

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:

11AX20 TX 7115MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

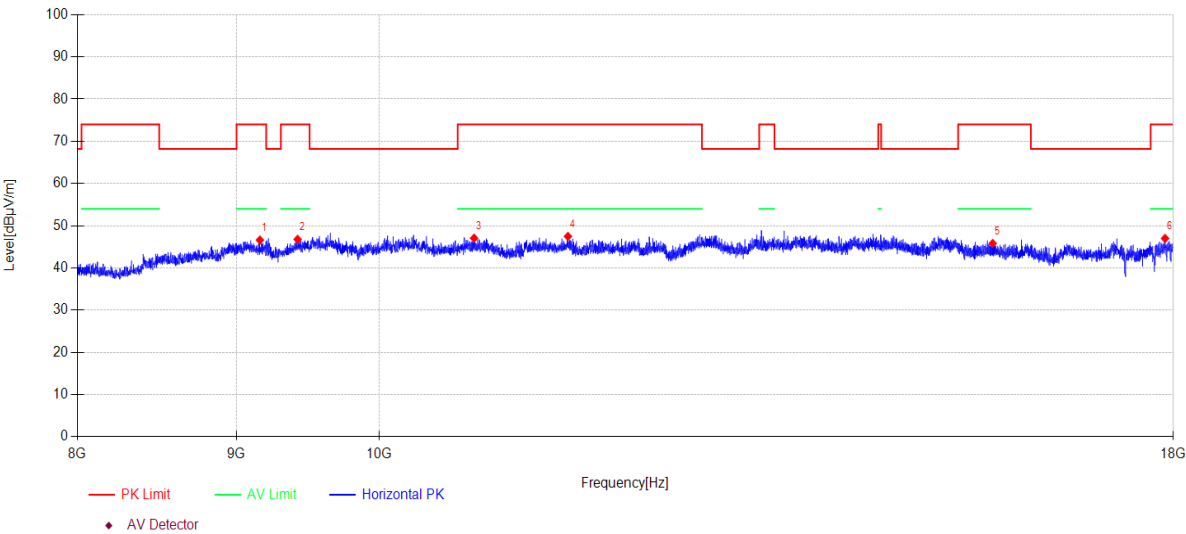
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	9157.000	41.49	38.51	5.39	-38.78	46.61	74.00	27.39	PK	Horizontal
2	9416.000	41.35	38.70	5.49	-38.76	46.78	74.00	27.22	PK	Horizontal
3	10729.000	40.80	39.40	5.85	-38.99	47.06	74.00	26.94	PK	Horizontal
4	11501.000	41.59	39.20	6.01	-39.33	47.47	74.00	26.53	PK	Horizontal
5	15748.000	38.62	38.40	8.00	-39.21	45.81	74.00	28.19	PK	Horizontal
6	17890.000	38.11	41.79	9.24	-42.15	46.99	74.00	27.01	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:

11AX20 TX 7115MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

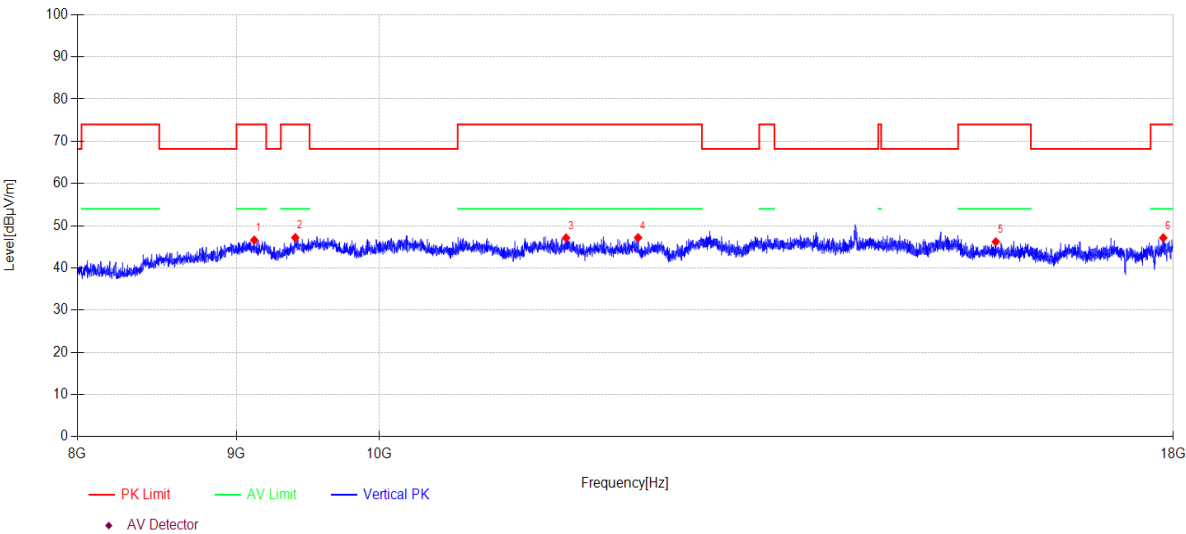
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	9119.000	41.50	38.50	5.38	-38.78	46.60	74.00	27.40	PK	Vertical
2	9400.000	41.76	38.70	5.48	-38.76	47.18	74.00	26.82	PK	Vertical
3	11485.000	41.20	39.22	6.01	-39.32	47.11	74.00	26.89	PK	Vertical
4	12114.000	41.29	39.30	6.18	-39.60	47.17	74.00	26.83	PK	Vertical
5	15784.000	39.07	38.33	8.03	-39.23	46.20	74.00	27.80	PK	Vertical
6	17866.000	38.49	41.53	9.22	-42.10	47.14	74.00	26.86	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5955MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

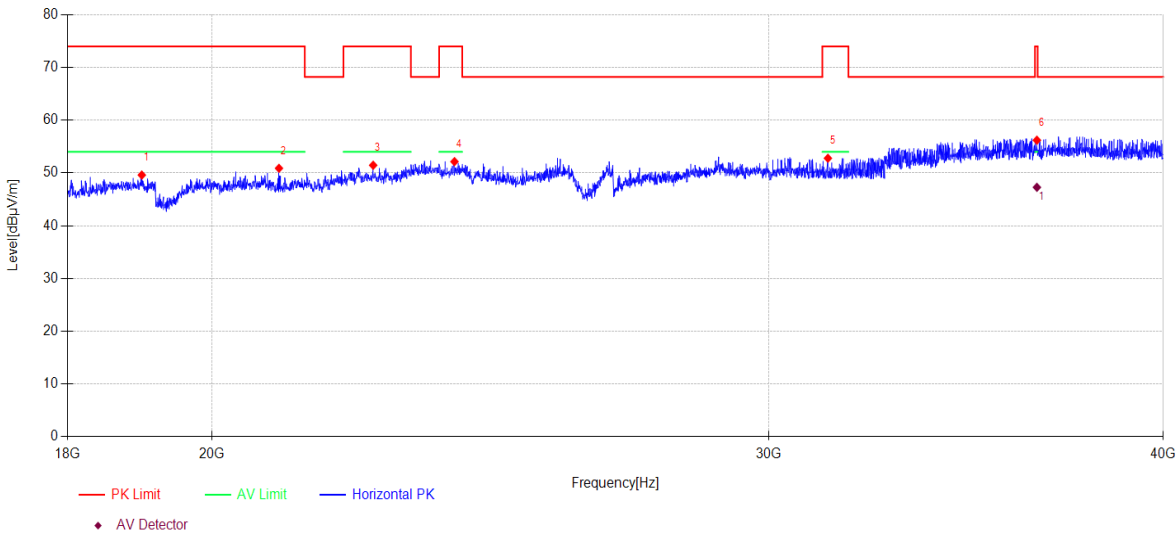
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	19003.200	41.84	38.50	9.77	-40.50	49.61	74.00	24.39	PK	Horizontal
2	21000.800	43.68	38.60	9.91	-41.30	50.89	74.00	23.11	PK	Horizontal
3	22492.400	43.09	39.59	10.88	-42.10	51.46	74.00	22.54	PK	Horizontal
4	23865.200	41.65	40.57	11.38	-41.45	52.15	74.00	21.85	PK	Horizontal
5	31327.600	37.54	41.79	12.53	-39.07	52.79	74.00	21.21	PK	Horizontal
6	36480.000	39.61	43.29	14.47	-41.16	56.21	74.00	17.79	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	36480.000	30.68	43.29	14.47	-41.16	47.28	54.0	6.72	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5955MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

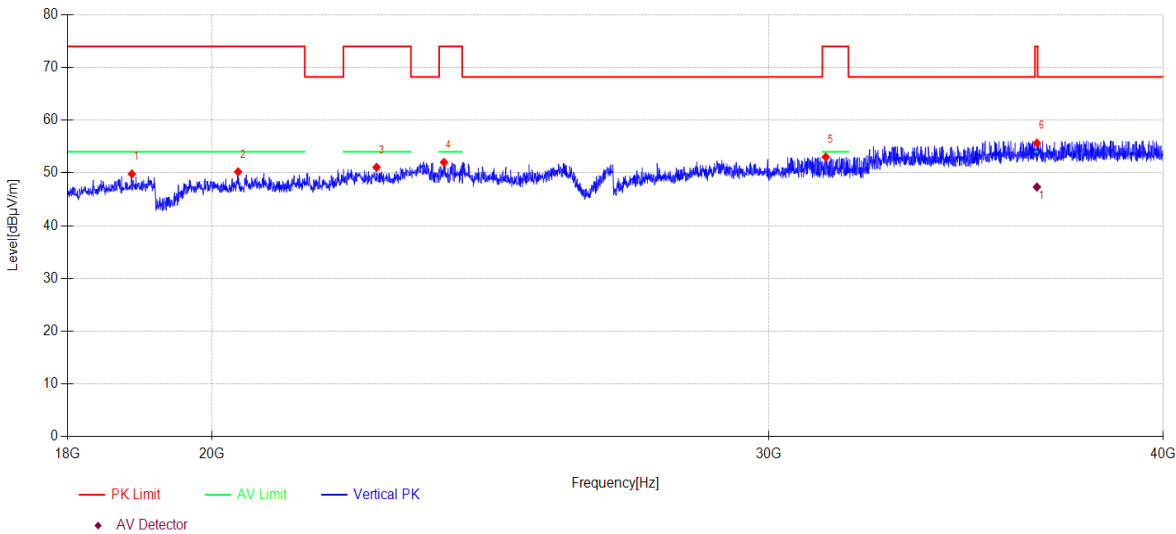
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	18866.800	41.98	38.47	9.70	-40.33	49.82	74.00	24.18	PK	Vertical
2	20384.800	42.97	38.60	9.89	-41.24	50.22	74.00	23.78	PK	Vertical
3	22549.600	42.63	39.68	10.89	-42.13	51.07	74.00	22.93	PK	Vertical
4	23684.800	41.82	40.54	11.30	-41.65	52.01	74.00	21.99	PK	Vertical
5	31279.200	37.85	41.75	12.51	-39.09	53.02	74.00	20.98	PK	Vertical
6	36480.000	39.07	43.29	14.47	-41.16	55.67	74.00	18.33	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	36480.000	30.74	43.29	14.47	-41.16	47.34	54.0	6.66	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6175MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

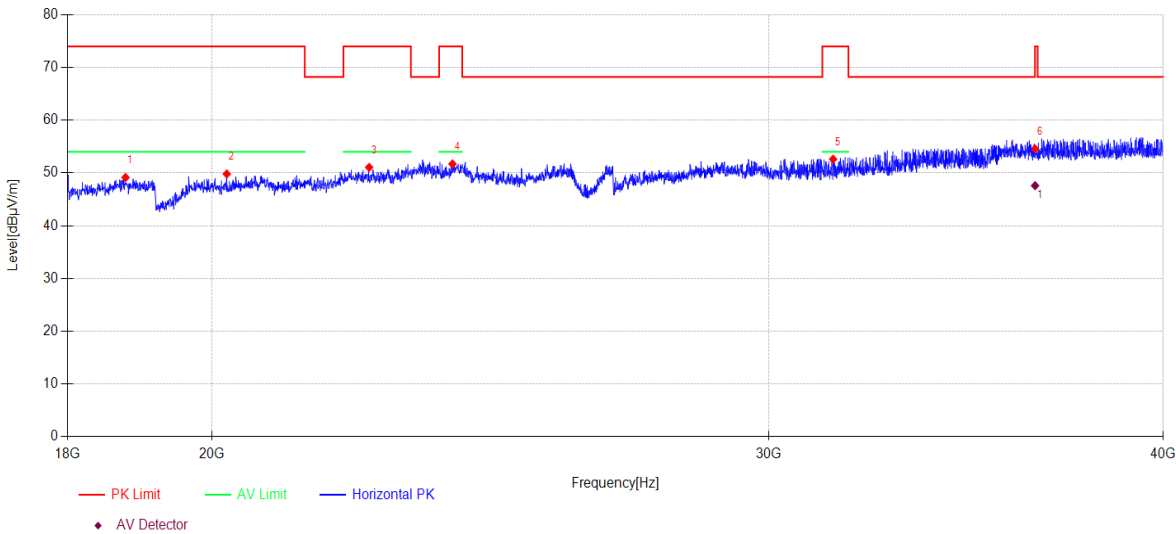
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	18778.800	41.23	38.46	9.66	-40.21	49.14	74.00	24.86	PK	Horizontal
2	20217.600	42.55	38.60	9.88	-41.22	49.81	74.00	24.19	PK	Horizontal
3	22426.400	42.78	39.48	10.86	-42.06	51.06	74.00	22.94	PK	Horizontal
4	23830.000	41.27	40.57	11.37	-41.49	51.72	74.00	22.28	PK	Horizontal
5	31446.400	37.14	41.90	12.59	-39.02	52.61	74.00	21.39	PK	Horizontal
6	36431.600	38.01	43.26	14.46	-41.17	54.56	74.00	19.44	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	36431.600	31.04	43.26	14.46	-41.17	47.59	54.0	6.41	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6175MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

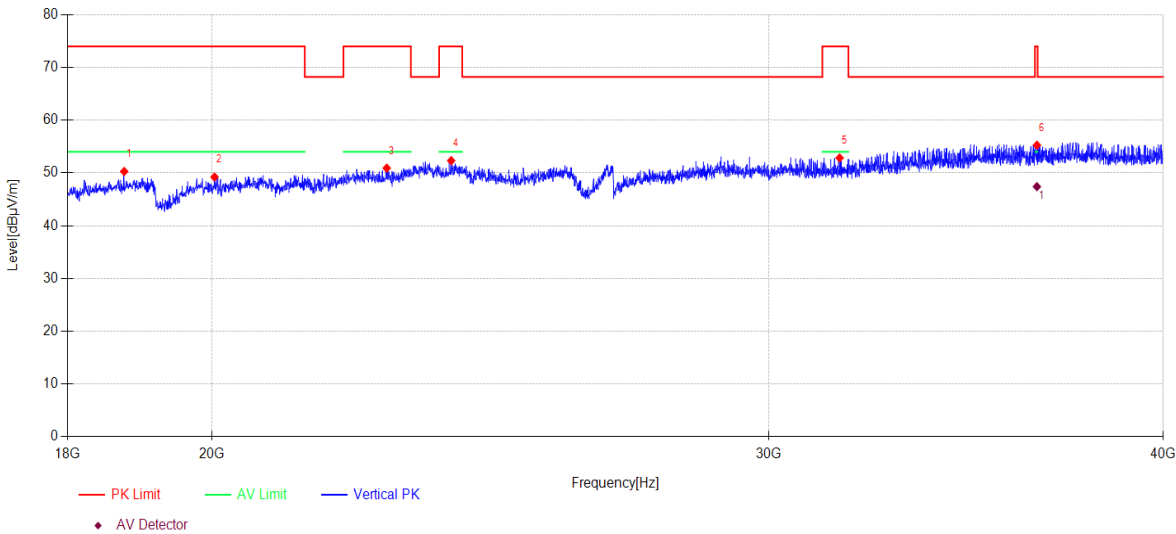
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	18761.200	42.38	38.45	9.65	-40.19	50.29	74.00	23.71	PK	Vertical
2	20037.200	41.97	38.60	9.87	-41.20	49.24	74.00	24.76	PK	Vertical
3	22716.800	42.27	39.95	10.93	-42.23	50.92	74.00	23.08	PK	Vertical
4	23808.000	41.92	40.56	11.36	-41.51	52.33	74.00	21.67	PK	Vertical
5	31596.000	37.13	42.04	12.65	-38.96	52.86	74.00	21.14	PK	Vertical
6	36480.000	38.67	43.29	14.47	-41.16	55.27	74.00	18.73	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	36480.000	30.81	43.29	14.47	-41.16	47.41	54.0	6.59	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:

11AX20 TX 6415MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

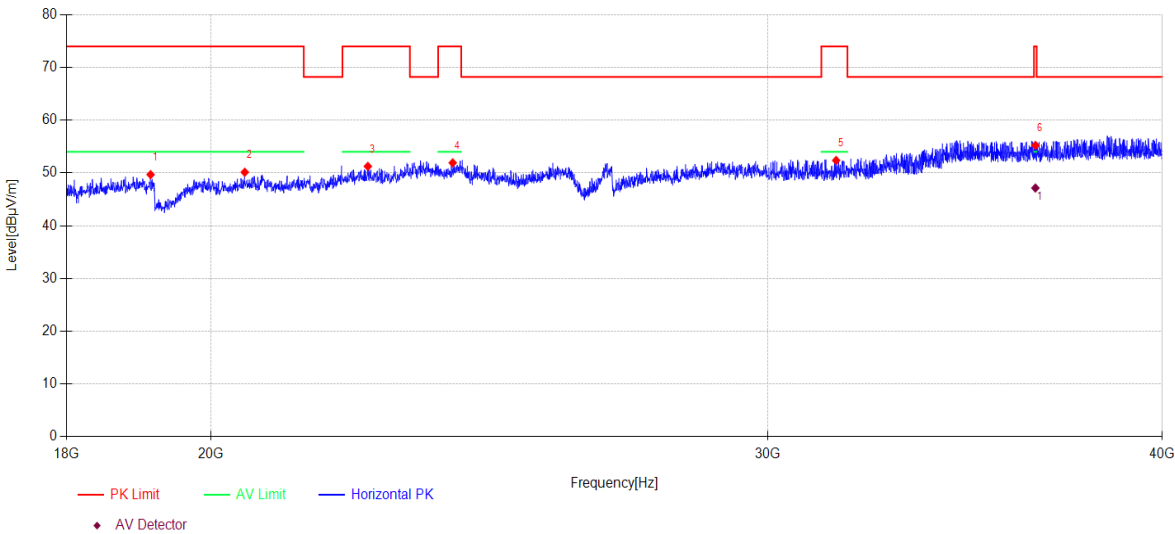
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	19139.600	42.00	38.51	9.78	-40.60	49.69	74.00	24.31	PK	Horizontal
2	20499.200	42.90	38.60	9.89	-41.25	50.14	74.00	23.86	PK	Horizontal
3	22422.000	42.96	39.48	10.86	-42.05	51.25	74.00	22.75	PK	Horizontal
4	23852.000	41.45	40.57	11.37	-41.46	51.93	74.00	22.07	PK	Horizontal
5	31538.800	36.75	41.98	12.63	-38.98	52.38	74.00	21.62	PK	Horizontal
6	36466.800	38.64	43.28	14.47	-41.16	55.23	74.00	18.77	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	36466.800	30.56	43.28	14.47	-41.16	47.15	54.0	6.85	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6415MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

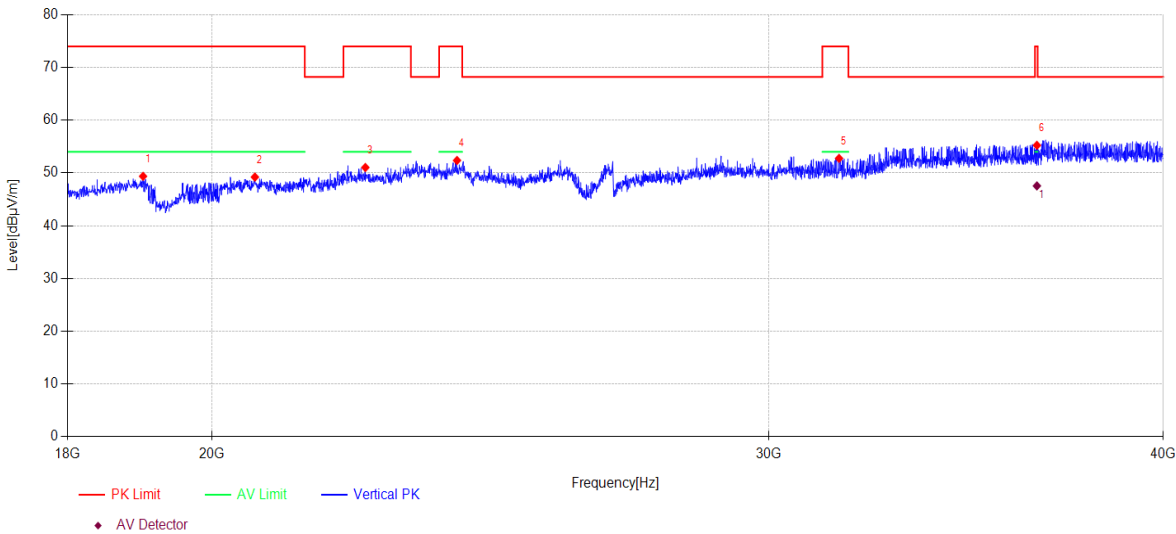
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	19020.800	41.61	38.50	9.77	-40.51	49.37	74.00	24.63	PK	Vertical
2	20635.600	41.98	38.60	9.90	-41.26	49.22	74.00	24.78	PK	Vertical
3	22364.800	42.83	39.38	10.85	-42.02	51.04	74.00	22.96	PK	Vertical
4	23909.200	41.79	40.58	11.40	-41.40	52.37	74.00	21.63	PK	Vertical
5	31582.800	37.07	42.02	12.65	-38.97	52.77	74.00	21.23	PK	Vertical
6	36480.000	38.64	43.29	14.47	-41.16	55.24	74.00	18.76	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	36480.000	30.95	43.29	14.47	-41.16	47.55	54.0	6.45	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:

11AX20 TX 6435MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

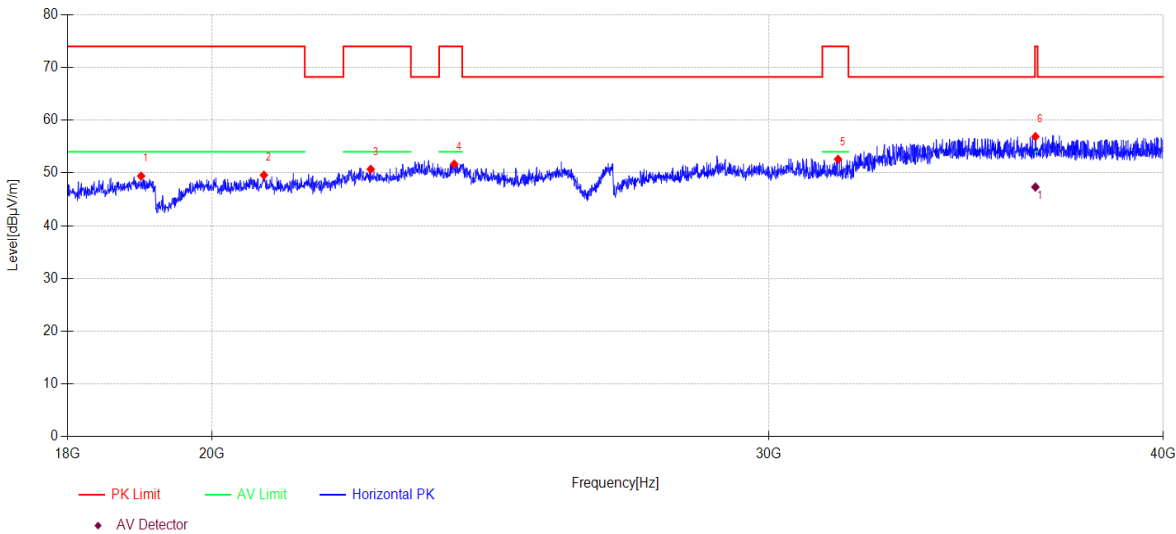
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	18994.400	41.63	38.50	9.77	-40.49	49.41	74.00	24.59	PK	Horizontal
2	20772.000	42.37	38.60	9.90	-41.28	49.59	74.00	24.41	PK	Horizontal
3	22452.800	42.38	39.52	10.87	-42.07	50.70	74.00	23.30	PK	Horizontal
4	23860.800	41.17	40.57	11.38	-41.45	51.67	74.00	22.33	PK	Horizontal
5	31560.800	36.94	42.00	12.64	-38.98	52.60	74.00	21.40	PK	Horizontal
6	36440.400	40.34	43.26	14.46	-41.17	56.89	74.00	17.11	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	36440.400	30.78	43.26	14.46	-41.17	47.33	54.0	6.67	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6435MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

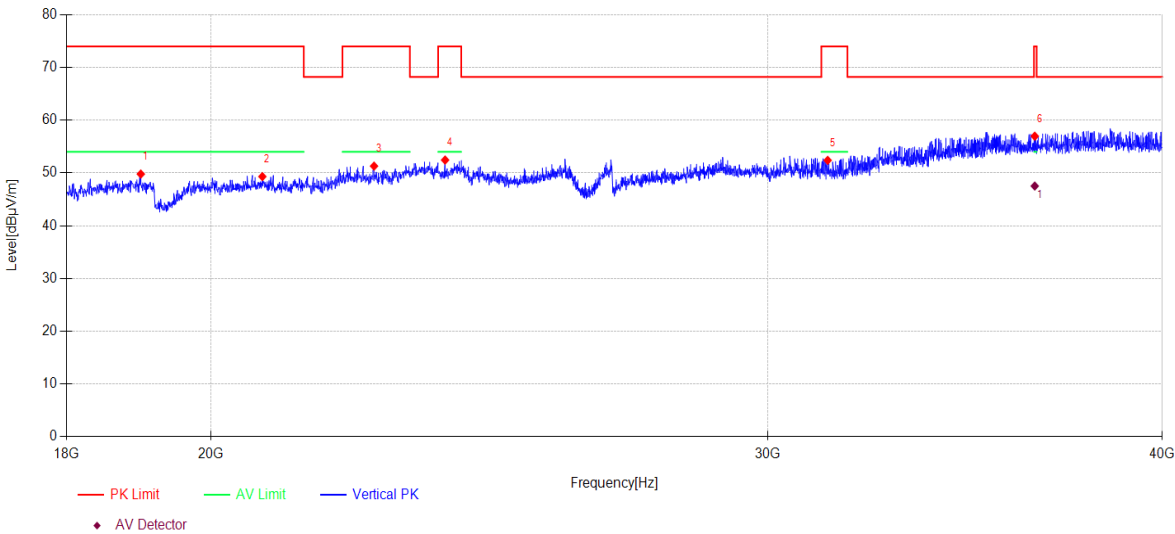
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	19003.200	42.03	38.50	9.77	-40.50	49.80	74.00	24.20	PK	Vertical
2	20763.200	42.10	38.60	9.90	-41.28	49.32	74.00	24.68	PK	Vertical
3	22523.200	42.88	39.64	10.89	-42.11	51.30	74.00	22.70	PK	Vertical
4	23720.000	42.20	40.54	11.32	-41.61	52.45	74.00	21.55	PK	Vertical
5	31345.200	37.11	41.81	12.54	-39.06	52.40	74.00	21.60	PK	Vertical
6	36449.200	40.41	43.27	14.46	-41.17	56.97	74.00	17.03	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	36449.200	30.96	43.27	14.46	-41.17	47.52	54.0	6.48	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6475MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

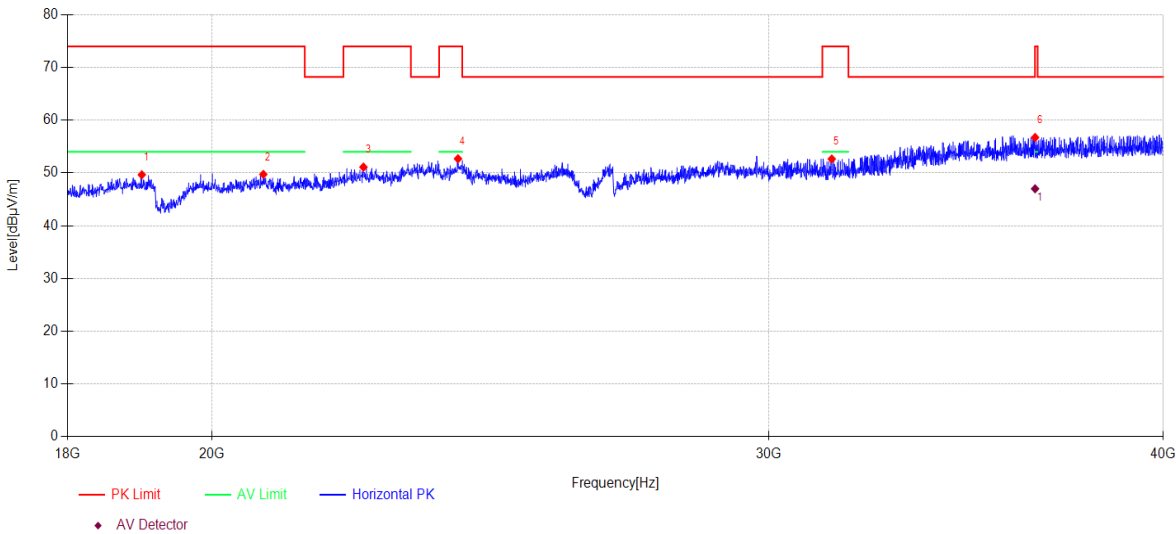
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	19003.200	41.89	38.50	9.77	-40.50	49.66	74.00	24.34	PK	Horizontal
2	20763.200	42.52	38.60	9.90	-41.28	49.74	74.00	24.26	PK	Horizontal
3	22334.000	42.94	39.33	10.84	-42.00	51.11	74.00	22.89	PK	Horizontal
4	23926.800	42.07	40.59	11.41	-41.38	52.69	74.00	21.31	PK	Horizontal
5	31415.600	37.24	41.87	12.57	-39.03	52.65	74.00	21.35	PK	Horizontal
6	36431.600	40.18	43.26	14.46	-41.17	56.73	74.00	17.27	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	36431.600	30.45	43.26	14.46	-41.17	47.00	54.0	7.00	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6475MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

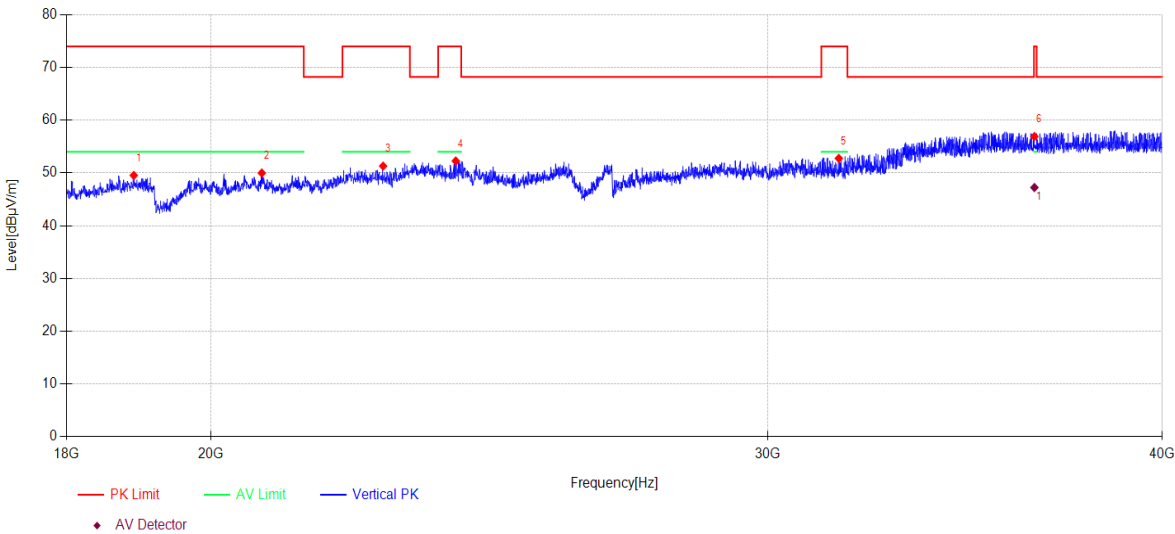
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	18906.400	41.72	38.48	9.72	-40.38	49.54	74.00	24.46	PK	Vertical
2	20754.400	42.77	38.60	9.90	-41.28	49.99	74.00	24.01	PK	Vertical
3	22672.800	42.70	39.88	10.92	-42.20	51.30	74.00	22.70	PK	Vertical
4	23904.800	41.69	40.58	11.40	-41.40	52.27	74.00	21.73	PK	Vertical
5	31600.400	37.04	42.04	12.65	-38.96	52.77	74.00	21.23	PK	Vertical
6	36440.400	40.36	43.26	14.46	-41.17	56.91	74.00	17.09	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	36440.400	30.69	43.26	14.46	-41.17	47.24	54.0	6.76	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:

11AX20 TX 6515MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

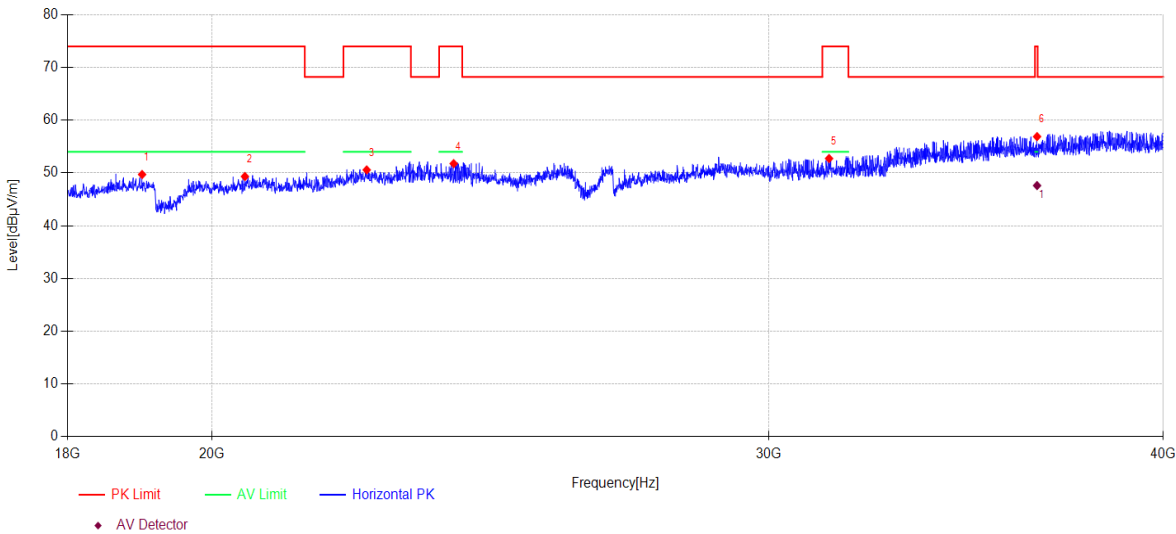
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	19007.600	41.95	38.50	9.77	-40.51	49.71	74.00	24.29	PK	Horizontal
2	20486.000	42.09	38.60	9.89	-41.25	49.33	74.00	24.67	PK	Horizontal
3	22386.800	42.34	39.42	10.85	-42.03	50.58	74.00	23.42	PK	Horizontal
4	23852.000	41.29	40.57	11.37	-41.46	51.77	74.00	22.23	PK	Horizontal
5	31354.000	37.43	41.82	12.55	-39.06	52.74	74.00	21.26	PK	Horizontal
6	36484.400	40.28	43.29	14.47	-41.15	56.89	74.00	17.11	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	36484.400	31.0	43.29	14.47	-41.15	47.61	54.0	6.39	AV	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6515MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

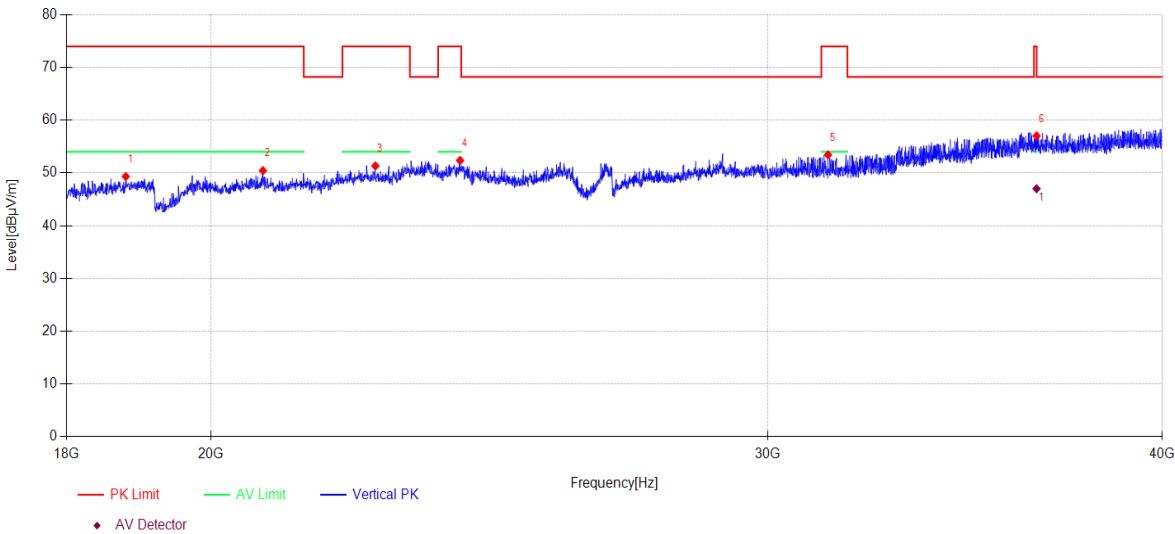
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	18796.400	41.44	38.46	9.67	-40.24	49.33	74.00	24.67	PK	Vertical
2	20772.000	43.22	38.60	9.90	-41.28	50.44	74.00	23.56	PK	Vertical
3	22545.200	42.90	39.67	10.89	-42.13	51.33	74.00	22.67	PK	Vertical
4	23979.600	41.66	40.60	11.43	-41.32	52.37	74.00	21.63	PK	Vertical
5	31354.000	38.13	41.82	12.55	-39.06	53.44	74.00	20.56	PK	Vertical
6	36497.600	40.39	43.30	14.47	-41.15	57.01	74.00	16.99	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	36497.600	30.41	43.30	14.47	-41.15	47.03	54.0	6.97	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:

11AX20 TX 6535MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

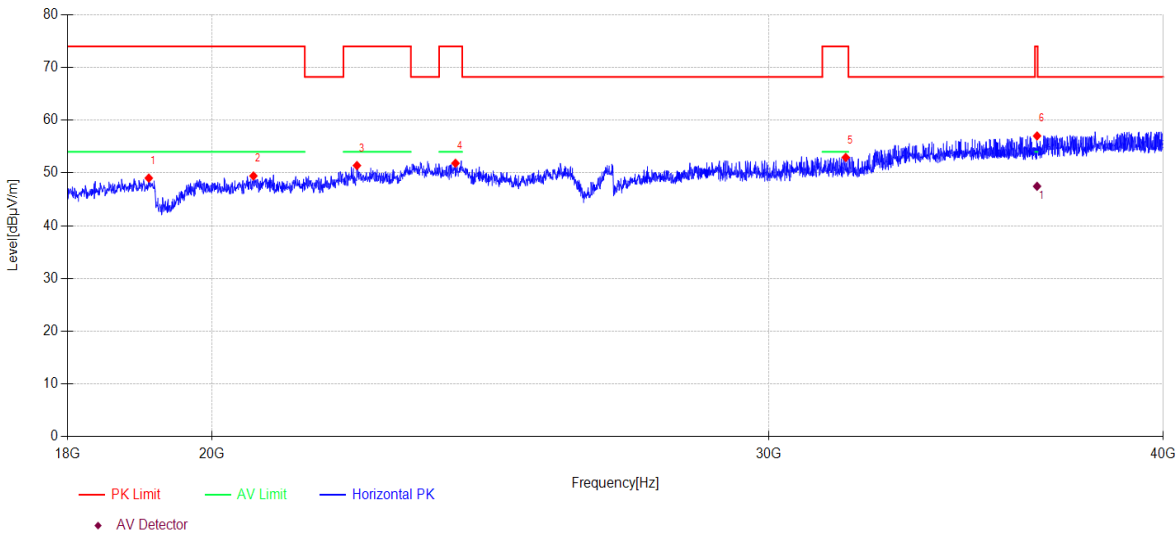
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	19100.000	41.31	38.51	9.78	-40.57	49.03	74.00	24.97	PK	Horizontal
2	20613.600	42.21	38.60	9.89	-41.26	49.44	74.00	24.56	PK	Horizontal
3	22228.400	43.37	39.17	10.81	-41.94	51.41	74.00	22.59	PK	Horizontal
4	23882.800	41.30	40.58	11.39	-41.43	51.84	74.00	22.16	PK	Horizontal
5	31736.800	36.98	42.16	12.71	-38.91	52.94	74.00	21.06	PK	Horizontal
6	36484.400	40.41	43.29	14.47	-41.15	57.02	74.00	16.98	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	36484.400	30.86	43.29	14.47	-41.15	47.47	54.0	6.53	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6535MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

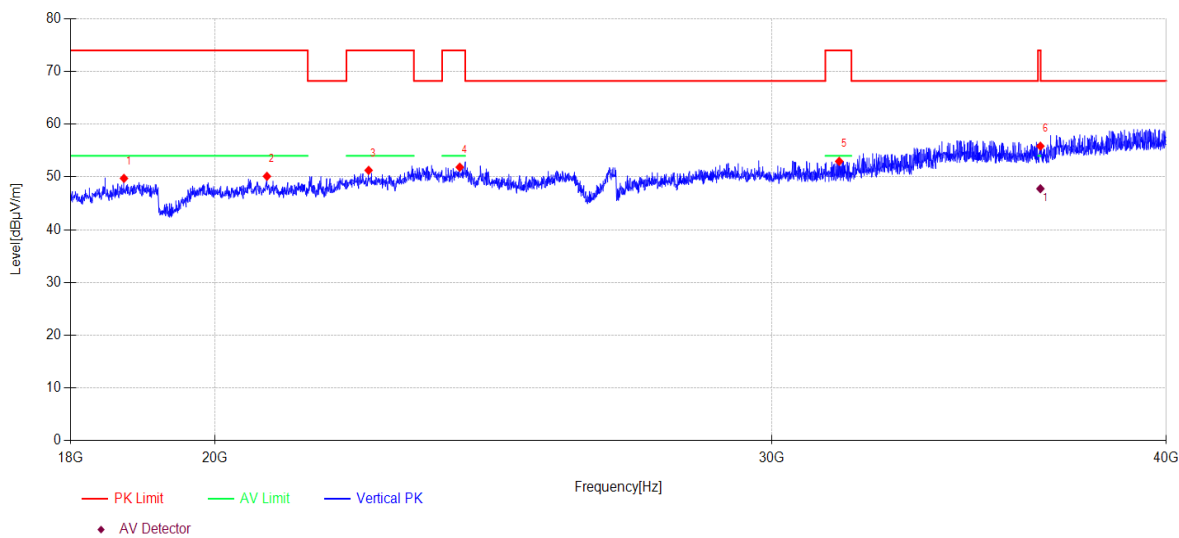
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	18717.200	41.79	38.44	9.63	-40.13	49.73	74.00	24.27	PK	Vertical
2	20772.000	42.90	38.60	9.90	-41.28	50.12	74.00	23.88	PK	Vertical
3	22369.200	43.03	39.39	10.85	-42.02	51.25	74.00	22.75	PK	Vertical
4	23904.800	41.27	40.58	11.40	-41.40	51.85	74.00	22.15	PK	Vertical
5	31516.800	37.36	41.97	12.62	-38.99	52.96	74.00	21.04	PK	Vertical
6	36493.200	39.22	43.30	14.47	-41.15	55.84	74.00	18.16	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	36493.200	31.15	43.30	14.47	-41.15	47.77	54.0	6.23	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6695MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

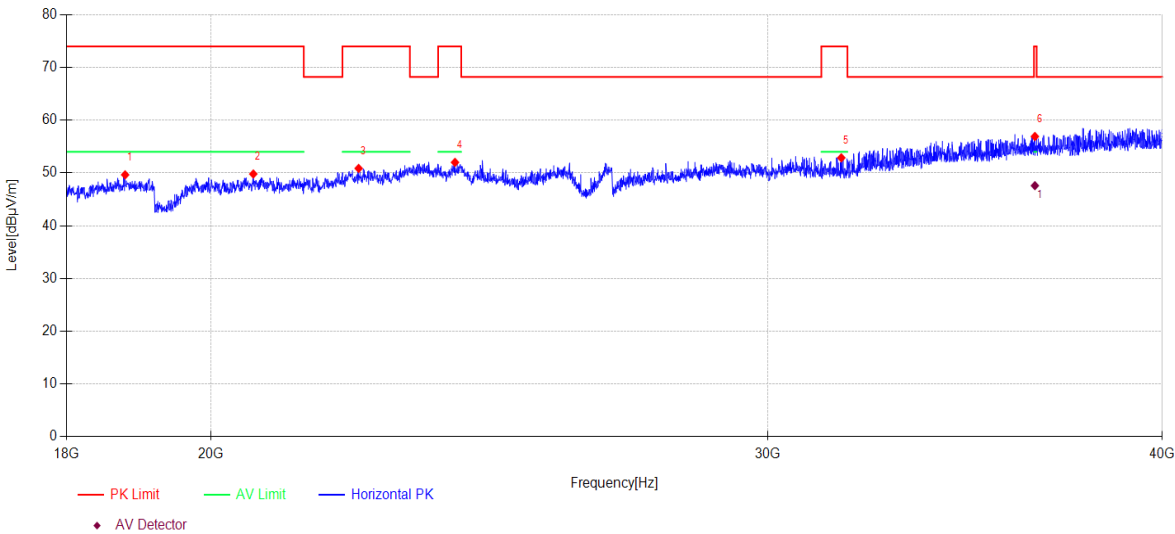
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	18787.600	41.74	38.46	9.67	-40.22	49.65	74.00	24.35	PK	Horizontal
2	20626.800	42.57	38.60	9.90	-41.26	49.81	74.00	24.19	PK	Horizontal
3	22272.400	42.75	39.24	10.83	-41.96	50.86	74.00	23.14	PK	Horizontal
4	23891.600	41.46	40.58	11.39	-41.42	52.01	74.00	21.99	PK	Horizontal
5	31657.600	37.04	42.09	12.68	-38.94	52.87	74.00	21.13	PK	Horizontal
6	36453.600	40.34	43.27	14.47	-41.16	56.92	74.00	17.08	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	36453.600	31.02	43.27	14.47	-41.16	47.60	54.0	6.40	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6695MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

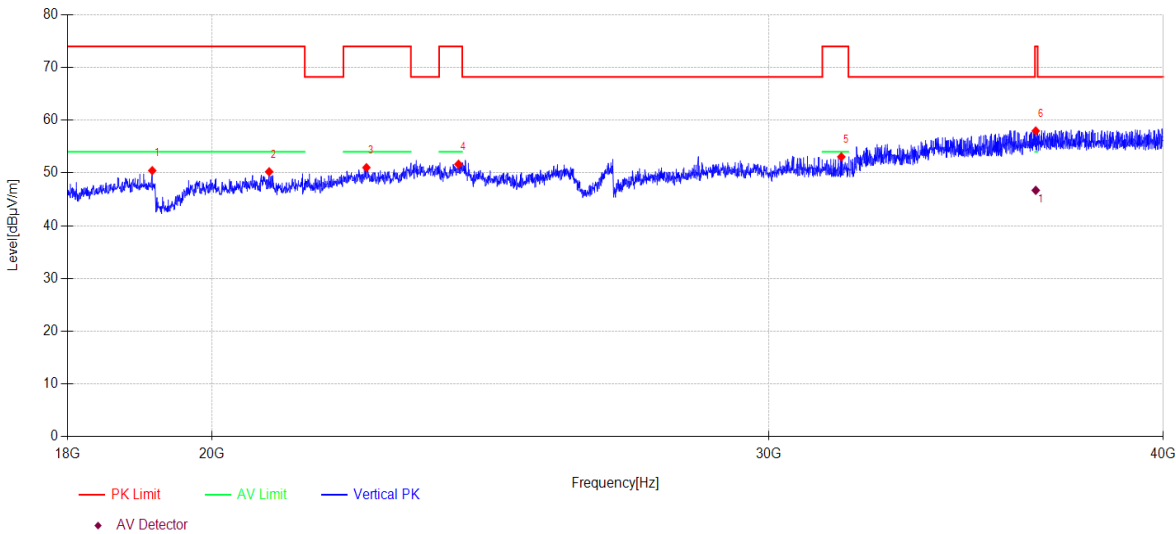
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	19148.400	42.76	38.51	9.78	-40.60	50.45	74.00	23.55	PK	Vertical
2	20851.200	43.02	38.60	9.90	-41.29	50.23	74.00	23.77	PK	Vertical
3	22382.400	42.79	39.41	10.85	-42.03	51.02	74.00	22.98	PK	Vertical
4	23935.600	41.03	40.59	11.41	-41.37	51.66	74.00	22.34	PK	Vertical
5	31635.600	37.27	42.07	12.67	-38.95	53.06	74.00	20.94	PK	Vertical
6	36449.200	41.41	43.27	14.46	-41.17	57.97	74.00	16.03	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	36449.200	30.15	43.27	14.46	-41.17	46.71	54.0	7.29	AV	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6855MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

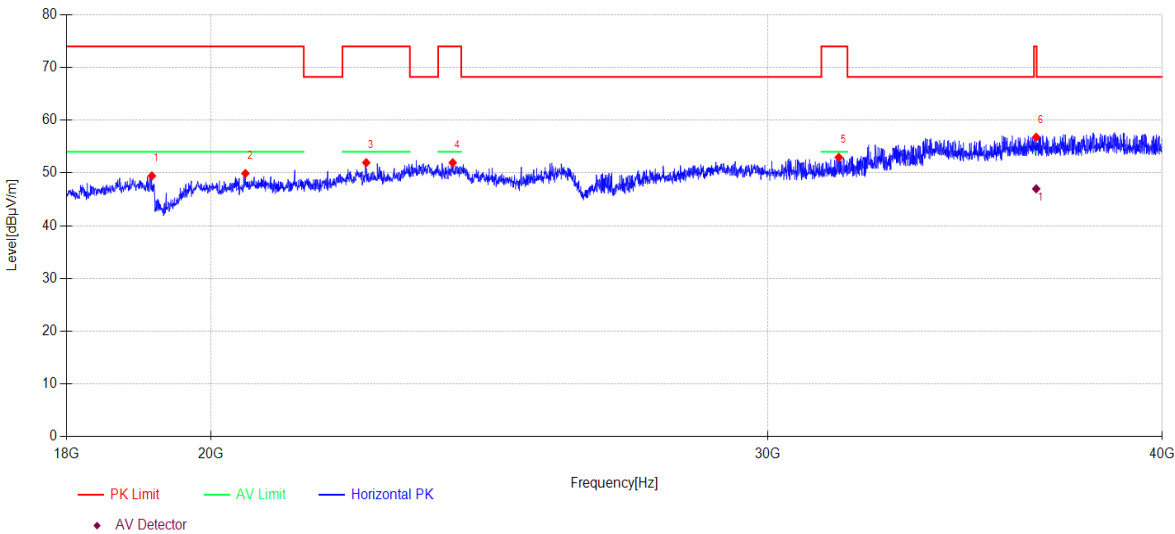
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	19157.200	41.74	38.52	9.79	-40.61	49.44	74.00	24.56	PK	Horizontal
2	20508.000	42.68	38.60	9.89	-41.25	49.92	74.00	24.08	PK	Horizontal
3	22395.600	43.71	39.43	10.85	-42.04	51.95	74.00	22.05	PK	Horizontal
4	23852.000	41.47	40.57	11.37	-41.46	51.95	74.00	22.05	PK	Horizontal
5	31600.400	37.23	42.04	12.65	-38.96	52.96	74.00	21.04	PK	Horizontal
6	36488.800	40.17	43.29	14.47	-41.15	56.78	74.00	17.22	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	36488.800	30.39	43.29	14.47	-41.15	47.00	54.0	7.00	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6855MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

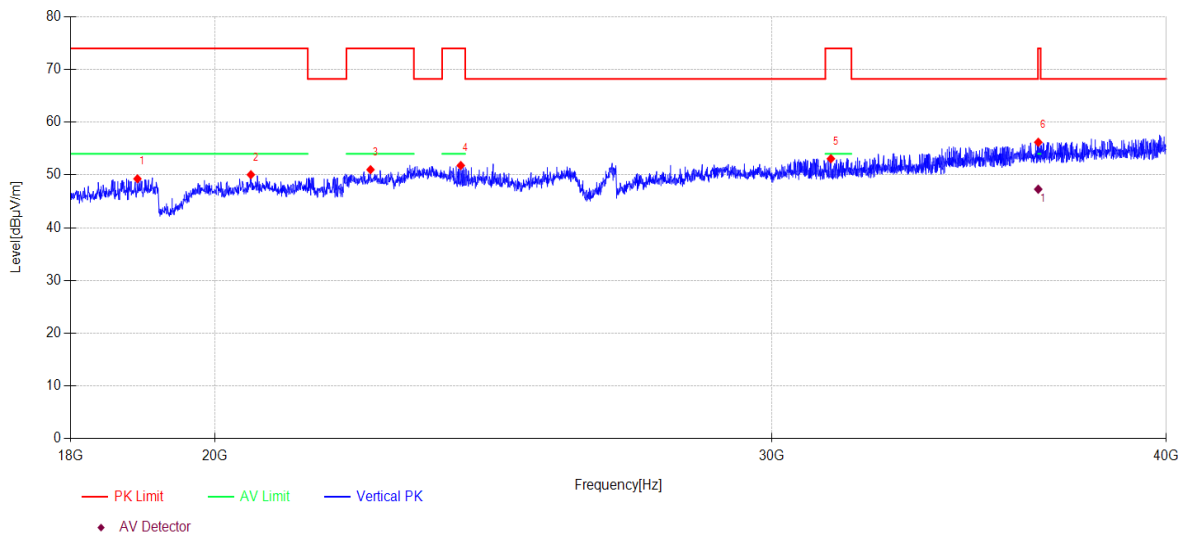
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	18902.000	41.44	38.48	9.72	-40.37	49.27	74.00	24.73	PK	Vertical
2	20530.000	42.81	38.60	9.89	-41.25	50.05	74.00	23.95	PK	Vertical
3	22400.000	42.74	39.44	10.86	-42.04	51.00	74.00	23.00	PK	Vertical
4	23922.400	41.19	40.58	11.41	-41.39	51.79	74.00	22.21	PK	Vertical
5	31327.600	37.82	41.79	12.53	-39.07	53.07	74.00	20.93	PK	Vertical
6	36436.000	39.65	43.26	14.46	-41.17	56.20	74.00	17.80	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	36436.000	30.75	43.26	14.46	-41.17	47.30	54.0	6.70	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:

11AX20 TX 6875MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

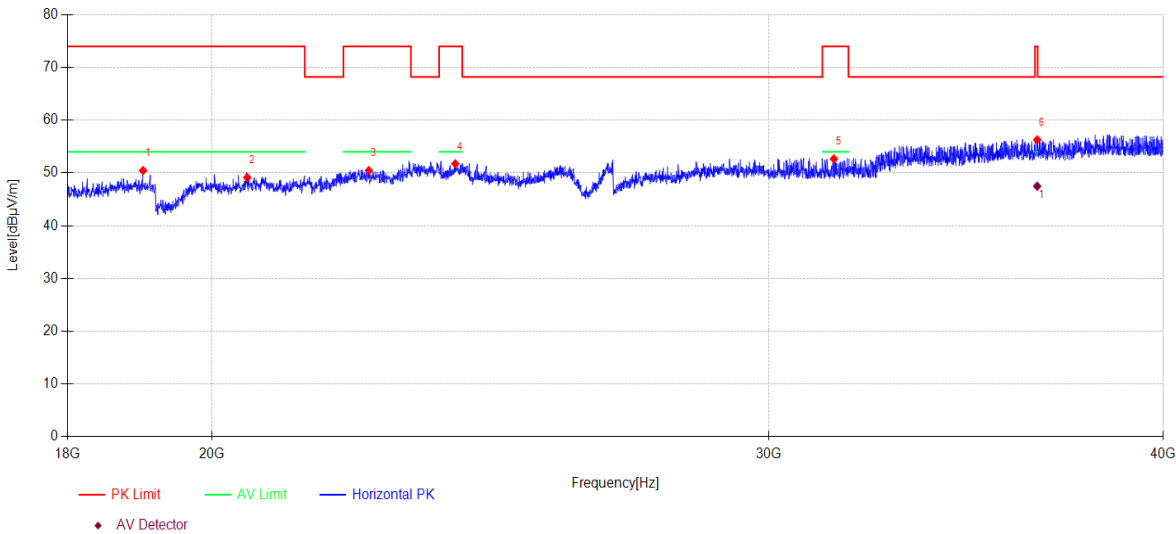
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	19020.800	42.70	38.50	9.77	-40.51	50.46	74.00	23.54	PK	Horizontal
2	20521.200	41.89	38.60	9.89	-41.25	49.13	74.00	24.87	PK	Horizontal
3	22422.000	42.19	39.48	10.86	-42.05	50.48	74.00	23.52	PK	Horizontal
4	23878.400	41.21	40.58	11.39	-41.43	51.75	74.00	22.25	PK	Horizontal
5	31464.000	37.17	41.92	12.59	-39.01	52.67	74.00	21.33	PK	Horizontal
6	36488.800	39.68	43.29	14.47	-41.15	56.29	74.00	17.71	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	36488.800	30.88	43.29	14.47	-41.15	47.49	54.0	6.51	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6875MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

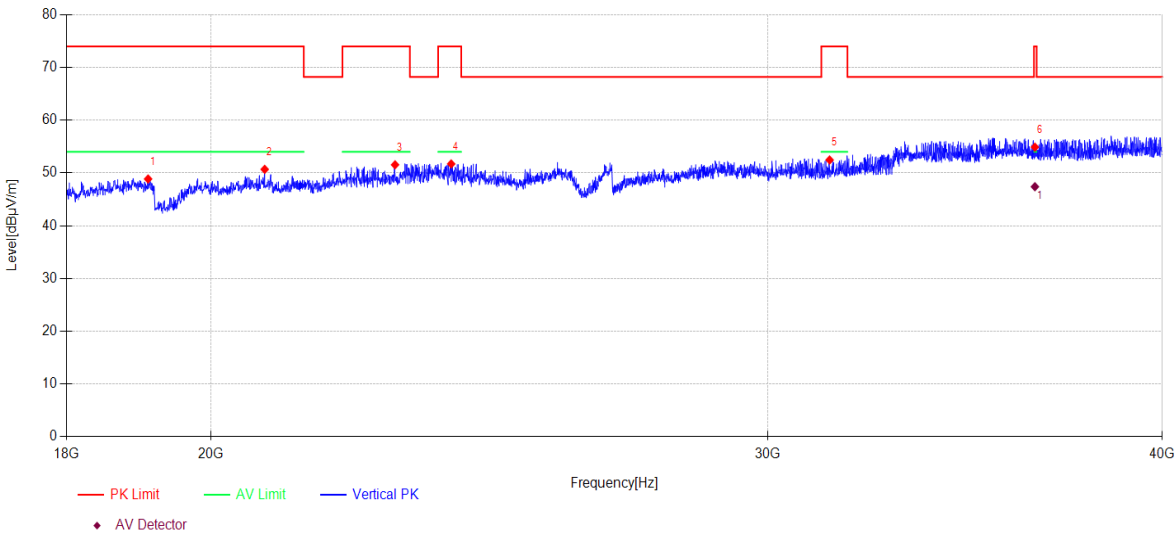
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	19104.400	41.14	38.51	9.78	-40.57	48.86	74.00	25.14	PK	Vertical
2	20798.400	43.47	38.60	9.90	-41.28	50.69	74.00	23.31	PK	Vertical
3	22870.800	42.71	40.19	10.97	-42.32	51.55	74.00	22.45	PK	Vertical
4	23825.600	41.28	40.57	11.36	-41.49	51.72	74.00	22.28	PK	Vertical
5	31389.200	37.10	41.85	12.56	-39.04	52.47	74.00	21.53	PK	Vertical
6	36453.600	38.32	43.27	14.47	-41.16	54.90	74.00	19.10	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	36453.600	30.81	43.27	14.47	-41.16	47.39	54.0	6.61	AV	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6895MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

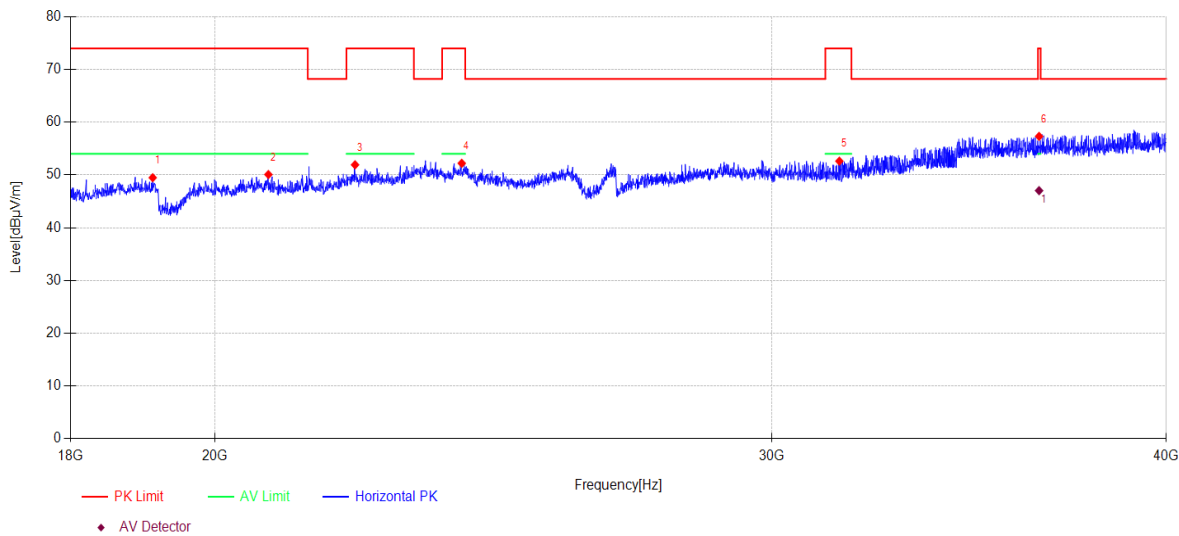
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	19113.200	41.77	38.51	9.78	-40.58	49.48	74.00	24.52	PK	Horizontal
2	20794.000	42.86	38.60	9.90	-41.28	50.08	74.00	23.92	PK	Horizontal
3	22149.200	43.97	39.04	10.80	-41.89	51.92	74.00	22.08	PK	Horizontal
4	23940.000	41.58	40.59	11.41	-41.37	52.21	74.00	21.79	PK	Horizontal
5	31521.200	37.02	41.97	12.62	-38.99	52.62	74.00	21.38	PK	Horizontal
6	36458.000	40.73	43.27	14.47	-41.16	57.31	74.00	16.69	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	36458.000	30.45	43.27	14.47	-41.16	47.03	54.0	6.97	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6895MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

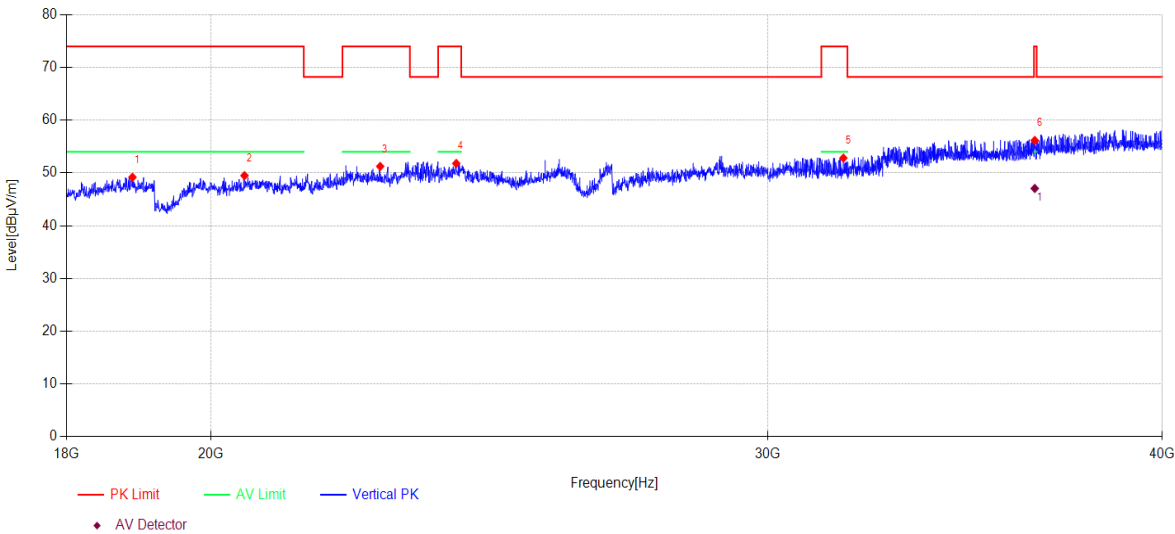
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	18888.800	41.35	38.48	9.72	-40.36	49.19	74.00	24.81	PK	Vertical
2	20494.800	42.25	38.60	9.89	-41.25	49.49	74.00	24.51	PK	Vertical
3	22624.400	42.70	39.80	10.91	-42.17	51.24	74.00	22.76	PK	Vertical
4	23913.600	41.23	40.58	11.40	-41.40	51.81	74.00	22.19	PK	Vertical
5	31706.000	36.91	42.14	12.70	-38.92	52.83	74.00	21.17	PK	Vertical
6	36449.200	39.61	43.27	14.46	-41.17	56.17	74.00	17.83	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	36449.200	30.51	43.27	14.46	-41.17	47.07	54.0	6.93	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:

11AX20 TX 6995MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

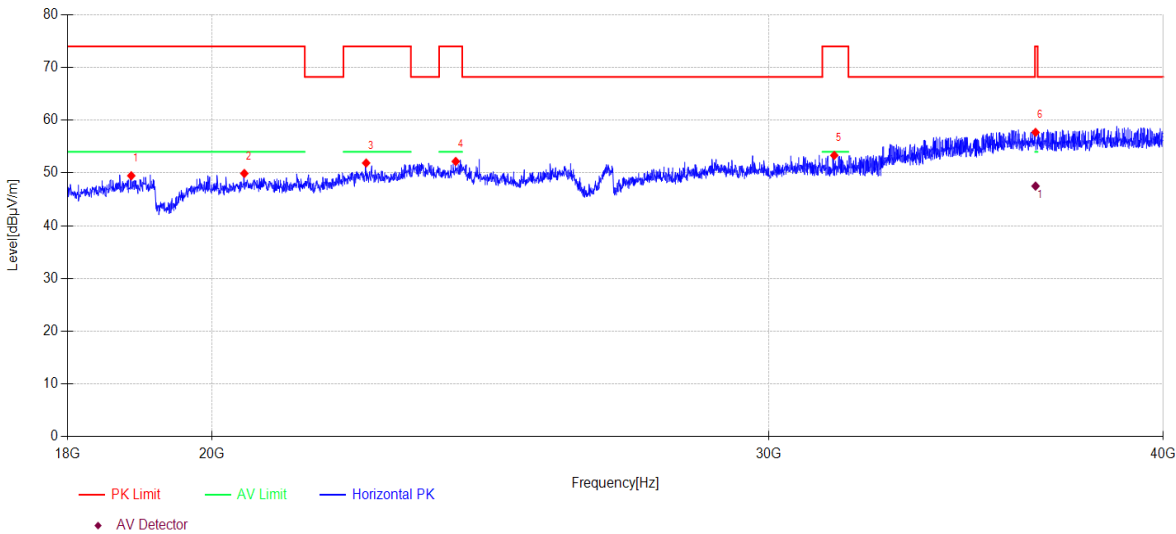
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	18858.000	41.62	38.47	9.70	-40.32	49.47	74.00	24.53	PK	Horizontal
2	20477.200	42.67	38.60	9.89	-41.25	49.91	74.00	24.09	PK	Horizontal
3	22378.000	43.67	39.40	10.85	-42.03	51.89	74.00	22.11	PK	Horizontal
4	23887.200	41.64	40.58	11.39	-41.42	52.19	74.00	21.81	PK	Horizontal
5	31472.800	37.81	41.93	12.60	-39.01	53.33	74.00	20.67	PK	Horizontal
6	36444.800	41.13	43.27	14.46	-41.17	57.69	74.00	16.31	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	36444.800	30.95	43.27	14.46	-41.17	47.51	54.0	6.49	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6995MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

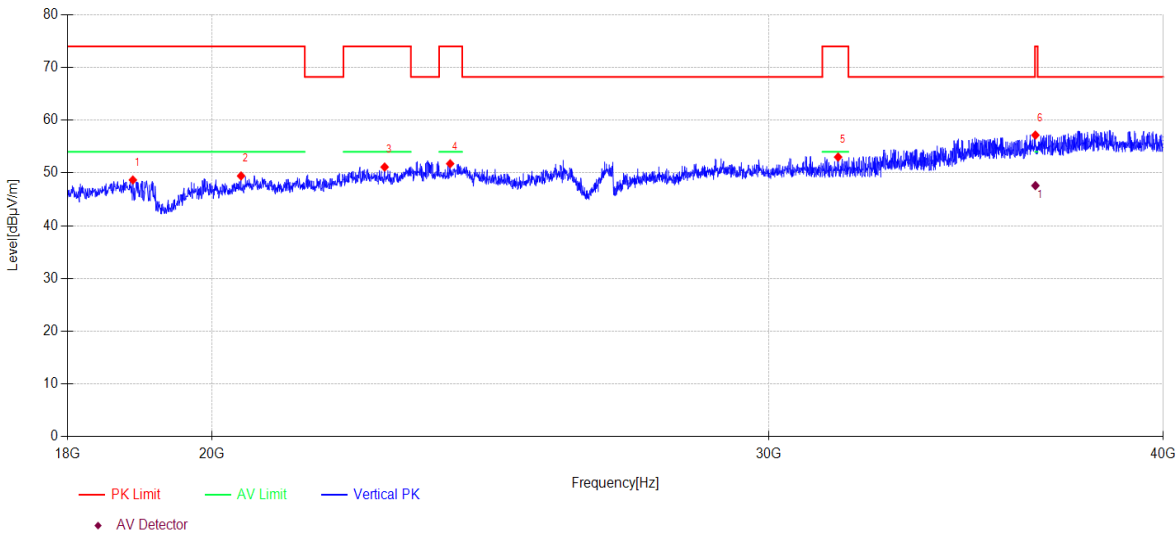
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	18880.000	40.82	38.48	9.71	-40.34	48.67	74.00	25.33	PK	Vertical
2	20428.800	42.19	38.60	9.89	-41.24	49.44	74.00	24.56	PK	Vertical
3	22681.600	42.52	39.89	10.92	-42.21	51.12	74.00	22.88	PK	Vertical
4	23790.400	41.37	40.56	11.35	-41.53	51.75	74.00	22.25	PK	Vertical
5	31560.800	37.36	42.00	12.64	-38.98	53.02	74.00	20.98	PK	Vertical
6	36440.400	40.62	43.26	14.46	-41.17	57.17	74.00	16.83	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	36440.400	31.05	43.26	14.46	-41.17	47.60	54.0	6.40	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:

11AX20 TX 7115MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

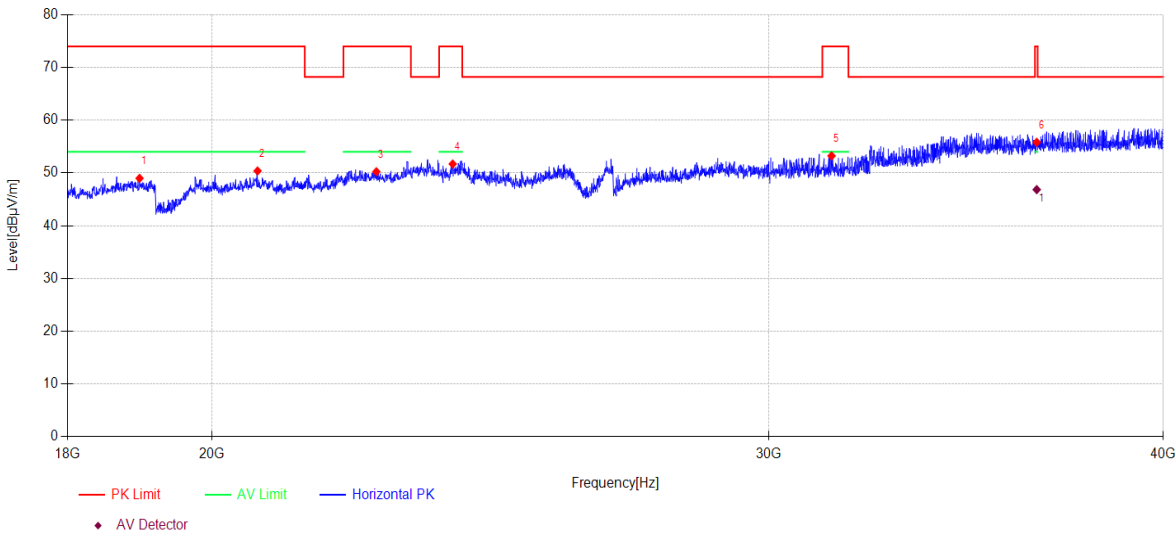
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	18972.400	41.20	38.49	9.76	-40.46	48.99	74.00	25.01	PK	Horizontal
2	20675.200	43.15	38.60	9.90	-41.27	50.38	74.00	23.62	PK	Horizontal
3	22545.200	41.81	39.67	10.89	-42.13	50.24	74.00	23.76	PK	Horizontal
4	23834.400	41.24	40.57	11.37	-41.48	51.70	74.00	22.30	PK	Horizontal
5	31411.200	37.83	41.87	12.57	-39.04	53.23	74.00	20.77	PK	Horizontal
6	36475.600	39.22	43.29	14.47	-41.16	55.82	74.00	18.18	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36475.600	30.25	43.29	14.47	-41.16	46.85	54.0	7.15	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 7115MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

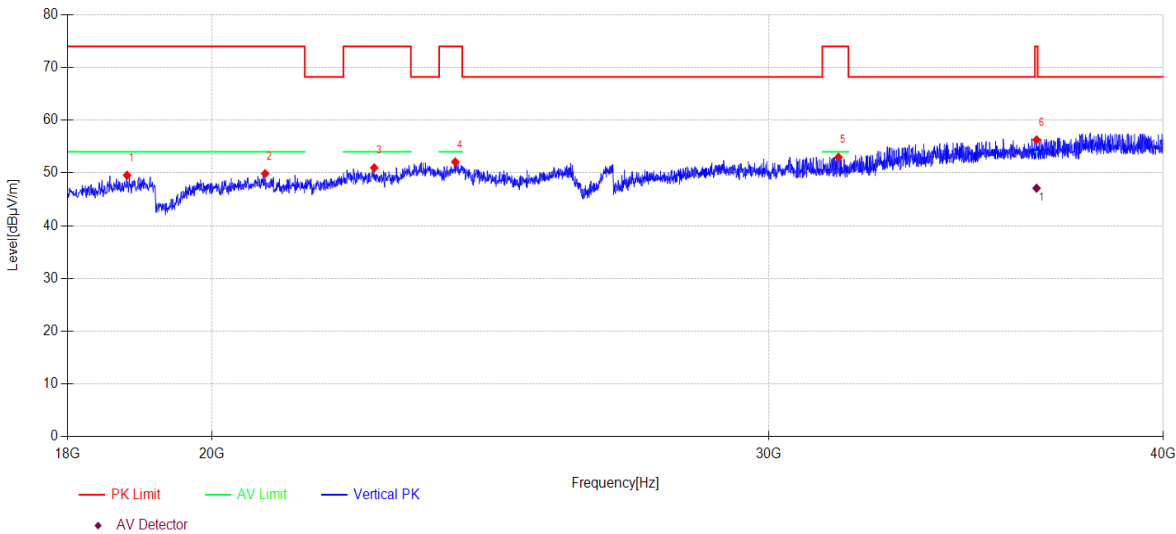
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	18800.800	41.68	38.46	9.67	-40.24	49.57	74.00	24.43	PK	Vertical
2	20789.600	42.67	38.60	9.90	-41.28	49.89	74.00	24.11	PK	Vertical
3	22510.000	42.59	39.62	10.88	-42.11	50.98	74.00	23.02	PK	Vertical
4	23878.400	41.55	40.58	11.39	-41.43	52.09	74.00	21.91	PK	Vertical
5	31569.600	37.31	42.01	12.64	-38.97	52.99	74.00	21.01	PK	Vertical
6	36471.200	39.69	43.28	14.47	-41.16	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	36471.200	30.52	43.28	14.47	-41.16	47.11	54.0	6.89	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:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5955MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

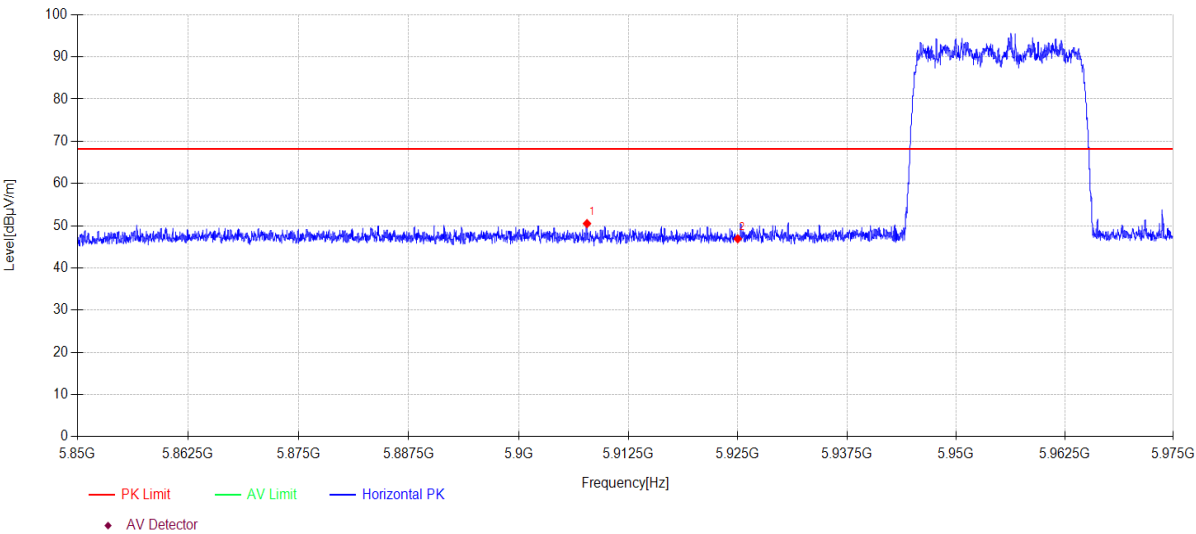
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Memo:

Sample Number:S24032709-002 Power Setting:4

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	5907.800	10.43	34.12	5.96	0.00	50.51	68.20	17.69	PK	Horizontal
2	5925.000	6.78	34.15	5.97	0.00	46.90	68.20	21.30	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 5955MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

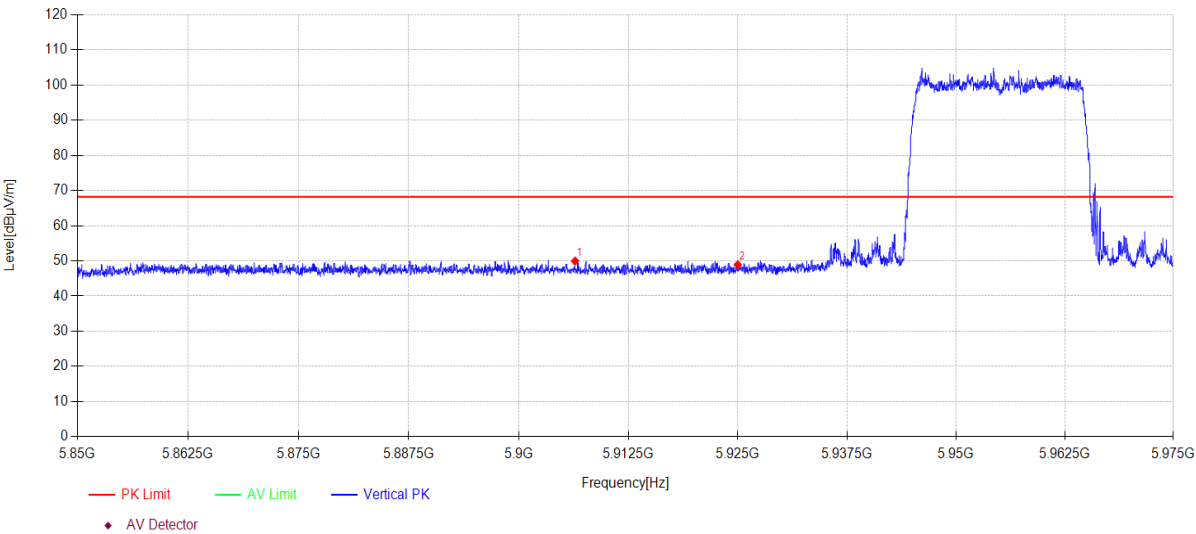
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Memo:

Sample Number:S24032709-002 Power Setting:4

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	5906.438	9.89	34.11	5.96	0.00	49.96	68.20	18.24	PK	Vertical
2	5925.000	8.80	34.15	5.97	0.00	48.92	68.20	19.28	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20 TX 5955MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

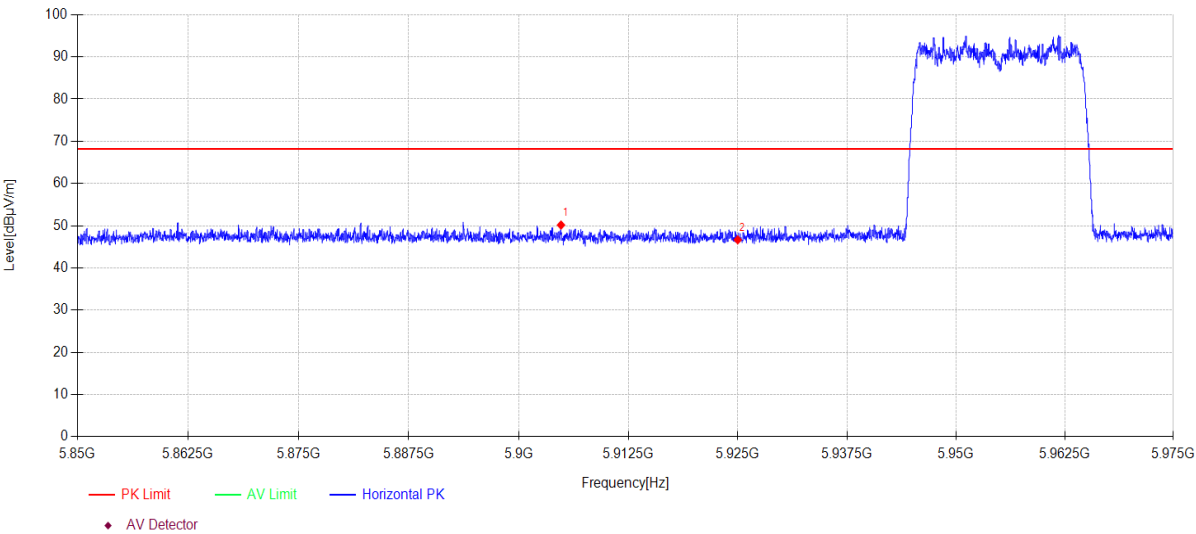
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Memo:

Sample Number:S24032709-002 Power Setting:4

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	5904.838	10.09	34.11	5.96	0.00	50.16	68.20	18.04	PK	Horizontal
2	5925.000	6.55	34.15	5.97	0.00	46.67	68.20	21.53	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 5955MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

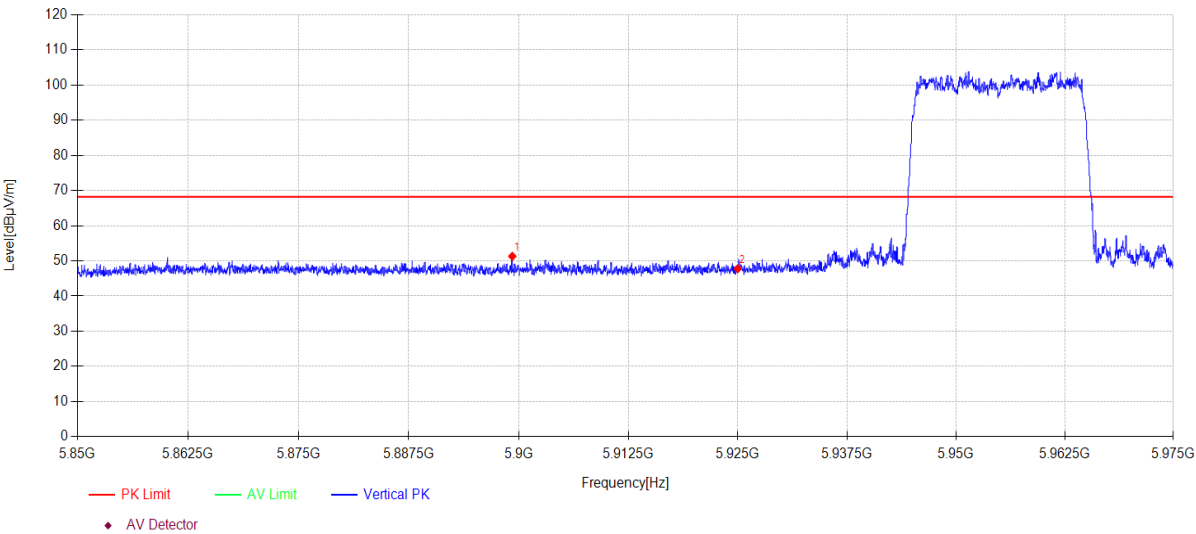
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Memo:

Sample Number:S24032709-002 Power Setting:4

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	5899.288	11.25	34.10	5.96	0.00	51.31	68.20	16.89	PK	Vertical
2	5925.000	7.64	34.15	5.97	0.00	47.76	68.20	20.44	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX40 TX 5965MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

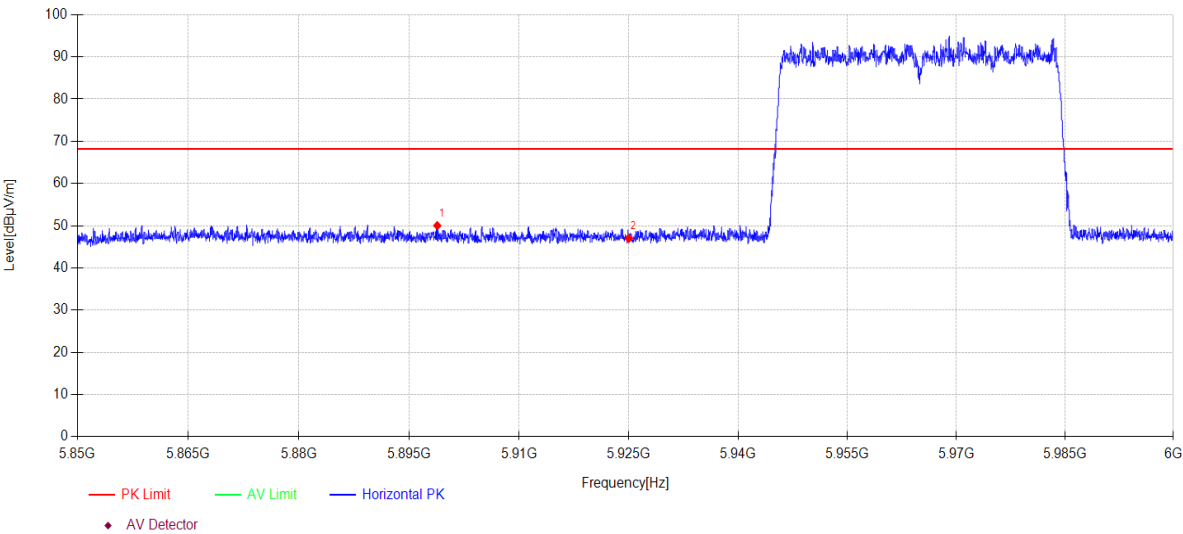
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Memo:

Sample Number:S24032709-002 Power Setting:7

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	5898.840	9.96	34.10	5.96	0.00	50.02	68.20	18.18	PK	Horizontal
2	5925.000	6.87	34.15	5.97	0.00	46.99	68.20	21.21	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX40 TX 5965MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

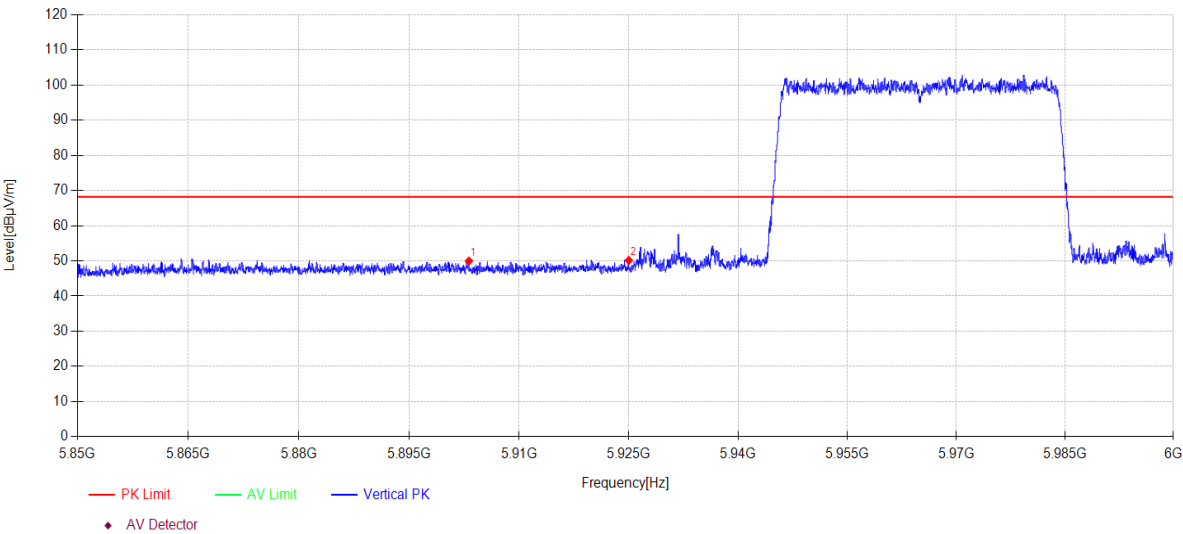
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:7

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	5903.160	9.89	34.11	5.96	0.00	49.96	68.20	18.24	PK	Vertical
2	5925.000	10.03	34.15	5.97	0.00	50.15	68.20	18.05	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40 TX 5965MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

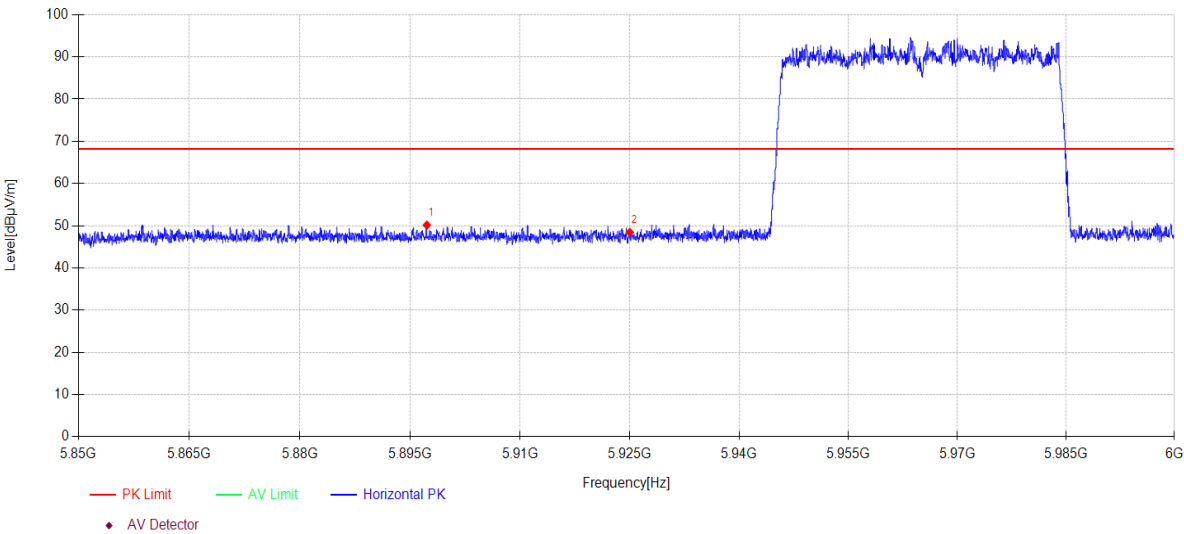
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\7

Memo:

Sample Number:S24032709-002 Power Setting:7

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	5897.295	10.10	34.09	5.96	0.00	50.15	68.20	18.05	PK	Horizontal
2	5925.000	8.33	34.15	5.97	0.00	48.45	68.20	19.75	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40 TX 5965MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

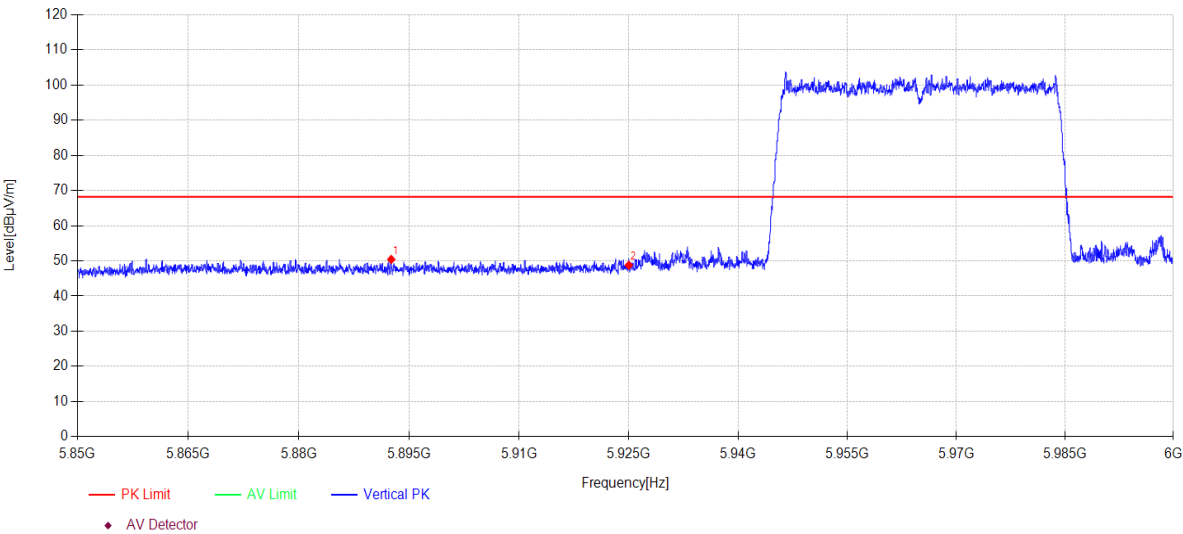
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\8

Memo:

Sample Number:S24032709-002 Power Setting:7

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	5892.570	10.37	34.09	5.96	0.00	50.42	68.20	17.78	PK	Vertical
2	5925.000	8.66	34.15	5.97	0.00	48.78	68.20	19.42	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX80 TX 5985MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

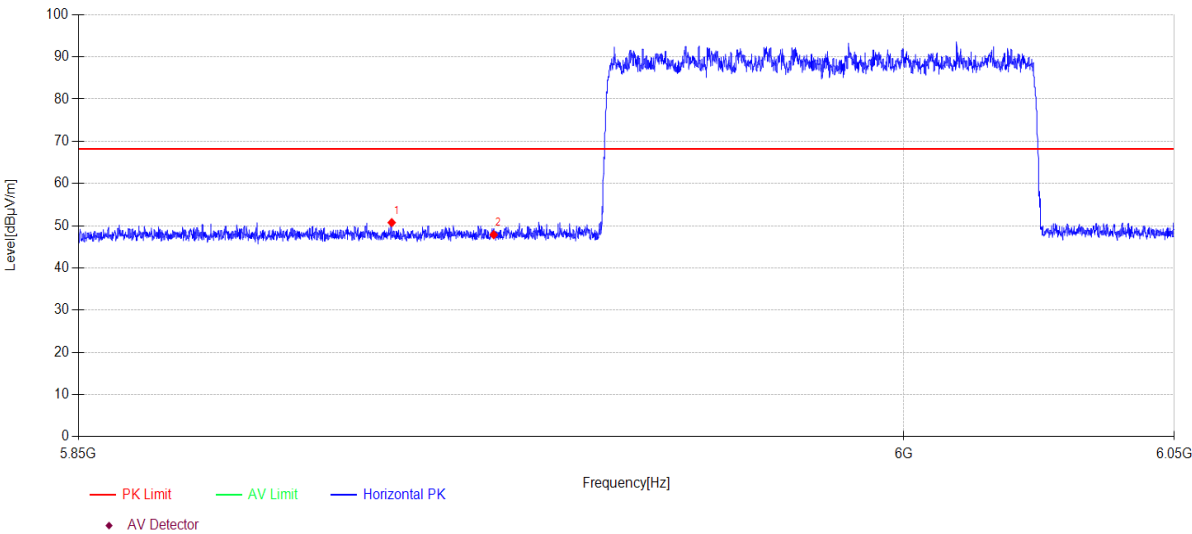
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\9

Memo:

Sample Number:S24032709-002 Power Setting:10

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	5906.500	10.68	34.11	5.96	0.00	50.75	68.20	17.45	PK	Horizontal
2	5925.000	7.75	34.15	5.97	0.00	47.87	68.20	20.33	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX80 TX 5985MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

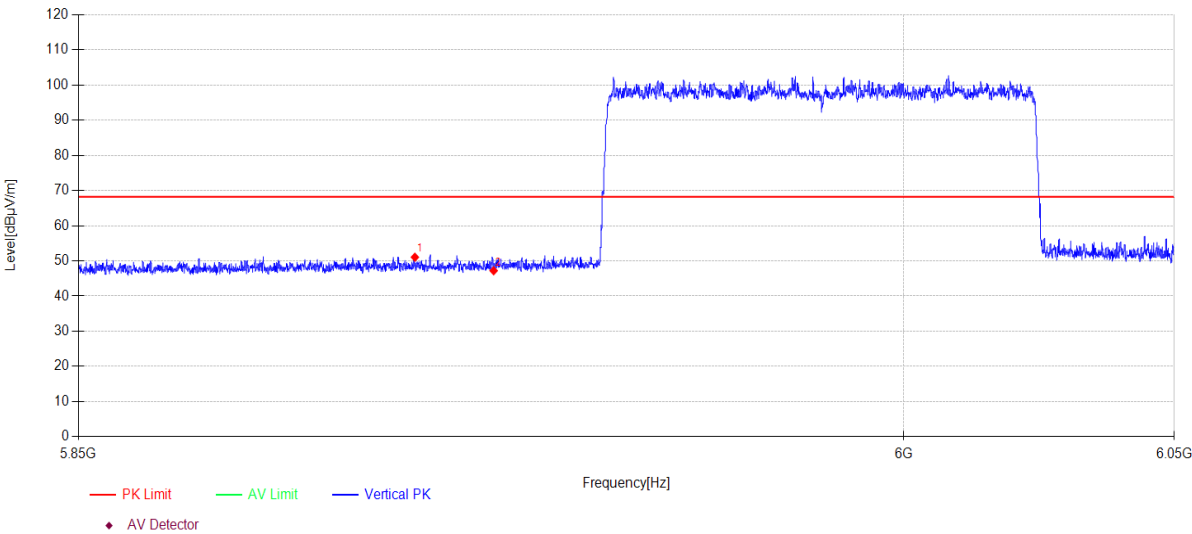
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\10

Memo:

Sample Number:S24032709-002 Power Setting:10

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	5910.700	10.96	34.12	5.97	0.00	51.05	68.20	17.15	PK	Vertical
2	5925.000	7.09	34.15	5.97	0.00	47.21	68.20	20.99	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE80 TX 5985MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

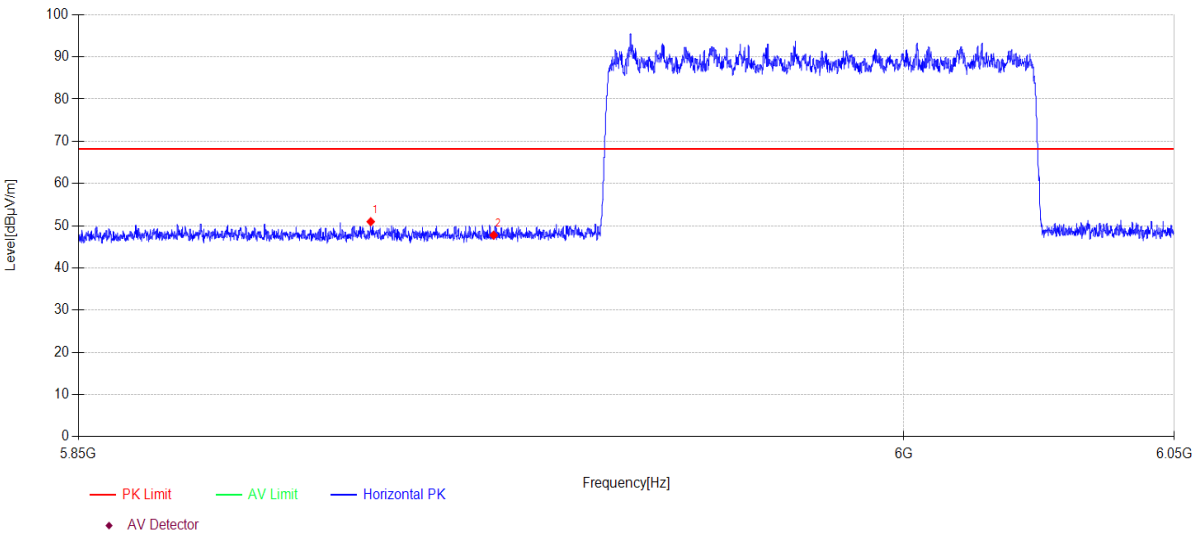
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\11

Memo:

Sample Number:S24032709-002 Power Setting:10

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	5902.700	10.88	34.11	5.96	0.00	50.95	68.20	17.25	PK	Horizontal
2	5925.000	7.64	34.15	5.97	0.00	47.76	68.20	20.44	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE80 TX 5985MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

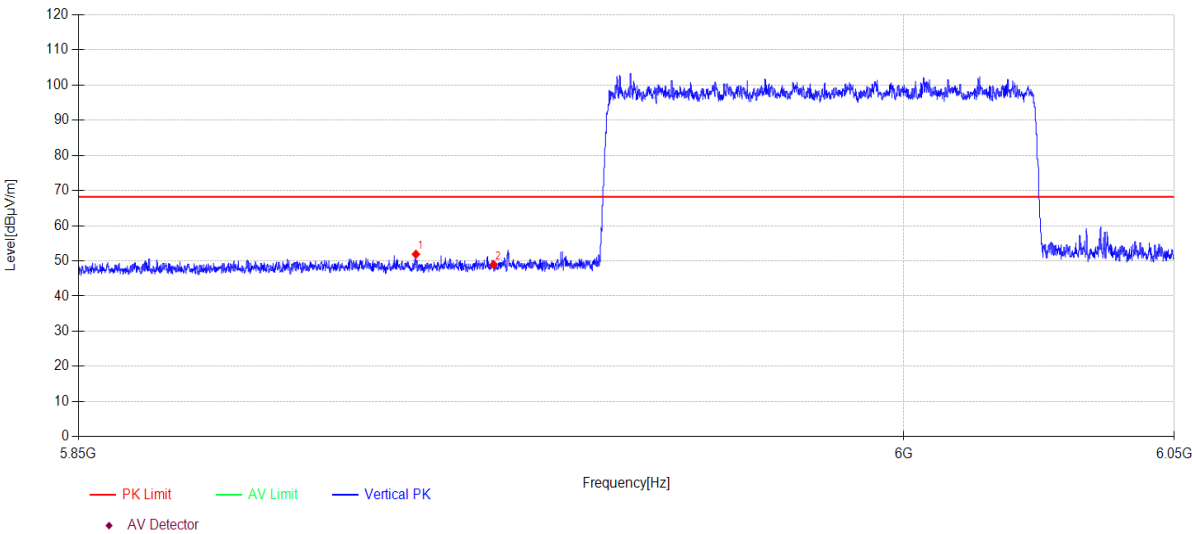
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G bianda\12

Memo:

Sample Number:S24032709-002 Power Setting:10

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	5910.880	11.81	34.12	5.97	0.00	51.90	68.20	16.30	PK	Vertical
2	5925.000	8.84	34.15	5.97	0.00	48.96	68.20	19.24	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:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX160 TX 6025MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

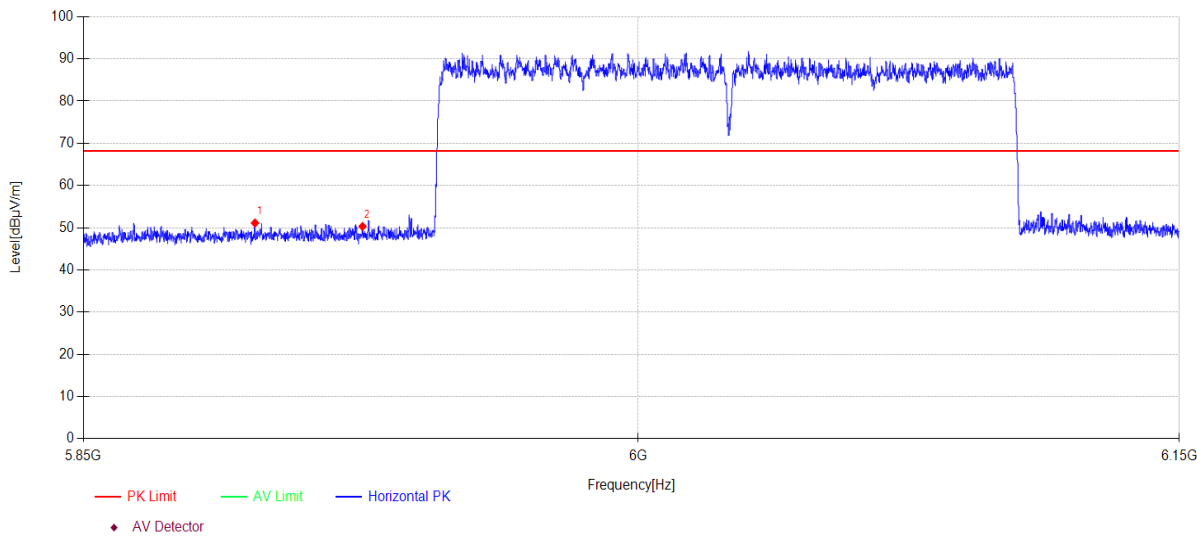
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\13

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	5895.990	11.07	34.09	5.96	0.00	51.12	68.20	17.08	PK	Horizontal
2	5925.000	10.19	34.15	5.97	0.00	50.31	68.20	17.89	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:

11AX160 TX 6025MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

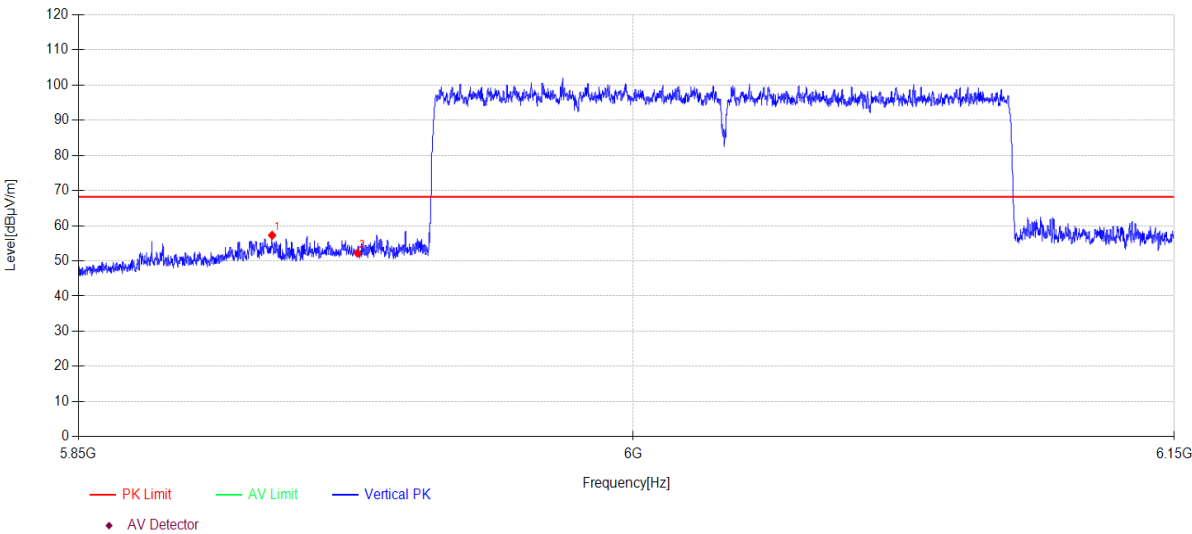
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\14

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	5901.960	17.22	34.10	5.96	0.00	57.28	68.20	10.92	PK	Vertical
2	5925.000	12.08	34.15	5.97	0.00	52.20	68.20	16.00	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE160 TX 6025MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

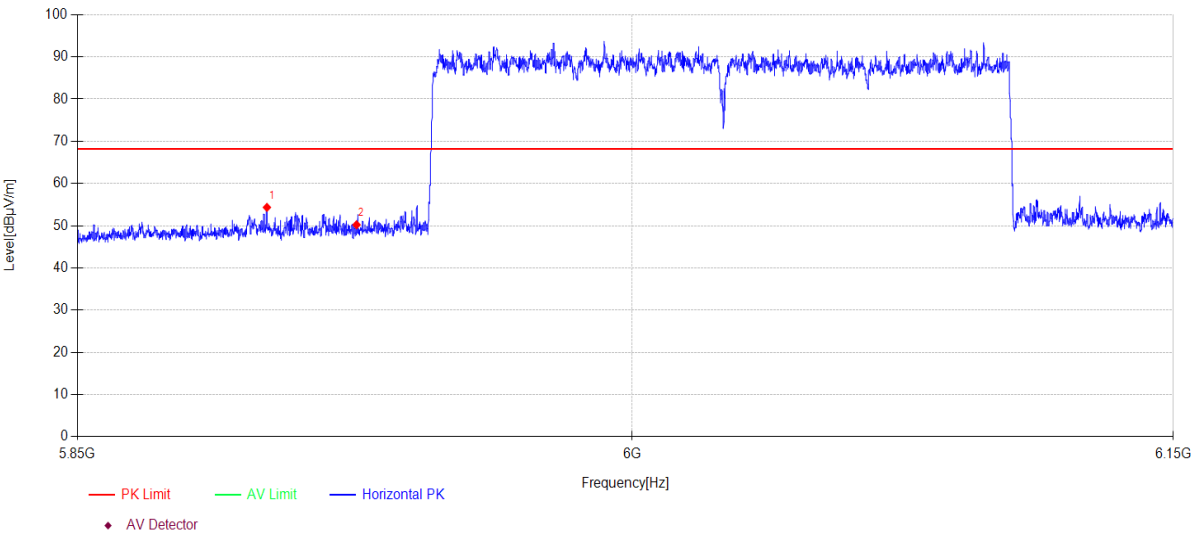
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\15

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	5900.820	14.29	34.10	5.96	0.00	54.35	68.20	13.85	PK	Horizontal
2	5925.000	10.10	34.15	5.97	0.00	50.22	68.20	17.98	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:

11BE160 TX 6025MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

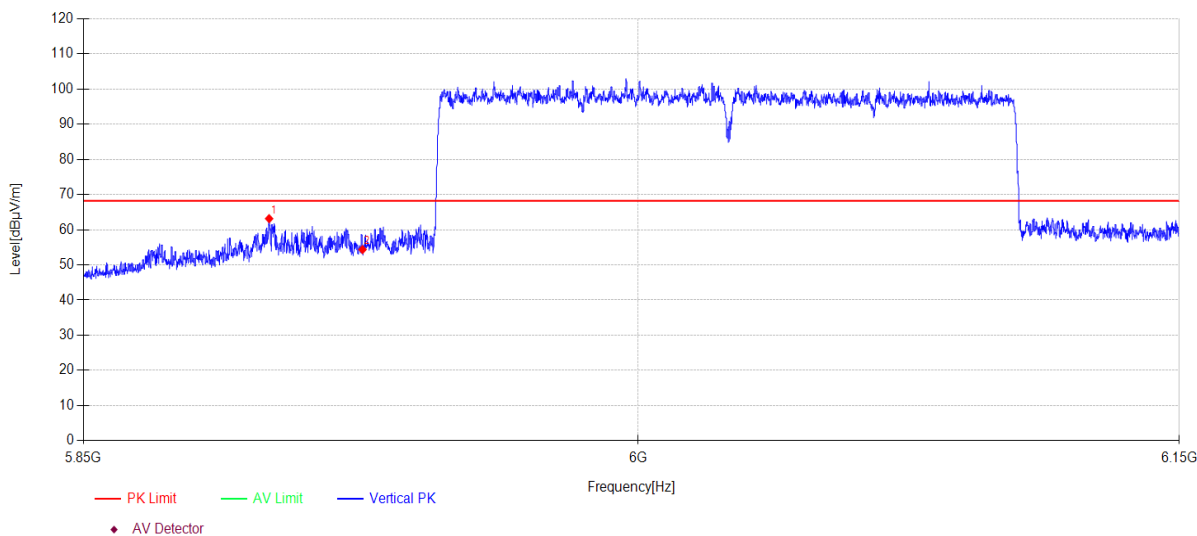
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\16

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	5899.800	23.09	34.10	5.96	0.00	63.15	68.20	5.05	PK	Vertical
2	5925.000	14.25	34.15	5.97	0.00	54.37	68.20	13.83	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE320 TX 6105MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

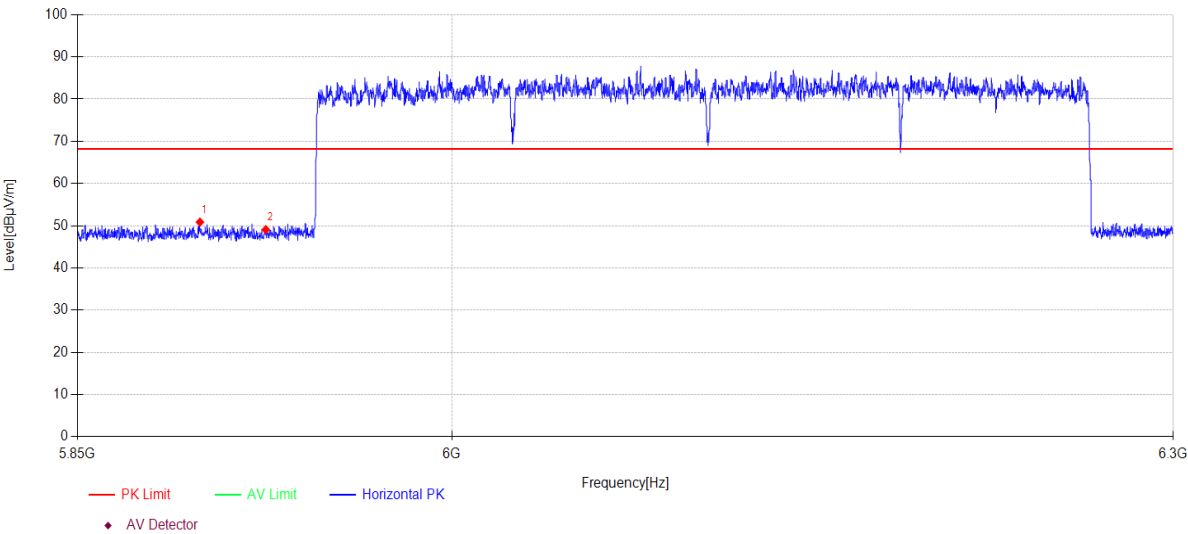
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\17

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	5898.690	10.80	34.10	5.96	0.00	50.86	68.20	17.34	PK	Horizontal
2	5925.000	8.96	34.15	5.97	0.00	49.08	68.20	19.12	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE320 TX 6105MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

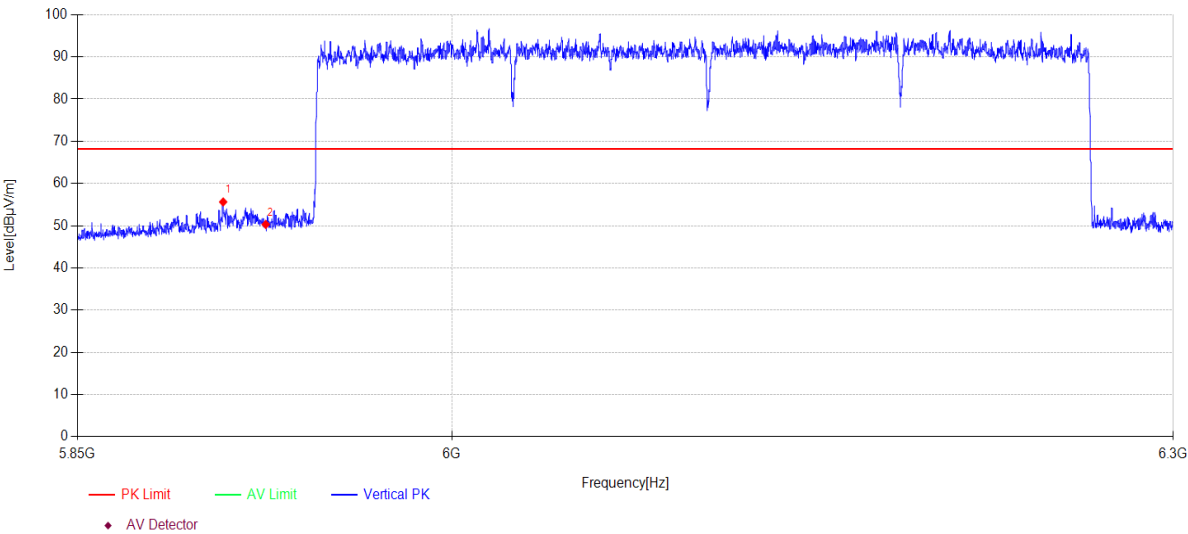
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\18

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	5907.960	15.55	34.12	5.96	0.00	55.63	68.20	12.57	PK	Vertical
2	5925.000	10.19	34.15	5.97	0.00	50.31	68.20	17.89	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE320 TX 6905MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

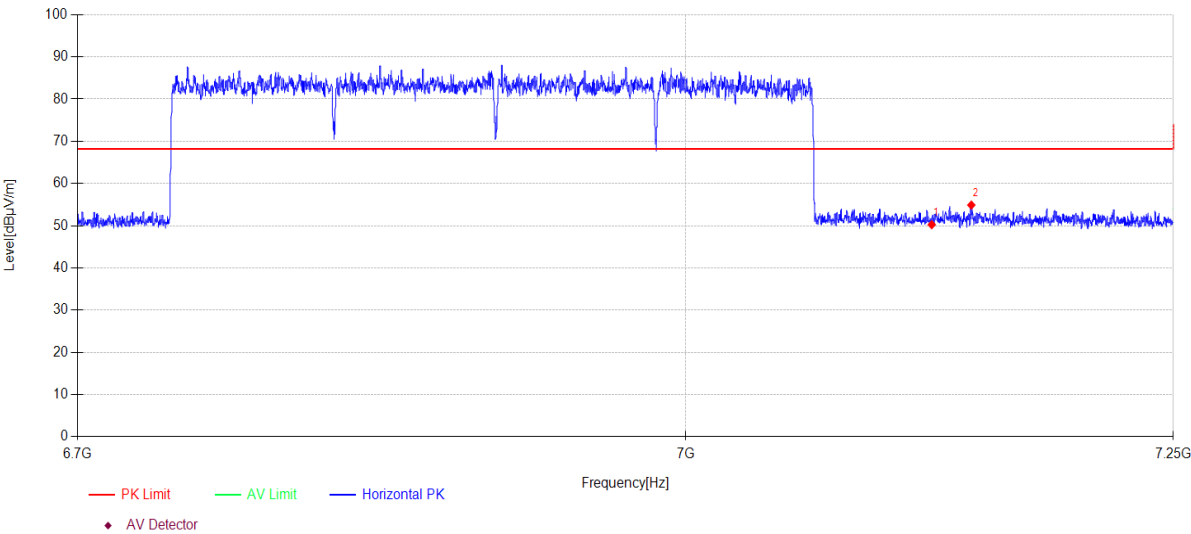
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\19

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	7125.000	6.99	36.65	6.61	0.00	50.25	68.20	17.95	PK	Horizontal
2	7145.335	11.59	36.69	6.61	0.00	54.89	68.20	13.31	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE320 TX 6905MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

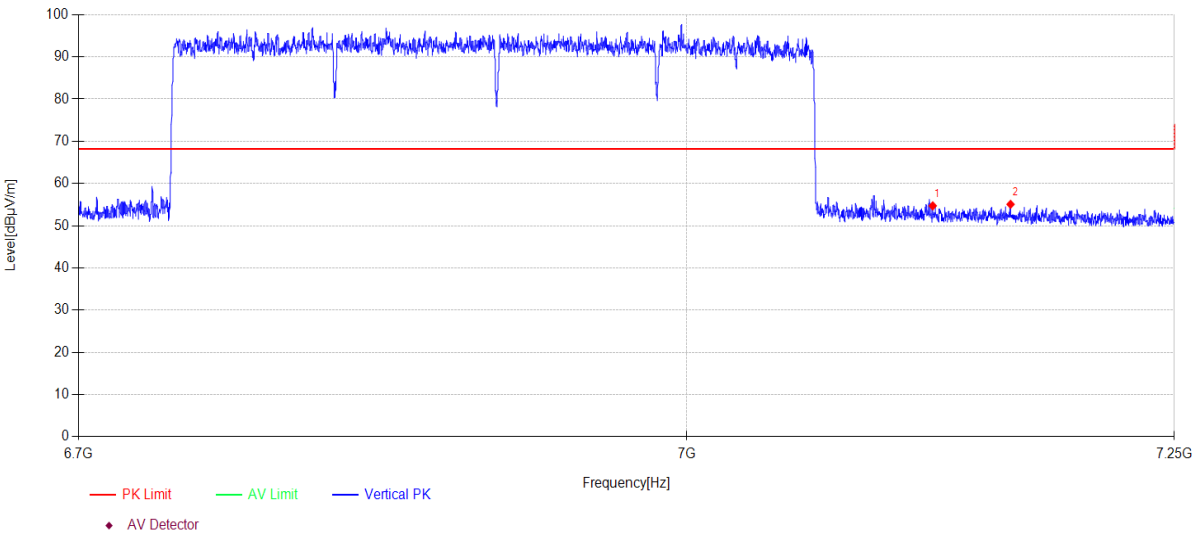
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\20

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	7125.000	11.45	36.65	6.61	0.00	54.71	68.20	13.49	PK	Vertical
2	7165.025	11.72	36.73	6.62	0.00	55.07	68.20	13.13	PK	Vertical

Note:

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

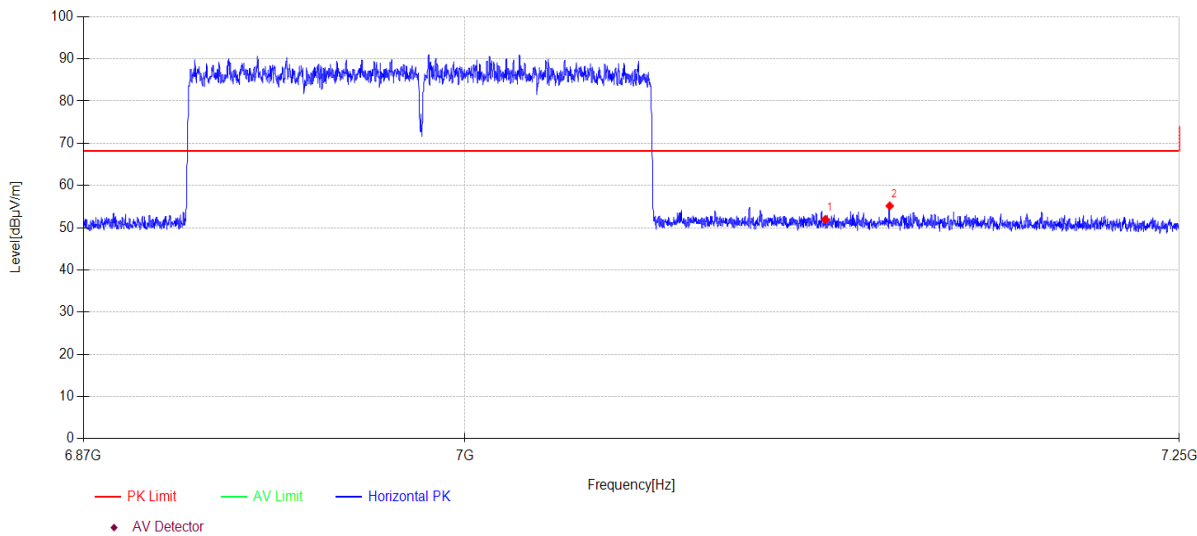
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-04-25 Tested By: Junchang Du
EUT: Wireless Access Point Model Number: RG-RAP73Pro
Test Mode: 11AX160 TX 6985MHz ANT1+2+3 Power Supply: AC 120V/60Hz
Condition: Temp:23.4°C;Humi:62.3% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\21
Memo: Sample Number:S24032709-002 Power Setting:13

Test Graph



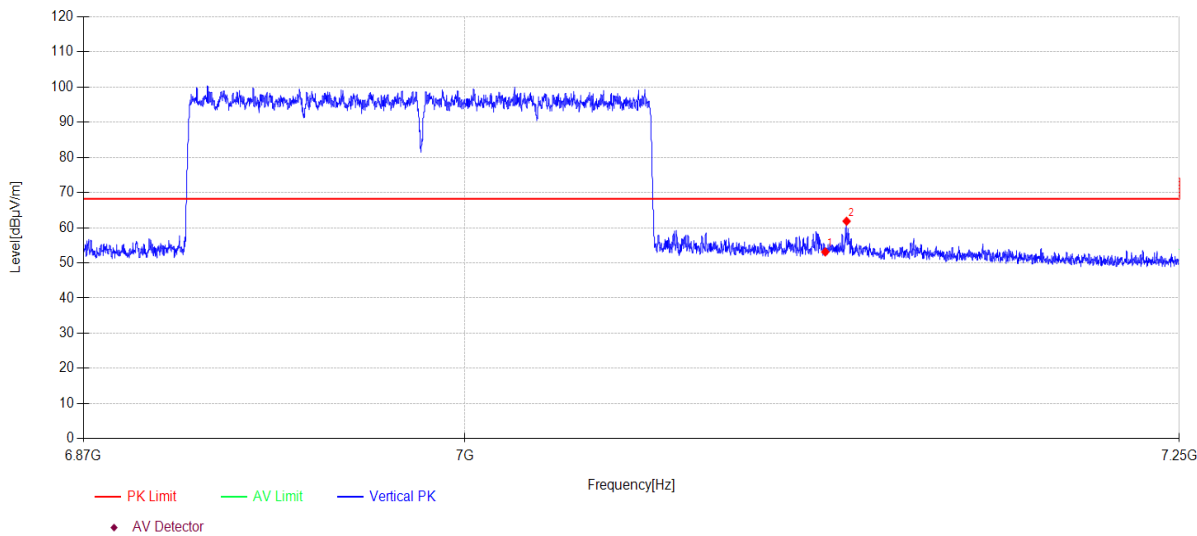
Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.000	8.69	36.65	6.61	0.00	51.95	68.20	16.25	PK	Horizontal
2	7147.590	11.85	36.70	6.61	0.00	55.16	68.20	13.04	PK	Horizontal

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: 2024-04-25 Tested By: Junchang Du
EUT: Wireless Access Point Model Number: RG-RAP73Pro
Test Mode: 11AX160 TX 6985MHz ANT1+2+3 Power Supply: AC 120V/60Hz
Condition: Temp:23.4°C;Humi:62.3% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\22
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	7125.000	9.86	36.65	6.61	0.00	53.12	68.20	15.08	PK	Vertical
2	7132.466	18.58	36.66	6.61	0.00	61.85	68.20	6.35	PK	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-04-25

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11BE160 TX 6985MHz ANT1+2+3

Power Supply:AC 120V/60Hz

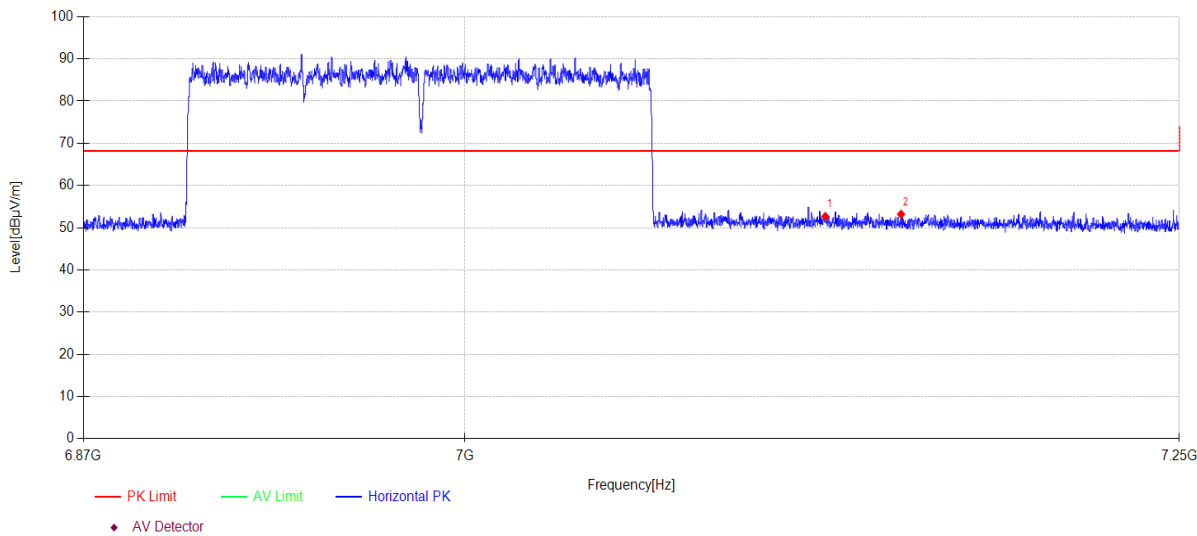
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\23

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	7125.000	9.41	36.65	6.61	0.00	52.67	68.20	15.53	PK	Horizontal
2	7151.580	9.88	36.70	6.62	0.00	53.20	68.20	15.00	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE160 TX 6985MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

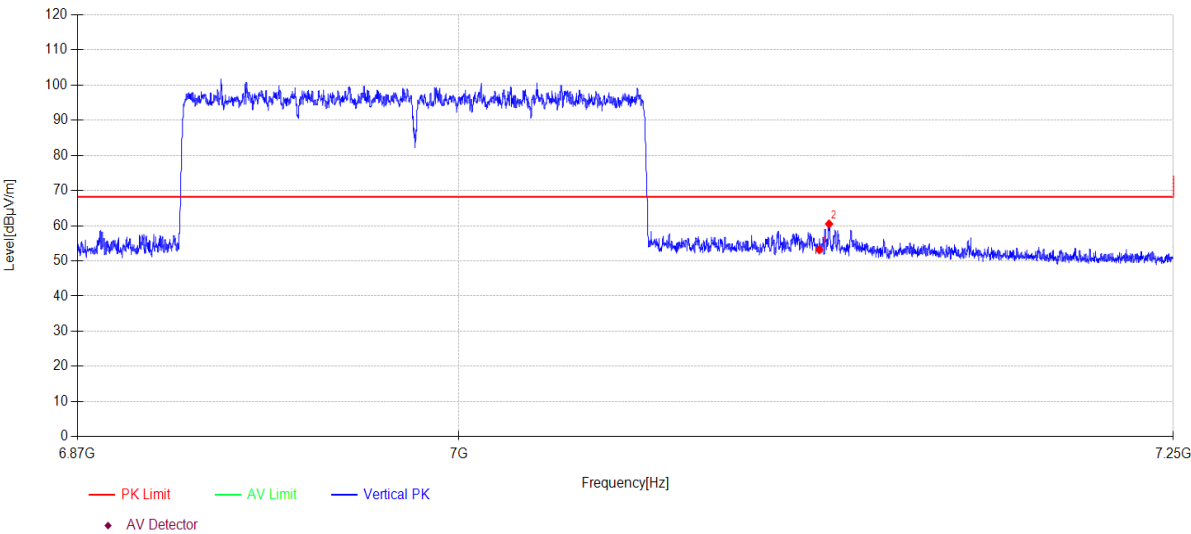
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Memo:

Sample Number:S24032709-002 Power Setting: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	7125.000	9.90	36.65	6.61	0.00	53.16	68.20	15.04	PK	Vertical
2	7128.438	17.24	36.66	6.61	0.00	60.51	68.20	7.69	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX80 TX 7025MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

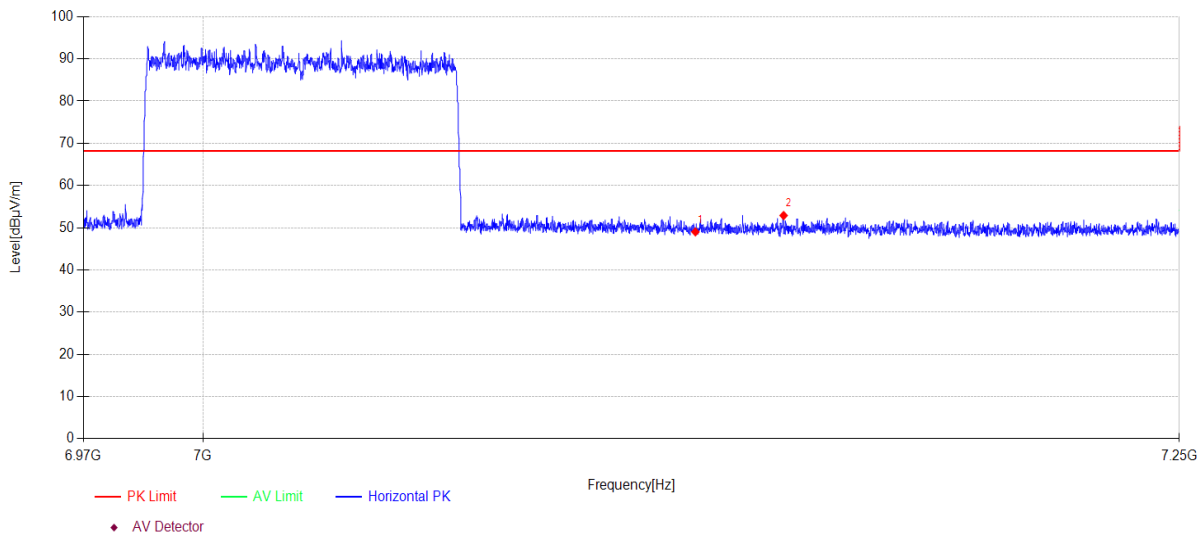
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Memo:

Sample Number:S24032709-002 Power Setting:10

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	7125.000	5.76	36.65	6.61	0.00	49.02	68.20	19.18	PK	Horizontal
2	7147.632	9.58	36.70	6.61	0.00	52.89	68.20	15.31	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX80 TX 7025MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

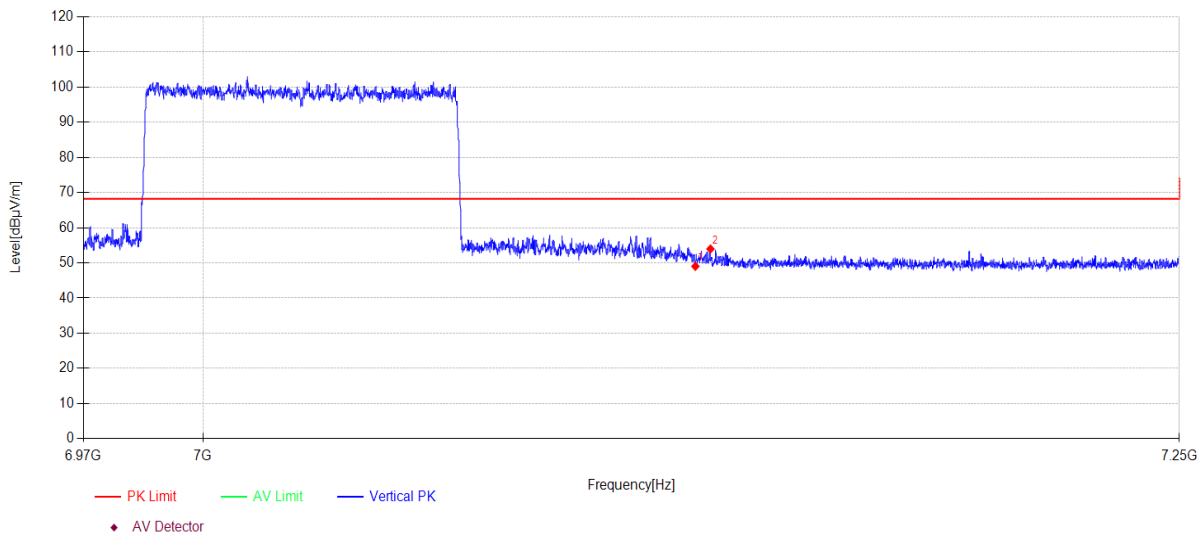
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Memo:

Sample Number:S24032709-002 Power Setting:10

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	7125.000	5.76	36.65	6.61	0.00	49.02	68.20	19.18	PK	Vertical
2	7128.872	10.69	36.66	6.61	0.00	53.96	68.20	14.24	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:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE80 TX 7025MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

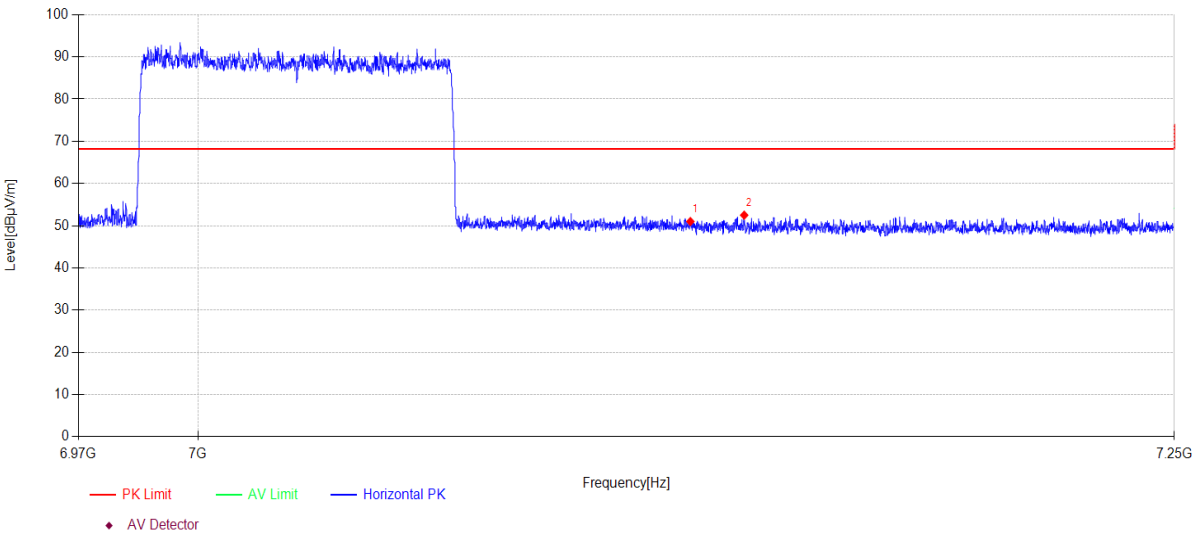
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\27

Memo:

Sample Number:S24032709-002 Power Setting:10

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	7125.000	7.74	36.65	6.61	0.00	51.00	68.20	17.20	PK	Horizontal
2	7138.784	9.21	36.68	6.61	0.00	52.50	68.20	15.70	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:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE80 TX 7025MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

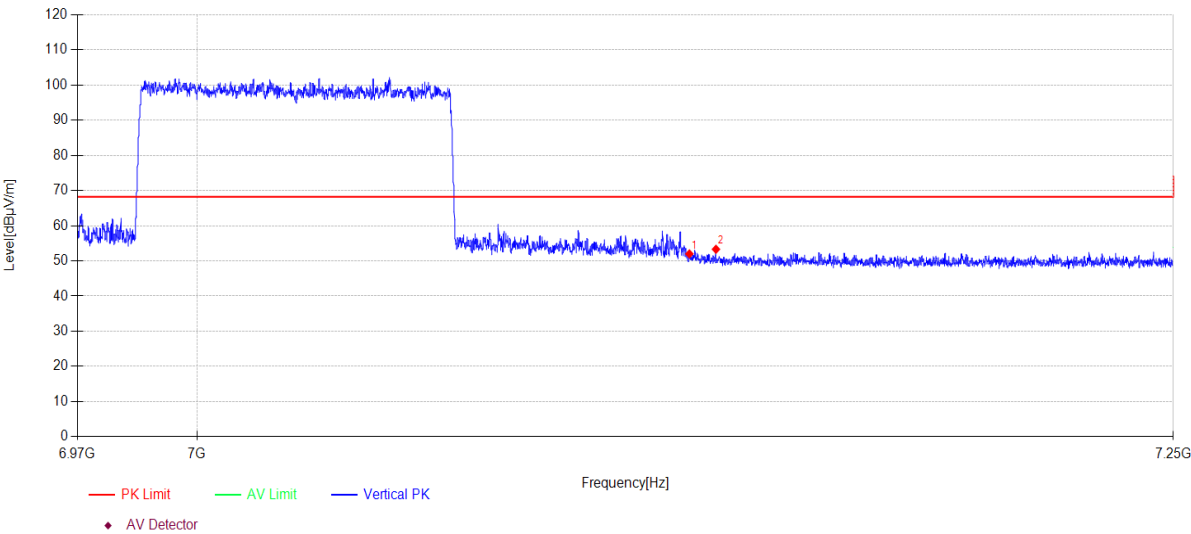
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Memo:

Sample Number:S24032709-002 Power Setting:10

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	7125.000	8.74	36.65	6.61	0.00	52.00	68.20	16.20	PK	Vertical
2	7131.812	10.04	36.66	6.61	0.00	53.31	68.20	14.89	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX40 TX 7085MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

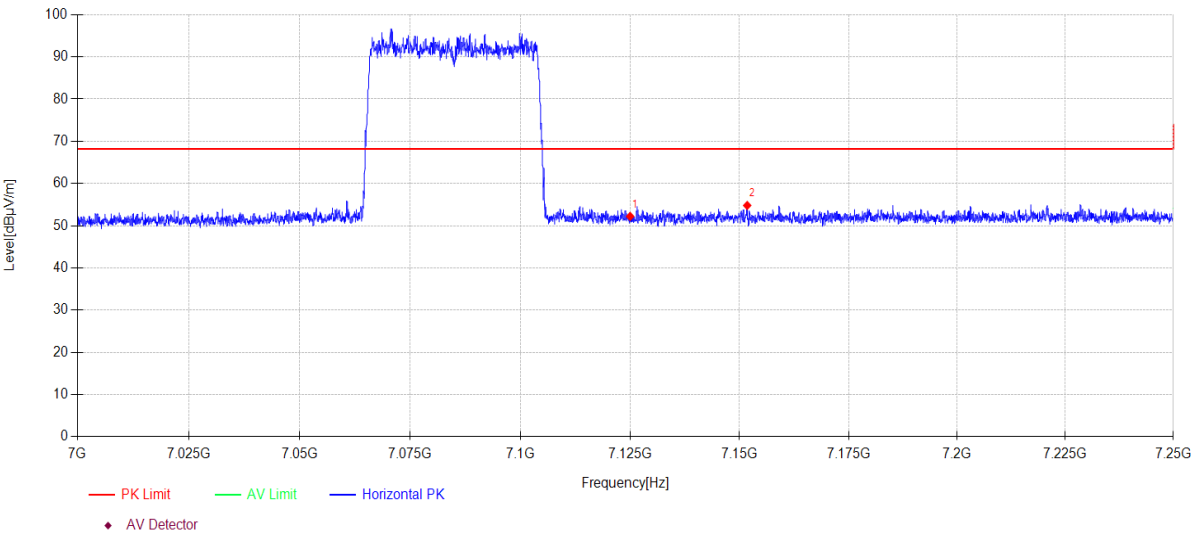
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Memo:

Sample Number:S24032709-002 Power Setting:7

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	7125.000	8.96	36.65	6.61	0.00	52.22	68.20	15.98	PK	Horizontal
2	7151.750	11.48	36.70	6.62	0.00	54.80	68.20	13.40	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:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX40 TX 7085MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

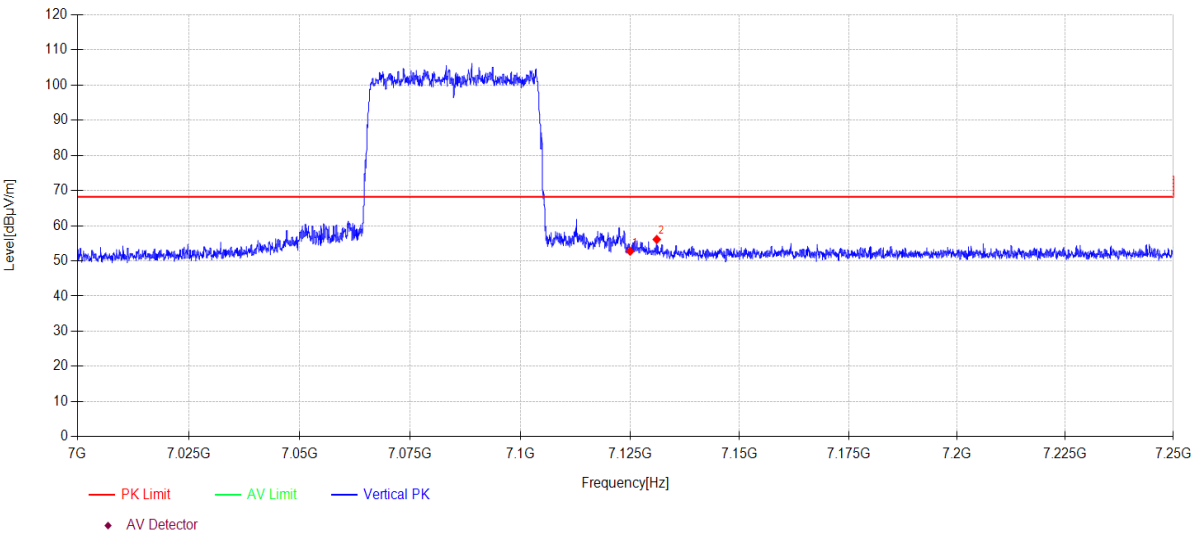
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Memo:

Sample Number:S24032709-002 Power Setting:7

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	7125.000	9.47	36.65	6.61	0.00	52.73	68.20	15.47	PK	Vertical
2	7131.075	12.83	36.66	6.61	0.00	56.10	68.20	12.10	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40 TX 7085MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

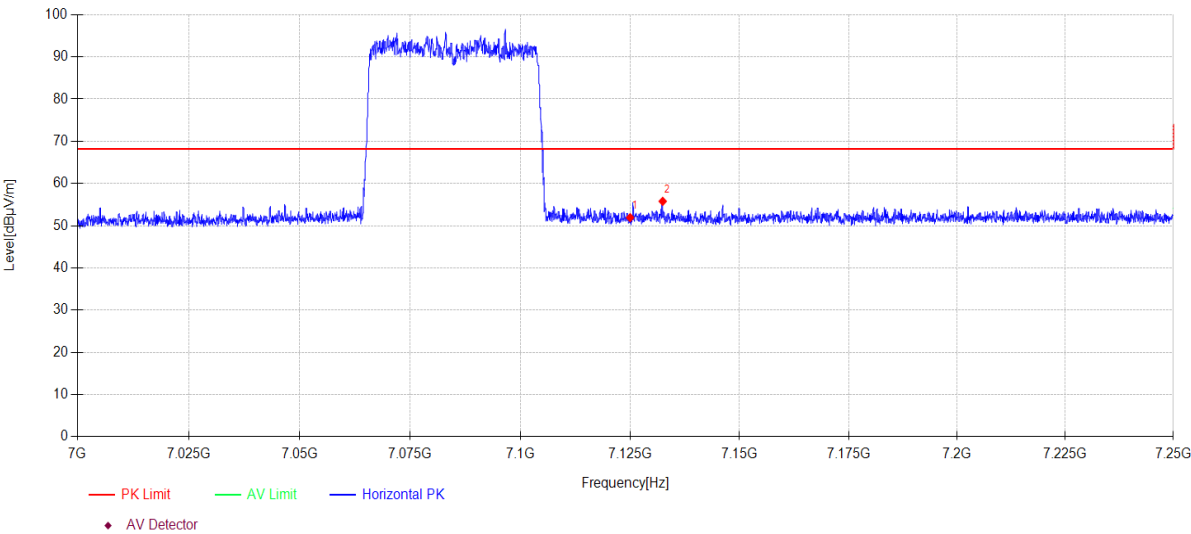
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Memo:

Sample Number:S24032709-002 Power Setting:7

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	7125.000	8.67	36.65	6.61	0.00	51.93	68.20	16.27	PK	Horizontal
2	7132.425	12.52	36.66	6.61	0.00	55.79	68.20	12.41	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40 TX 7085MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

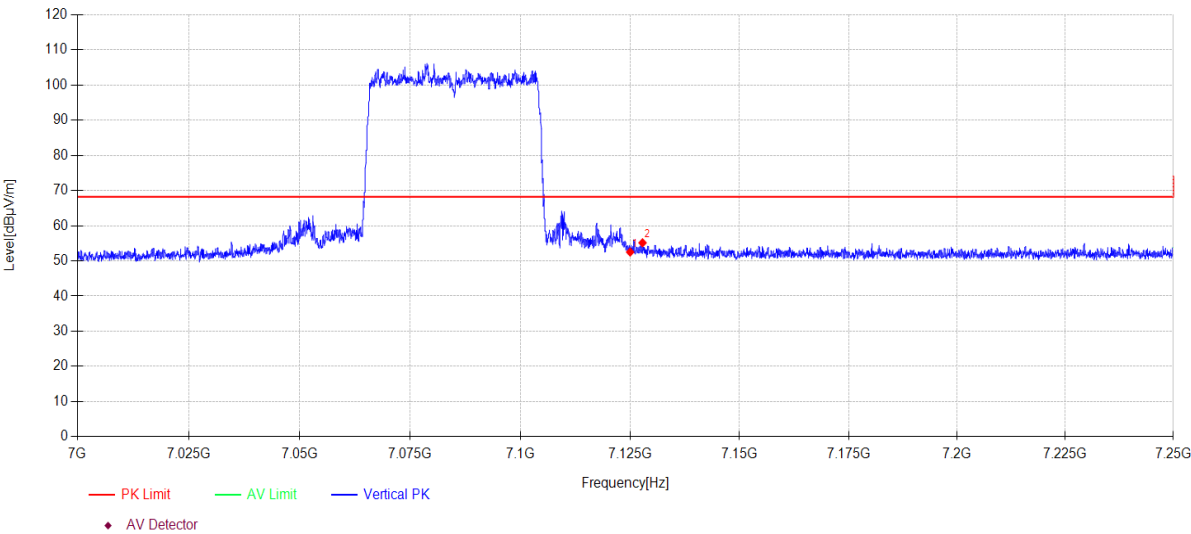
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\32

Memo:

Sample Number:S24032709-002 Power Setting:7

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	7125.000	9.26	36.65	6.61	0.00	52.52	68.20	15.68	PK	Vertical
2	7127.825	11.87	36.66	6.61	0.00	55.14	68.20	13.06	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 7115MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

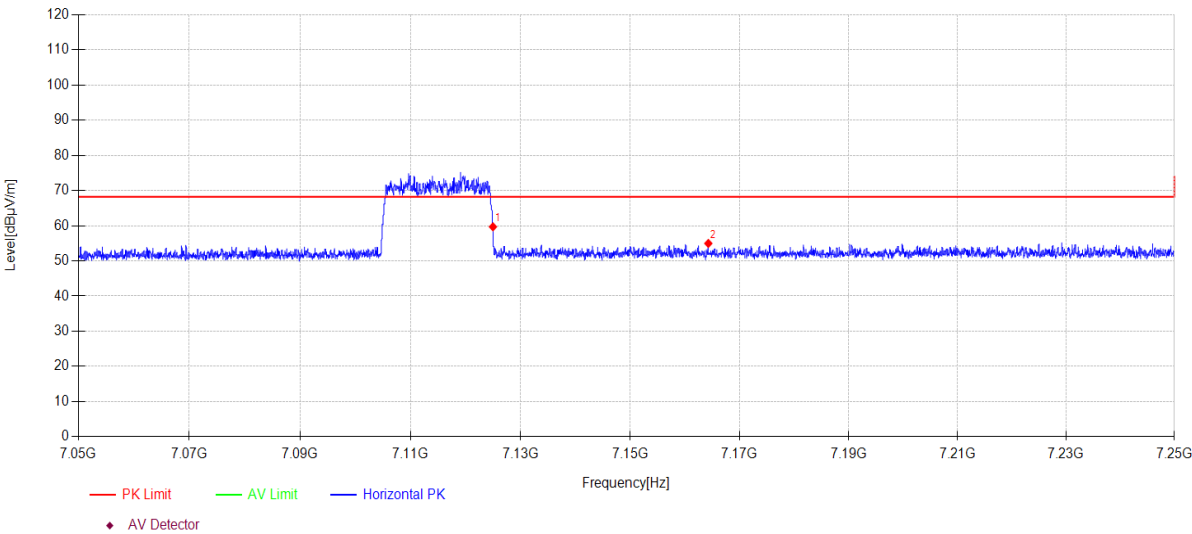
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Memo:

Sample Number:S24032709-002 Power Setting:-15

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	7125.000	16.43	36.65	6.61	0.00	59.69	68.20	8.51	PK	Horizontal
2	7164.280	11.62	36.73	6.62	0.00	54.97	68.20	13.23	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:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 7115MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

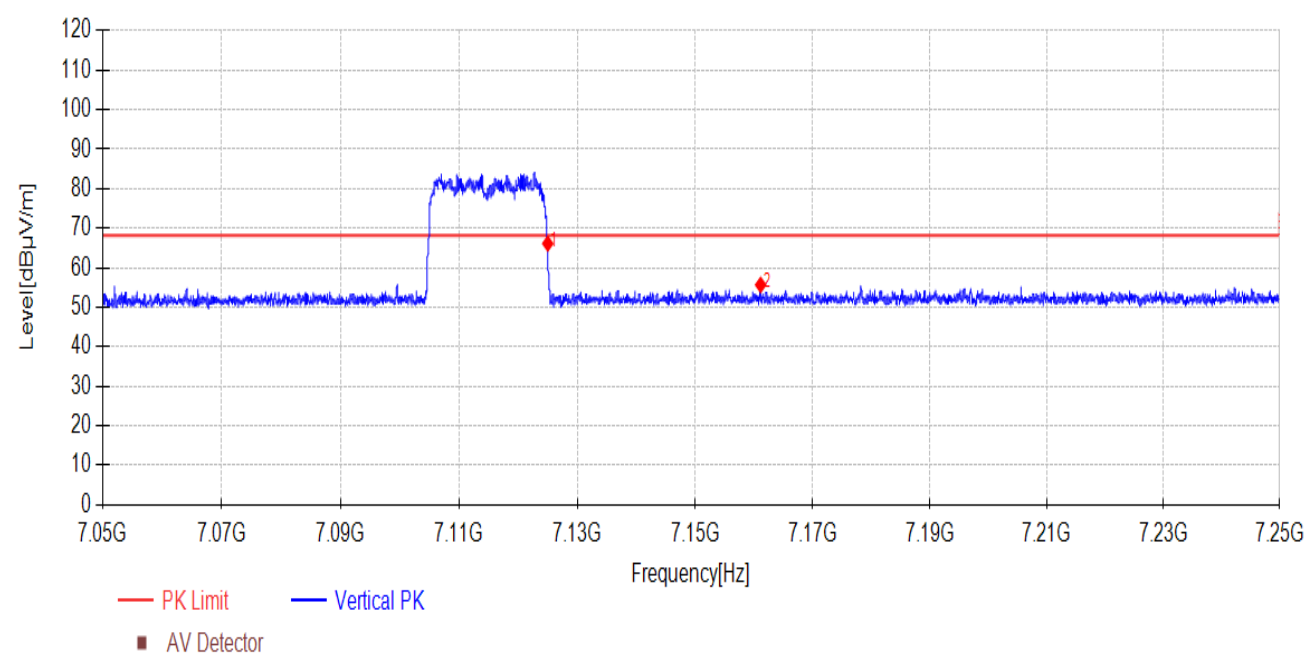
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Memo:

Sample Number:S24032709-002 Power Setting:-15

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.000	22.88	43.26	66.14	68.20	2.06	PK	Vertical
2	7161.140	12.35	43.34	55.69	68.20	12.51	PK	Vertical

Note:

- Level = Reading + Factor
- 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:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20 TX 7115MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

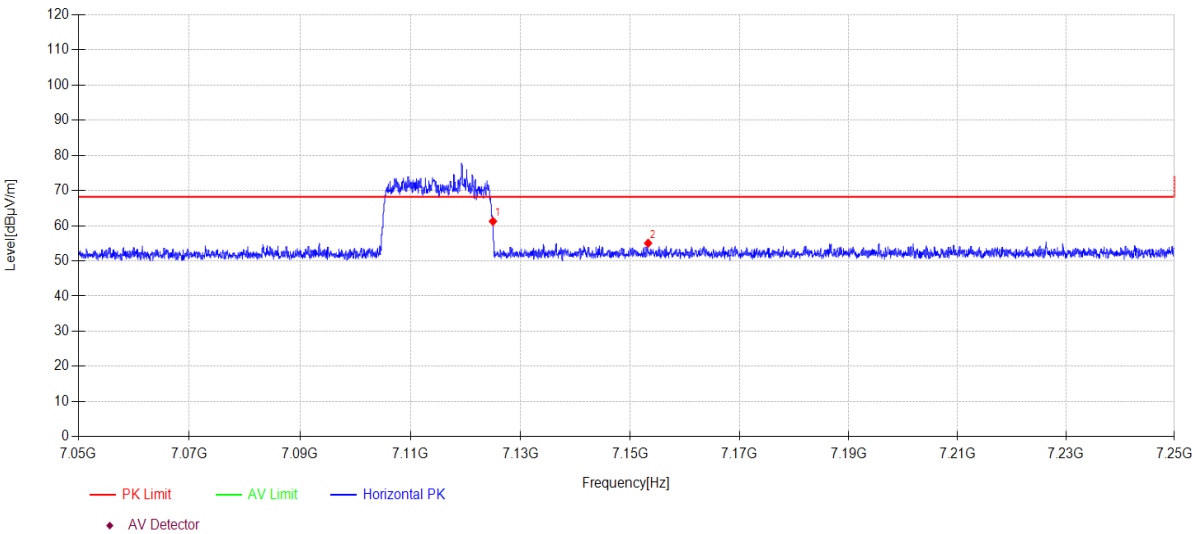
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Memo:

Sample Number:S24032709-002 Power Setting:-15

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	7125.000	17.99	36.65	6.61	0.00	61.25	68.20	6.95	PK	Horizontal
2	7153.280	11.70	36.71	6.62	0.00	55.03	68.20	13.17	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:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20 TX 7115MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

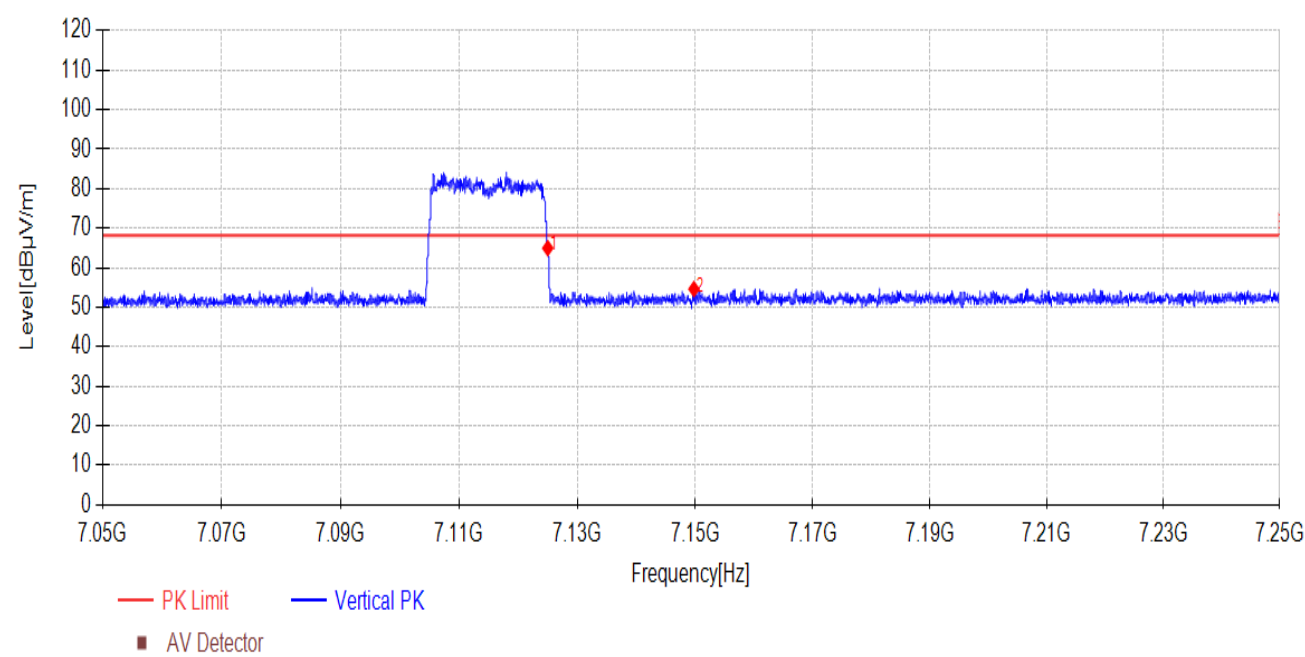
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Memo:

Sample Number:S24032709-002 Power Setting:-15

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.000	21.73	43.26	64.99	68.20	3.21	PK	Vertical
2	7149.800	11.33	43.31	54.64	68.20	13.56	PK	Vertical

Note:

1. Level = Reading + Factor

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:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20MIMO RU38+RU1 TX
5955MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

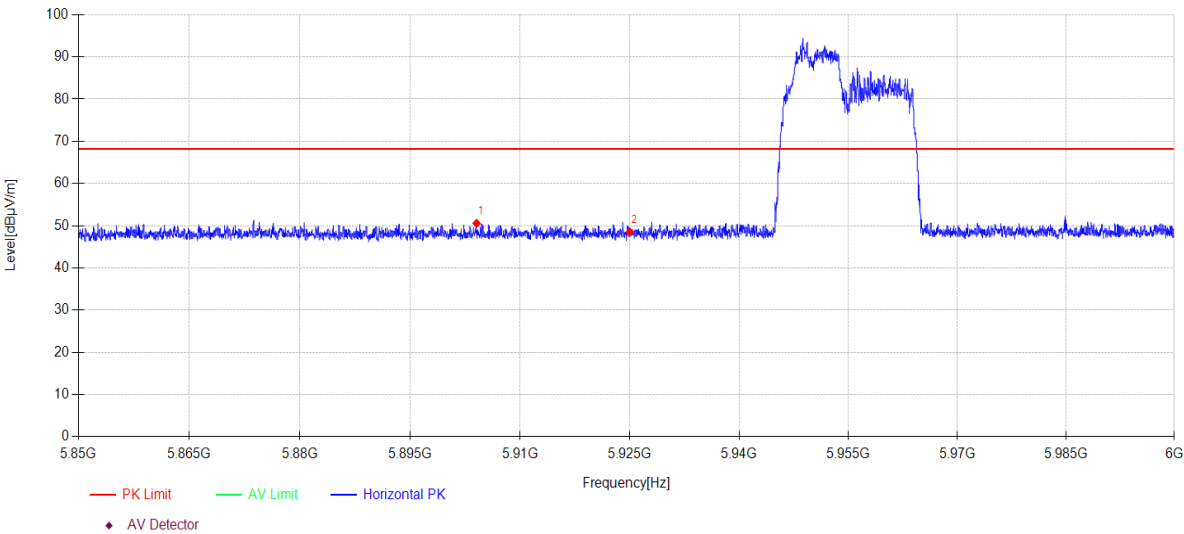
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Memo:

Sample Number:S24032709-002 Power Setting:4

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	5904.060	10.50	34.11	5.96	0.00	50.57	68.20	17.63	PK	Horizontal
2	5925.000	8.38	34.15	5.97	0.00	48.50	68.20	19.70	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:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20MIMO RU38+RU1 TX
5955MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

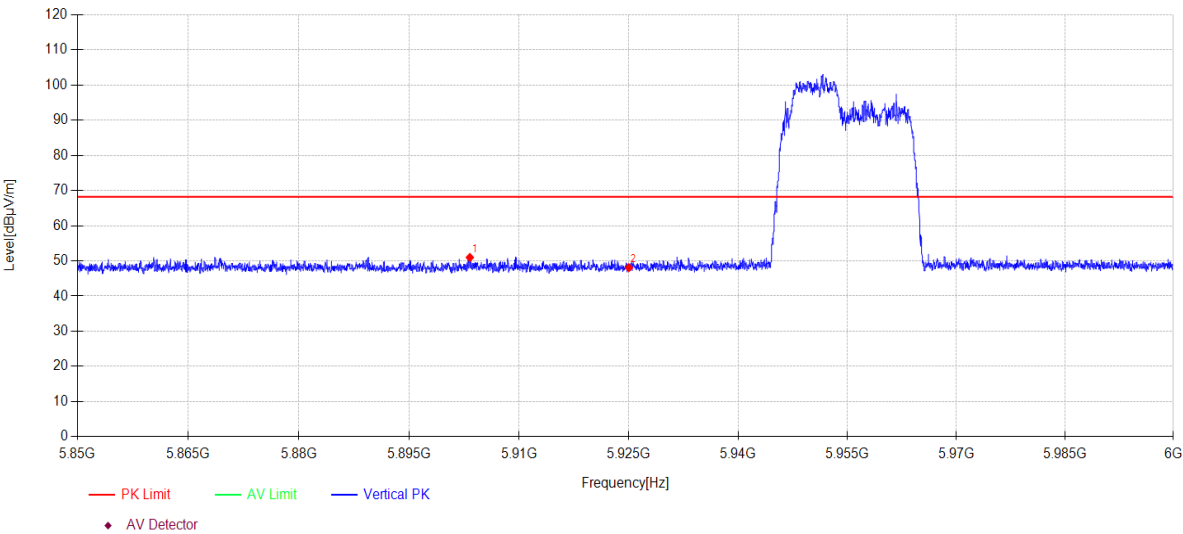
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Memo:

Sample Number:S24032709-002 Power Setting:4

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	5903.280	10.91	34.11	5.96	0.00	50.98	68.20	17.22	PK	Vertical
2	5925.000	7.96	34.15	5.97	0.00	48.08	68.20	20.12	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:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40MIMO RU53+RU4 TX
5965MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

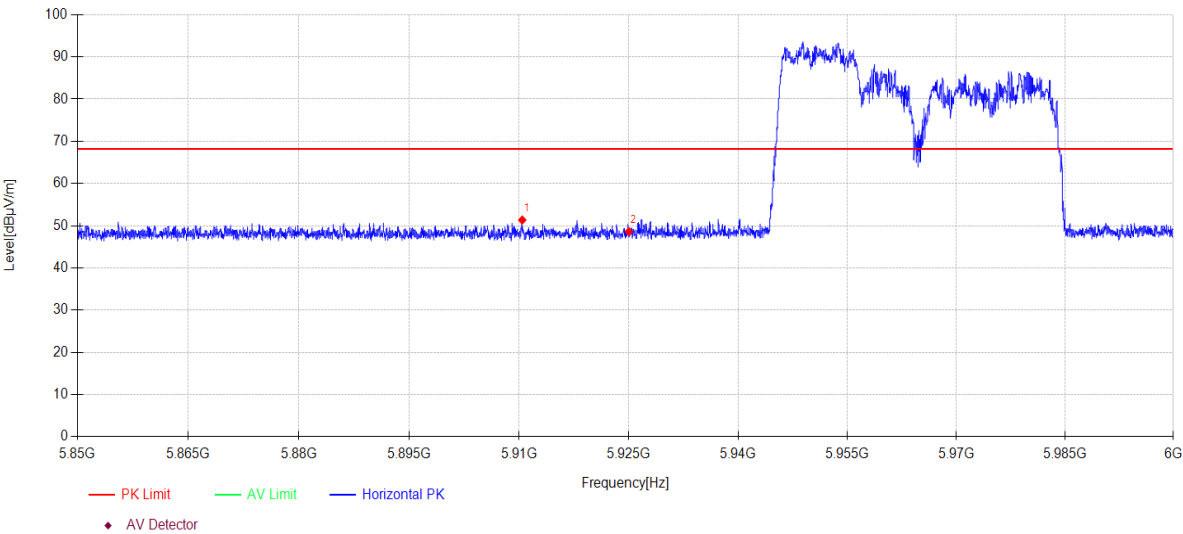
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\43

Memo:

Sample Number:S24032709-002 Power Setting:7

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	5910.435	11.26	34.12	5.97	0.00	51.35	68.20	16.85	PK	Horizontal
2	5925.000	8.50	34.15	5.97	0.00	48.62	68.20	19.58	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40MIMO RU53+RU4 TX
5965MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

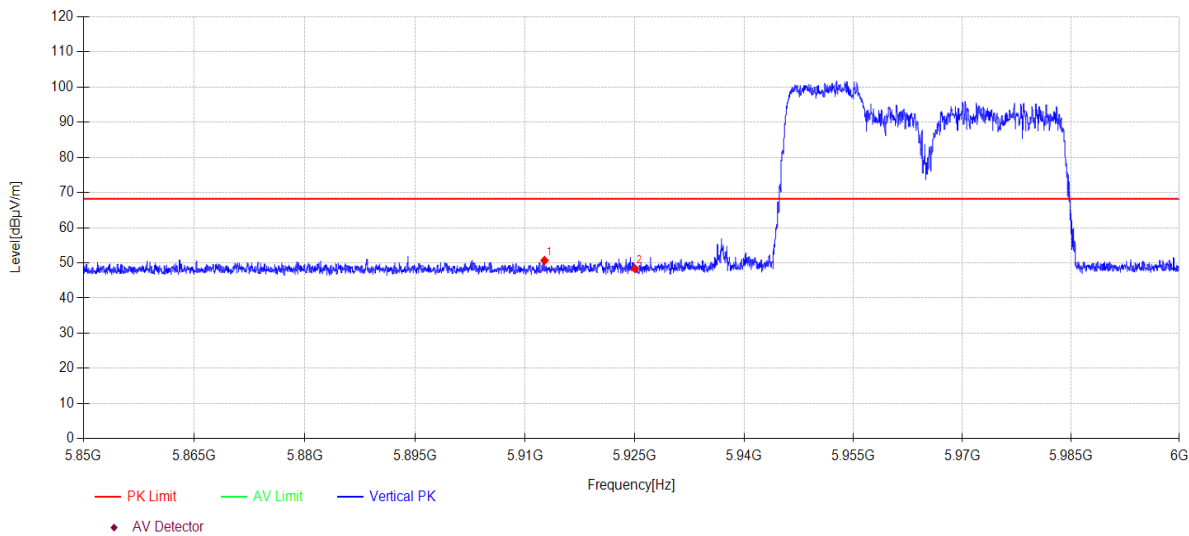
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\44

Memo:

Sample Number:S24032709-002 Power Setting:7

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	5912.655	10.60	34.13	5.97	0.00	50.70	68.20	17.50	PK	Vertical
2	5925.000	8.27	34.15	5.97	0.00	48.39	68.20	19.81	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:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE80MIMO RU65+RU63 TX
5985MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

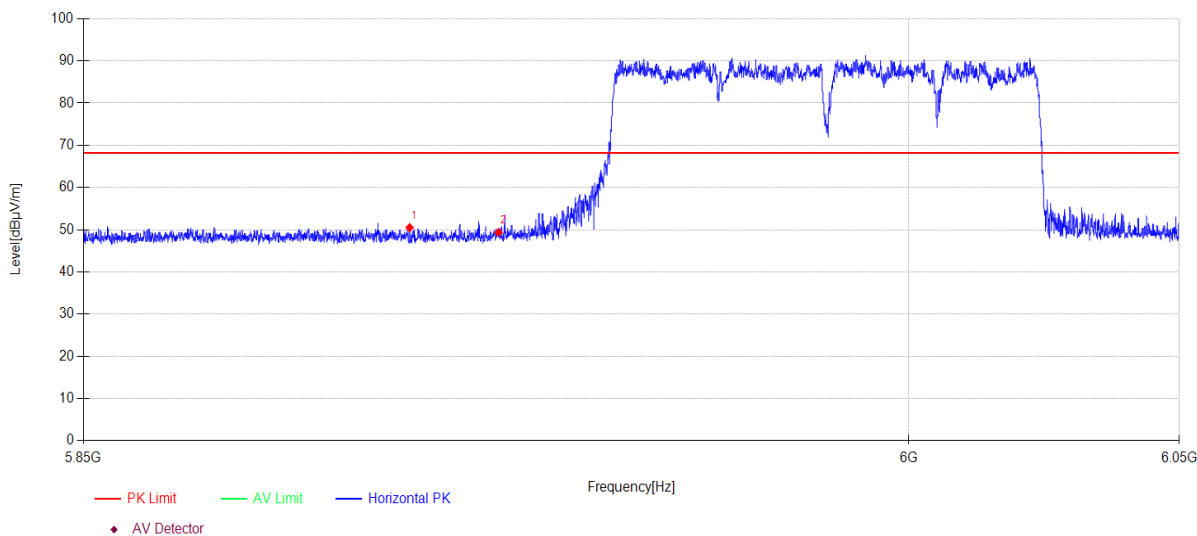
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\45

Memo:

Sample Number:S24032709-002 Power Setting:10

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	5908.840	10.43	34.12	5.96	0.00	50.51	68.20	17.69	PK	Horizontal
2	5925.000	9.26	34.15	5.97	0.00	49.38	68.20	18.82	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE80MIMO RU65+RU63 TX
5985MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

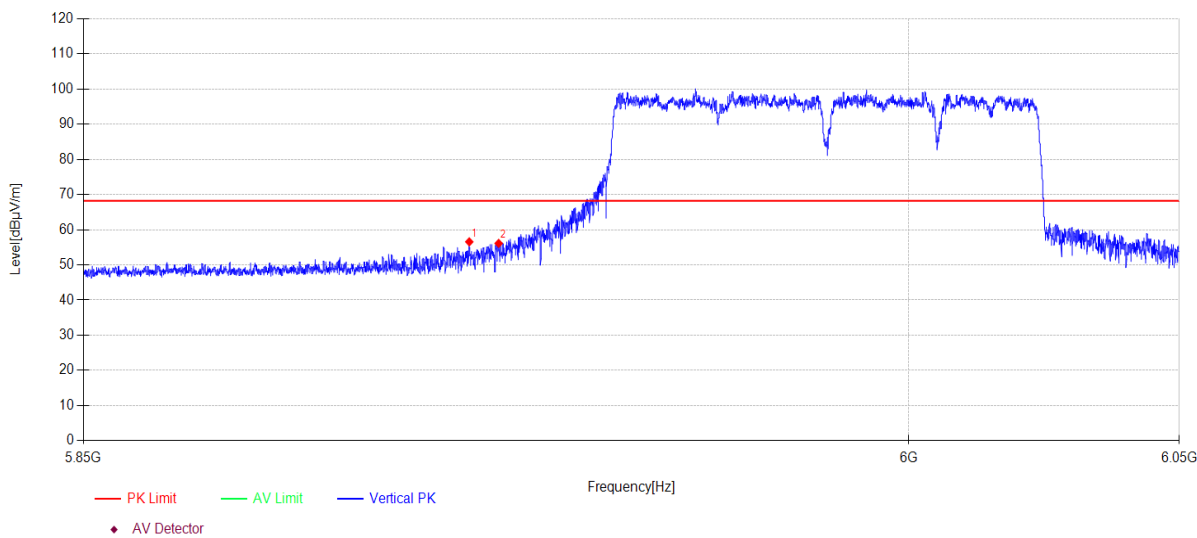
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Memo:

Sample Number:S24032709-002 Power Setting:10

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	5919.660	16.45	34.14	5.97	0.00	56.56	68.20	11.64	PK	Vertical
2	5925.000	16.00	34.15	5.97	0.00	56.12	68.20	12.08	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE80MIMO RU66+RU62 TX
7025MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

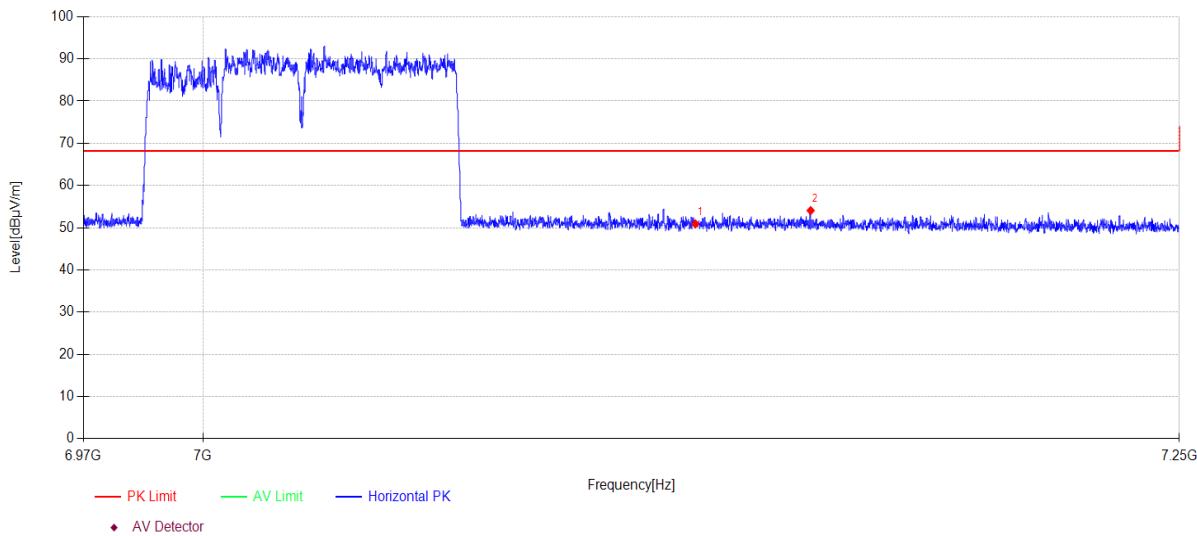
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\47

Memo:

Sample Number:S24032709-002 Power Setting:10

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	7125.000	7.65	36.65	6.61	0.00	50.91	68.20	17.29	PK	Horizontal
2	7154.576	10.74	36.71	6.62	0.00	54.07	68.20	14.13	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:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE80MIMO RU66+RU62 TX
7025MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

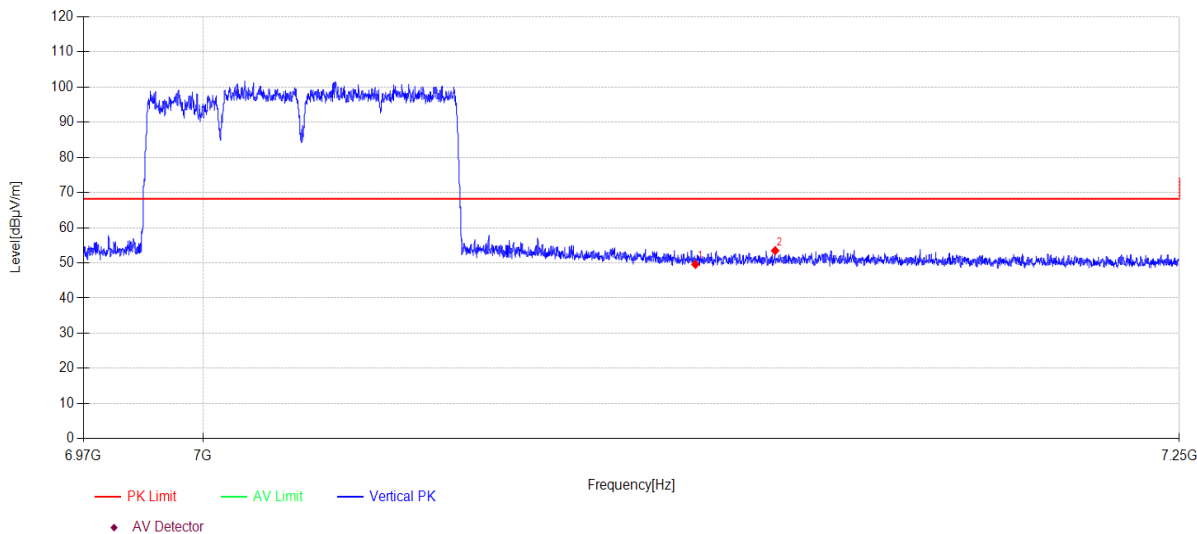
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\48

Memo:

Sample Number:S24032709-002 Power Setting:10

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	7125.000	6.32	36.65	6.61	0.00	49.58	68.20	18.62	PK	Vertical
2	7145.448	10.18	36.69	6.61	0.00	53.48	68.20	14.72	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:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40MIMO RU65+RU13 TX
7085MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

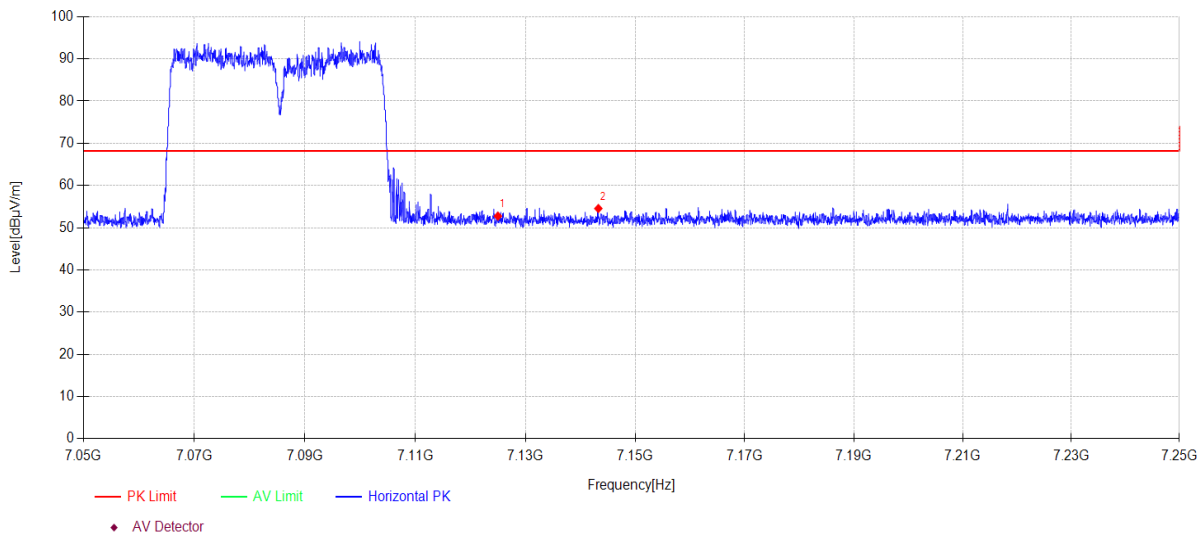
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Memo:

Sample Number:S24032709-002 Power Setting:7

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	7125.000	9.49	36.65	6.61	0.00	52.75	68.20	15.45	PK	Horizontal
2	7143.280	11.25	36.69	6.61	0.00	54.55	68.20	13.65	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:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE40MIMO RU65+RU13 TX
7085MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

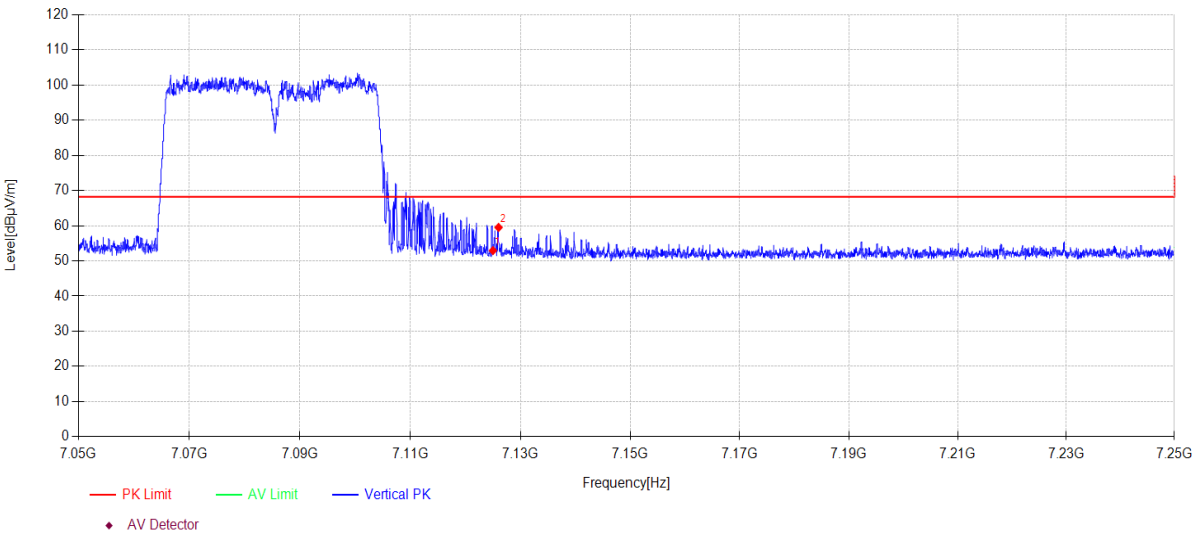
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Memo:

Sample Number:S24032709-002 Power Setting:7

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	7125.000	9.68	36.65	6.61	0.00	52.94	68.20	15.26	PK	Vertical
2	7126.020	16.26	36.65	6.61	0.00	59.52	68.20	8.68	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:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20MIMO RU39+RU7 TX
7115MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

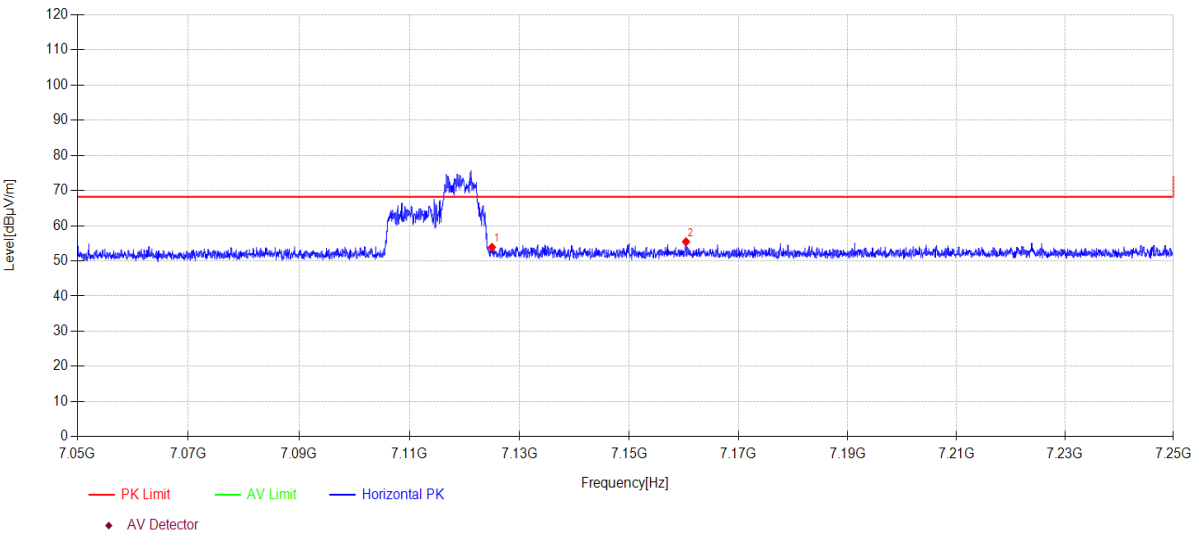
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\57

Memo:

Sample Number:S24032709-002 Power Setting:-15

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	7125.000	10.60	36.65	6.61	0.00	53.86	68.20	14.34	PK	Horizontal
2	7160.380	12.10	36.72	6.62	0.00	55.44	68.20	12.76	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE20MIMO RU39+RU7 TX
7115MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

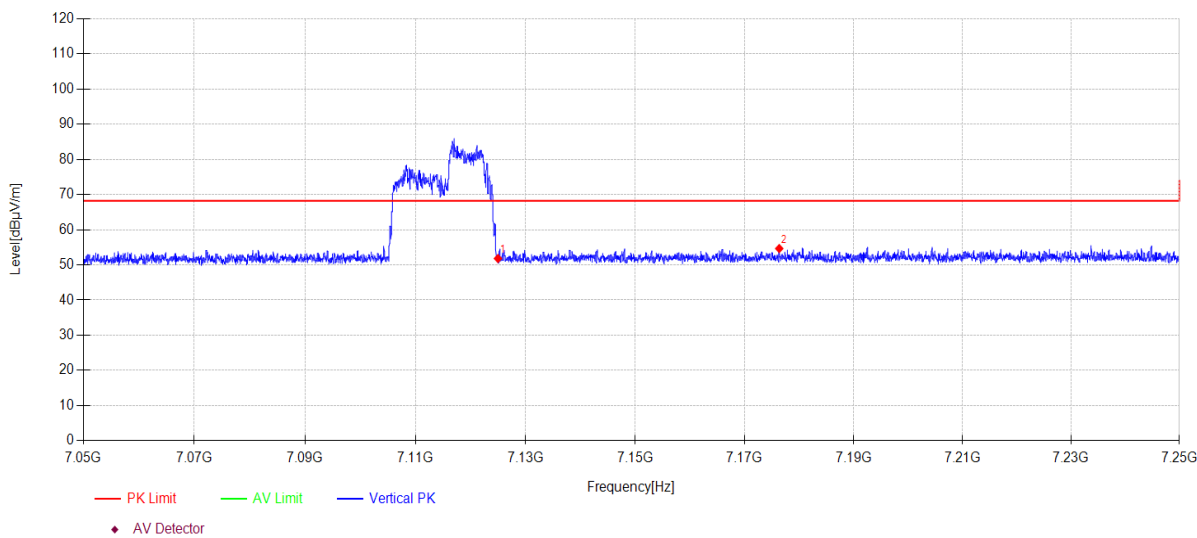
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\58

Memo:

Sample Number:S24032709-002 Power Setting:-15

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	7125.000	8.56	36.65	6.61	0.00	51.82	68.20	16.38	PK	Vertical
2	7176.340	11.29	36.75	6.62	0.00	54.66	68.20	13.54	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE160MIMO MRU puncture40 TX
6025MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

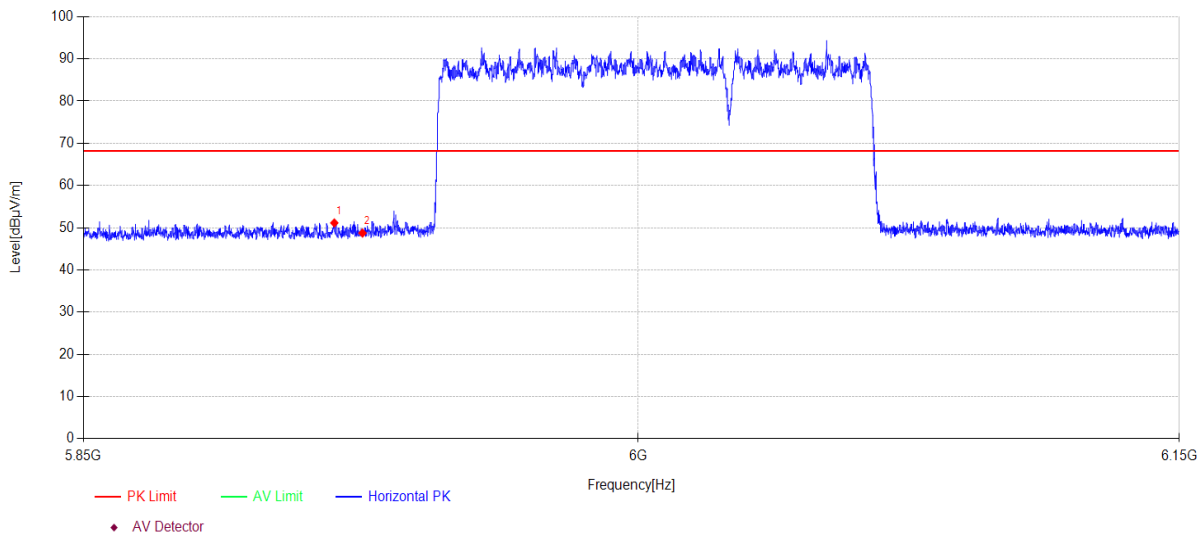
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\59

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	5917.380	11.04	34.13	5.97	0.00	51.14	68.20	17.06	PK	Horizontal
2	5925.000	8.62	34.15	5.97	0.00	48.74	68.20	19.46	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE160MIMO MRU puncture40 TX
6025MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

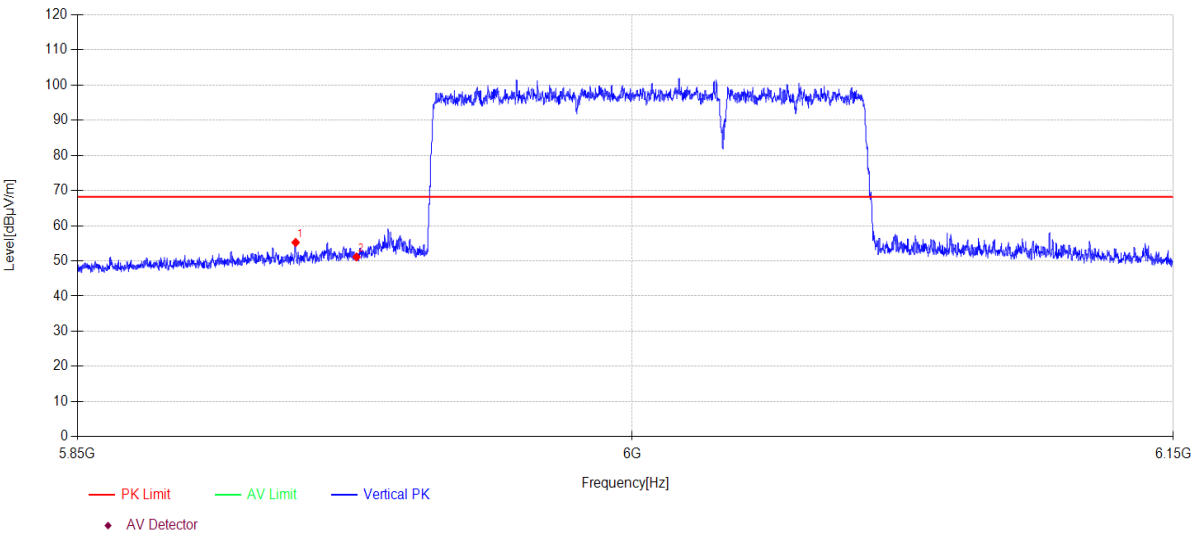
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Memo:

Sample Number:S24032709-002 Power Setting: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	5908.560	15.16	34.12	5.96	0.00	55.24	68.20	12.96	PK	Vertical
2	5925.000	11.00	34.15	5.97	0.00	51.12	68.20	17.08	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE320MIMO MRU puncture80 TX
6105MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

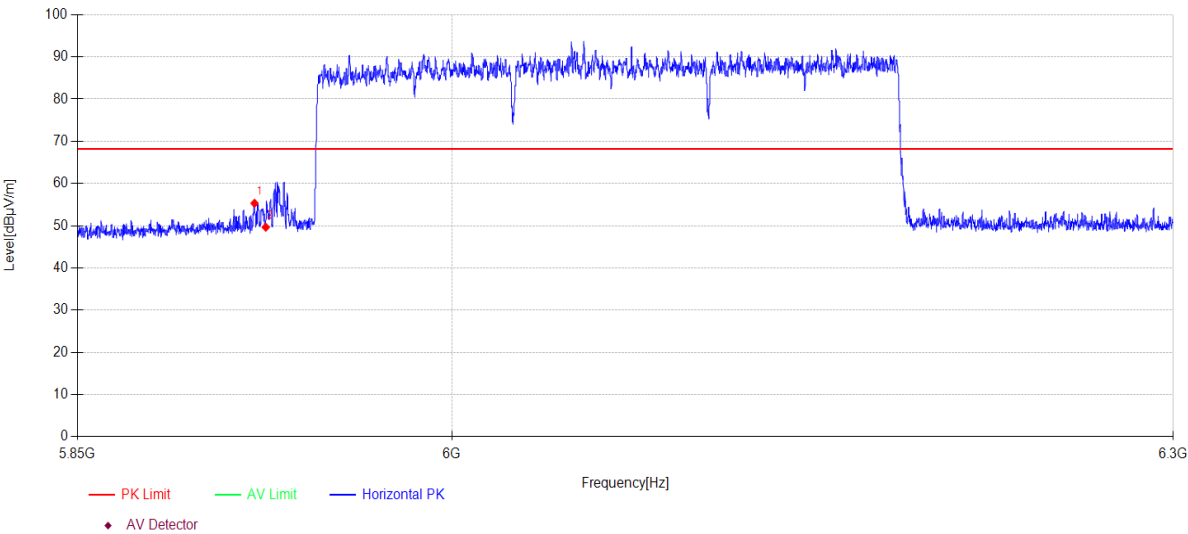
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	5920.515	15.21	34.14	5.97	0.00	55.32	68.20	12.88	PK	Horizontal
2	5925.000	9.54	34.15	5.97	0.00	49.66	68.20	18.54	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE320MIMO MRU puncture80 TX
6105MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

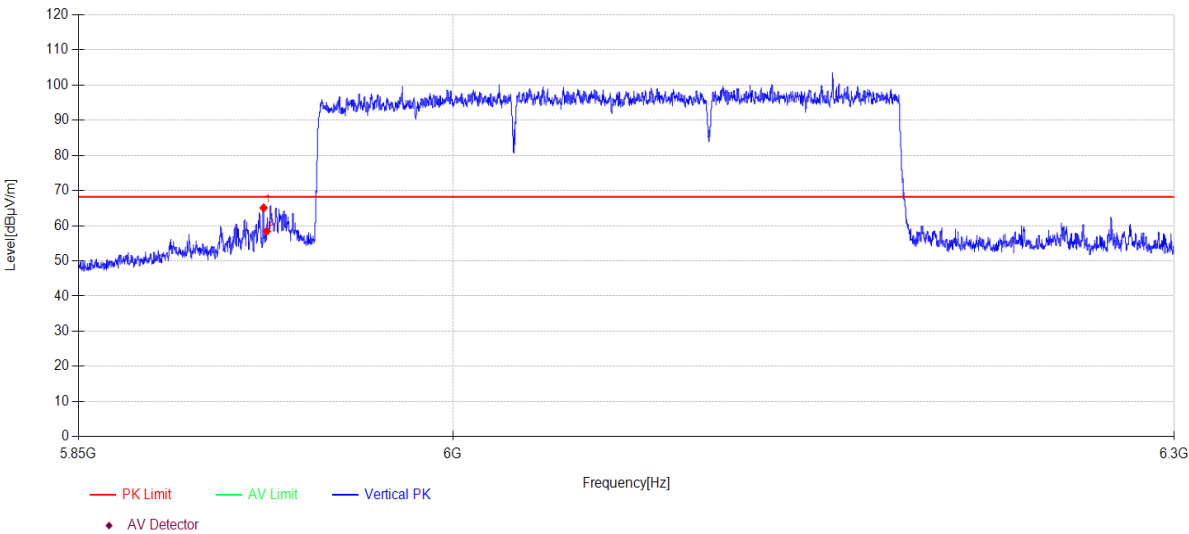
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\62

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	5923.755	24.93	34.15	5.97	0.00	65.05	68.20	3.15	PK	Vertical
2	5925.000	18.31	34.15	5.97	0.00	58.43	68.20	9.77	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE320MIMO MRU puncture80+40
TX 6105MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

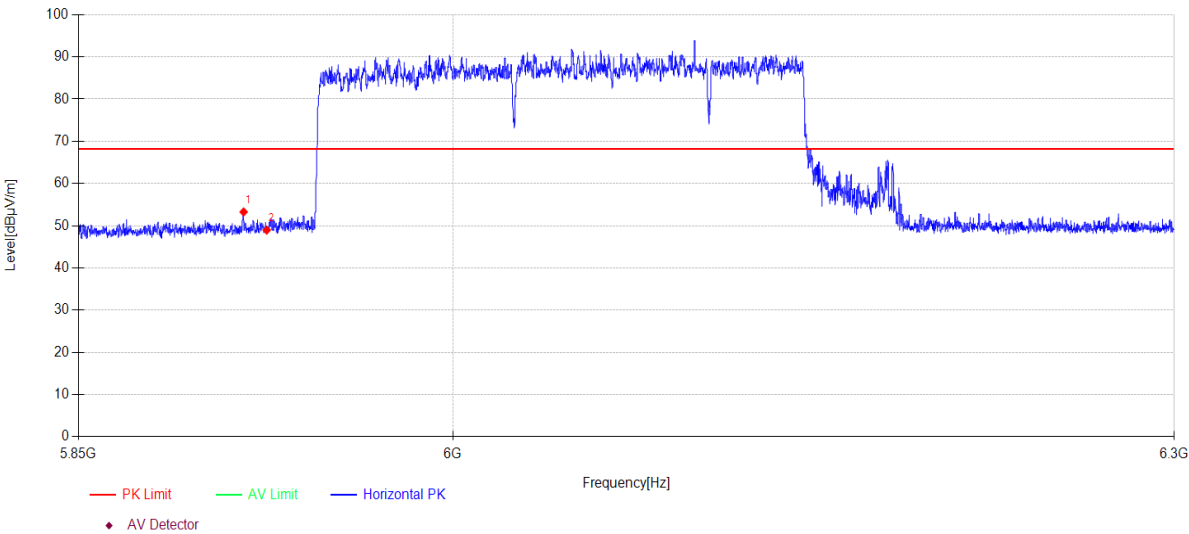
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\63

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	5915.745	13.16	34.13	5.97	0.00	53.26	68.20	14.94	PK	Horizontal
2	5925.000	8.84	34.15	5.97	0.00	48.96	68.20	19.24	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:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE320MIMO MRU puncture80+40
TX 6105MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

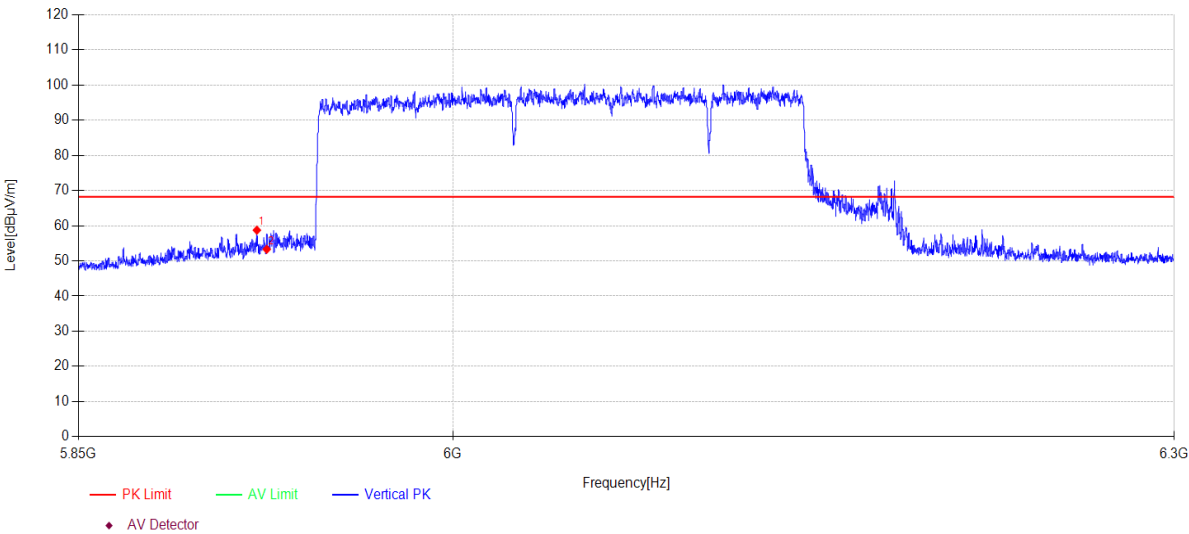
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\64

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	5921.055	18.63	34.14	5.97	0.00	58.74	68.20	9.46	PK	Vertical
2	5925.000	13.18	34.15	5.97	0.00	53.30	68.20	14.90	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:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE320MIMO MRU puncture80 TX
6905MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

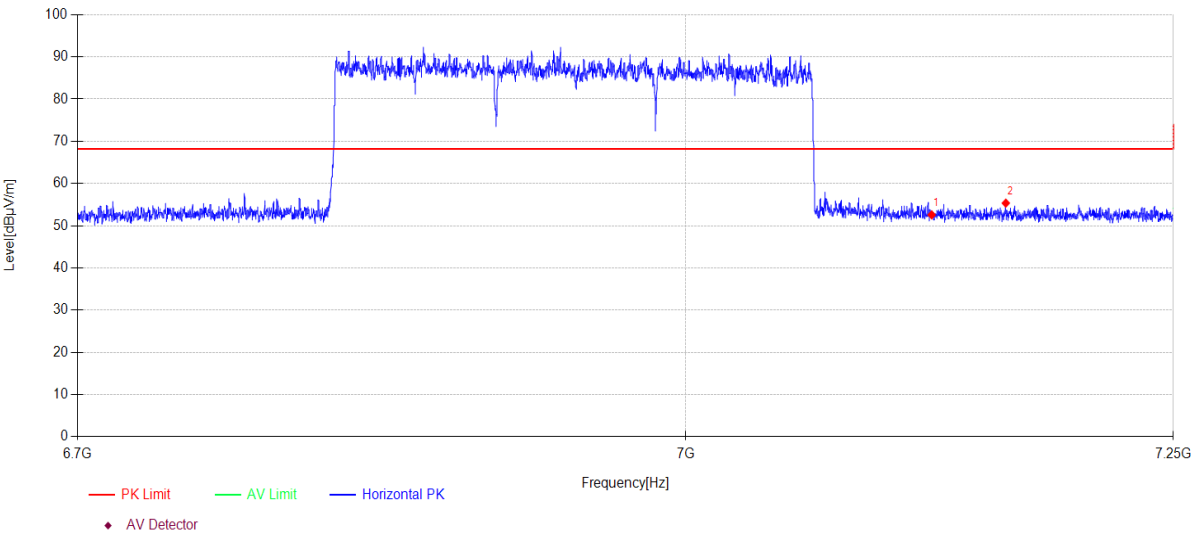
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\65

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	7125.000	9.32	36.65	6.61	0.00	52.58	68.20	15.62	PK	Horizontal
2	7163.100	12.01	36.73	6.62	0.00	55.36	68.20	12.84	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-28

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE320MIMO MRU puncture80 TX
6905MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

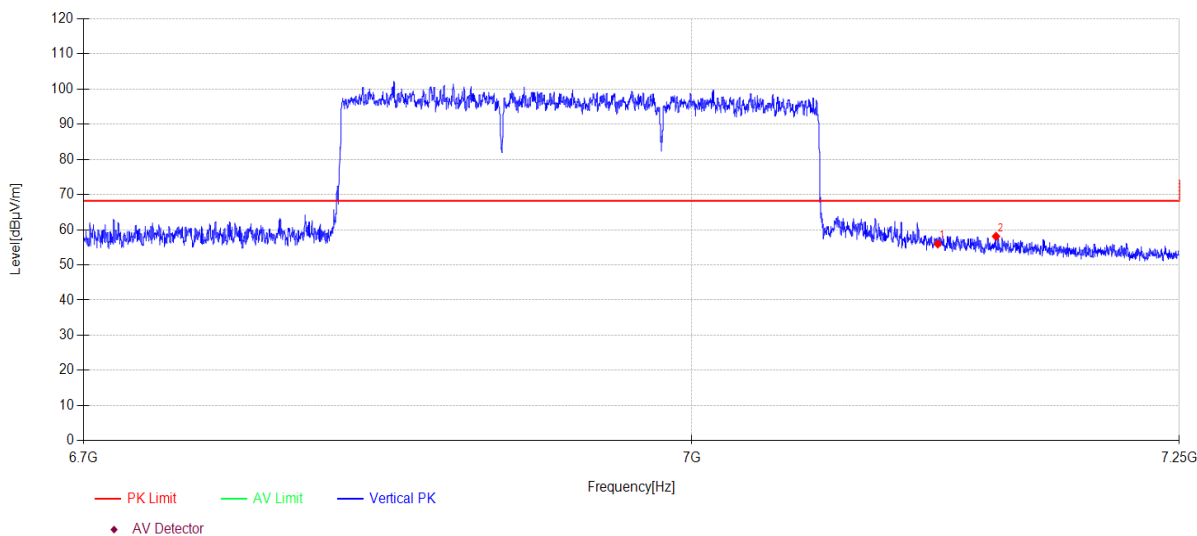
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	7125.000	12.71	36.65	6.61	0.00	55.97	68.20	12.23	PK	Vertical
2	7154.960	14.78	36.71	6.62	0.00	58.11	68.20	10.09	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:

11BE320MIMO MRU puncture80+40
TX 6905MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

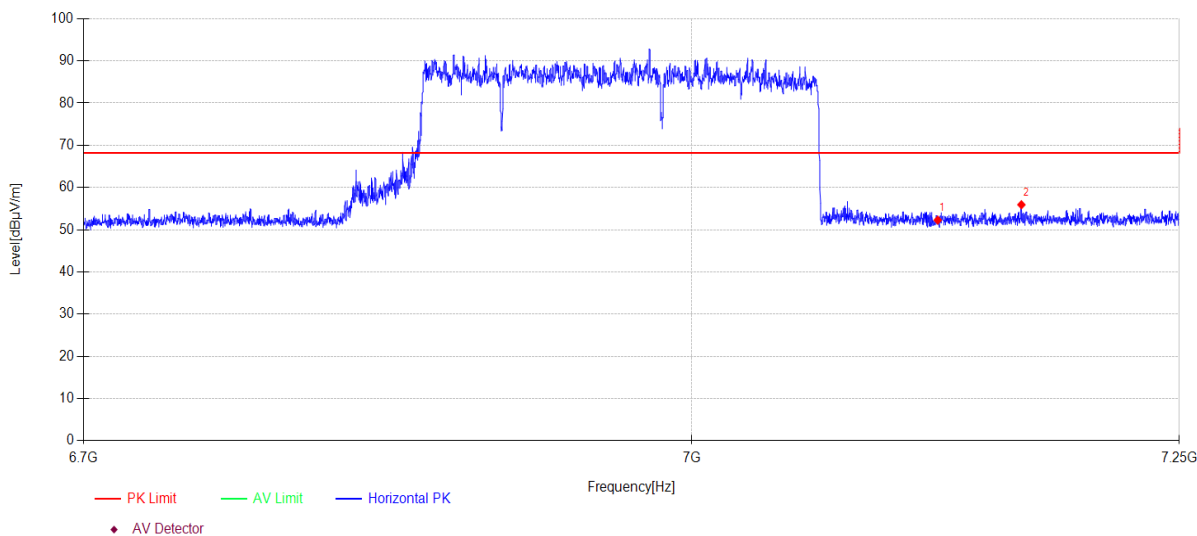
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d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G biandai\67

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	7125.000	9.02	36.65	6.61	0.00	52.28	68.20	15.92	PK	Horizontal
2	7168.050	12.56	36.74	6.62	0.00	55.92	68.20	12.28	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:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE320MIMO MRU puncture80+40
TX 6905MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

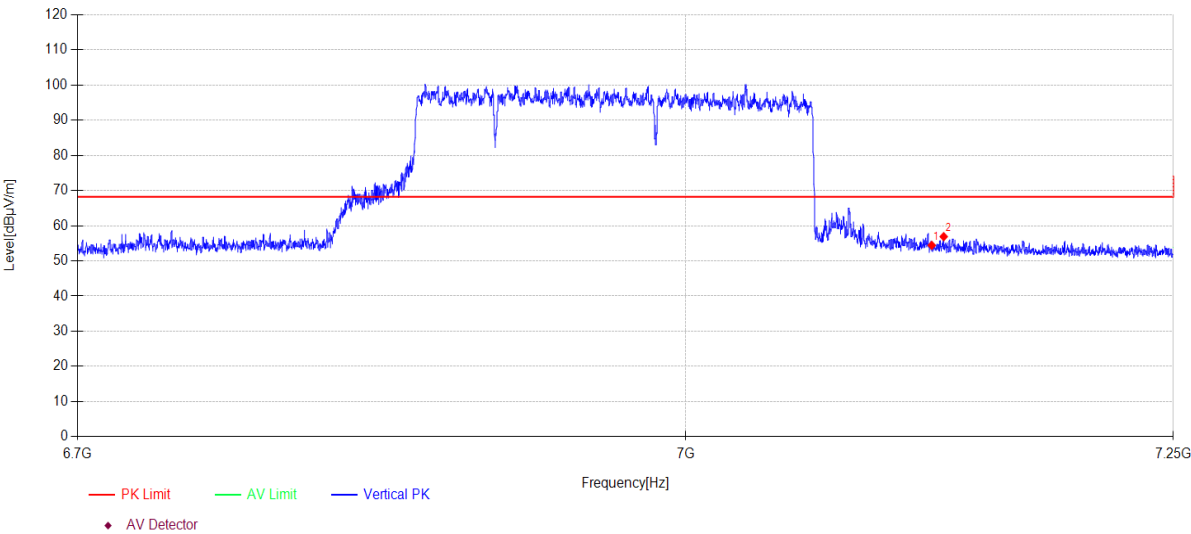
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Memo:

Sample Number:S24032709-002 Power Setting:16

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	7125.000	11.17	36.65	6.61	0.00	54.43	68.20	13.77	PK	Vertical
2	7131.145	13.64	36.66	6.61	0.00	56.91	68.20	11.29	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE160MIMO MRU puncture40 TX
6985MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

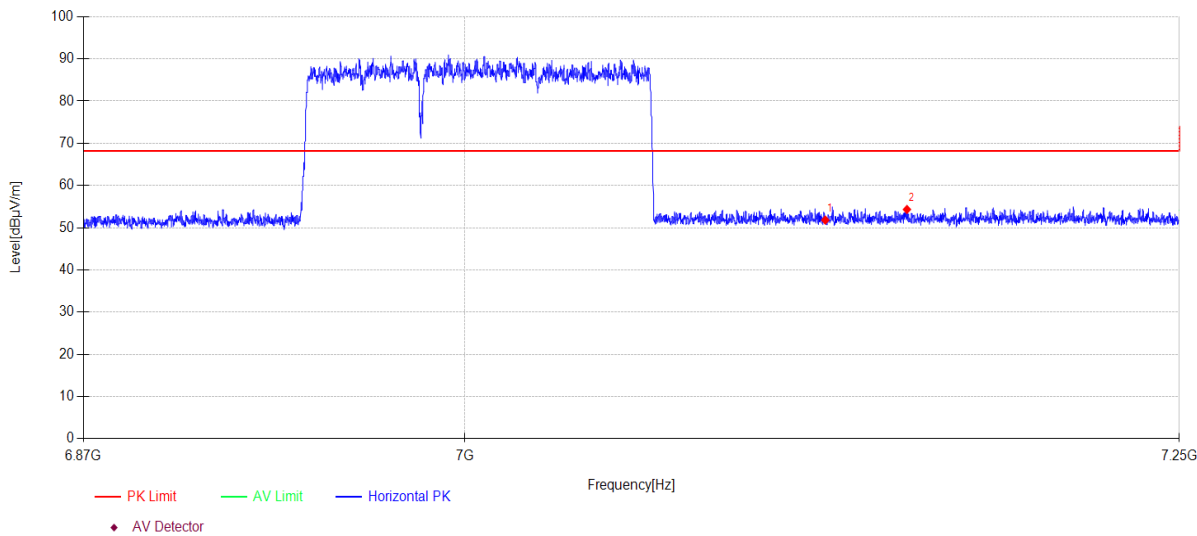
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Memo:

Sample Number:S24032709-002 Power Setting: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	7125.000	8.55	36.65	6.61	0.00	51.81	68.20	16.39	PK	Horizontal
2	7153.632	11.00	36.71	6.62	0.00	54.33	68.20	13.87	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-29

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11BE160MIMO MRU puncture40 TX
6985MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

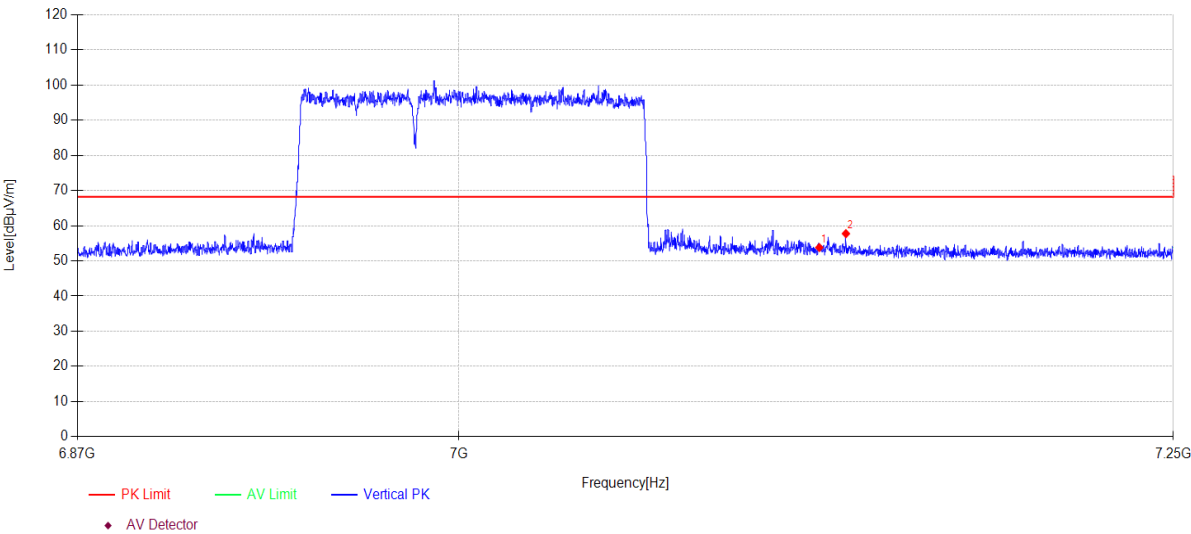
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Memo:

Sample Number:S24032709-002 Power Setting: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	7125.000	10.54	36.65	6.61	0.00	53.80	68.20	14.40	PK	Vertical
2	7134.328	14.47	36.67	6.61	0.00	57.75	68.20	10.45	PK	Vertical

Note:

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

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

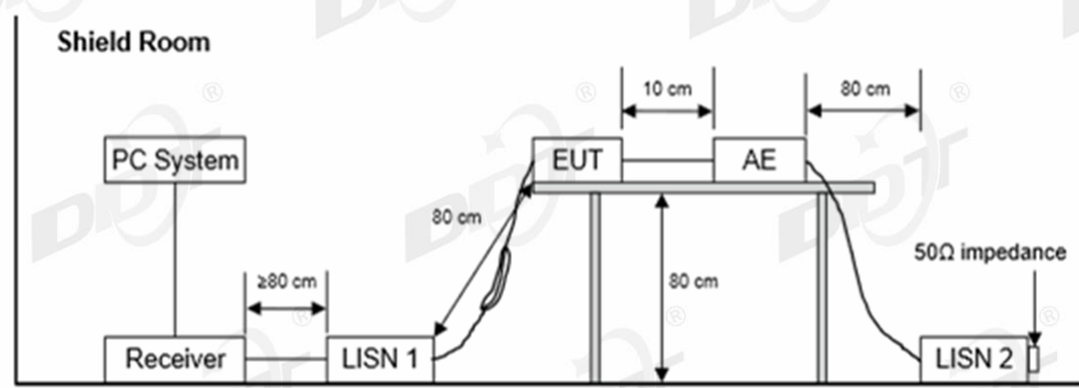
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13. Power Line Conducted Emissions

13.1. 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

13.2. Block diagram of test setup



13.3. Limits

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

Note 1: * Decreasing linearly with logarithm of frequency.

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

13.4. Assistant equipment used for test

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

13.5. Test procedure

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

All support equipment power received from a second LISN.

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

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

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

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

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

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

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

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

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

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

The bandwidth of test receiver is set at 9 kHz.

13.6. Test result

PASS. (See below detailed test result)

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

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

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

13.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room

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

Test Date : 2024-04-11

Tested By : Antony Zeng

EUT : Wireless Access Point

Model Number : RG-RAP73Pro

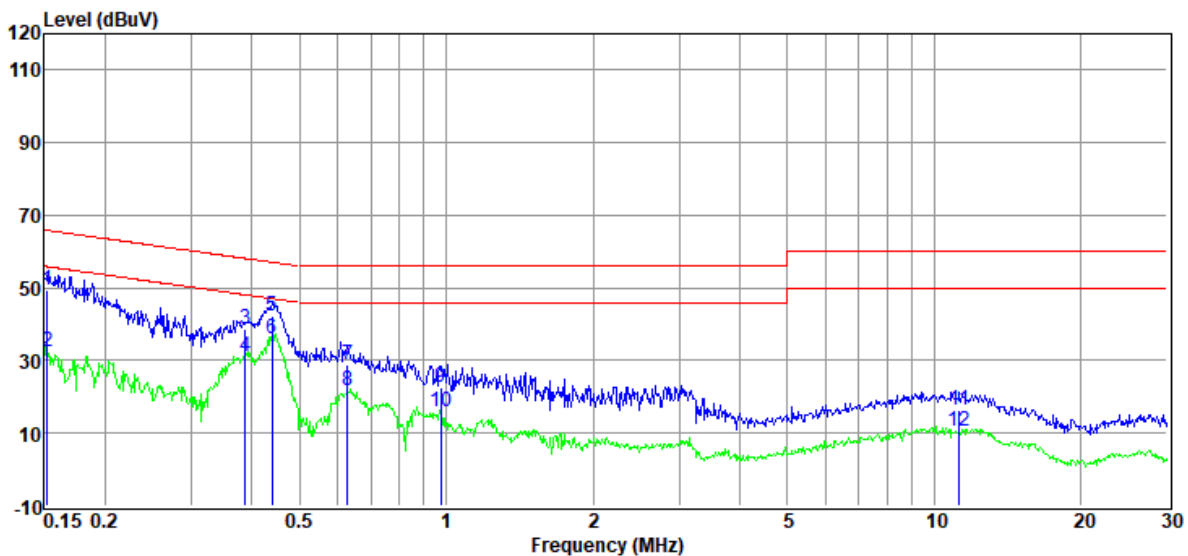
Power Supply : AC 120V/60Hz(Power By Adapter)

Test Mode : 6G mode

Condition : Temp:21.5°C,Humi:55.8%

LISN : 2023 ENV 216 3#/LINE

Memo : Sample Number:S24032709-002



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBμV)	Limit Line (dBμV)	Over Limit (dB)	Detector	Phase
1	0.15	29.33	9.85	0.10	9.94	49.22	65.87	-16.65	QP	LINE
2	0.15	12.41	9.85	0.10	9.94	32.30	55.87	-23.57	Average	LINE
3	0.39	18.72	9.95	0.13	9.95	38.75	58.12	-19.37	QP	LINE
4	0.39	11.25	9.95	0.13	9.95	31.28	48.12	-16.84	Average	LINE
5	0.44	22.50	9.83	0.13	9.96	42.42	57.07	-14.65	QP	LINE
6	0.44	16.31	9.83	0.13	9.96	36.23	47.07	-10.84	Average	LINE
7	0.63	9.01	9.68	0.14	9.96	28.79	56.00	-27.21	QP	LINE
8	0.63	1.89	9.68	0.14	9.96	21.67	46.00	-24.33	Average	LINE
9	0.97	2.52	9.69	0.24	9.97	22.42	56.00	-33.58	QP	LINE
10	0.97	-4.00	9.69	0.24	9.97	15.90	46.00	-30.10	Average	LINE
11	11.26	-3.54	9.60	0.29	10.05	16.40	60.00	-43.60	QP	LINE
12	11.26	-9.37	9.60	0.29	10.05	10.57	50.00	-39.43	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%

Memo

: Sample Number:S24032709-002

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

Tested By

: Antony Zeng

Model Number

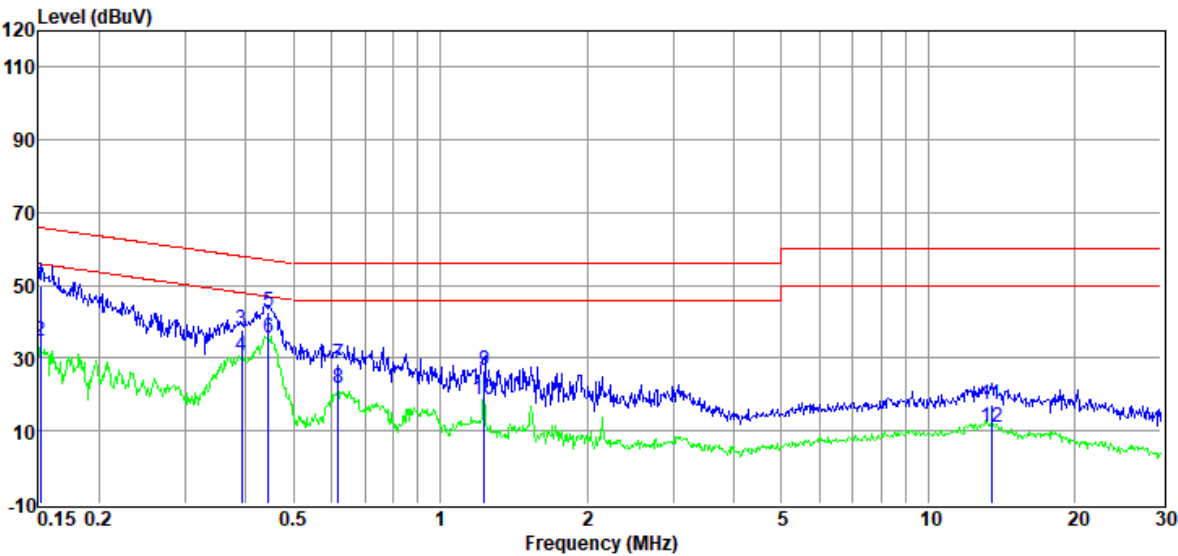
: RG-RAP73Pro

Test Mode

: 6G mode

LISN

: 2023 ENV 216 3#/NEUTRAL



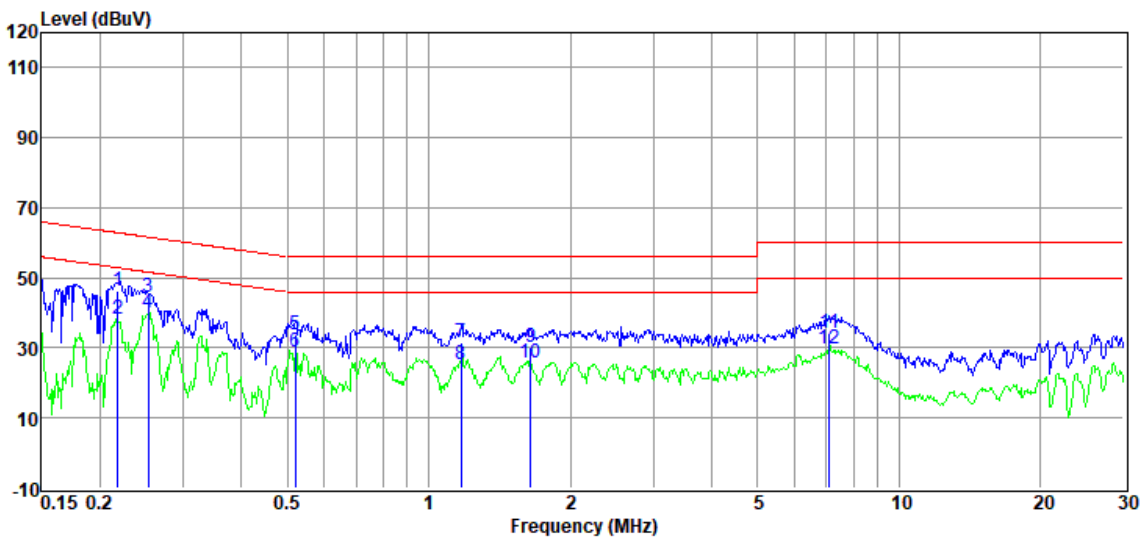
Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	30.17	9.81	0.10	9.94	50.02	65.91	-15.89	QP	NEUTRAL
2	0.15	14.89	9.81	0.10	9.94	34.74	55.91	-21.17	Average	NEUTRAL
3	0.39	17.71	9.98	0.13	9.95	37.77	58.03	-20.26	QP	NEUTRAL
4	0.39	10.40	9.98	0.13	9.95	30.46	48.03	-17.57	Average	NEUTRAL
5	0.44	22.52	9.90	0.13	9.96	42.51	56.98	-14.47	QP	NEUTRAL
6	0.44	15.79	9.90	0.13	9.96	35.78	46.98	-11.20	Average	NEUTRAL
7	0.62	8.54	9.76	0.14	9.96	28.40	56.00	-27.60	QP	NEUTRAL
8	0.62	1.78	9.76	0.14	9.96	21.64	46.00	-24.36	Average	NEUTRAL
9	1.23	6.84	9.55	0.25	9.98	26.62	56.00	-29.38	QP	NEUTRAL
10	1.23	-1.16	9.55	0.25	9.98	18.62	46.00	-27.38	Average	NEUTRAL
11	13.48	-2.97	9.87	0.30	10.06	17.26	60.00	-42.74	QP	NEUTRAL
12	13.48	-9.07	9.87	0.30	10.06	11.16	50.00	-38.84	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** : 6G mode**Condition** : Temp:21.9°C,Humi:56.2%**LISN** : 2023 ENV 216 3#/NEUTRAL**Memo** : Sample Number:S24032709-002

Item (Mark)	Freq. (MHz)	Read Level (dBμV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBμV)	Limit Line (dBμV)	Over Limit (dB)	Detector	Phase
1	0.22	26.34	9.90	0.11	9.94	46.29	62.88	-16.59	QP	NEUTRAL
2	0.22	18.20	9.90	0.11	9.94	38.15	52.88	-14.73	Average	NEUTRAL
3	0.25	24.66	9.81	0.12	9.95	44.54	61.64	-17.10	QP	NEUTRAL
4	0.25	20.34	9.81	0.12	9.95	40.22	51.64	-11.42	Average	NEUTRAL
5	0.52	13.71	9.80	0.13	9.96	33.60	56.00	-22.40	QP	NEUTRAL
6	0.52	8.97	9.80	0.13	9.96	28.86	46.00	-17.14	Average	NEUTRAL
7	1.17	11.66	9.52	0.25	9.97	31.40	56.00	-24.60	QP	NEUTRAL
8	1.17	5.61	9.52	0.25	9.97	25.35	46.00	-20.65	Average	NEUTRAL
9	1.65	10.01	10.02	0.26	9.99	30.28	56.00	-25.72	QP	NEUTRAL
10	1.65	5.53	10.02	0.26	9.99	25.80	46.00	-20.20	Average	NEUTRAL
11	7.10	14.00	9.81	0.28	10.03	34.12	60.00	-25.88	QP	NEUTRAL
12	7.10	9.49	9.81	0.28	10.03	29.61	50.00	-20.39	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

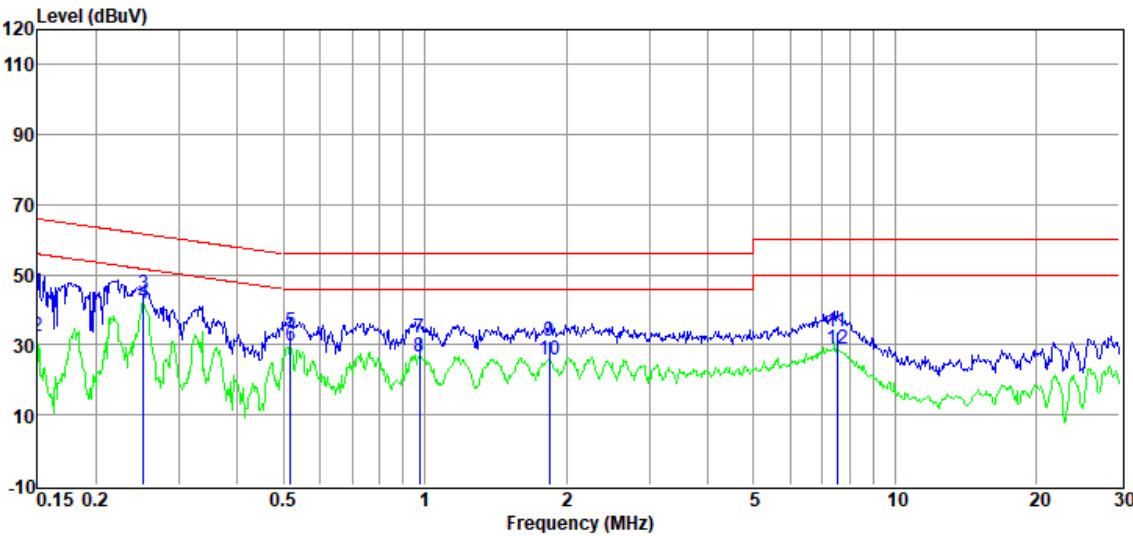
: RG-RAP73Pro

Test Mode

: 6G 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	25.14	9.90	0.10	9.94	45.08	66.00	-20.92	QP	LINE
2	0.15	12.72	9.90	0.10	9.94	32.66	56.00	-23.34	Average	LINE
3	0.25	24.69	9.71	0.12	9.95	44.47	61.69	-17.22	QP	LINE
4	0.25	21.88	9.71	0.12	9.95	41.66	51.69	-10.03	Average	LINE
5	0.52	14.07	9.63	0.13	9.96	33.79	56.00	-22.21	QP	LINE
6	0.52	9.84	9.63	0.13	9.96	29.56	46.00	-16.44	Average	LINE
7	0.97	12.24	9.69	0.24	9.97	32.14	56.00	-23.86	QP	LINE
8	0.97	6.72	9.69	0.24	9.97	26.62	46.00	-19.38	Average	LINE
9	1.84	11.23	9.75	0.26	9.99	31.23	56.00	-24.77	QP	LINE
10	1.84	5.54	9.75	0.26	9.99	25.54	46.00	-20.46	Average	LINE
11	7.53	13.92	9.69	0.28	10.03	33.92	60.00	-26.08	QP	LINE
12	7.53	8.92	9.69	0.28	10.03	28.92	50.00	-21.08	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.

14. Antenna Requirements

14.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

14.2. Result

The antenna used for this product and no antenna other than that furnished by the responsible party shall be used with the device, maximum antenna ANT1 gain is 4.24 dBi and maximum antenna ANT2 gain is 6.26 dBi.

16. Photos of the EUT

Please refer to DDT-Q24032709-2E appendix I

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