

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:

11BE20 TX 2412MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

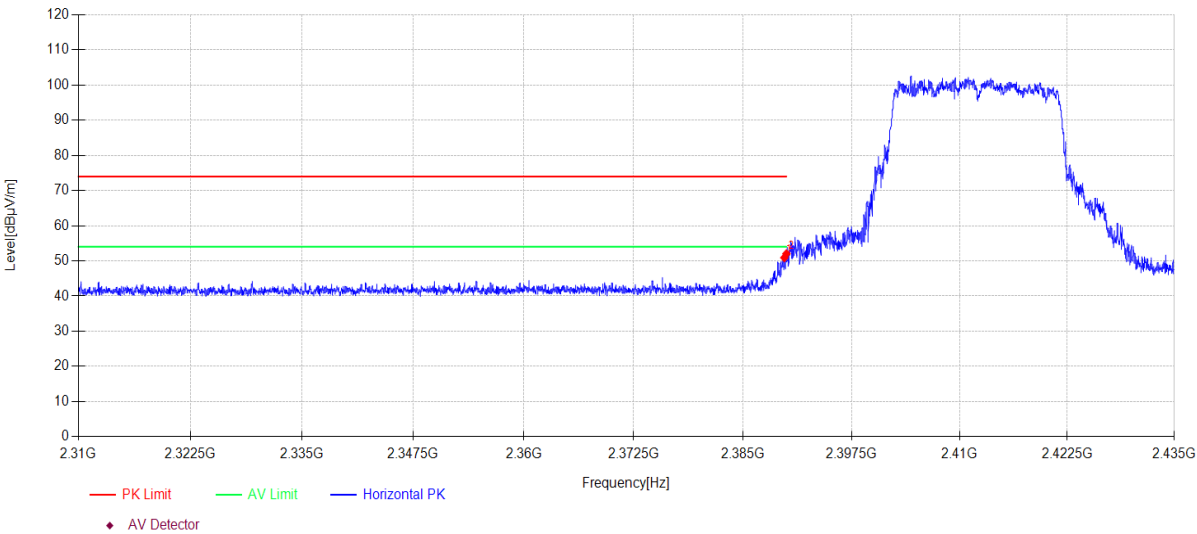
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:14

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2389.763	19.79	27.26	3.87	0.00	50.92	74.00	23.08	PK	Horizontal
2	2390.000	20.89	27.26	3.87	0.00	52.02	74.00	21.98	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:11BE20 TX 2412MHz ANT1+2

Power Supply:AC 120V/60Hz

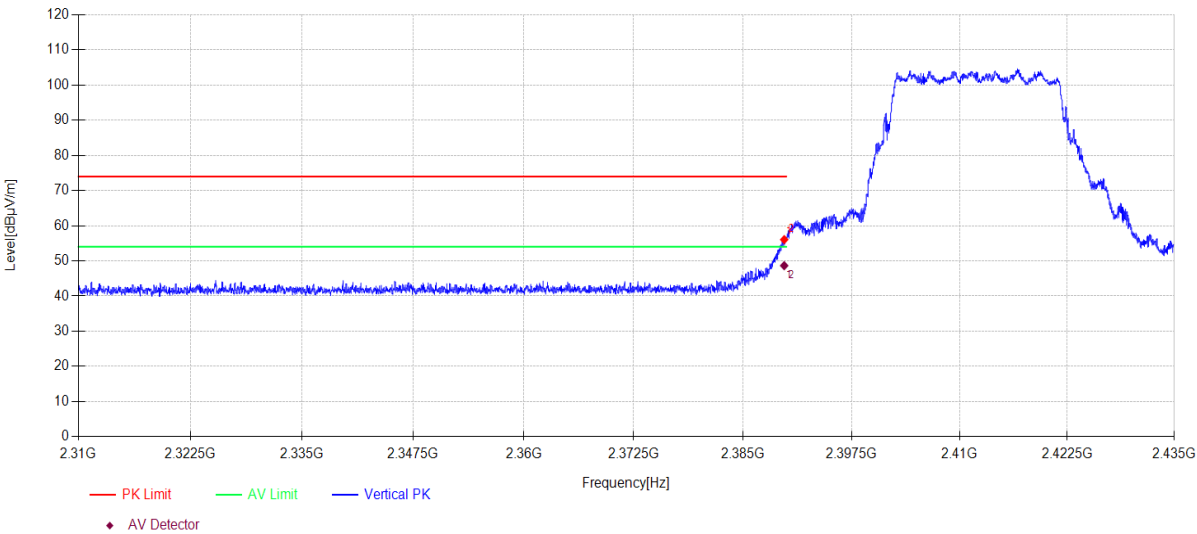
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

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

Memo:Sample Number:S24032709-002 Power Setting:14

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2389.750	24.93	27.26	3.87	0.00	56.06	74.00	17.94	PK	Vertical
2	2390.000	25.52	27.26	3.87	0.00	56.65	74.00	17.35	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2389.750	17.52	27.26	3.87	0.00	48.65	54.0	5.35	AV	Vertical
2	2390.000	17.43	27.26	3.87	0.00	48.56	54.0	5.44	AV	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20 TX 2462MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

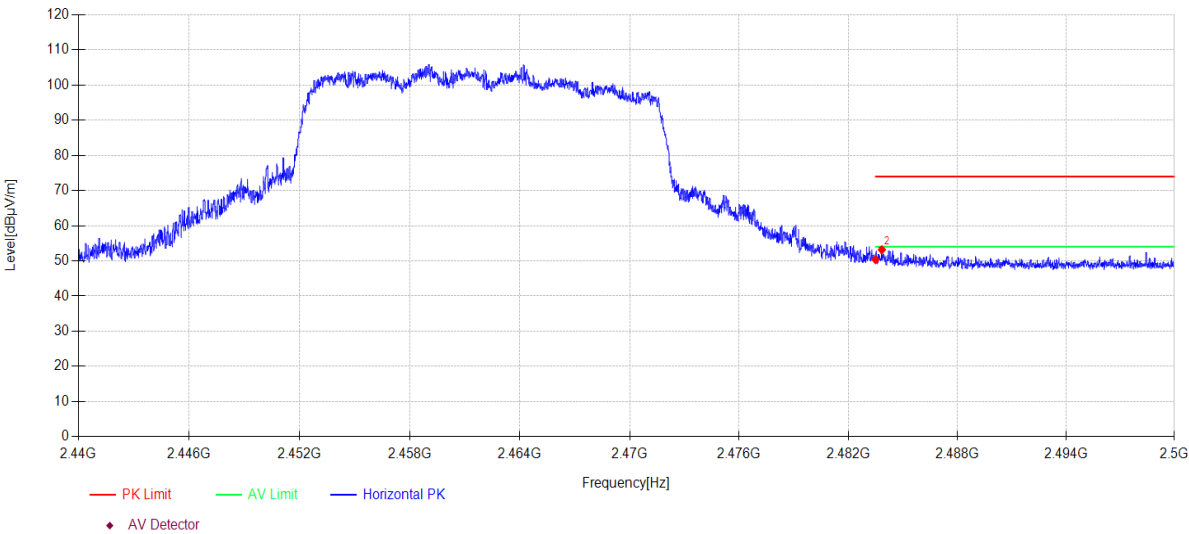
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G\67

Memo:

Sample Number:S24032709-002 Power Setting:14

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	18.89	27.53	3.94	0.00	50.36	74.00	23.64	PK	Horizontal
2	2483.848	21.69	27.54	3.94	0.00	53.17	74.00	20.83	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:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20 TX 2462MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

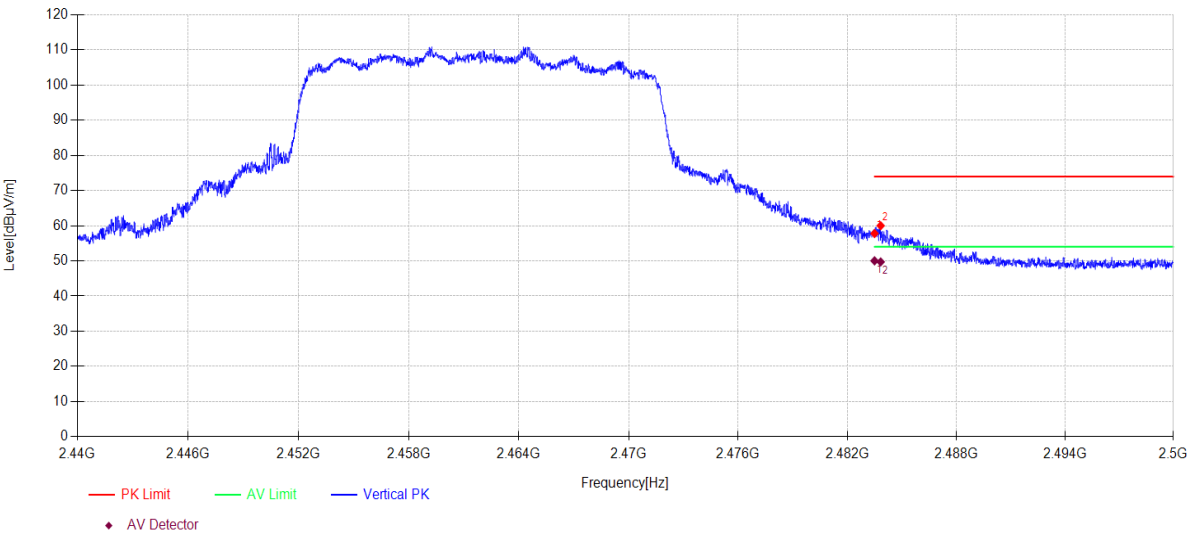
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:14

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	26.32	27.53	3.94	0.00	57.79	74.00	16.21	PK	Vertical
2	2483.836	28.53	27.54	3.94	0.00	60.01	74.00	13.99	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	18.56	27.53	3.94	0.00	50.03	54.0	3.97	AV	Vertical
2	2483.836	18.24	27.54	3.94	0.00	49.72	54.0	4.28	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:

2024-04-07

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11N40 TX 2422MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

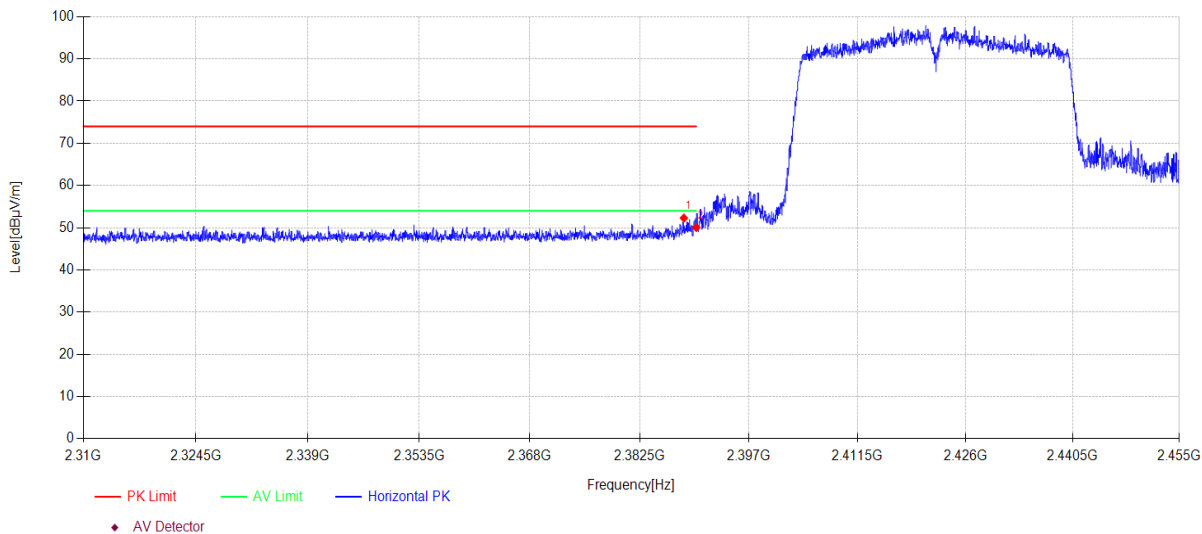
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G\31

Memo:

Sample Number:S24032709-002 Power Setting:13

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2388.358	21.17	27.25	3.87	0.00	52.29	74.00	21.71	PK	Horizontal
2	2390.000	18.93	27.26	3.87	0.00	50.06	74.00	23.94	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:

2024-04-07

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11N40 TX 2422MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

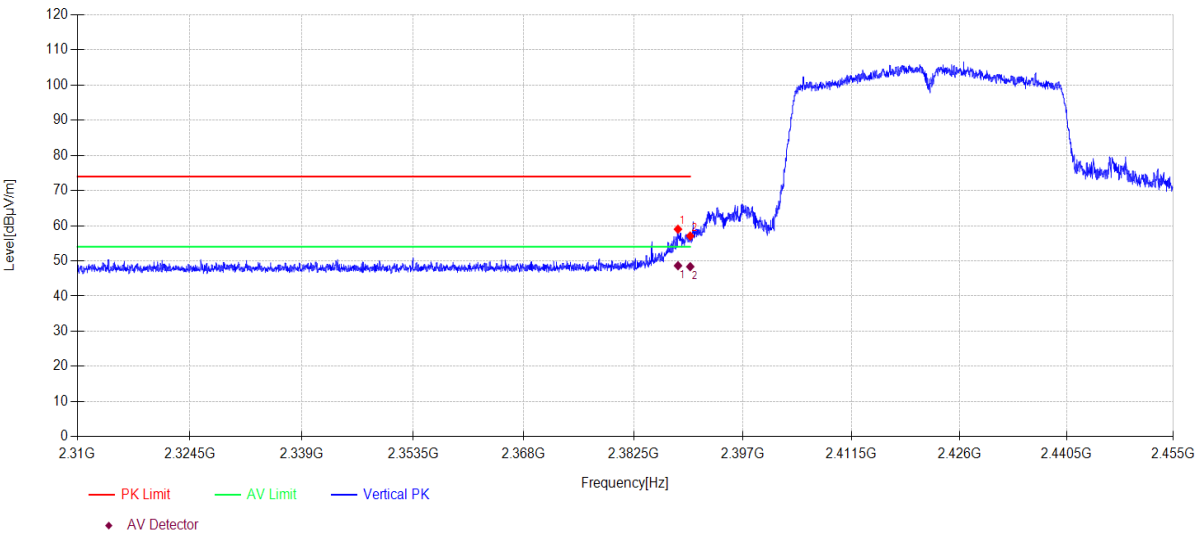
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G\32

Memo:

Sample Number:S24032709-002 Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2388.373	27.89	27.25	3.87	0.00	59.01	74.00	14.99	PK	Vertical
2	2390.000	25.95	27.26	3.87	0.00	57.08	74.00	16.92	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2388.373	17.52	27.25	3.87	0.00	48.64	54.0	5.36	AV	Vertical
2	2390.000	17.23	27.26	3.87	0.00	48.36	54.0	5.64	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:

2024-04-07

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11N40 TX 2452MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

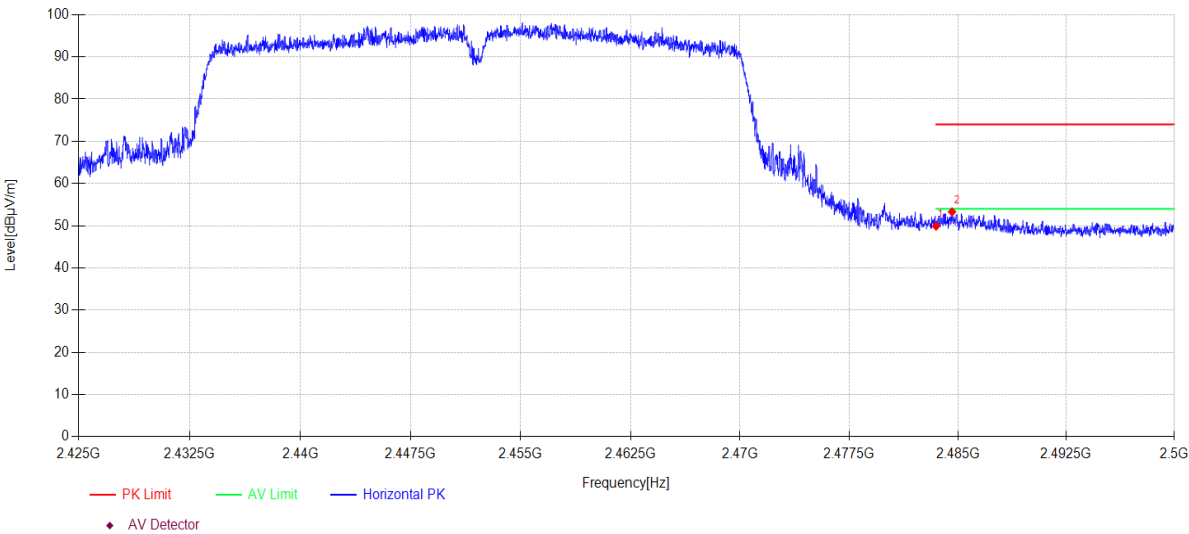
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:13

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	18.44	27.53	3.94	0.00	49.91	74.00	24.09	PK	Horizontal
2	2484.603	21.80	27.54	3.94	0.00	53.28	74.00	20.72	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:

2024-04-07

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11N40 TX 2452MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

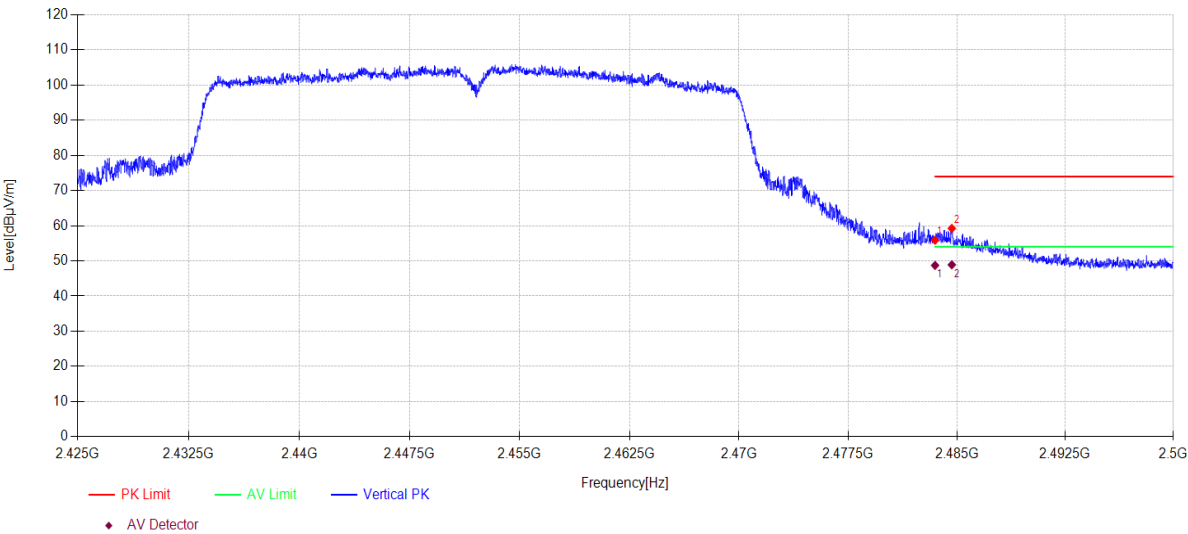
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:13

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	24.41	27.53	3.94	0.00	55.88	74.00	18.12	PK	Vertical
2	2484.655	27.76	27.54	3.94	0.00	59.24	74.00	14.76	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	17.25	27.53	3.94	0.00	48.72	54.0	5.28	AV	Vertical
2	2484.655	17.42	27.54	3.94	0.00	48.90	54.0	5.10	AV	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-07

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC40 TX 2422MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

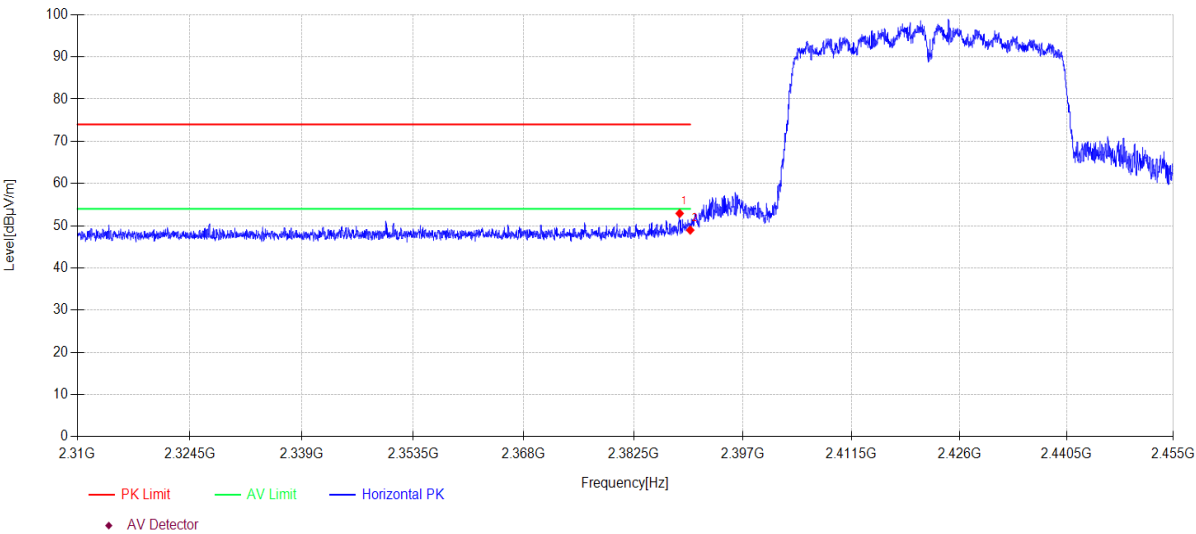
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G\37

Memo:

Sample Number:S24032709-002 Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2388.590	21.79	27.25	3.87	0.00	52.91	74.00	21.09	PK	Horizontal
2	2390.000	17.83	27.26	3.87	0.00	48.96	74.00	25.04	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:

2024-04-07

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC40 TX 2422MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

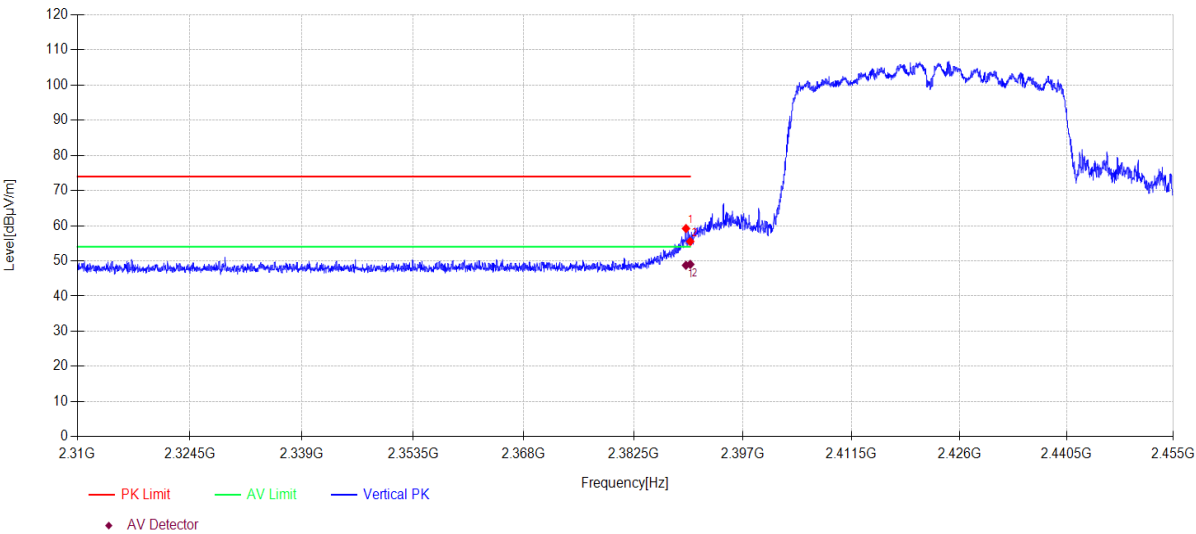
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:13

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2389.431	28.08	27.26	3.87	0.00	59.21	74.00	14.79	PK	Vertical
2	2390.000	24.39	27.26	3.87	0.00	55.52	74.00	18.48	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2389.431	17.62	27.26	3.87	0.00	48.75	54.0	5.25	AV	Vertical
2	2390.000	17.88	27.26	3.87	0.00	49.01	54.0	4.99	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:

2024-04-07

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC40 TX 2452MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

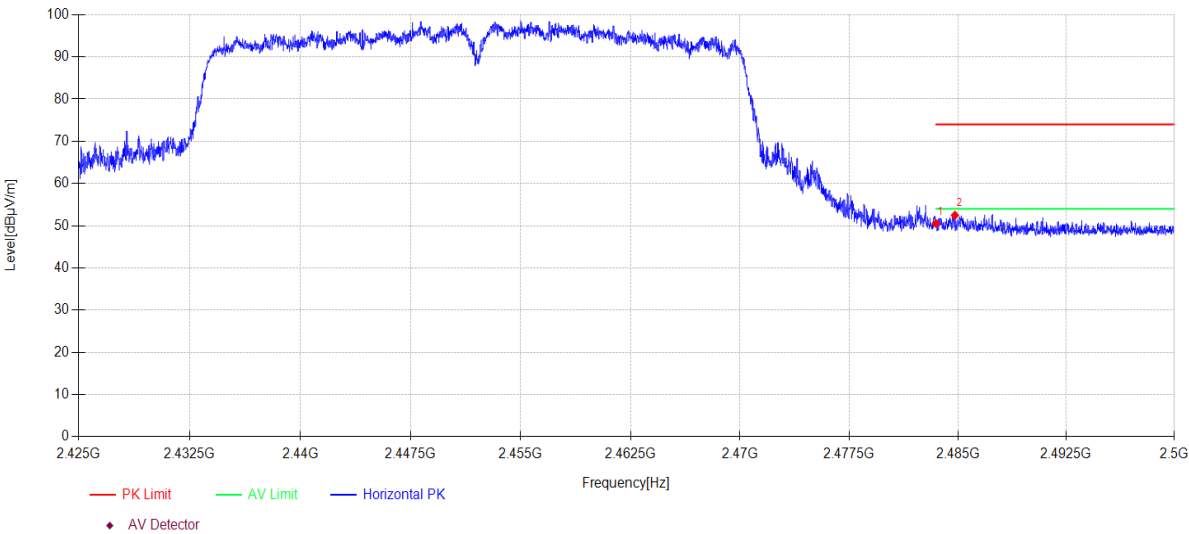
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:13

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2483.500	19.06	27.53	3.94	0.00	50.53	74.00	23.47	PK	Horizontal
2	2484.805	21.00	27.54	3.94	0.00	52.48	74.00	21.52	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:

2024-04-07

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AC40 TX 2452MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

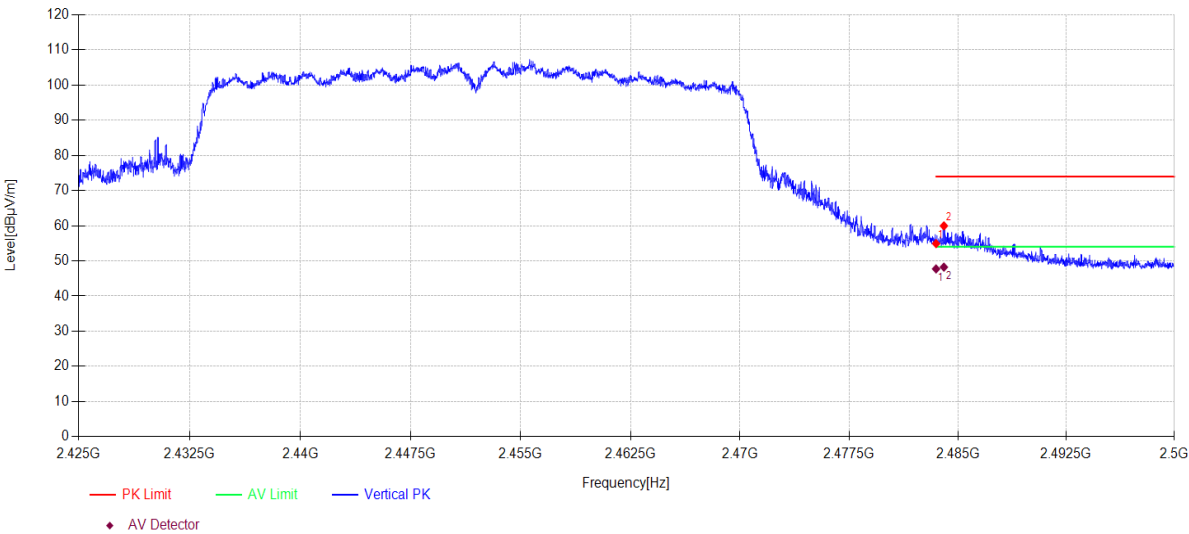
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G\36

Memo:

Sample Number:S24032709-002 Power Setting:13

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	23.44	27.53	3.94	0.00	54.91	74.00	19.09	PK	Vertical
2	2484.040	28.48	27.54	3.94	0.00	59.96	74.00	14.04	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	16.25	27.53	3.94	0.00	47.72	54.0	6.28	AV	Vertical
2	2484.040	16.75	27.54	3.94	0.00	48.23	54.0	5.77	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:

2024-04-07

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX40 TX 2422MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

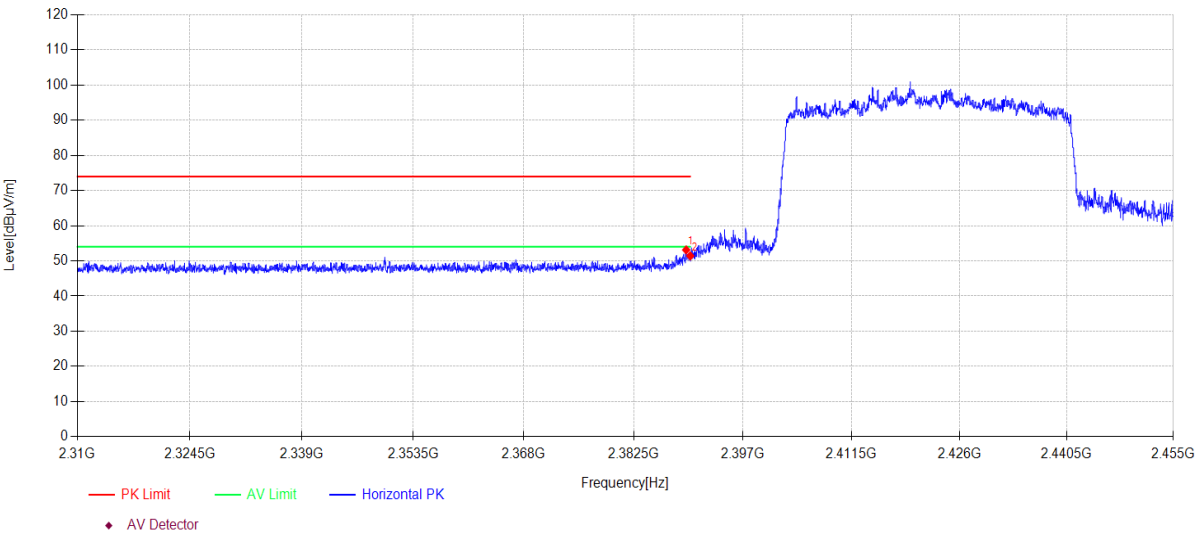
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G\41

Memo:

Sample Number:S24032709-002 Power Setting:13

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2389.460	22.00	27.26	3.87	0.00	53.13	74.00	20.87	PK	Horizontal
2	2390.000	20.30	27.26	3.87	0.00	51.43	74.00	22.57	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:

2024-04-07

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX40 TX 2422MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

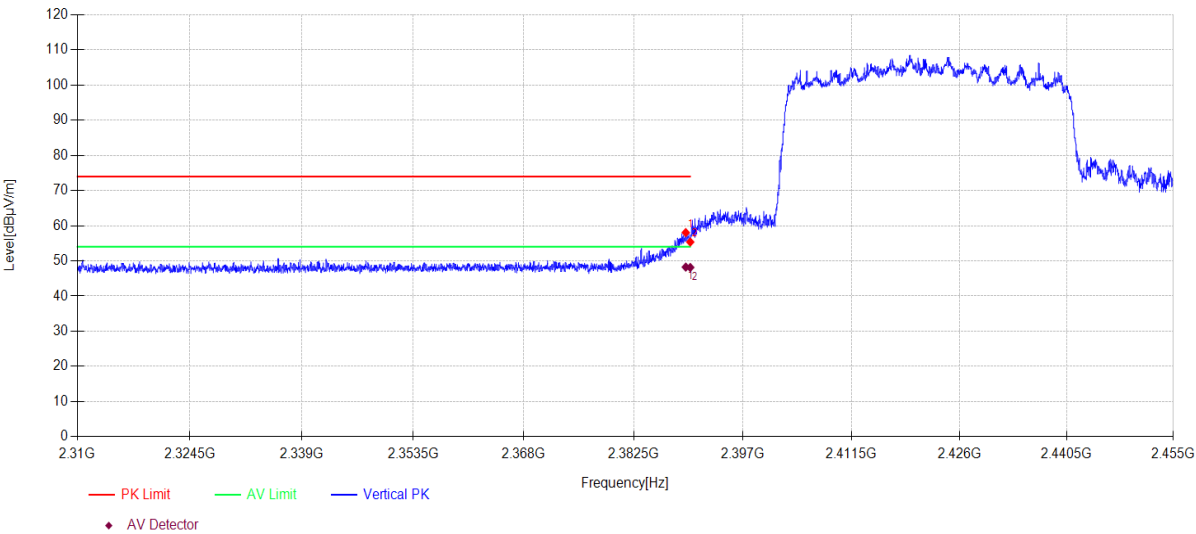
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G\42

Memo:

Sample Number:S24032709-002 Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2389.402	26.92	27.26	3.87	0.00	58.05	74.00	15.95	PK	Vertical
2	2390.000	24.24	27.26	3.87	0.00	55.37	74.00	18.63	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2389.402	17.12	27.26	3.87	0.00	48.25	54.0	5.75	AV	Vertical
2	2390.000	17.01	27.26	3.87	0.00	48.14	54.0	5.86	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:

2024-04-07

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX40 TX 2452MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

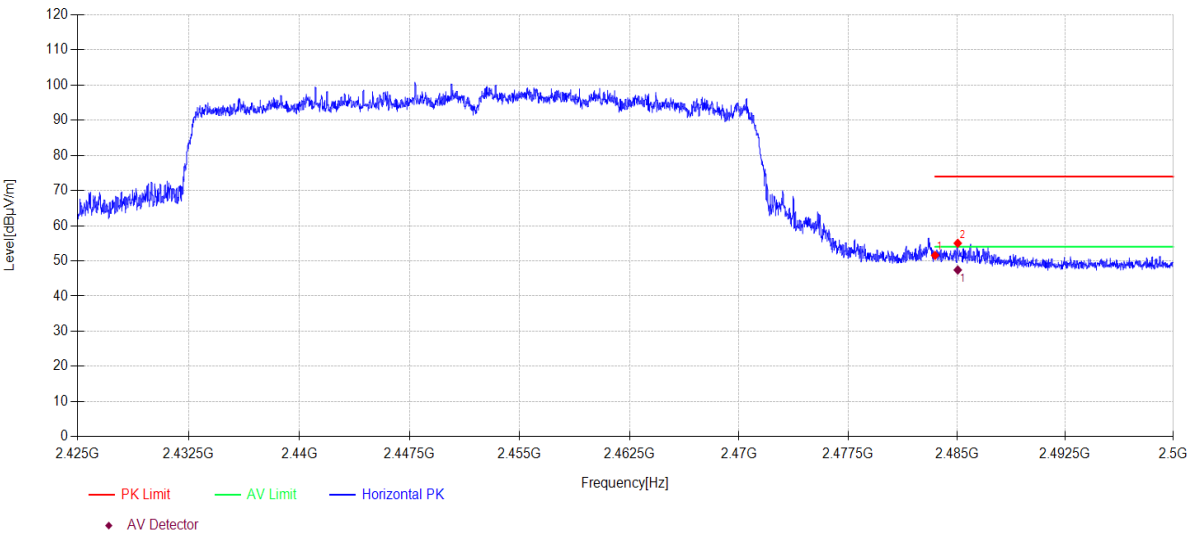
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	20.10	27.53	3.94	0.00	51.57	74.00	22.43	PK	Horizontal
2	2485.068	23.53	27.54	3.94	0.00	55.01	74.00	18.99	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2485.068	15.93	27.54	3.94	0.00	47.41	54.0	6.59	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:

2024-04-07

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX40 TX 2452MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

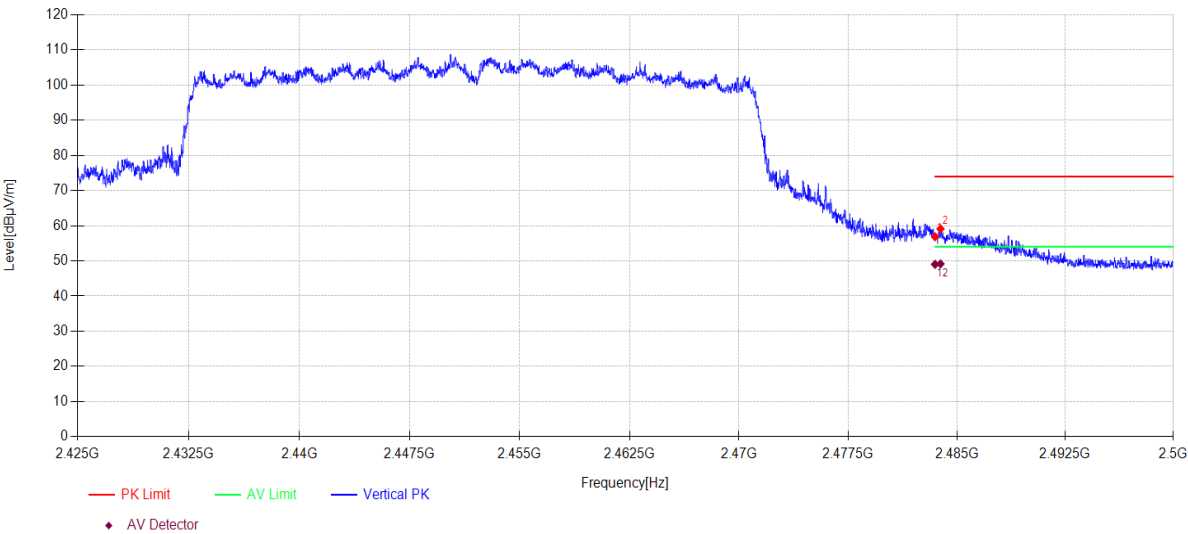
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G\40

Memo:

Sample Number:S24032709-002 Power Setting:13

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	25.40	27.53	3.94	0.00	56.87	74.00	17.13	PK	Vertical
2	2483.875	27.63	27.54	3.94	0.00	59.11	74.00	14.89	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	17.56	27.53	3.94	0.00	49.03	54.0	4.97	AV	Vertical
2	2483.875	17.68	27.54	3.94	0.00	49.16	54.0	4.84	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:

2024-04-07

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40 TX 2422MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

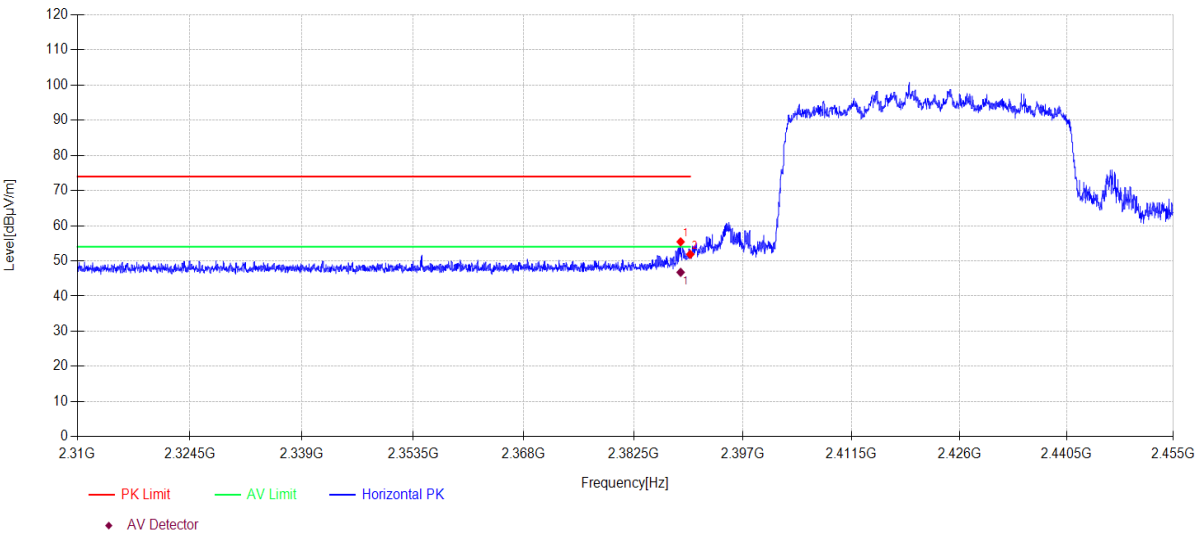
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G\43

Memo:

Sample Number:S24032709-002 Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2388.721	24.30	27.25	3.87	0.00	55.42	74.00	18.58	PK	Horizontal
2	2390.000	20.73	27.26	3.87	0.00	51.86	74.00	22.14	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2388.721	15.63	27.25	3.87	0.00	46.75	54.0	7.25	AV	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:

2024-04-07

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40 TX 2422MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

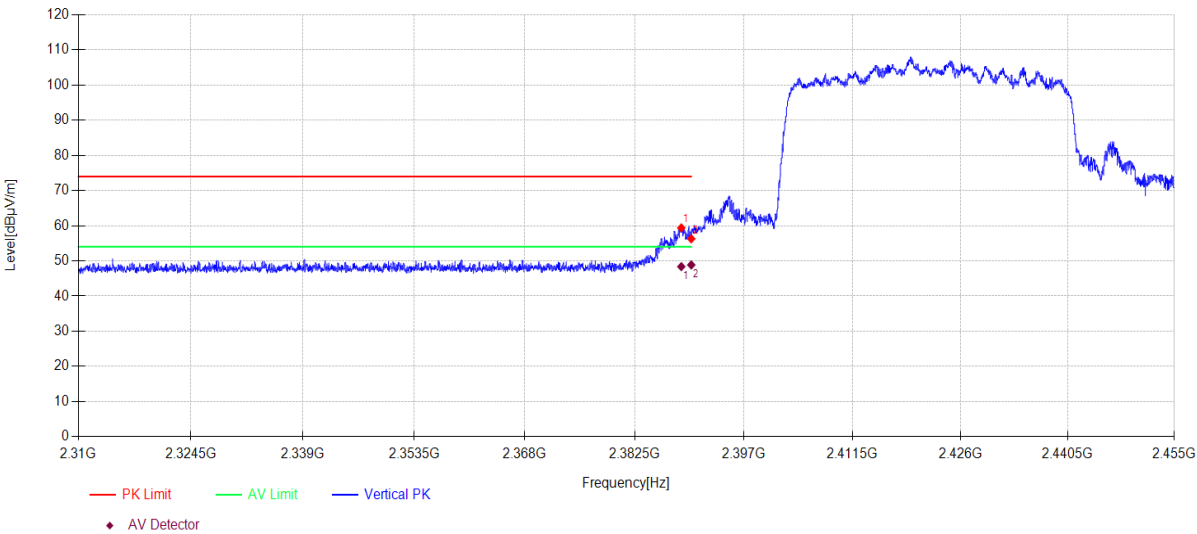
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2388.677	28.28	27.25	3.87	0.00	59.40	74.00	14.60	PK	Vertical
2	2390.000	25.15	27.26	3.87	0.00	56.28	74.00	17.72	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2388.677	17.26	27.25	3.87	0.00	48.38	54.0	5.62	AV	Vertical
2	2390.000	17.72	27.26	3.87	0.00	48.85	54.0	5.15	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:

2024-04-07

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40 TX 2452MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

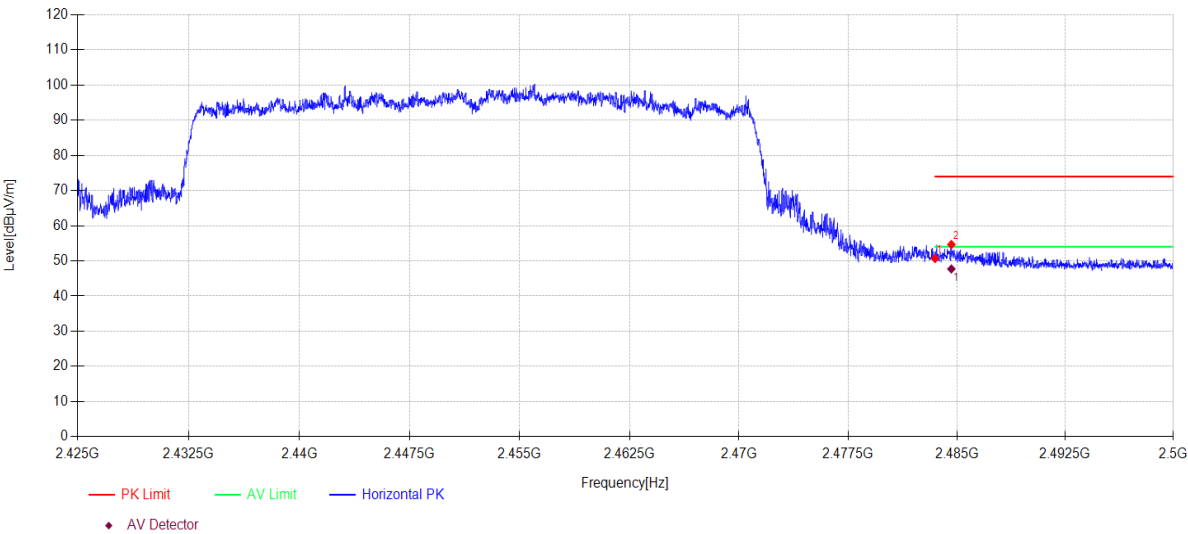
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:13

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	19.21	27.53	3.94	0.00	50.68	74.00	23.32	PK	Horizontal
2	2484.625	23.19	27.54	3.94	0.00	54.67	74.00	19.33	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2484.625	16.23	27.54	3.94	0.00	47.71	54.0	6.29	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:

2024-04-07

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40 TX 2452MHz ANT1+2

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

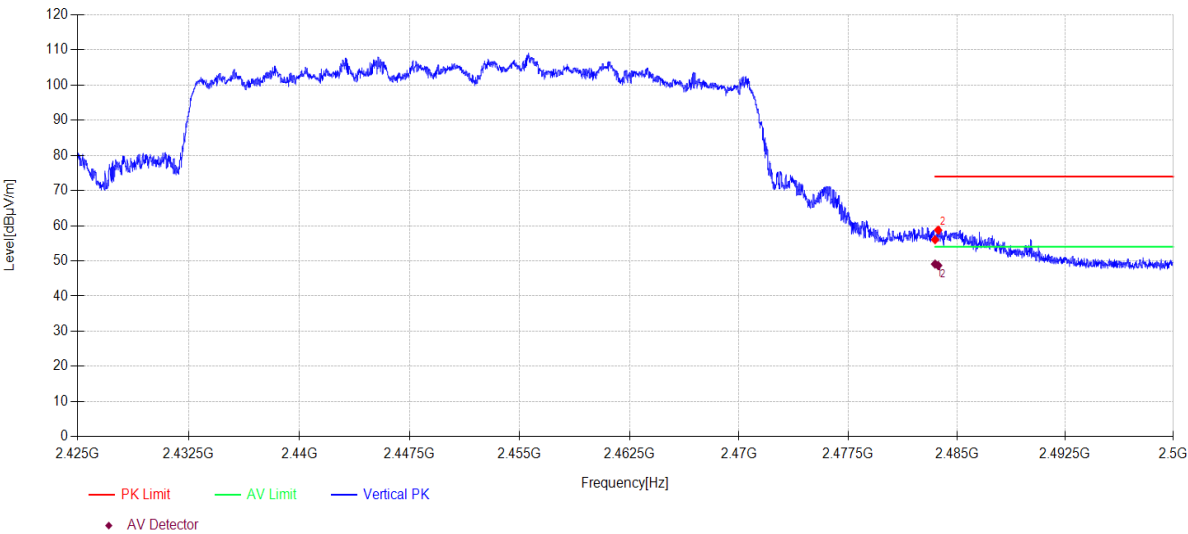
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G\46

Memo:

Sample Number:S24032709-002 Power Setting:13

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	24.55	27.53	3.94	0.00	56.02	74.00	17.98	PK	Vertical
2	2483.710	27.29	27.53	3.94	0.00	58.76	74.00	15.24	PK	Vertical

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	17.63	27.53	3.94	0.00	49.10	54.0	4.90	AV	Vertical
2	2483.710	17.23	27.53	3.94	0.00	48.70	54.0	5.30	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:

2024-04-13

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20MIMO 2412MHz
TX 52+26-tone MRU1

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

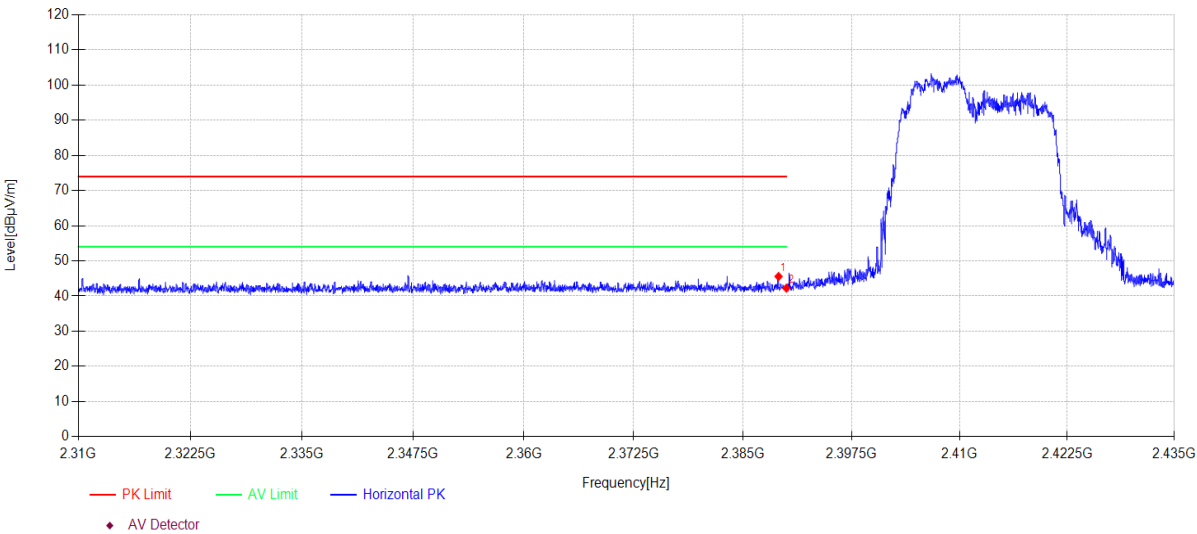
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:16

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2389.100	14.45	27.26	3.87	0.00	45.58	74.00	28.42	PK	Horizontal
2	2390.000	11.13	27.26	3.87	0.00	42.26	74.00	31.74	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:

2024-04-13

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20MIMO 2412MHz
TX 52+26-tone MRU1

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

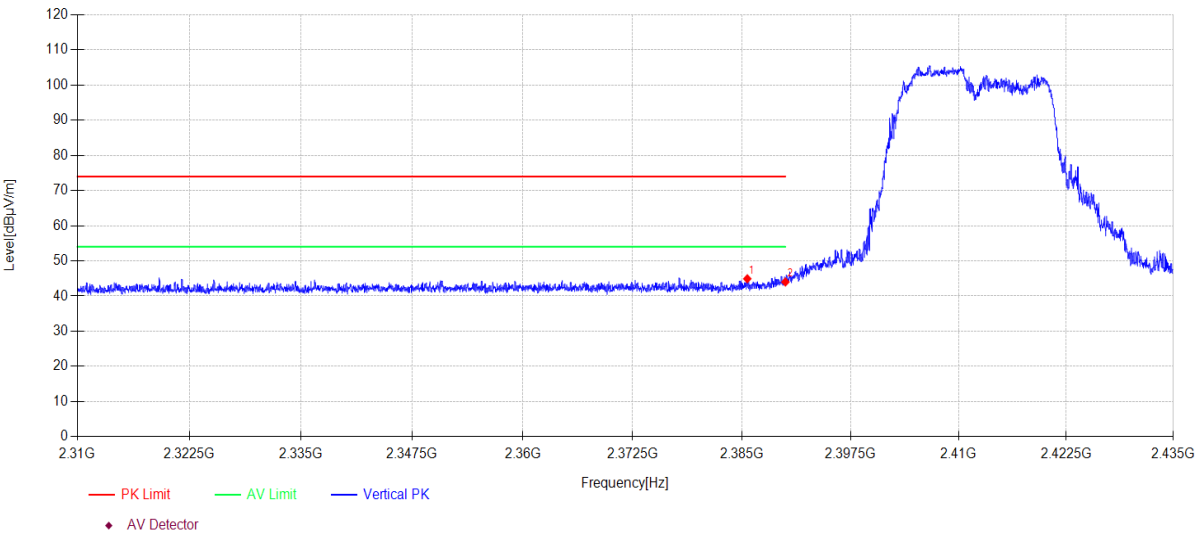
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:16

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2385.625	13.82	27.24	3.86	0.00	44.92	74.00	29.08	PK	Vertical
2	2390.000	12.88	27.26	3.87	0.00	44.01	74.00	29.99	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-13

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20MIMO 2462MHz
TX 52+26-tone MRU3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

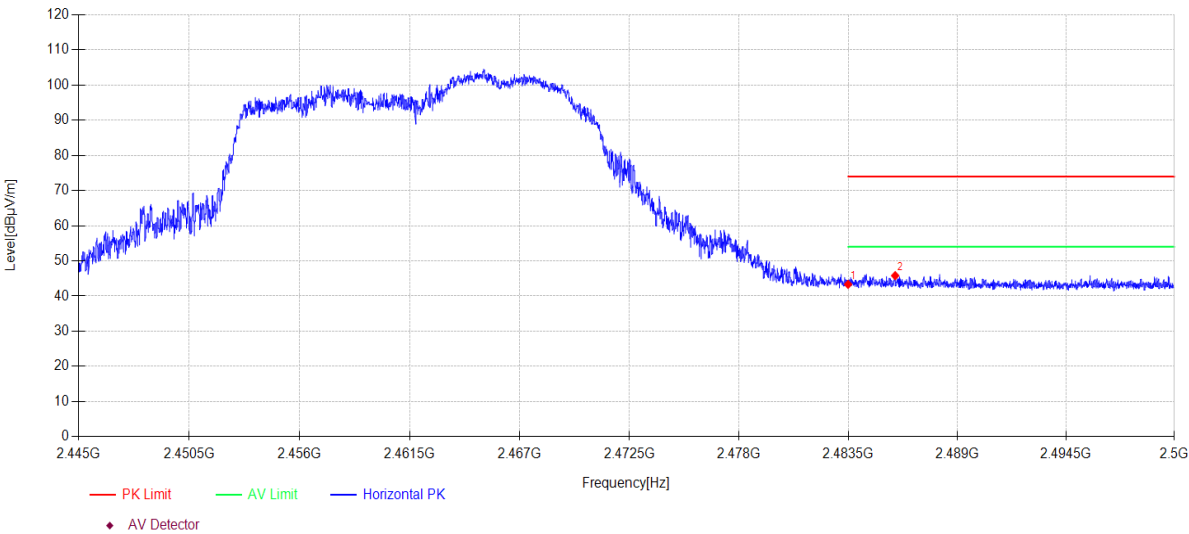
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G\61

Memo:

Sample Number:S24032709-002 Power Setting:16

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	11.86	27.53	3.94	0.00	43.33	74.00	30.67	PK	Horizontal
2	2485.876	14.32	27.54	3.94	0.00	45.80	74.00	28.20	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:

2024-04-13

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20MIMO 2462MHz
TX 52+26-tone MRU3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

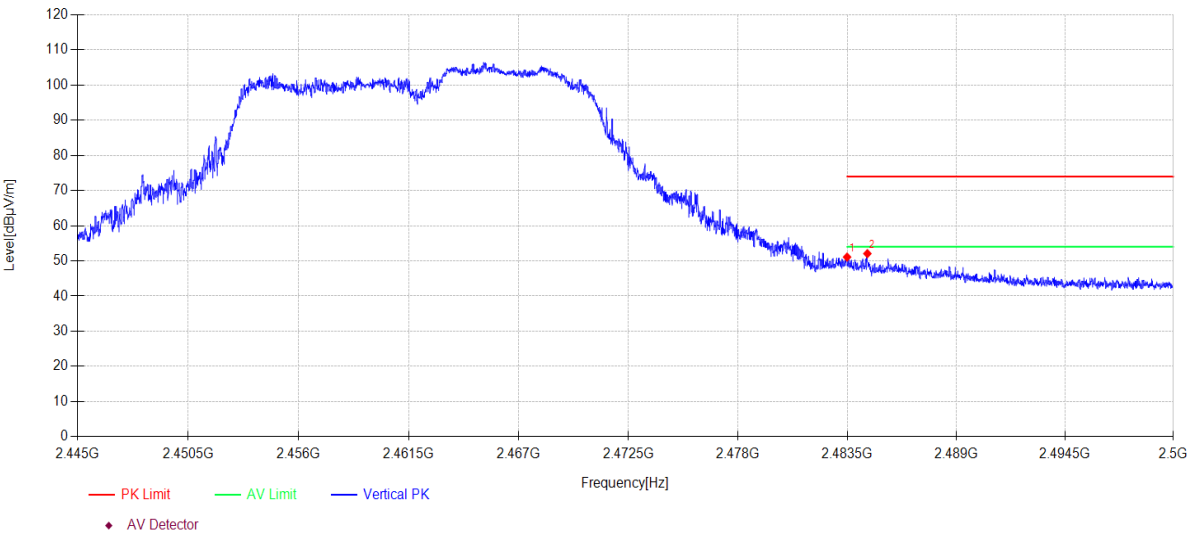
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:16

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	19.62	27.53	3.94	0.00	51.09	74.00	22.91	PK	Vertical
2	2484.523	20.59	27.54	3.94	0.00	52.07	74.00	21.93	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-13

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40MIMO 2422MHz
TX 106+26-tone MRU1

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

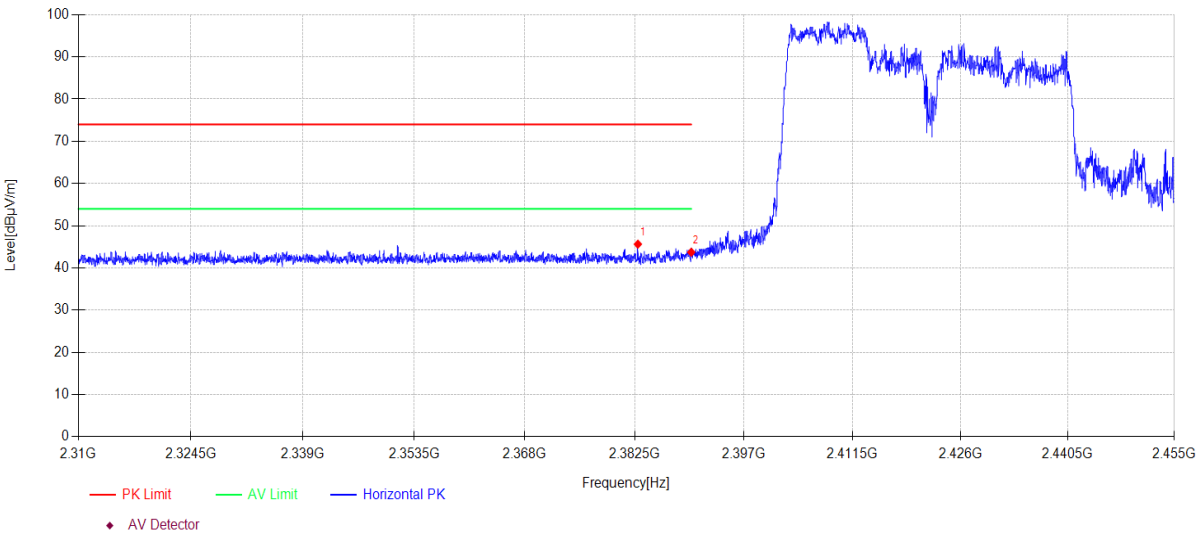
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:14

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2382.921	14.54	27.23	3.86	0.00	45.63	74.00	28.37	PK	Horizontal
2	2390.000	12.59	27.26	3.87	0.00	43.72	74.00	30.28	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:

2024-04-13

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40MIMO 2422MHz
TX 106+26-tone MRU1

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

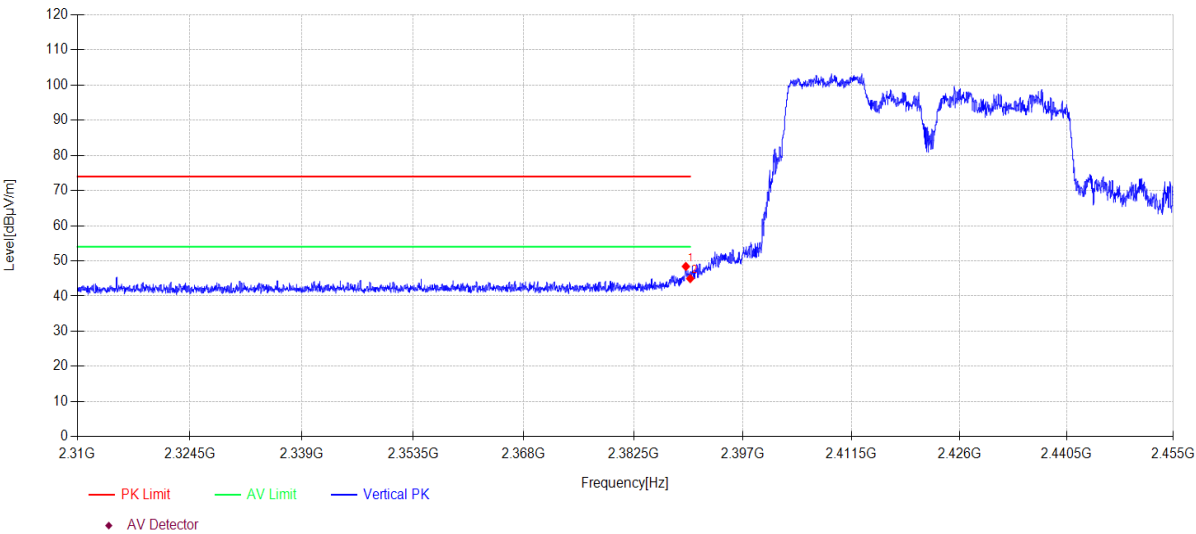
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:14

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2389.417	17.29	27.26	3.87	0.00	48.42	74.00	25.58	PK	Vertical
2	2390.000	13.84	27.26	3.87	0.00	44.97	74.00	29.03	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-13

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40MIMO 2452MHz
TX 106+26-tone MRU4

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

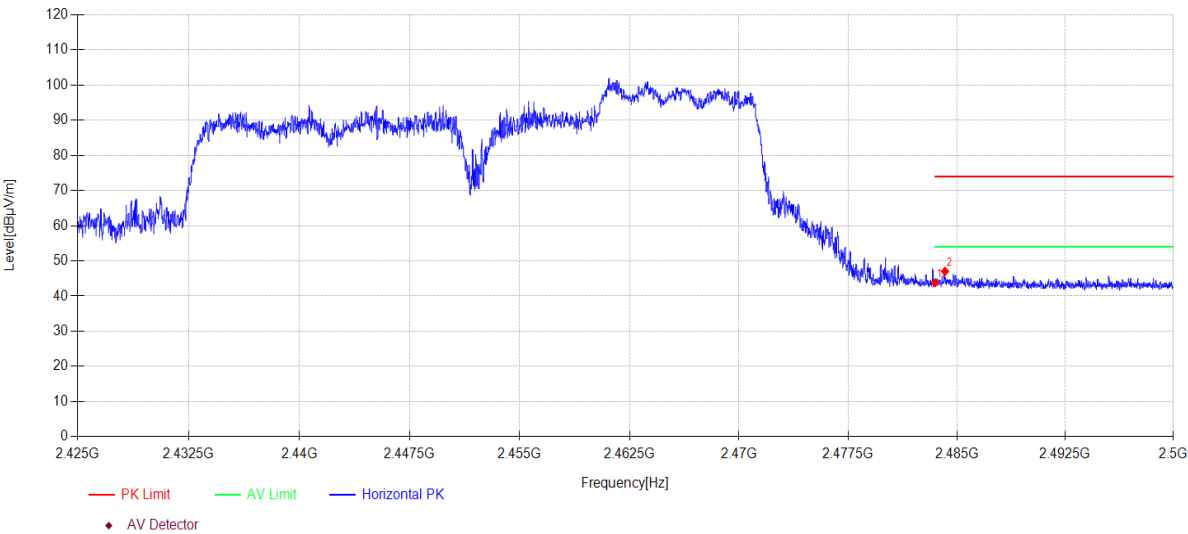
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:14

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	12.31	27.53	3.94	0.00	43.78	74.00	30.22	PK	Horizontal
2	2484.190	15.55	27.54	3.94	0.00	47.03	74.00	26.97	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:

2024-04-13

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40MIMO 2452MHz
TX 106+26-tone MRU4

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

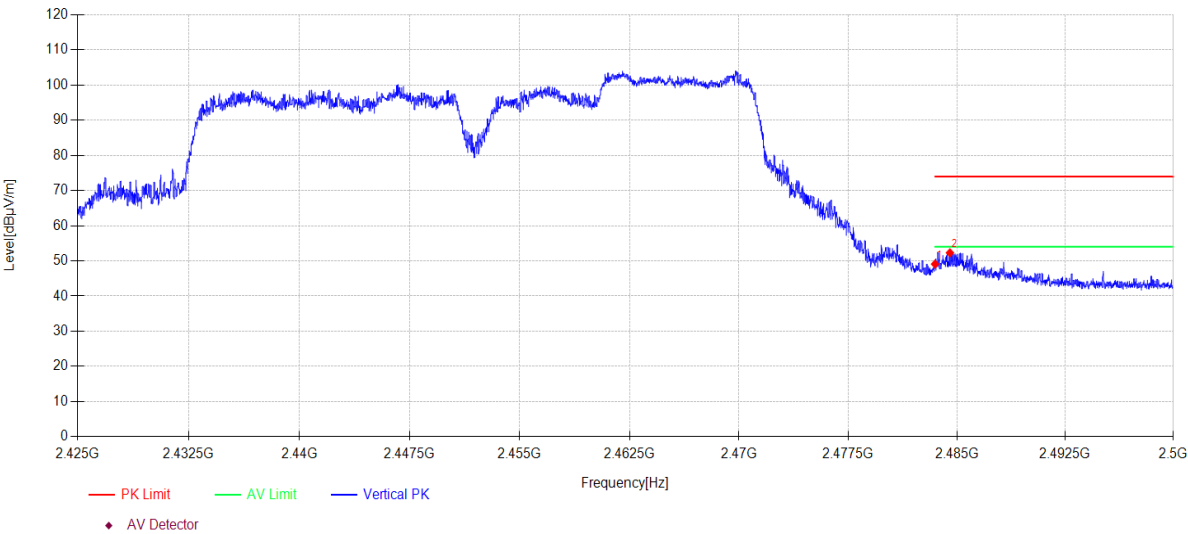
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:14

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2483.500	17.62	27.53	3.94	0.00	49.09	74.00	24.91	PK	Vertical
2	2484.528	20.82	27.54	3.94	0.00	52.30	74.00	21.70	PK	Vertical

Note:

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

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

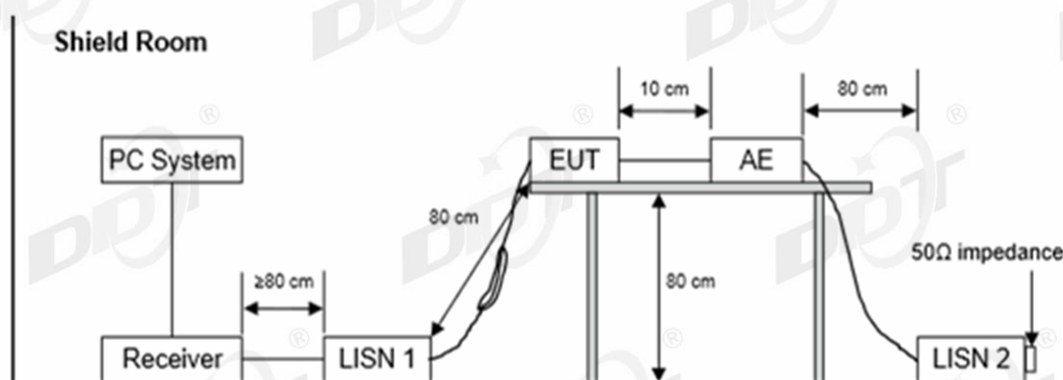
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14.Power Line Conducted Emissions

14.1. Test equipment

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

14.2. Block diagram of test setup



14.3. Limits

Frequency	Quasi-Peak Level dB(mV)	Average Level dB(mV)
150 kHz~500 kHz	66 ~ 56*	56 ~ 46*
500 kHz~5 MHz	56	46
5 MHz~30 MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

14.4. Assistant equipment used for test

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

14.5. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

14.6. Test result

PASS. (See below detailed test result)

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

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

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

14.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 6# Shield Room

Test Date

: 2024-04-11

EUT

: Wireless Access Point

Power Supply

: AC 120V/60Hz (Power By Adapter)

Condition

: Temp:21.5°C,Humi:55.8%

Memo

: Sample Number:S24032709-002

D:\2024 Report Date\Q24032709-1E\0411 CE.EM6

Tested By

: Antony Zeng

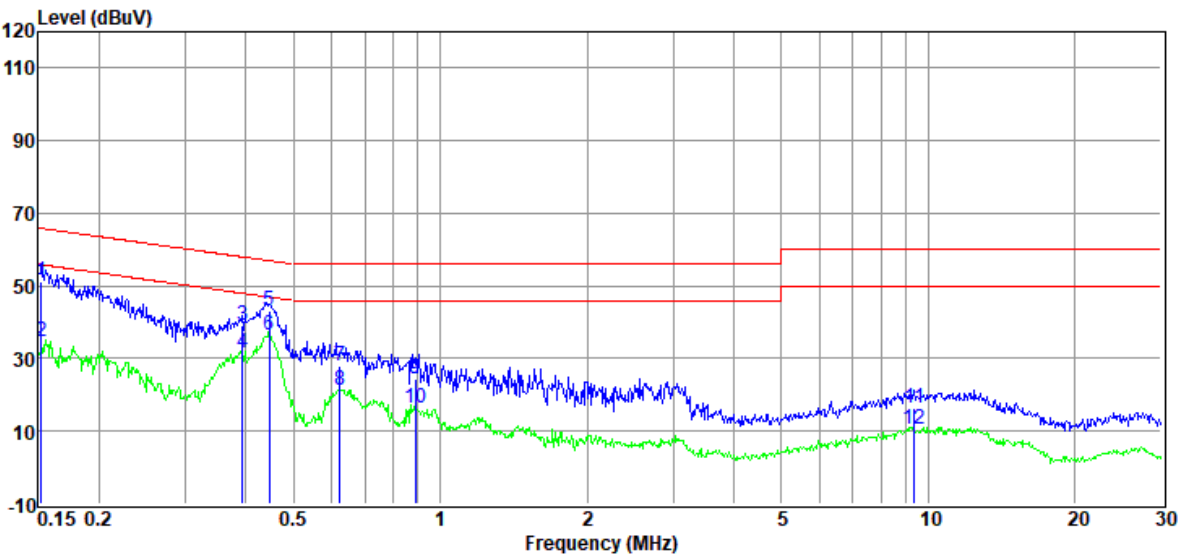
Model Number

: RG-RAP73Pro

Test Mode

: 2.4G mode

LISN

: 2023 ENV 216 3#/LINE

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	31.38	9.85	0.10	9.94	51.27	65.87	-14.60	QP	LINE
2	0.15	14.61	9.85	0.10	9.94	34.50	55.87	-21.37	Average	LINE
3	0.39	19.29	9.97	0.13	9.95	39.34	57.99	-18.65	QP	LINE
4	0.39	11.47	9.97	0.13	9.95	31.52	47.99	-16.47	Average	LINE
5	0.45	23.39	9.81	0.13	9.96	43.29	56.93	-13.64	QP	LINE
6	0.45	16.34	9.81	0.13	9.96	36.24	46.93	-10.69	Average	LINE
7	0.62	8.32	9.68	0.14	9.96	28.10	56.00	-27.90	QP	LINE
8	0.62	1.36	9.68	0.14	9.96	21.14	46.00	-24.86	Average	LINE
9	0.89	4.31	9.72	0.21	9.97	24.21	56.00	-31.79	QP	LINE
10	0.89	-3.75	9.72	0.21	9.97	16.15	46.00	-29.85	Average	LINE
11	9.35	-3.78	9.60	0.28	10.04	16.14	60.00	-43.86	QP	LINE
12	9.35	-9.54	9.60	0.28	10.04	10.38	50.00	-39.62	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

Test Date

: 2024-04-11

EUT

: Wireless Access Point

Power Supply

: AC 120V/60Hz (Power By Adapter)

Condition

: Temp:21.5°C,Humi:55.8%

D:\2024 Report Date\Q24032709-1E\0411 CE.EM6

Tested By

: Antony Zeng

Model Number

: RG-RAP73Pro

Test Mode

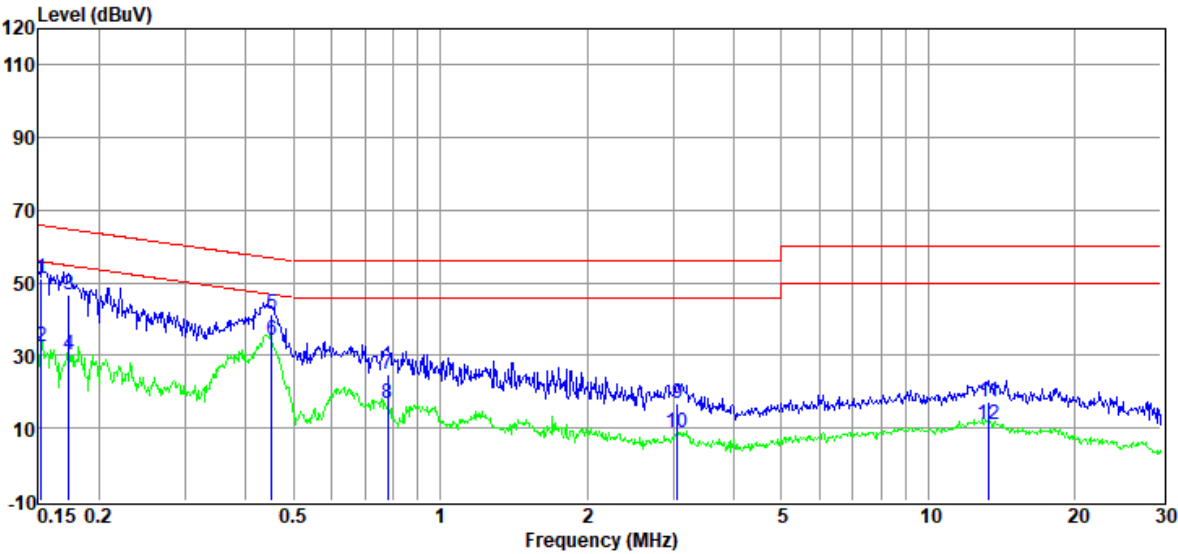
: 2.4G mode

LISN

: 2023 ENV 216 3#/NEUTRAL

Memo

: Sample Number:S24032709-002



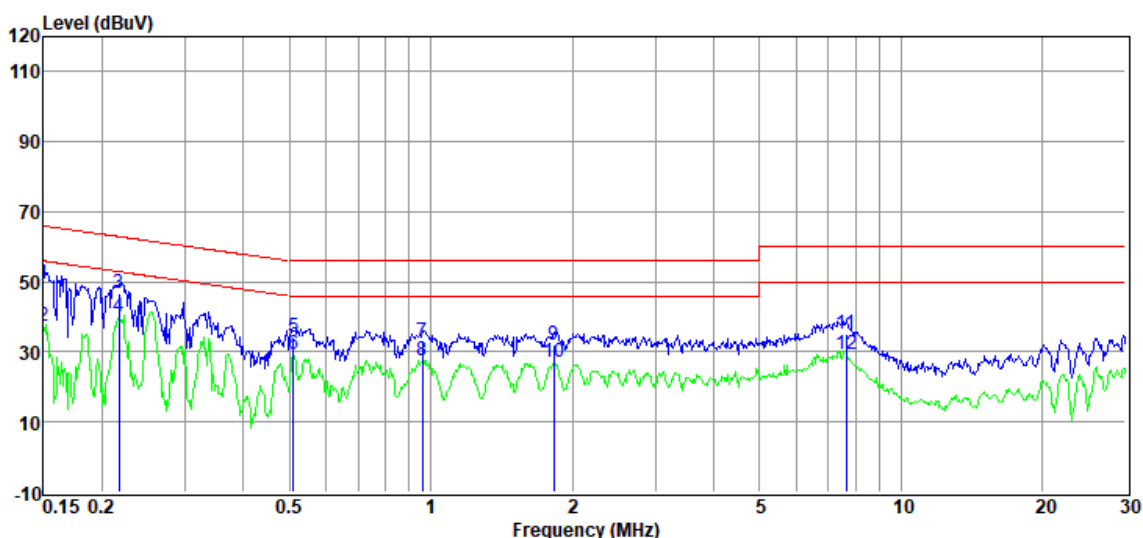
Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	31.16	9.80	0.10	9.94	51.00	65.87	-14.87	QP	NEUTRAL
2	0.15	12.80	9.80	0.10	9.94	32.64	55.87	-23.23	Average	NEUTRAL
3	0.17	27.08	9.78	0.11	9.94	46.91	64.81	-17.90	QP	NEUTRAL
4	0.17	10.34	9.78	0.11	9.94	30.17	54.81	-24.64	Average	NEUTRAL
5	0.45	21.61	9.89	0.13	9.96	41.59	56.85	-15.26	QP	NEUTRAL
6	0.45	14.06	9.89	0.13	9.96	34.04	46.85	-12.81	Average	NEUTRAL
7	0.78	4.83	9.91	0.17	9.97	24.88	56.00	-31.12	QP	NEUTRAL
8	0.78	-3.06	9.91	0.17	9.97	16.99	46.00	-29.01	Average	NEUTRAL
9	3.06	-2.97	9.65	0.26	10.00	16.94	56.00	-39.06	QP	NEUTRAL
10	3.06	-11.06	9.65	0.26	10.00	8.85	46.00	-37.15	Average	NEUTRAL
11	13.34	-2.81	9.86	0.30	10.06	17.41	60.00	-42.59	QP	NEUTRAL
12	13.34	-9.10	9.86	0.30	10.06	11.12	50.00	-38.88	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\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** : 2.4G 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	0.15	29.55	9.81	0.10	9.94	49.40	66.00	-16.60	QP	NEUTRAL
2	0.15	17.52	9.81	0.10	9.94	37.37	56.00	-18.63	Average	NEUTRAL
3	0.22	26.74	9.90	0.11	9.94	46.69	62.92	-16.23	QP	NEUTRAL
4	0.22	19.94	9.90	0.11	9.94	39.89	52.92	-13.03	Average	NEUTRAL
5	0.51	14.27	9.80	0.13	9.96	34.16	56.00	-21.84	QP	NEUTRAL
6	0.51	9.64	9.80	0.13	9.96	29.53	46.00	-16.47	Average	NEUTRAL
7	0.96	12.86	9.85	0.24	9.97	32.92	56.00	-23.08	QP	NEUTRAL
8	0.96	7.54	9.85	0.24	9.97	27.60	46.00	-18.40	Average	NEUTRAL
9	1.83	11.66	10.00	0.26	9.99	31.91	56.00	-24.09	QP	NEUTRAL
10	1.83	6.73	10.00	0.26	9.99	26.98	46.00	-19.02	Average	NEUTRAL
11	7.65	14.97	9.77	0.28	10.03	35.05	60.00	-24.95	QP	NEUTRAL
12	7.65	9.35	9.77	0.28	10.03	29.43	50.00	-20.57	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

Test Date

: 2024-06-14

EUT

: Wireless Access Point

Power Supply

: AC 120V/60Hz(Power by POE)

Condition

: Temp:21.9°C,Humi:56.2%

Memo

: Sample Number:S24032709-002

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

Tested By

: Antony Zeng

Model Number

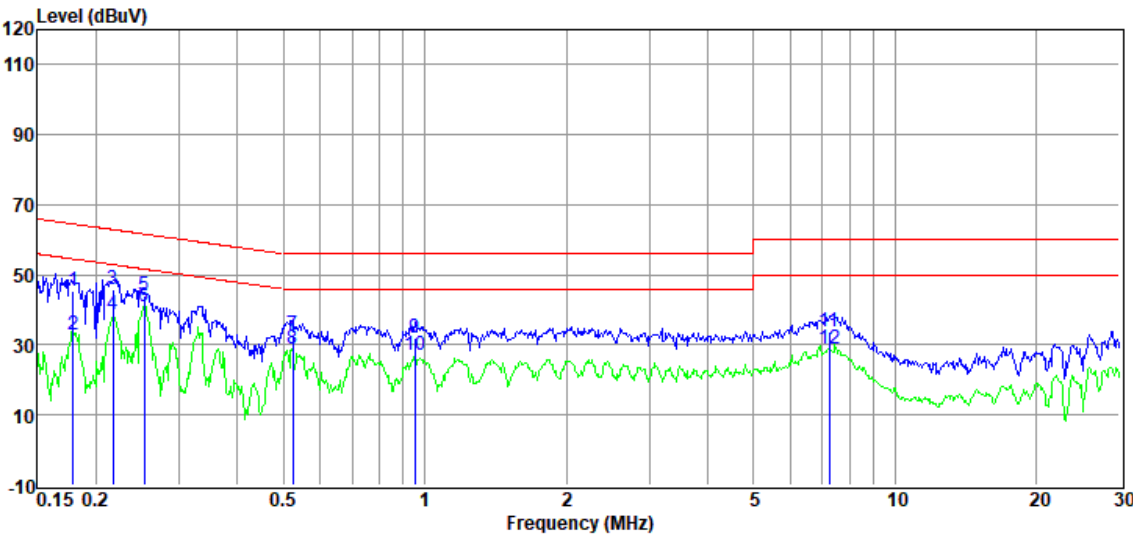
: RG-RAP73Pro

Test Mode

: 2.4G mode

LISN

: 2023 ENV 216 3#/LINE



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	0.18	25.90	9.62	0.11	9.94	45.57	64.55	-18.98	QP	LINE
2	0.18	13.36	9.62	0.11	9.94	33.03	54.55	-21.52	Average	LINE
3	0.22	25.98	9.80	0.11	9.94	45.83	62.92	-17.09	QP	LINE
4	0.22	19.03	9.80	0.11	9.94	38.88	52.92	-14.04	Average	LINE
5	0.25	24.12	9.71	0.12	9.95	43.90	61.64	-17.74	QP	LINE
6	0.25	20.98	9.71	0.12	9.95	40.76	51.64	-10.88	Average	LINE
7	0.52	13.03	9.64	0.13	9.96	32.76	56.00	-23.24	QP	LINE
8	0.52	9.04	9.64	0.13	9.96	28.77	46.00	-17.23	Average	LINE
9	0.95	11.91	9.69	0.24	9.97	31.81	56.00	-24.19	QP	LINE
10	0.95	7.10	9.69	0.24	9.97	27.00	46.00	-19.00	Average	LINE
11	7.25	13.76	9.71	0.28	10.03	33.78	60.00	-26.22	QP	LINE
12	7.25	9.02	9.71	0.28	10.03	29.04	50.00	-20.96	Average	LINE

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

16. Photos of the EUT

Please refer to DDT-Q24032709-2E appendix I

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