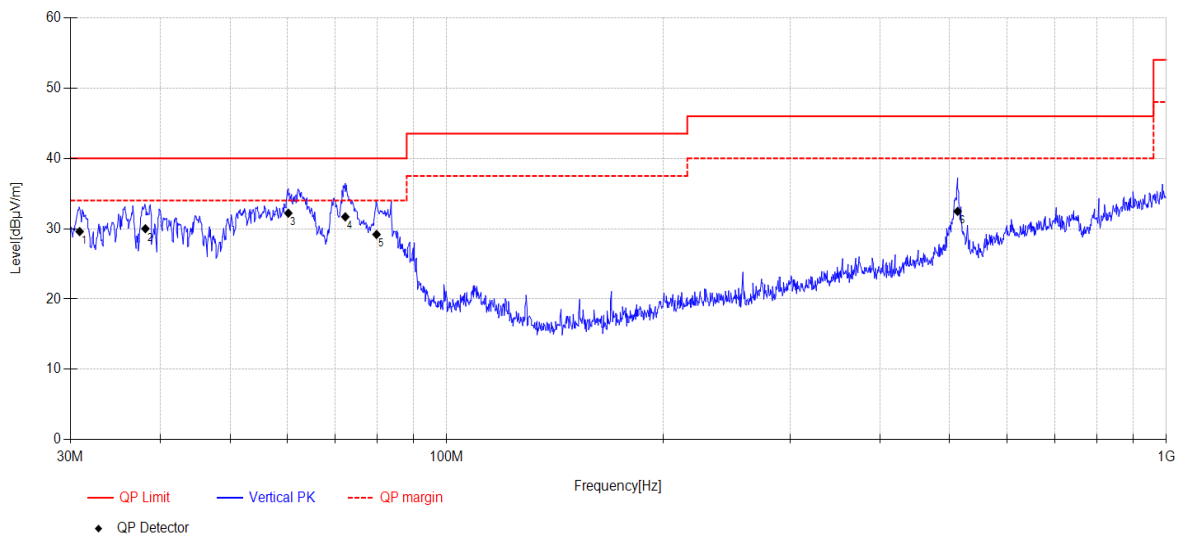
Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	60.048	6.15	12.78	3.96	0.00	22.89	40.00	17.11	QP	Horizontal
2	73.327	12.98	9.10	4.04	0.00	26.12	40.00	13.88	QP	Horizontal
3	169.156	8.16	9.12	4.59	0.00	21.87	43.50	21.63	QP	Horizontal
4	257.597	10.17	11.64	5.02	0.00	26.83	46.00	19.17	QP	Horizontal
5	512.007	4.39	16.02	6.04	0.00	26.45	46.00	19.55	QP	Horizontal
6	935.577	1.88	21.97	7.29	0.00	31.14	46.00	14.86	QP	Horizontal

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-06-14 **Tested By:** Junchang Du
EUT: Wireless Access Point **Model Number:** RG-RAP73Pro
Test Mode: TX mode 5G WIFI **Power Supply:** AC 120V/60Hz(Power by POE)
Condition: Temp:23.4°C;Humi:62.3% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24032709-1E\FCC BELOW 1G\20240614-150153_V
Memo: Sample Number:S24032709-002 Power Setting:16 (POE power supply)



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	30.907	15.44	10.39	3.77	0.00	29.60	40.00	10.40	QP	Vertical
2	38.140	14.78	11.41	3.81	0.00	30.00	40.00	10.00	QP	Vertical
3	60.259	15.55	12.70	3.96	0.00	32.21	40.00	7.79	QP	Vertical
4	72.306	18.17	9.48	4.04	0.00	31.69	40.00	8.31	QP	Vertical
5	79.901	16.44	8.66	4.09	0.00	29.19	40.00	10.81	QP	Vertical
6	512.905	10.26	16.16	6.05	0.00	32.47	46.00	13.53	QP	Vertical

Note:

- Result Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
- Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-08

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

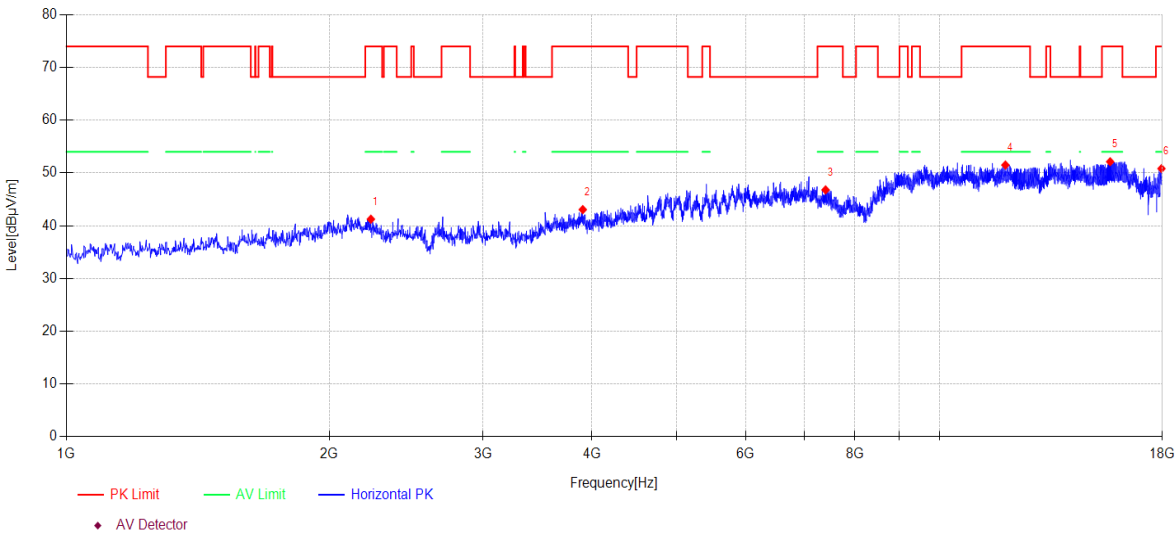
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Memo:

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	2232.500	45.40	27.48	6.03	-37.67	41.24	74.00	32.76	PK	Horizontal
2	3903.600	46.25	31.19	6.01	-40.39	43.06	74.00	30.94	PK	Horizontal
3	7405.600	42.91	36.69	8.90	-41.71	46.79	74.00	27.21	PK	Horizontal
4	11900.400	41.87	38.90	10.24	-39.51	51.50	74.00	22.50	PK	Horizontal
5	15686.300	38.30	38.51	14.49	-39.17	52.13	74.00	21.87	PK	Horizontal
6	17959.200	38.13	42.20	12.81	-42.31	50.83	74.00	23.17	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:

2024-04-08

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

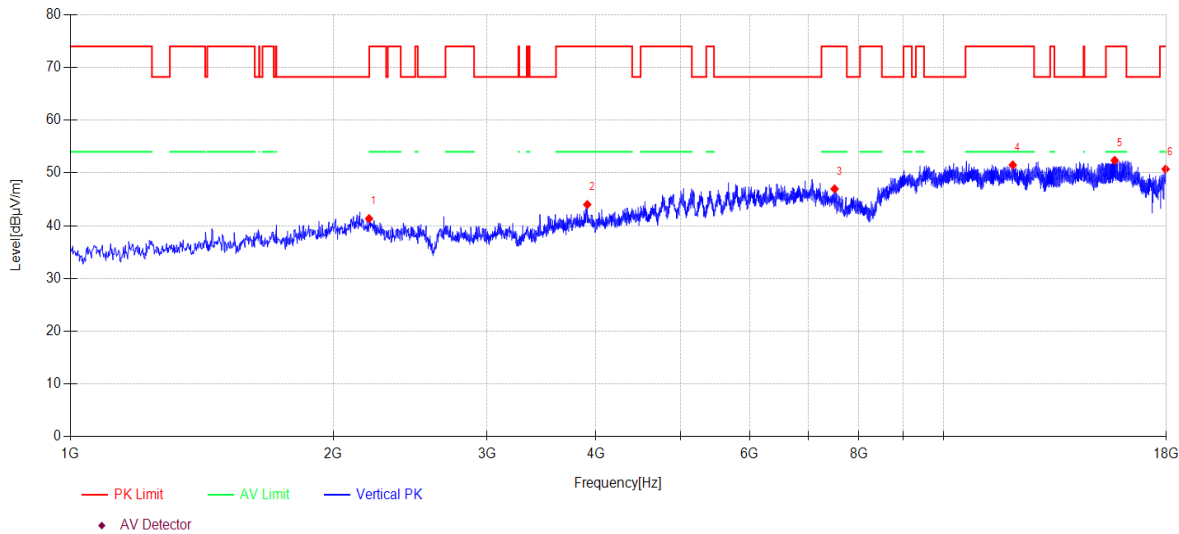
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Memo:

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	2198.500	45.06	27.79	6.06	-37.57	41.34	68.20	26.86	PK	Vertical
2	3908.700	47.21	31.18	6.01	-40.39	44.01	74.00	29.99	PK	Vertical
3	7504.200	43.57	36.49	8.88	-41.96	46.98	74.00	27.02	PK	Vertical
4	12005.800	41.55	39.21	10.32	-39.56	51.52	74.00	22.48	PK	Vertical
5	15706.700	38.48	38.49	14.59	-39.18	52.38	74.00	21.62	PK	Vertical
6	17964.300	38.01	42.22	12.82	-42.32	50.73	74.00	23.27	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:

2024-04-08

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5200MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

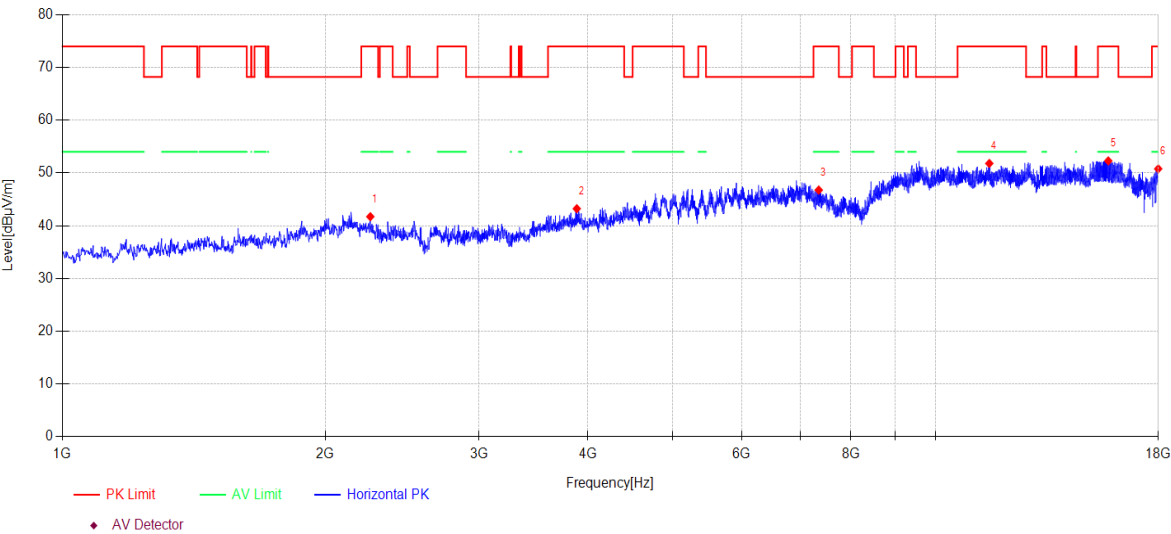
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Memo:

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	2252.900	46.17	27.27	6.01	-37.73	41.72	74.00	32.28	PK	Horizontal
2	3883.200	46.52	31.10	5.99	-40.38	43.23	74.00	30.77	PK	Horizontal
3	7351.200	42.64	36.80	8.90	-41.58	46.76	74.00	27.24	PK	Horizontal
4	11526.400	42.05	39.15	9.94	-39.34	51.80	74.00	22.20	PK	Horizontal
5	15774.700	38.								

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-08

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5200MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

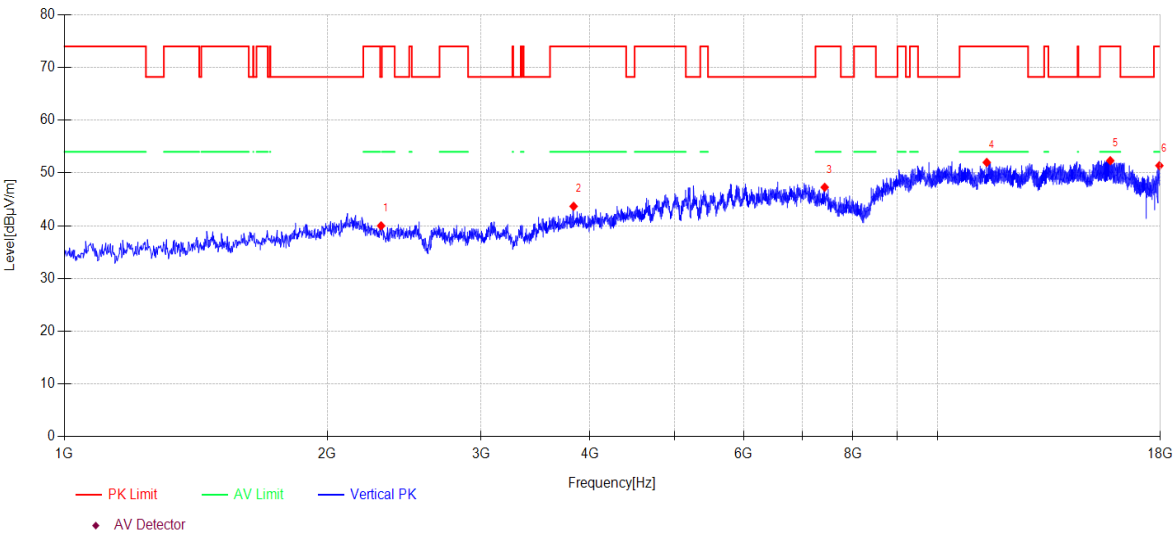
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\24

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	2305.600	45.06	26.83	5.96	-37.87	39.98	68.20	28.22	PK	Vertical
2	3830.500	47.25	30.82	5.96	-40.35	43.68	74.00	30.32	PK	Vertical
3	7427.700	43.53	36.64	8.89	-41.77	47.29	74.00	26.71	PK	Vertical
4	11388.700									

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-08

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5240MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

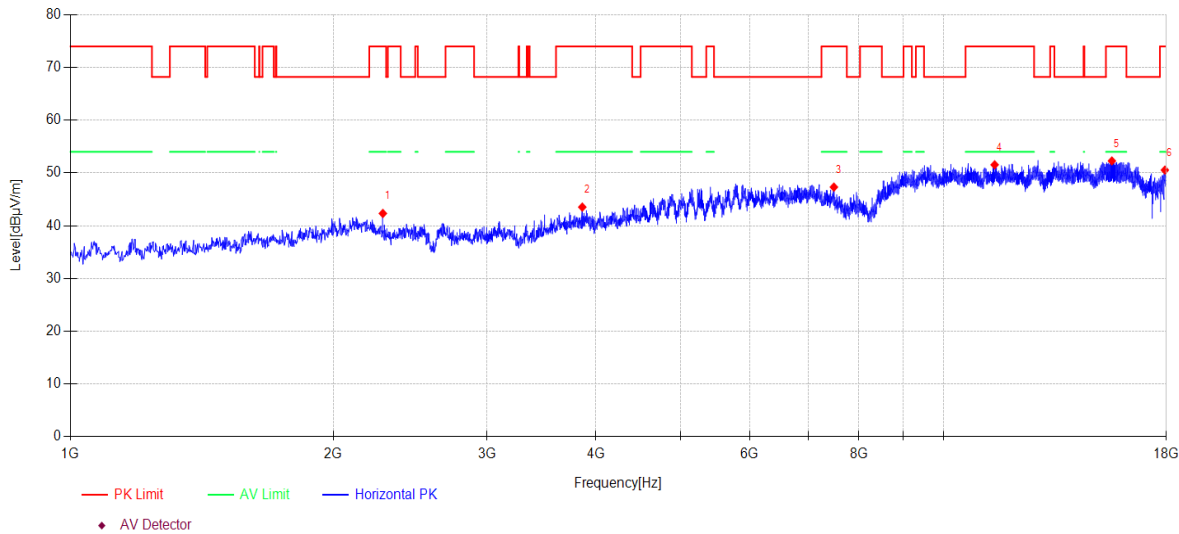
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Memo:

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	2280.100	47.15	27.00	5.98	-37.80	42.33	74.00	31.67	PK	Horizontal
2	3857.700	46.96	30.95	5.98	-40.36	43.53	74.00	30.47	PK	Horizontal
3	7490.600	43.85	36.52	8.88	-41.93	47.32	74.00	26.68	PK	Horizontal
4	11444.800	41.71	39.26	9.88	-39.30	51.55	74.00	22.45	PK	Horizontal
5	15592.800	38.77	38.61	14.02	-39.12	52.28	74.00	21.72	PK	Horizontal
6	17930.300	37.96	42.05	12.78	-42.24	50.55	74.00	23.45	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:

2024-04-08

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5240MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

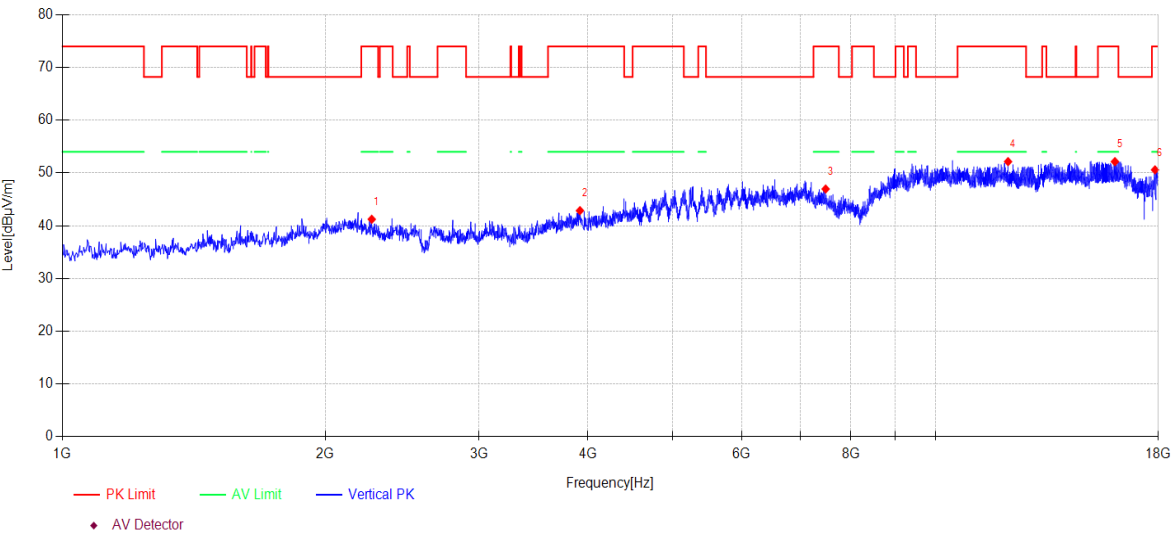
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Memo:

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	2261.400	45.78	27.19	6.00	-37.75	41.22	74.00	32.78	PK	Vertical
2	3915.500	46.07	31.17	6.02	-40.40	42.86	74.00	31.14	PK	Vertical
3	7485.500	43.46	36.53	8.88	-41.91	46.96	74.00	27.04	PK	Vertical
4	12111.200	42.12	39.30	10.33	-39.60	52.15	74.00	21.85	PK	Vertical
5	16051.800	37.75	37.95	15.85	-39.40	52.15	74.00	21.85	PK	Vertical
6	17843.600	38.66	41.28	12.70	-42.05	50.59	74.00	23.41	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:2024-04-08

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11AX20 TX 5260MHz ANT1+2+3

Power Supply:AC 120V/60Hz

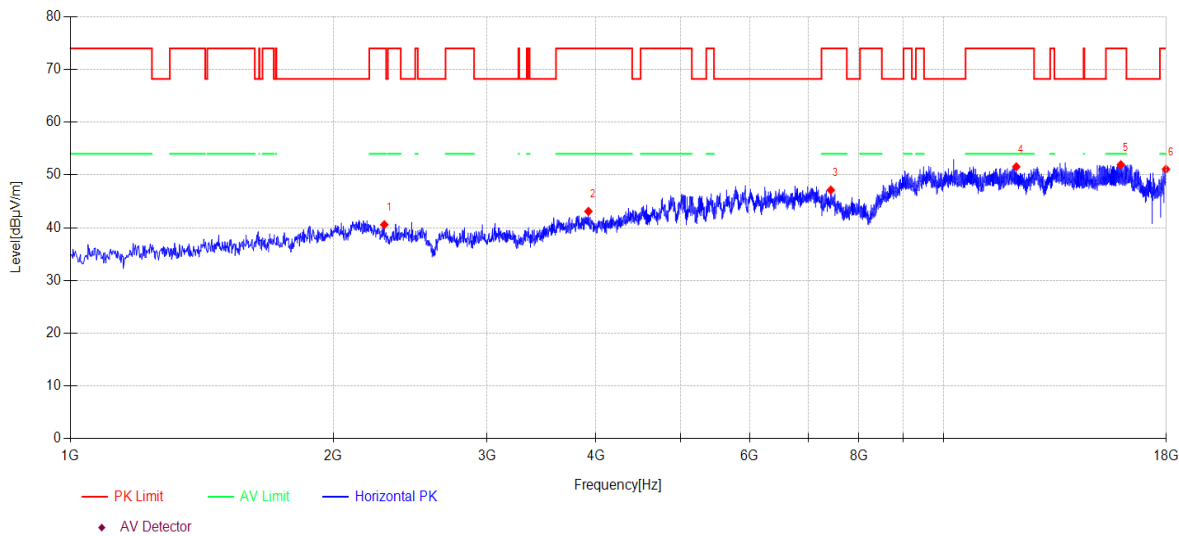
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\27

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	2288.600	45.52	26.91	5.98	-37.83	40.58	74.00	33.42	PK	Horizontal
2	3920.600	46.32	31.16	6.02	-40.40	43.10	74.00	30.90	PK	Horizontal
3	7429.400	43.37	36.64	8.89	-41.77	47.13	74.00	26.87	PK	Horizontal
4	12118.000	41.53	39.30	10.33	-39.61	51.55	74.00	22.45	PK	Horizontal
5	15965.100	37.36	38.03	15.89	-39.34	51.94	74.00	22.06	PK	Horizontal
6	17984.700	38.30	42.32	12.84	-42.37	51.09	74.00	22.91	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-04-08

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11AX20 TX 5260MHz ANT1+2+3

Power Supply:AC 120V/60Hz

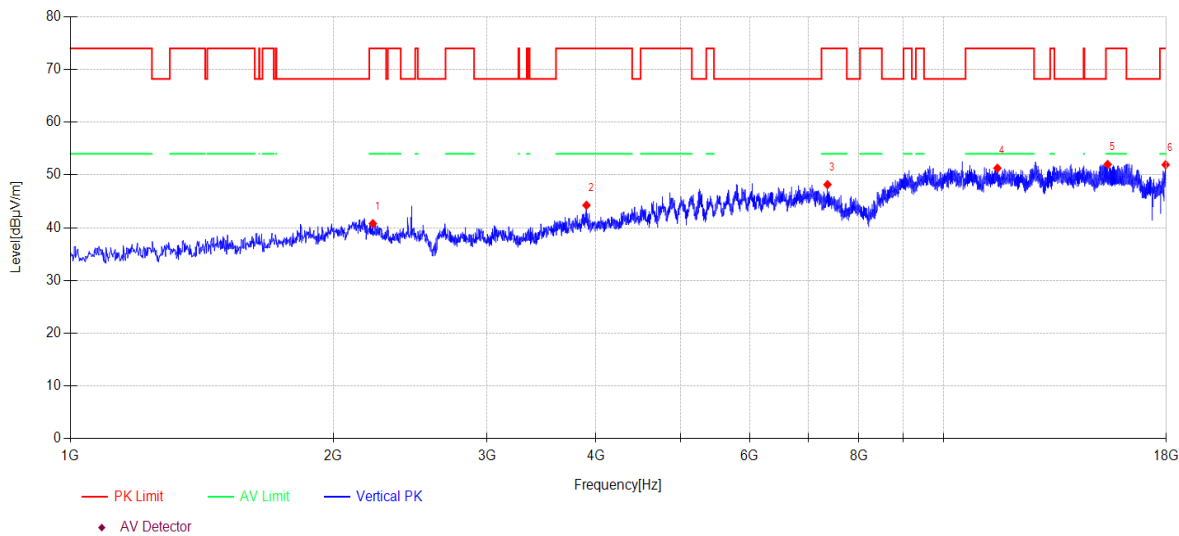
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\28

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	2220.600	44.78	27.59	6.04	-37.63	40.78	74.00	33.22	PK	Vertical
2	3900.200	47.44	31.20	6.01	-40.39	44.26	74.00	29.74	PK	Vertical
3	7364.800	44.11	36.77	8.90	-41.61	48.17	74.00	25.83	PK	Vertical
4	11529.800	41.54	39.14	9.94	-39.34	51.28	74.00	22.72	PK	Vertical
5	15419.400	38.91	38.96	13.14	-39.01	52.00	74.00	22.00	PK	Vertical
6	17966.000	39.21	42.23	12.82	-42.32	51.94	74.00	22.06	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:

2024-04-08

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5280MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

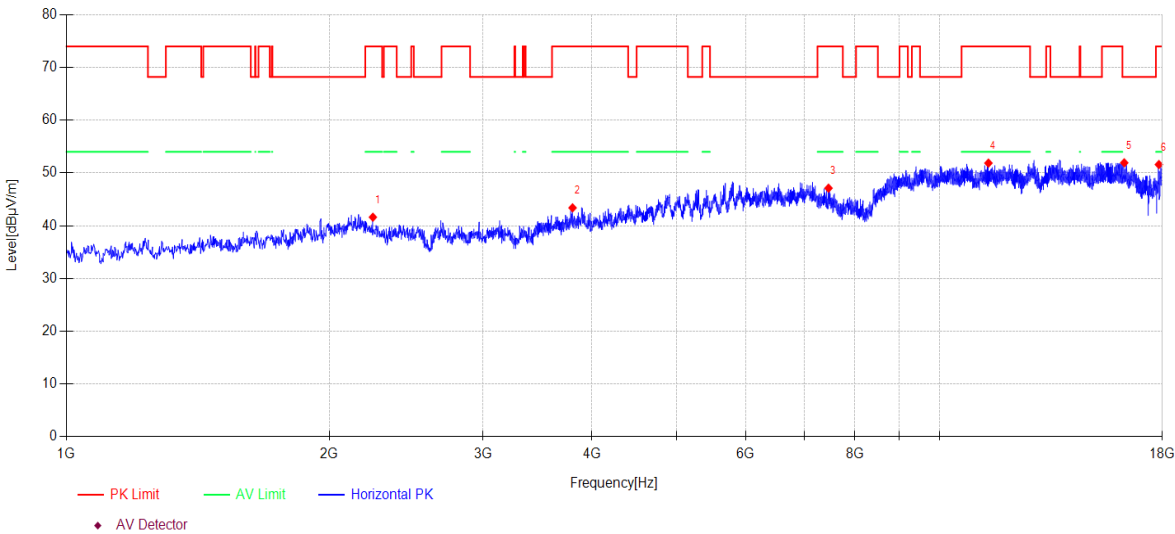
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Memo:

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	2244.400	45.95	27.36	6.01	-37.70	41.62	74.00	32.38	PK	Horizontal
2	3799.900	47.09	30.70	5.93	-40.33	43.39	74.00	30.61	PK	Horizontal
3	7463.400	43.52	36.57	8.89	-41.86	47.12	74.00	26.88	PK	Horizontal
4	11378.500	42.04	39.28	9.82	-39.27	51.87	74.00	22.13	PK	Horizontal
5	16279.600	38.82	37.80	14.90	-39.59	51.93	68.20	16.27	PK	Horizontal
6	17836.800	39.75	41.20	12.69	-42.04	51.60	74.00	22.40	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:

2024-04-08

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5280MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

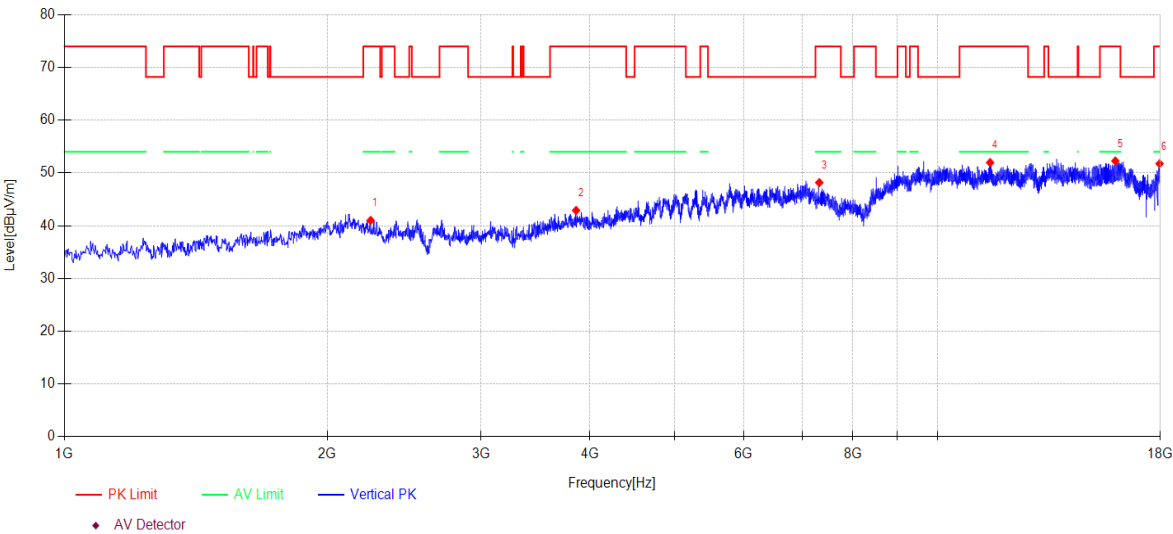
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Memo:

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	2242.700	45.32	27.37	6.02	-37.70	41.01	74.00	32.99	PK	Vertical
2	3856.000	46.35	30.94	5.97	-40.36	42.90	74.00	31.10	PK	Vertical
3	7322.300	43.92	36.86	8.91	-41.51	48.18	74.00	25.82	PK	Vertical
4	11490.700	42.17	39.21	9.91	-39.32	51.97	74.00	22.03	PK	Vertical
5	15985.500	37.61	38.01	16.00	-39.35	52.27	74.00	21.73	PK	Vertical
6	17966.000	39.03	42.23	12.82	-42.32	51.76	74.00	22.24	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:

2024-04-08

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

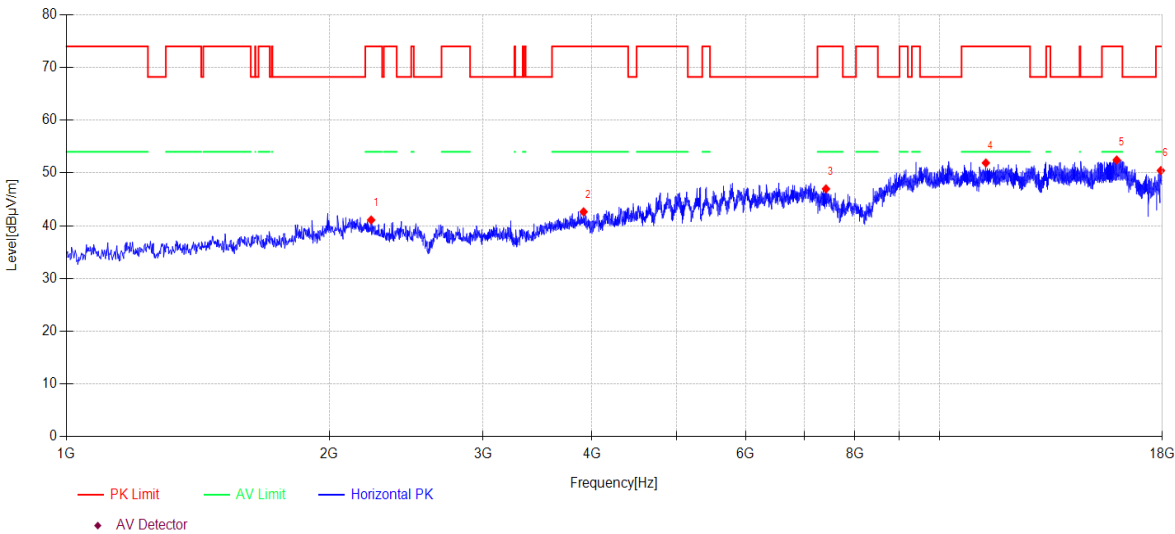
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Memo:

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	2234.200	45.27	27.46	6.02	-37.67	41.08	74.00	32.92	PK	Horizontal
2	3912.100	45.84	31.18	6.02	-40.40	42.64	74.00	31.36	PK	Horizontal
3	7414.100	43.17	36.67	8.89	-41.74	46.99	74.00	27.01	PK	Horizontal
4	11302.000	42.17	39.20	9.76	-39.23	51.90	74.00	22.10	PK	Horizontal
5	15960.000	37.89	38.04	15.87	-39.34	52.46	74.00	21.54	PK	Horizontal
6	17930.300	37.87	42.05	12.78	-42.24	50.46	74.00	23.54	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:

2024-04-08

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

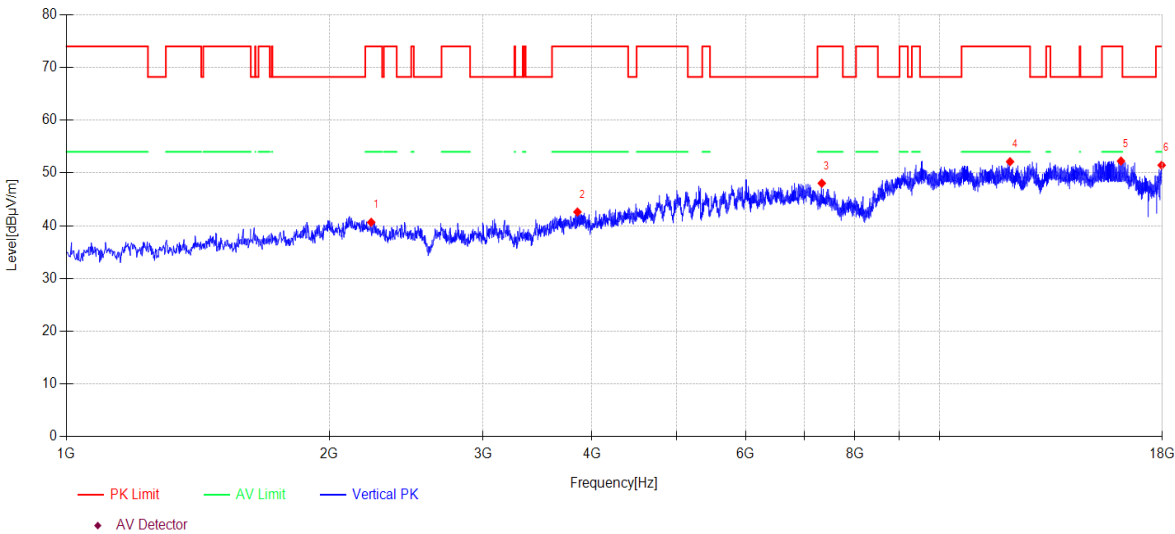
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Memo:

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	2234.200	44.84	27.46	6.02	-37.67	40.65	74.00	33.35	PK	Vertical
2	3849.200	46.09	30.90	5.97	-40.36	42.60	74.00	31.40	PK	Vertical
3	7332.500	43.83	36.84	8.91	-41.53	48.05	74.00	25.95	PK	Vertical
4	12046.600	42.15	39.25	10.32	-39.58	52.14	74.00	21.86	PK	Vertical
5	16138.500	38.37	37.86	15.49	-39.47	52.25	74.00	21.75	PK	Vertical
6	17969.400	38.73	42.25	12.82	-42.33	51.47	74.00	22.53	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-08

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5500MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

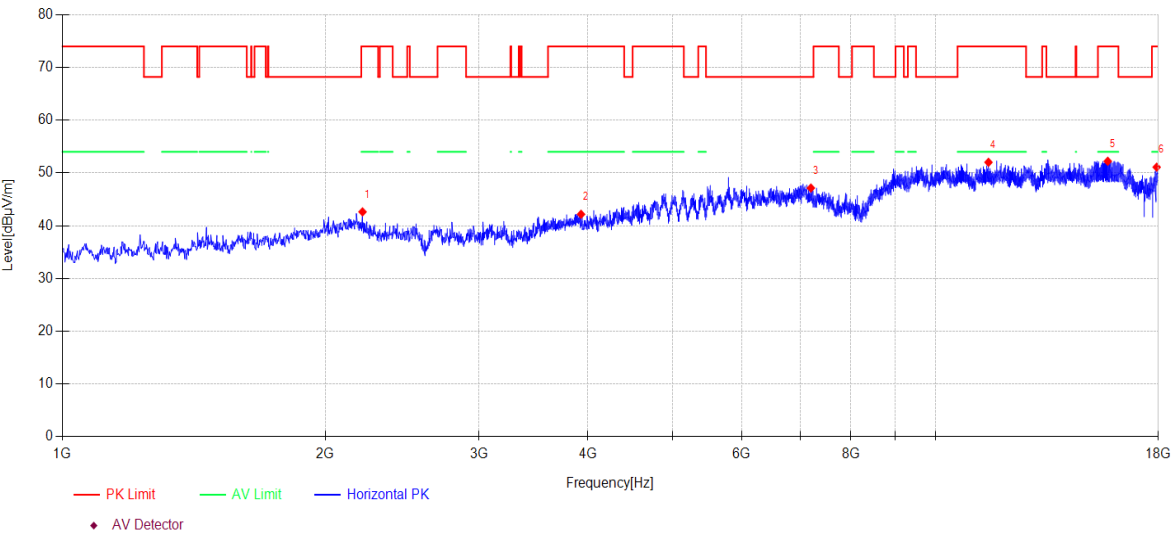
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Memo:

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	2207.000	46.45	27.73	6.05	-37.60	42.63	74.00	31.37	PK	Horizontal
2	3927.400	45.40	31.15	6.03	-40.41	42.17	74.00	31.83	PK	Horizontal
3	7199.900	42.62	36.80	8.93	-41.20	47.15	68.20	21.05	PK	Horizontal
4	11500.900	42.23	39.20	9.92	-39.33	52.02	74.00	21.98	PK	Horizontal
5	15750.900	38.22	38.40	14.81	-39.21	52.22	74.00	21.78	PK	Horizontal
6	17920.100	38.55	42.00	12.77	-42.22	51.10	74.00	22.90	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:

2024-04-08

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5500MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

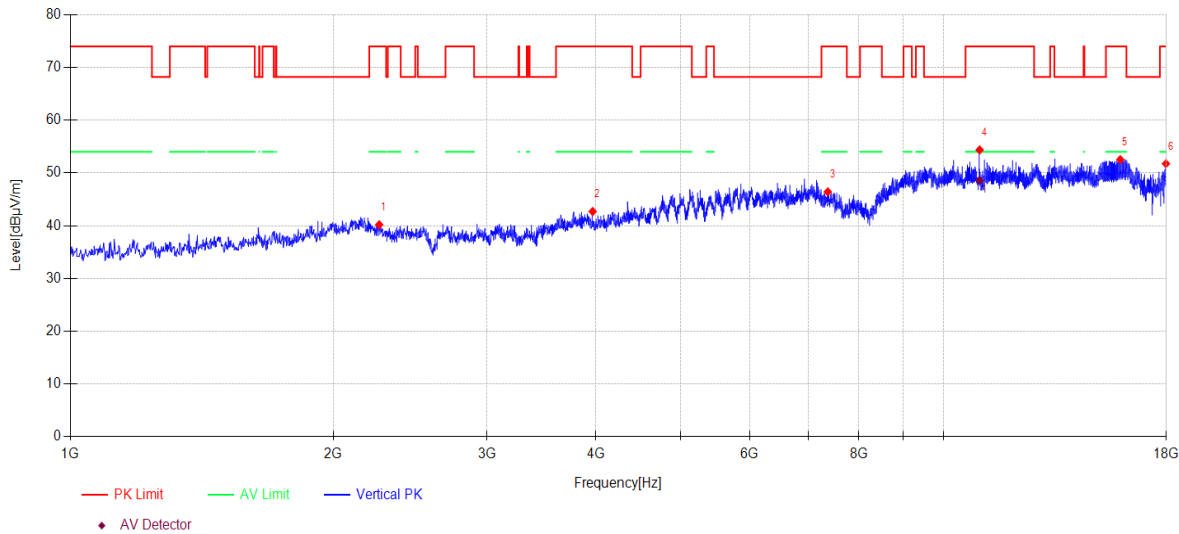
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Memo:

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	2258.000	44.71	27.22	6.00	-37.74	40.19	74.00	33.81	PK	Vertical
2	3964.800	46.04	31.04	6.05	-40.43	42.70	74.00	31.30	PK	Vertical
3	7369.900	42.39	36.76	8.90	-41.62	46.43	74.00	27.57	PK	Vertical
4	11001.100	44.64	39.30	9.52	-39.09	54.37	74.00	19.63	PK	Vertical
5	15941.300	38.02	38.06	15.77	-39.32	52.53	74.00	21.47	PK	Vertical
6	17981.300	38.98	42.31	12.83	-42.36	51.76	74.00	22.24	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	11001.100	38.86	39.30	9.52	-39.09	48.59	54.0	5.41	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:2024-04-08

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11AX20 TX 5580MHz ANT1+2+3

Power Supply:AC 120V/60Hz

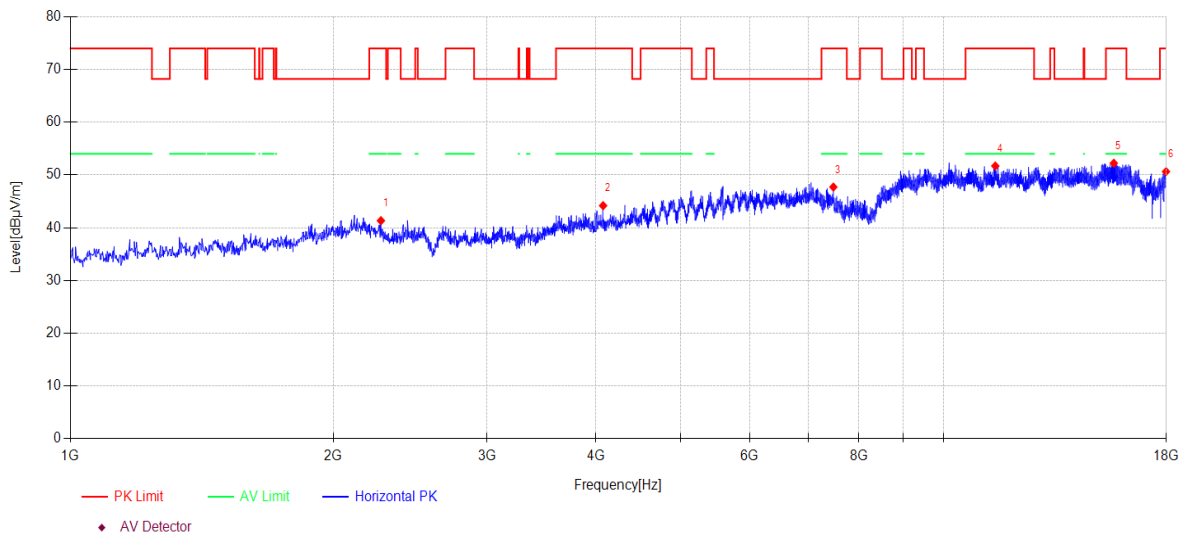
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Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\35

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	2268.200	45.99	27.12	5.99	-37.77	41.33	74.00	32.67	PK	Horizontal
2	4075.300	47.33	31.05	6.23	-40.42	44.19	74.00	29.81	PK	Horizontal
3	7480.400	44.19	36.54	8.88	-41.90	47.71	74.00	26.29	PK	Horizontal
4	11465.200	41.89	39.23	9.89	-39.31	51.70	74.00	22.30	PK	Horizontal
5	15671.000	38.44	38.53	14.41	-39.16	52.22	74.00	21.78	PK	Horizontal
6	17984.700	37.85	42.32	12.84	-42.37	50.64	74.00	23.36	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:

2024-04-08

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5580MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

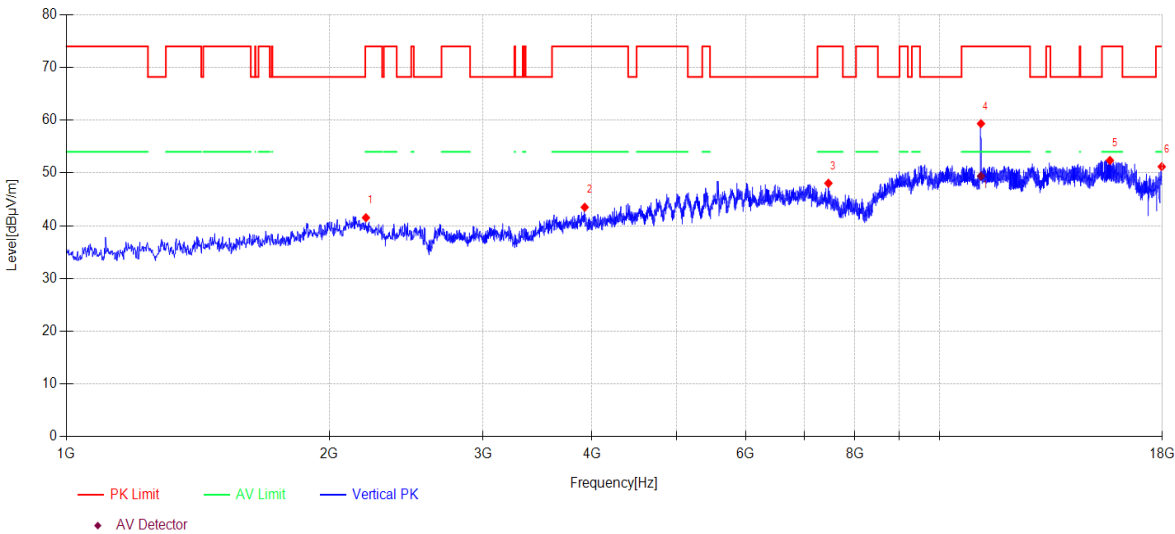
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Memo:

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	2203.600	45.30	27.76	6.05	-37.59	41.52	74.00	32.48	PK	Vertical
2	3924.000	46.74	31.15	6.02	-40.40	43.51	74.00	30.49	PK	Vertical
3	7461.700	44.43	36.58	8.89	-41.85	48.05	74.00	25.95	PK	Vertical
4	11157.500	49.62	39.24	9.65	-39.16	59.35	74.00	14.65	PK	Vertical
5	15676.100	38.58	38.52	14.44	-39.17	52.37	74.00	21.63	PK	Vertical
6	17972.800	38.45	42.26	12.82	-42.34	51.19	74.00	22.81	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	11157.978	39.67	39.24	9.65	-39.16	49.40	54.0	4.60	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:2024-04-08Tested By:Junchang Du

EUT:Wireless Access PointModel Number:RG-RAP73Pro

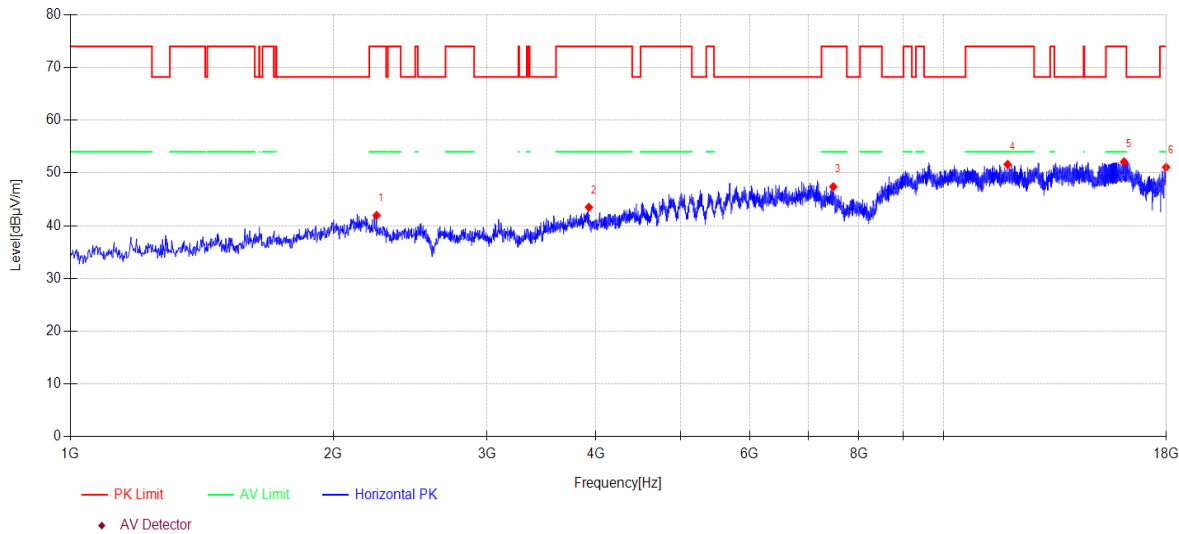
Test Mode:11AX20 TX 5700MHz ANT1+2+3Power Supply:AC 120V/60Hz

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 5G\37

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	2242.700	46.27	27.37	6.02	-37.70	41.96	74.00	32.04	PK	Horizontal
2	3925.700	46.71	31.15	6.03	-40.40	43.49	74.00	30.51	PK	Horizontal
3	7478.700	43.87	36.54	8.88	-41.90	47.39	74.00	26.61	PK	Horizontal
4	11842.600	42.02	38.90	10.19	-39.49	51.62	74.00	22.38	PK	Horizontal
5	16101.100	38.01	37.90	15.65	-39.44	52.12	74.00	21.88	PK	Horizontal
6	17988.100	38.28	42.34	12.84	-42.37	51.09	74.00	22.91	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-04-08

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

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

Power Supply:AC 120V/60Hz

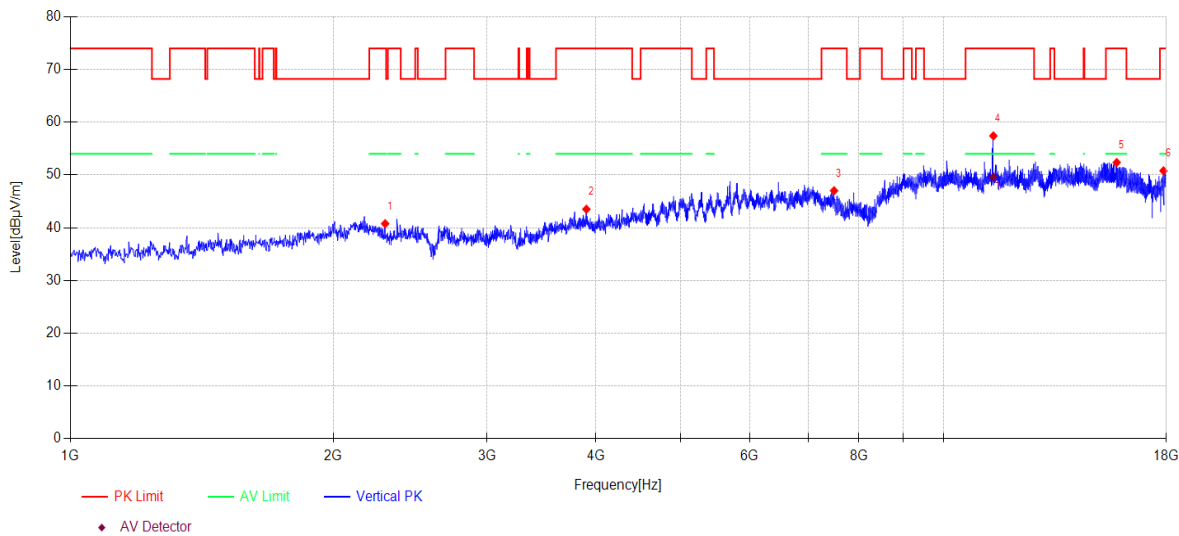
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\38

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	2293.700	45.77	26.86	5.97	-37.84	40.76	74.00	33.24	PK	Vertical
2	3900.200	46.69	31.20	6.01	-40.39	43.51	74.00	30.49	PK	Vertical
3	7494.000	43.57	36.51	8.88	-41.94	47.02	74.00	26.98	PK	Vertical
4	11407.400	47.54	39.29	9.85	-39.28	57.40	74.00	16.60	PK	Vertical
5	15791.700	38.26	38.32	15.02	-39.24	52.36	74.00	21.64	PK	Vertical
6	17865.700	38.65	41.52	12.72	-42.10	50.79	74.00	23.21	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	11406.650	39.70	39.29	9.85	-39.28	49.56	54.0	4.44	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:2024-05-31

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11AX20 TX 5720MHz ANT1+2+3

Power Supply:AC 120V/60Hz

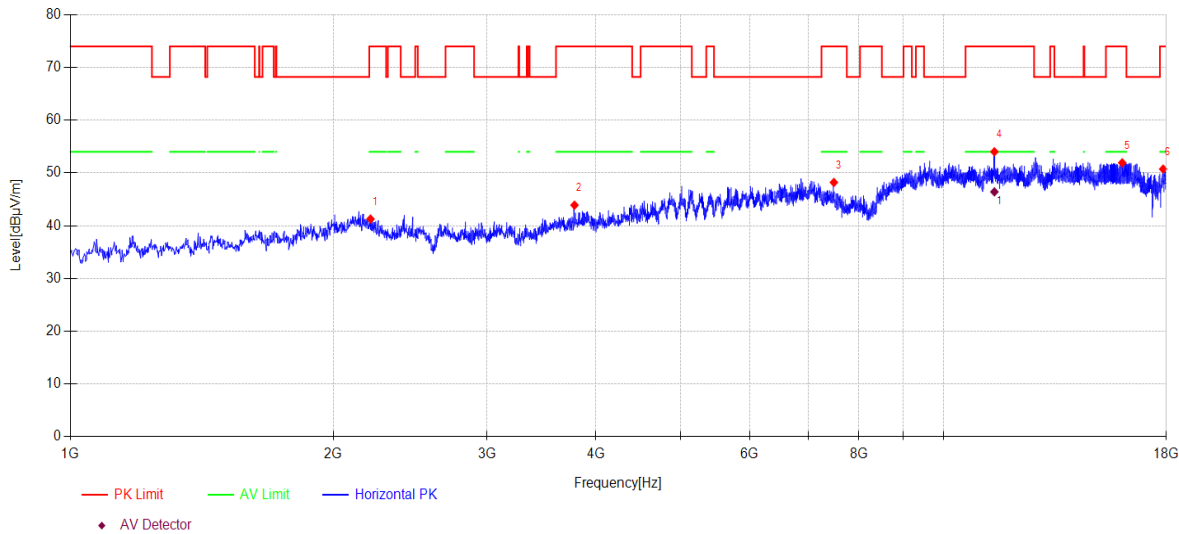
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\213

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	2207.000	45.10	27.73	6.05	-37.60	41.28	74.00	32.72	PK	Horizontal
2	3779.500	47.68	30.62	5.92	-40.32	43.90	74.00	30.10	PK	Horizontal
3	7490.600	44.74	36.52	8.88	-41.93	48.21	74.00	25.79	PK	Horizontal
4	11438.000	44.19	39.26	9.87	-39.30	54.02	74.00	19.98	PK	Horizontal
5	16021.200	37.35	37.98	15.98	-39.38	51.93	74.00	22.07	PK	Horizontal
6	17848.700	38.76	41.34	12.70	-42.06	50.74	74.00	23.26	PK	Horizontal

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	11438.000	36.59	39.26	9.87	-39.30	46.42	54.0	7.58	AV	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-05-31

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11AX20 TX 5720MHz ANT1+2+3

Power Supply:AC 120V/60Hz

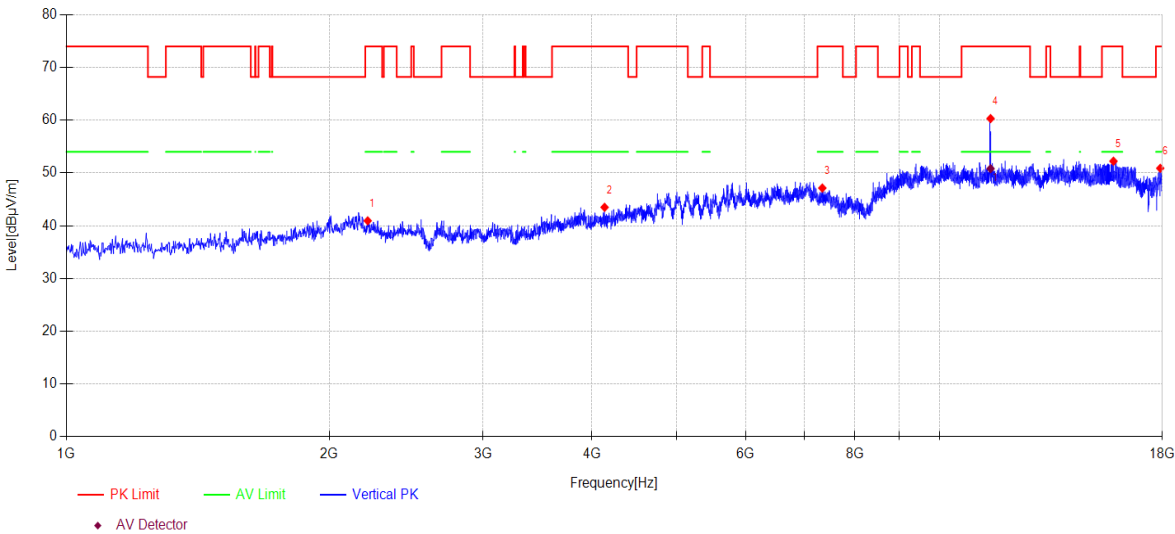
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5G\214

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	2213.800	44.85	27.66	6.04	-37.62	40.93	74.00	33.07	PK	Vertical
2	4134.800	46.38	31.17	6.34	-40.40	43.49	74.00	30.51	PK	Vertical
3	7342.700	42.98	36.81	8.91	-41.56	47.14	74.00	26.86	PK	Vertical
4	11443.100	50.48	39.26	9.87	-39.30	60.31	74.00	13.69	PK	Vertical
5	15822.300	38.05	38.26	15.17	-39.25	52.23	74.00	21.77	PK	Vertical
6	17901.400	38.41	41.91	12.75	-42.18	50.89	74.00	23.11	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	11442.930	40.98	39.26	9.87	-39.30	50.81	54.0	3.19	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:

2024-04-08

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

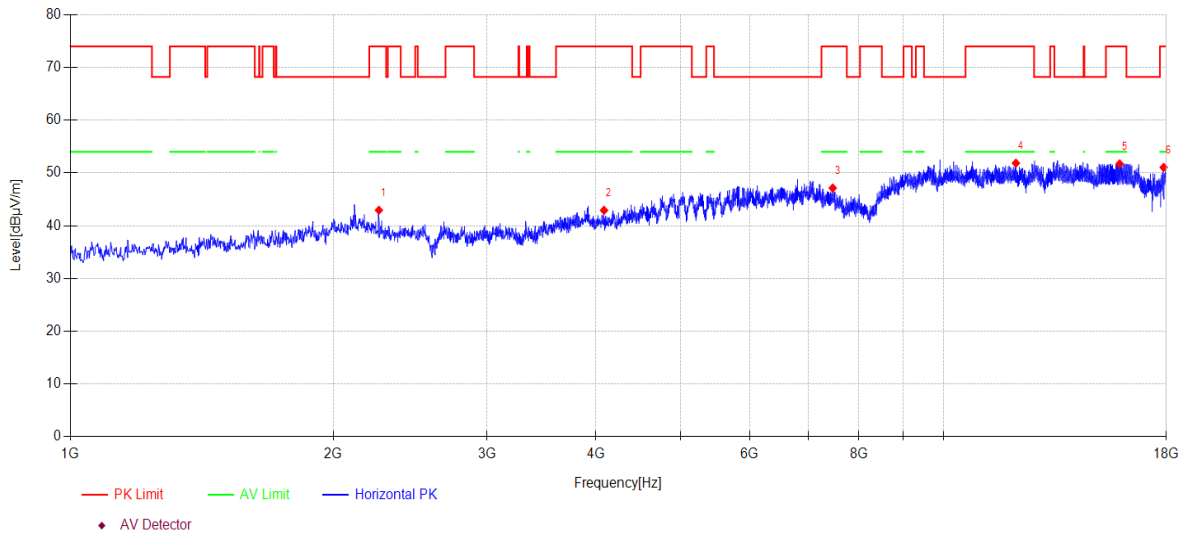
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Memo:

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	2256.300	47.44	27.24	6.00	-37.74	42.94	74.00	31.06	PK	Horizontal
2	4085.500	46.02	31.07	6.25	-40.42	42.92	74.00	31.08	PK	Horizontal
3	7466.800	43.55	36.57	8.89	-41.87	47.14	74.00	26.86	PK	Horizontal
4	12104.400	41.83	39.30	10.33	-39.60	51.86	74.00	22.14	PK	Horizontal
5	15912.400	37.32	38.09	15.63	-39.31	51.73	74.00	22.27	PK	Horizontal
6	17872.500	38.85	41.60	12.73	-42.12	51.06	74.00	22.94	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:

2024-04-08

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

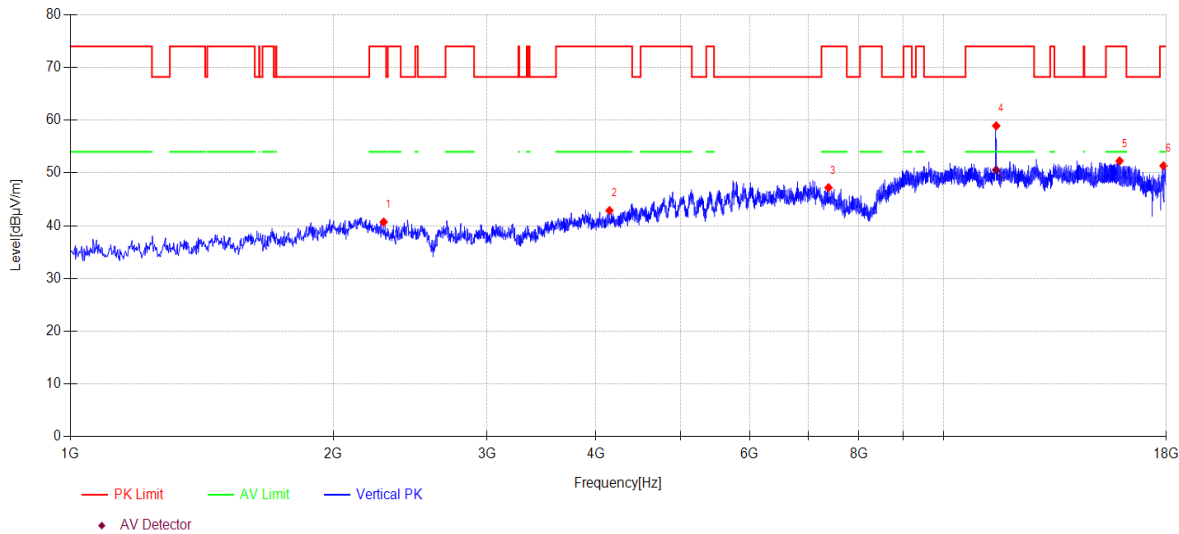
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Memo:

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	2285.200	45.59	26.95	5.98	-37.82	40.70	74.00	33.30	PK	Vertical
2	4145.000	45.72	31.19	6.36	-40.40	42.87	74.00	31.13	PK	Vertical
3	7385.200	43.24	36.73	8.90	-41.66	47.21	74.00	26.79	PK	Vertical
4	11492.400	49.13	39.21	9.91	-39.32	58.93	74.00	15.07	PK	Vertical
5	15912.400	37.87	38.09	15.63	-39.31	52.28	74.00	21.72	PK	Vertical
6	17867.400	39.20	41.54	12.72	-42.10	51.36	74.00	22.64	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	11491.060	40.76	39.21	9.91	-39.32	50.56	54.0	3.44	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:2024-04-08

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

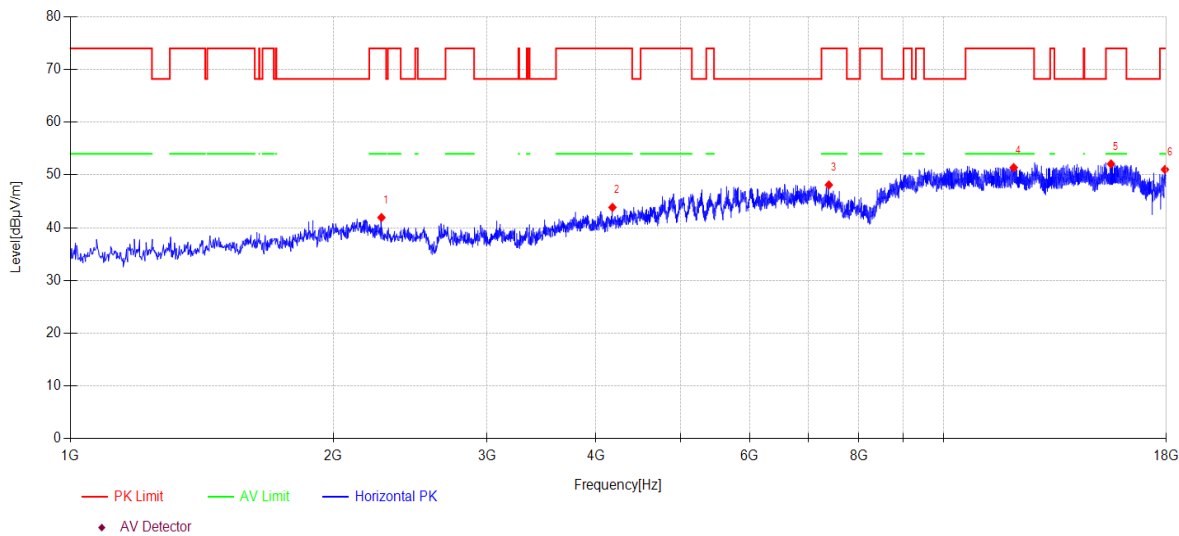
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5.8G\11

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	2271.600	46.64	27.08	5.99	-37.78	41.93	74.00	32.07	PK	Horizontal
2	4177.300	46.61	31.20	6.42	-40.38	43.85	74.00	30.15	PK	Horizontal
3	7392.000	44.17	36.72	8.90	-41.68	48.11	74.00	25.89	PK	Horizontal
4	12036.400	41.41	39.24	10.32	-39.57	51.40	74.00	22.60	PK	Horizontal
5	15555.400	38.67	38.69	13.83	-39.09	52.10	74.00	21.90	PK	Horizontal
6	17933.700	38.42	42.07	12.79	-42.25	51.03	74.00	22.97	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:

2024-04-08

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

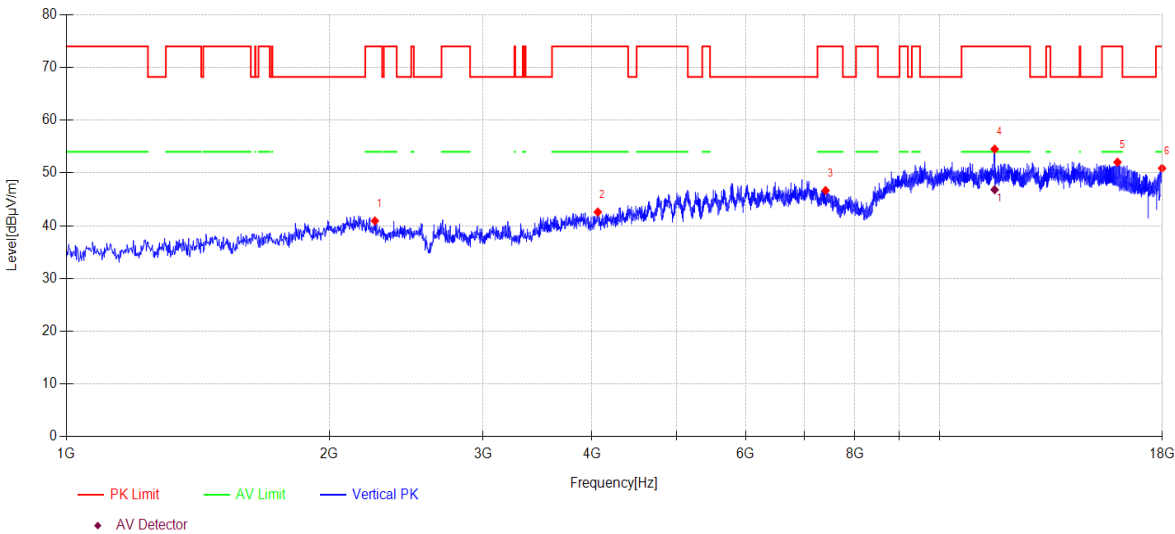
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Memo:

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	2256.300	45.41	27.24	6.00	-37.74	40.91	74.00	33.09	PK	Vertical
2	4061.700	45.80	31.02	6.20	-40.43	42.59	74.00	31.41	PK	Vertical
3	7405.600	42.80	36.69	8.90	-41.71	46.68	74.00	27.32	PK	Vertical
4	11567.200	44.84	39.07	9.97	-39.36	54.52	74.00	19.48	PK	Vertical
5	15992.300	37.37	38.01	16.03	-39.36	52.05	74.00	21.95	PK	Vertical
6	17986.400	38.09	42.33	12.84	-42.37	50.89	74.00	23.11	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	11567.200	37.15	39.07	9.97	-39.36	46.83	54.0	7.17	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:

2024-04-08

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

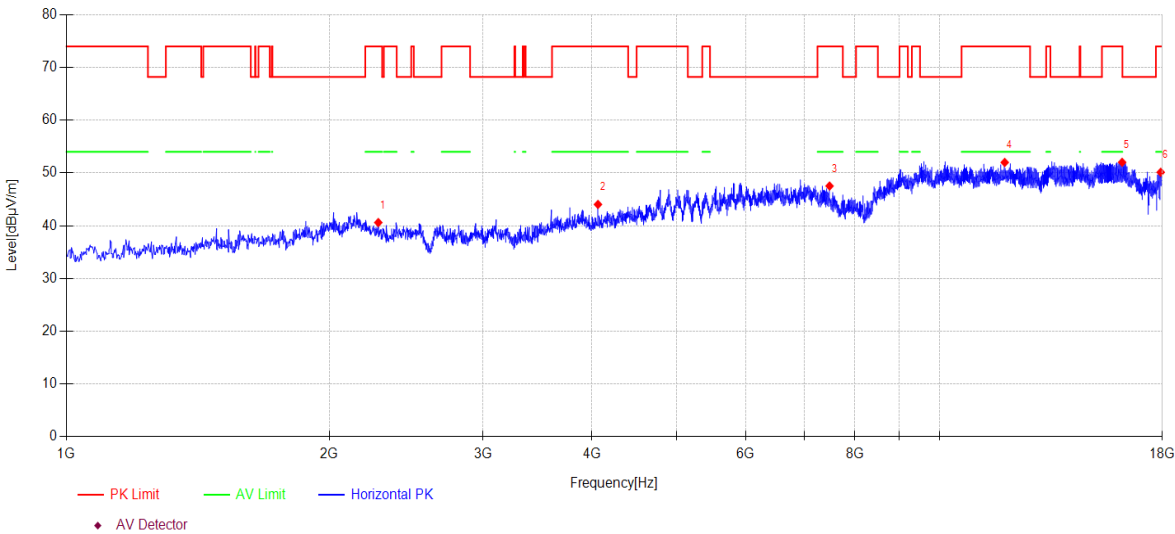
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Memo:

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	2276.700	45.38	27.03	5.99	-37.79	40.61	74.00	33.39	PK	Horizontal
2	4063.400	47.24	31.03	6.20	-40.43	44.04	74.00	29.96	PK	Horizontal
3	7483.800	44.03	36.53	8.88	-41.91	47.53	74.00	26.47	PK	Horizontal
4	11878.300	42.38	38.90	10.22	-39.50	52.00	74.00	22.00	PK	Horizontal
5	16189.500	38.45	37.81	15.27	-39.51	52.02	74.00	21.98	PK	Horizontal
6	17923.500	37.56	42.02	12.78	-42.23	50.13	74.00	23.87	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:

2024-04-08

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

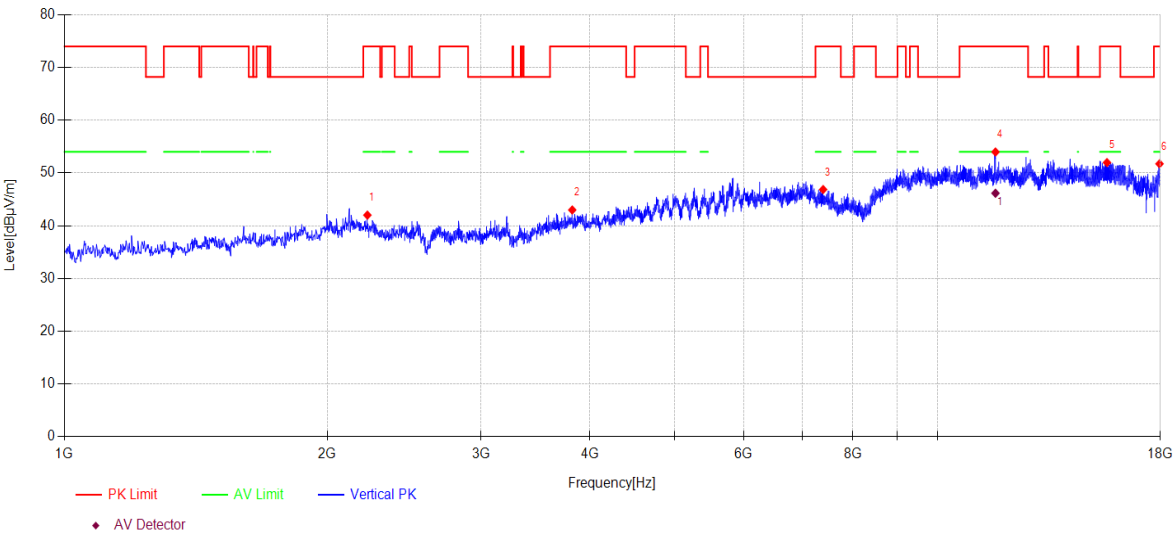
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Memo:

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	2224.000	46.06	27.56	6.03	-37.64	42.01	74.00	31.99	PK	Vertical
2	3816.900	46.61	30.77	5.95	-40.34	42.99	74.00	31.01	PK	Vertical
3	7397.100	42.94	36.71	8.90	-41.69	46.86	74.00	27.14	PK	Vertical
4	11653.900	44.34	39.00	10.04	-39.40	53.98	74.00	20.02	PK	Vertical
5	15638.700	38.30	38.56	14.25	-39.14	51.97	74.00	22.03	PK	Vertical
6	17960.900	39.03	42.20	12.81	-42.31	51.73	74.00	22.27	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	11653.900	36.52	39.00	10.04	-39.40	46.16	54.0	7.84	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11A TX 5720MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

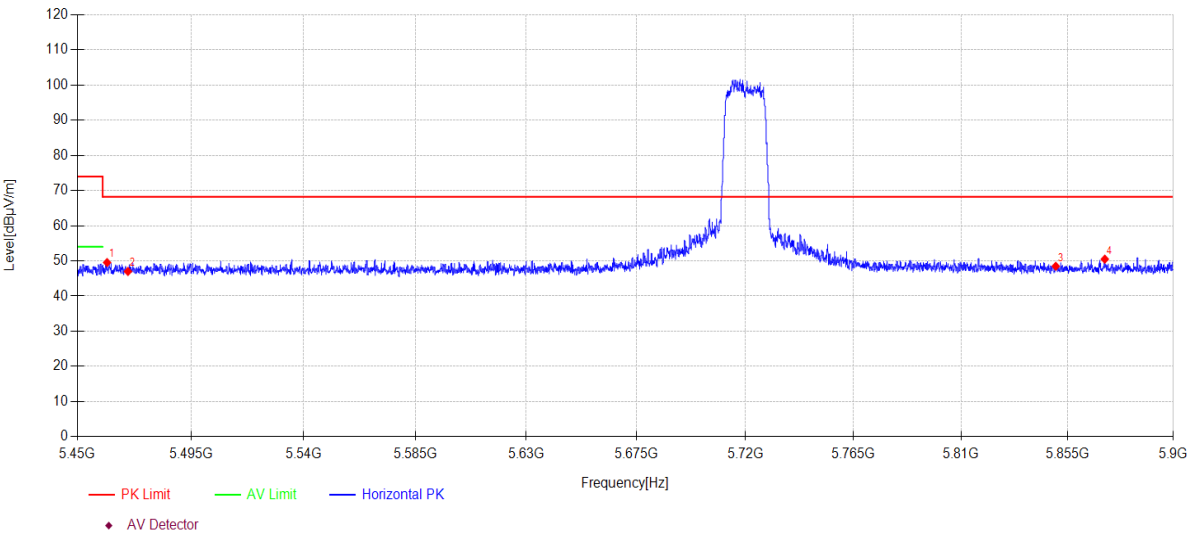
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Memo:

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	5461.745	10.80	33.00	5.74	0.00	49.54	68.20	18.66	PK	Horizontal
2	5470.000	8.26	33.00	5.75	0.00	47.01	68.20	21.19	PK	Horizontal
3	5850.000	8.53	34.00	5.94	0.00	48.47	68.20	19.73	PK	Horizontal
4	5870.795	10.51	34.04	5.95	0.00	50.50	68.20	17.70	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11A TX 5720MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

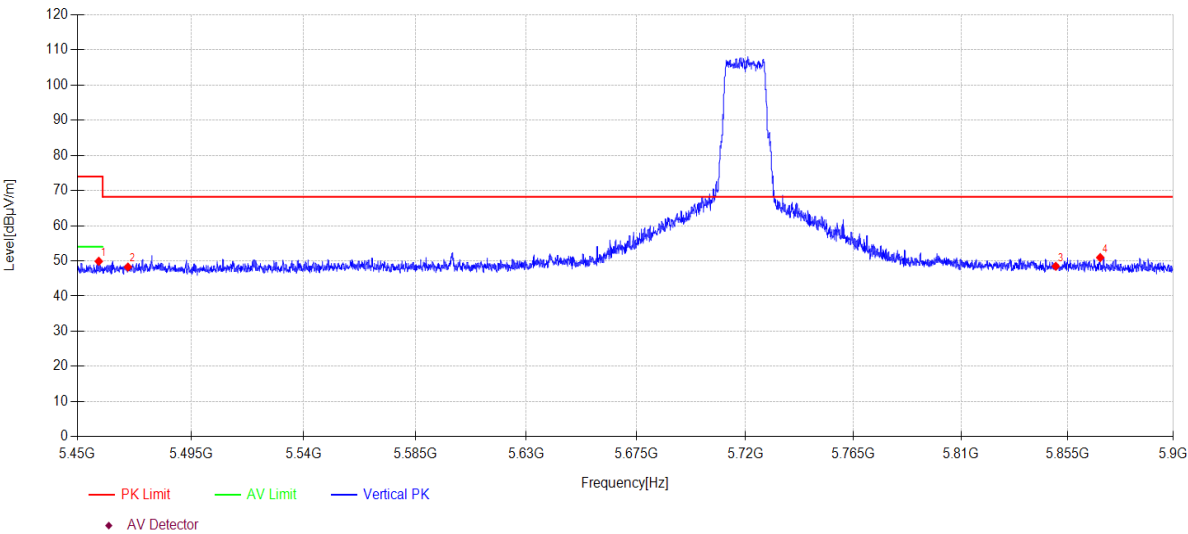
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Memo:

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	5458.460	11.15	33.00	5.74	0.00	49.89	74.00	24.11	PK	Vertical
2	5470.000	9.51	33.00	5.75	0.00	48.26	68.20	19.94	PK	Vertical
3	5850.000	8.54	34.00	5.94	0.00	48.48	68.20	19.72	PK	Vertical
4	5868.860	10.96	34.04	5.94	0.00	50.94	68.20	17.26	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11N20 TX 5720MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

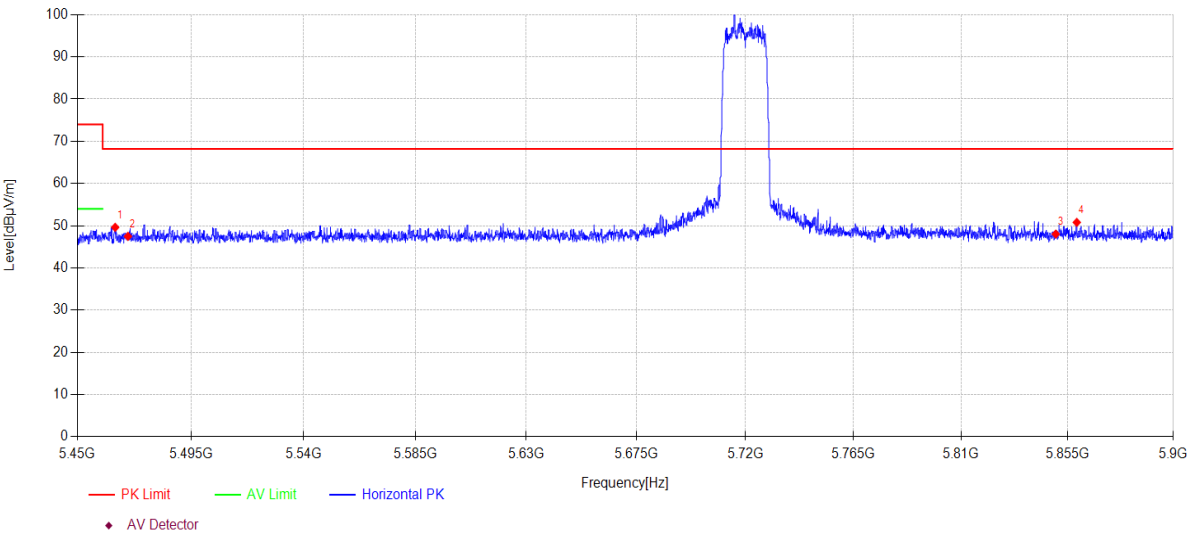
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Memo:

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	10.88	33.00	5.74	0.00	49.62	68.20	18.58	PK	Horizontal
2	5470.000	8.73	33.00	5.75	0.00	47.48	68.20	20.72	PK	Horizontal
3	5850.000	8.08	34.00	5.94	0.00	48.02	68.20	20.18	PK	Horizontal
4	5858.915	10.84	34.02	5.94	0.00	50.80	68.20	17.40	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:

11N20 TX 5720MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

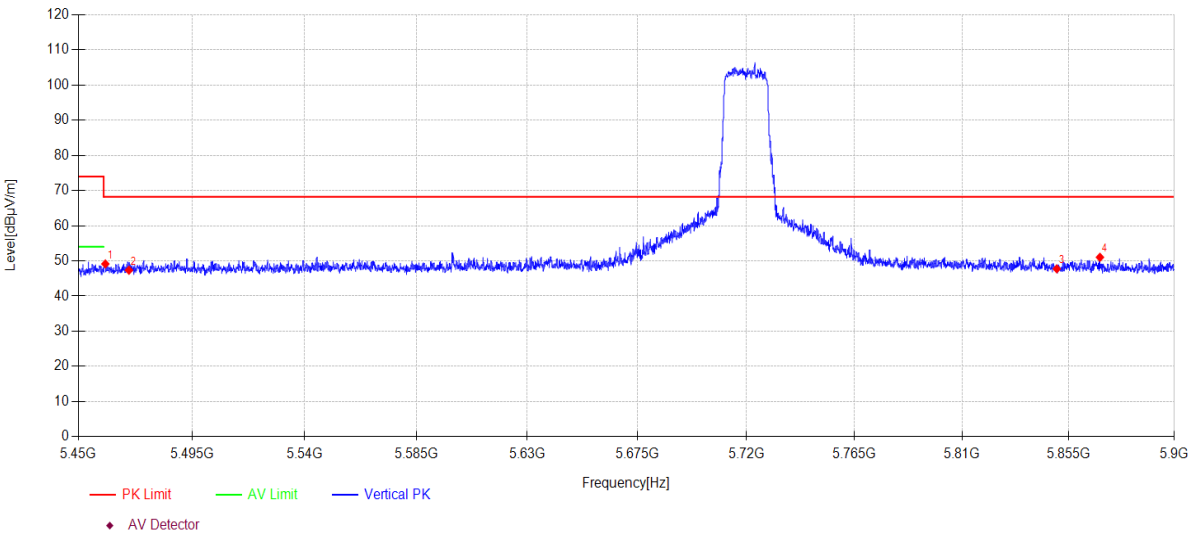
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Memo:

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	5460.665	10.41	33.00	5.74	0.00	49.15	68.20	19.05	PK	Vertical
2	5470.000	8.60	33.00	5.75	0.00	47.35	68.20	20.85	PK	Vertical
3	5850.000	7.81	34.00	5.94	0.00	47.75	68.20	20.45	PK	Vertical
4	5868.320	11.05	34.04	5.94	0.00	51.03	68.20	17.17	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:

11AC20 TX 5720MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

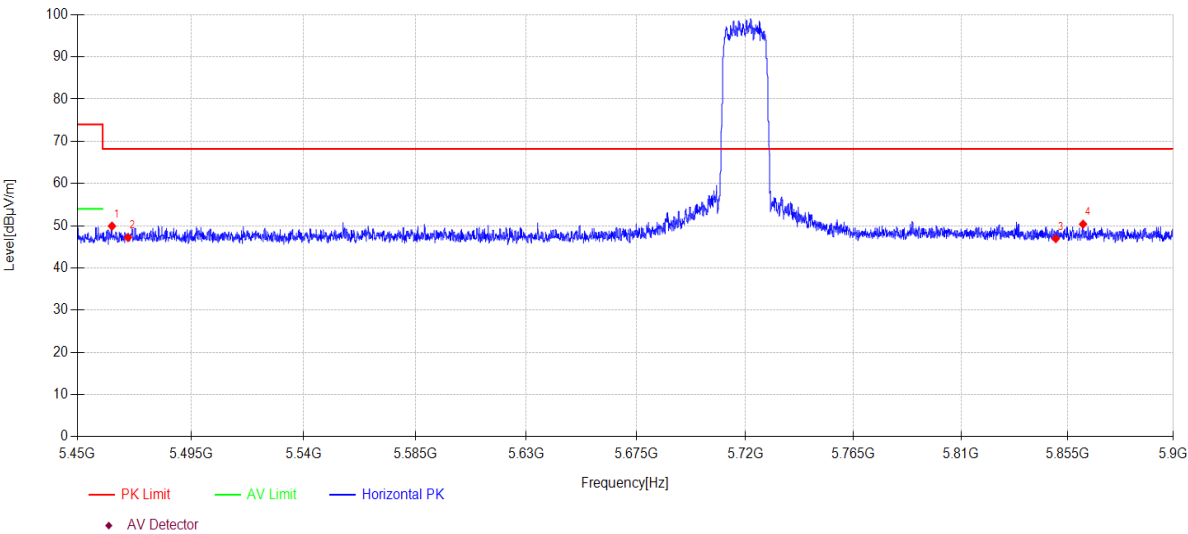
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Memo:

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	5463.680	11.17	33.00	5.74	0.00	49.91	68.20	18.29	PK	Horizontal
2	5470.000	8.46	33.00	5.75	0.00	47.21	68.20	20.99	PK	Horizontal
3	5850.000	7.00	34.00	5.94	0.00	46.94	68.20	21.26	PK	Horizontal
4	5861.570	10.41	34.02	5.94	0.00	50.37	68.20	17.83	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:

11AC20 TX 5720MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

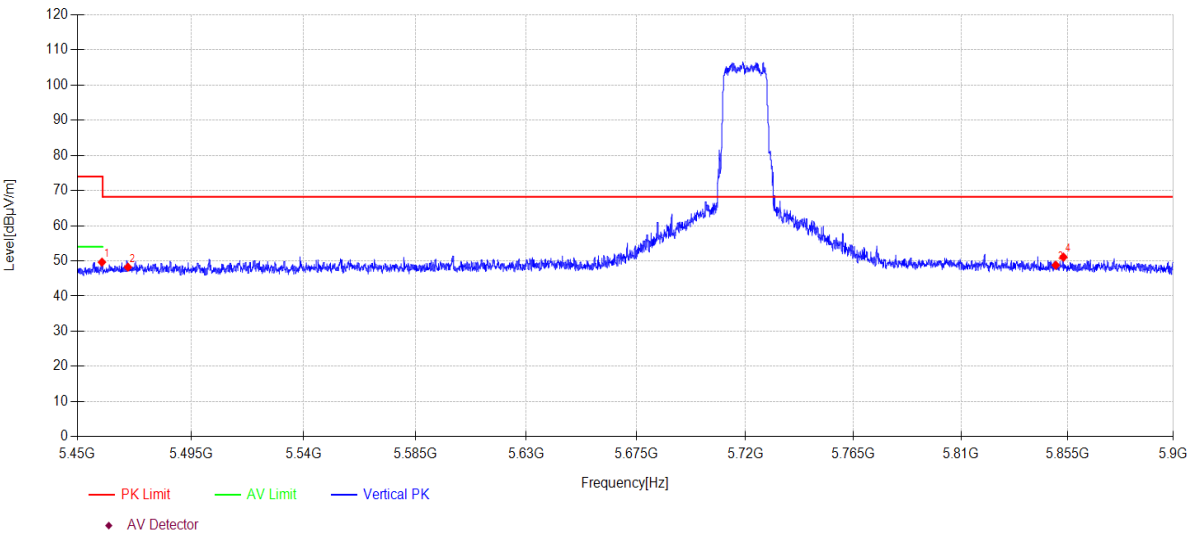
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Memo:

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	5459.720	10.90	33.00	5.74	0.00	49.64	74.00	24.36	PK	Vertical
2	5470.000	9.47	33.00	5.75	0.00	48.22	68.20	19.98	PK	Vertical
3	5850.000	8.84	34.00	5.94	0.00	48.78	68.20	19.42	PK	Vertical
4	5853.245	11.13	34.01	5.94	0.00	51.08	68.20	17.12	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5720MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

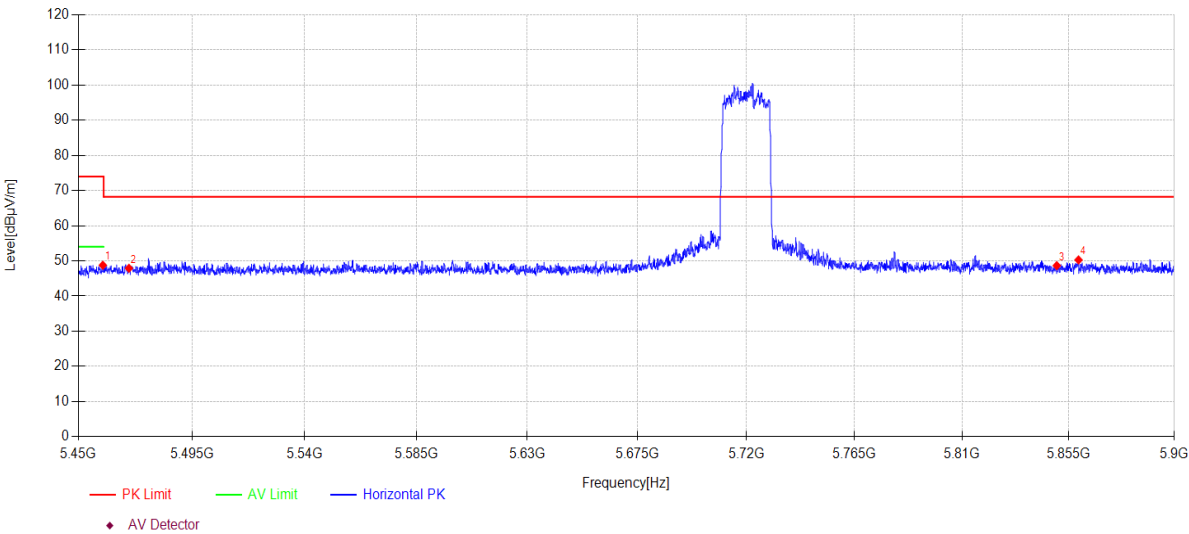
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Memo:

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	5459.675	10.03	33.00	5.74	0.00	48.77	74.00	25.23	PK	Horizontal
2	5470.000	9.16	33.00	5.75	0.00	47.91	68.20	20.29	PK	Horizontal
3	5850.000	8.71	34.00	5.94	0.00	48.65	68.20	19.55	PK	Horizontal
4	5859.230	10.31	34.02	5.94	0.00	50.27	68.20	17.93	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-04-29

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11AX20 TX 5720MHz ANT1+2+3

Power Supply:AC 120V/60Hz

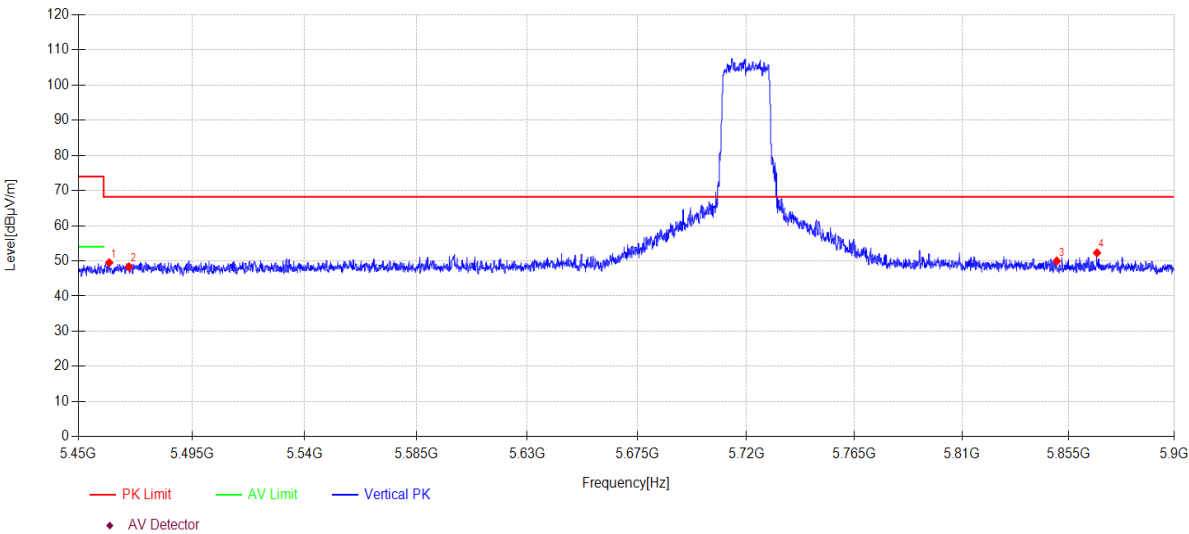
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5720\8

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	5462.195	10.76	33.00	5.74	0.00	49.50	68.20	18.70	PK	Vertical
2	5470.000	9.55	33.00	5.75	0.00	48.30	68.20	19.90	PK	Vertical
3	5850.000	10.04	34.00	5.94	0.00	49.98	68.20	18.22	PK	Vertical
4	5867.060	12.32	34.03	5.94	0.00	52.29	68.20	15.91	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20 TX 5720MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

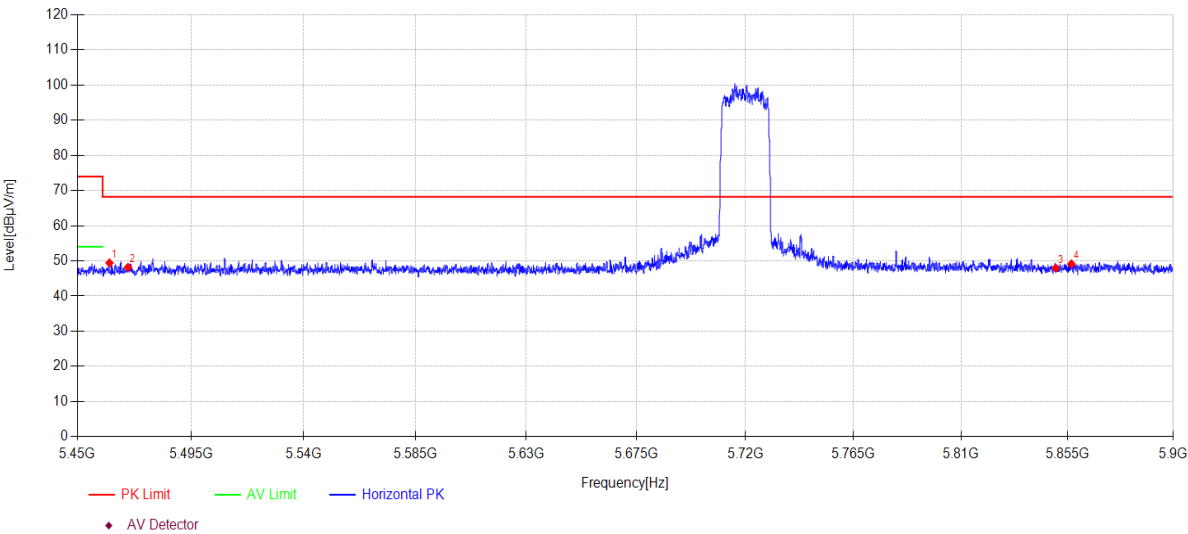
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5720\9

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	5462.690	10.69	33.00	5.74	0.00	49.43	68.20	18.77	PK	Horizontal
2	5470.000	9.40	33.00	5.75	0.00	48.15	68.20	20.05	PK	Horizontal
3	5850.000	7.99	34.00	5.94	0.00	47.93	68.20	20.27	PK	Horizontal
4	5856.620	9.20	34.01	5.94	0.00	49.15	68.20	19.05	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:

11BE20 TX 5720MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

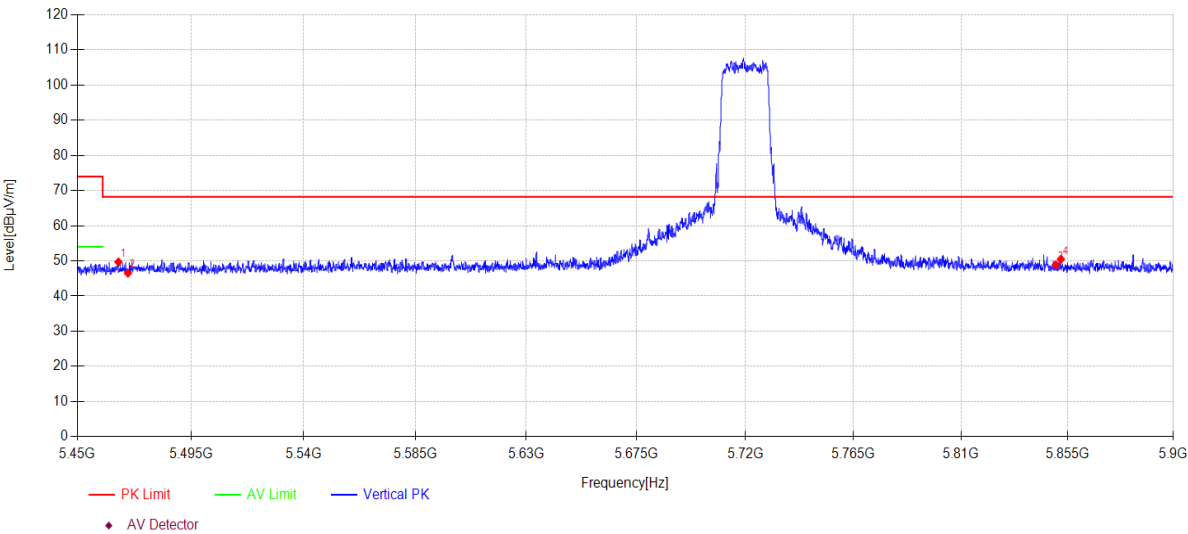
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5720\10

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	5466.245	10.95	33.00	5.74	0.00	49.69	68.20	18.51	PK	Vertical
2	5470.000	7.78	33.00	5.75	0.00	46.53	68.20	21.67	PK	Vertical
3	5850.000	8.94	34.00	5.94	0.00	48.88	68.20	19.32	PK	Vertical
4	5852.165	10.53	34.00	5.94	0.00	50.47	68.20	17.73	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:

11N40 TX 5710MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

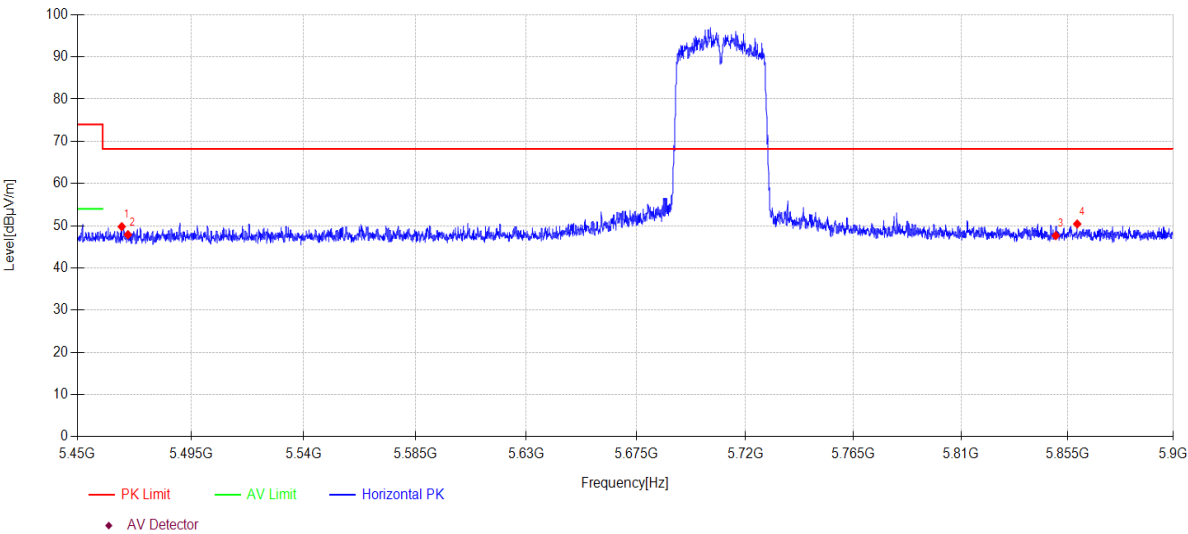
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5720\11

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	5467.550	11.05	33.00	5.74	0.00	49.79	68.20	18.41	PK	Horizontal
2	5470.000	9.13	33.00	5.75	0.00	47.88	68.20	20.32	PK	Horizontal
3	5850.000	7.70	34.00	5.94	0.00	47.64	68.20	20.56	PK	Horizontal
4	5859.095	10.46	34.02	5.94	0.00	50.42	68.20	17.78	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11N40 TX 5710MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

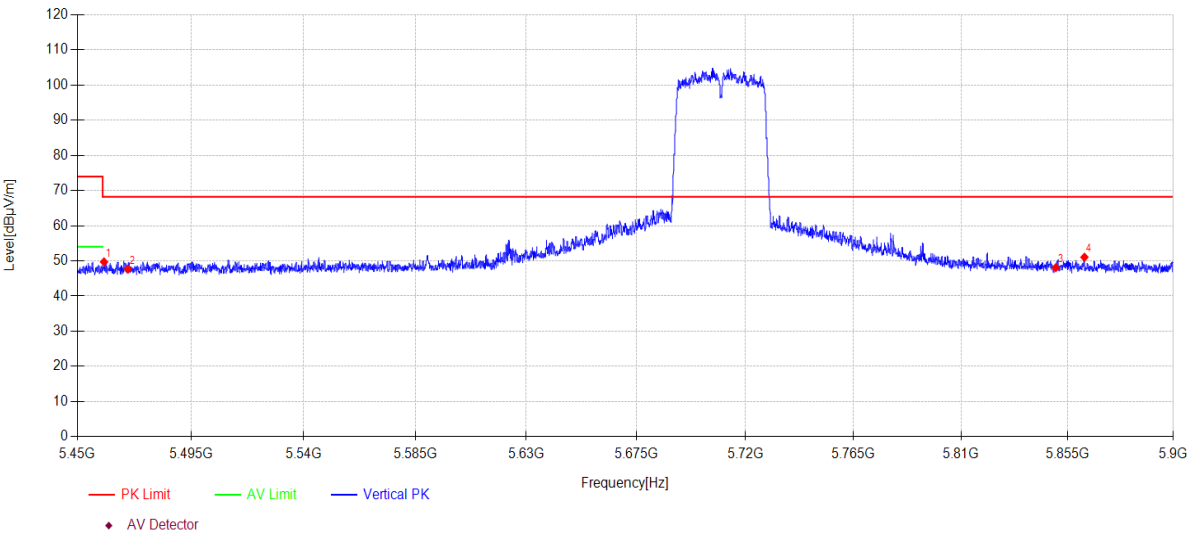
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 5720\12

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	5460.530	10.98	33.00	5.74	0.00	49.72	68.20	18.48	PK	Vertical
2	5470.000	8.90	33.00	5.75	0.00	47.65	68.20	20.55	PK	Vertical
3	5850.000	8.13	34.00	5.94	0.00	48.07	68.20	20.13	PK	Vertical
4	5862.155	11.09	34.02	5.94	0.00	51.05	68.20	17.15	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.