

12.6. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-08

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

TX mode 6G WIFI

Power Supply:

AC 120V/60Hz
(Power By Adapter)

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

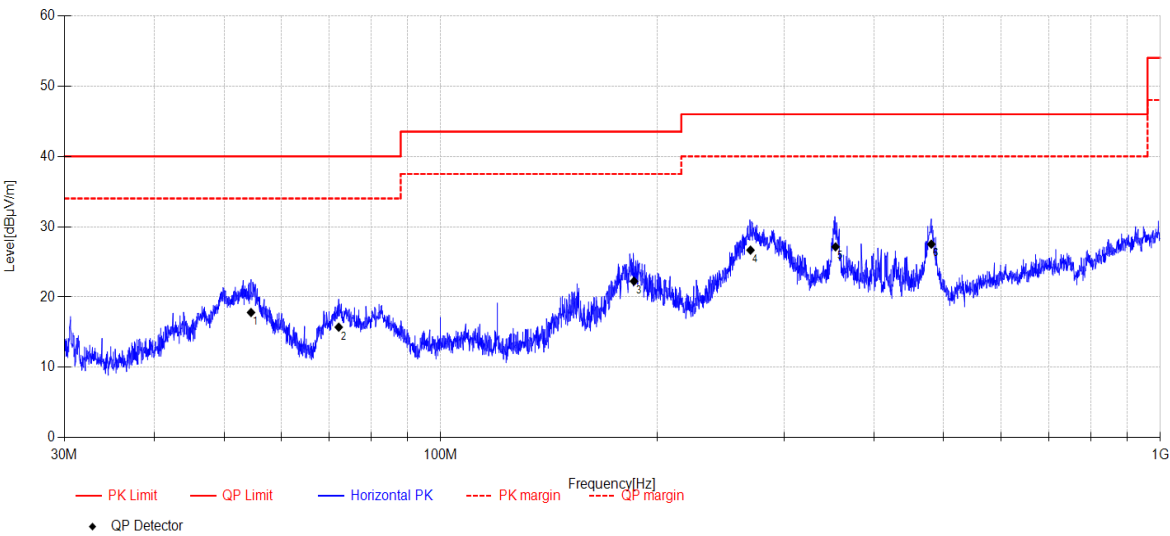
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24032709-1E\FCC BELOW 1G\20240408-090628_H

Memo:

Sample Number:S24032709-002 Power Setting:16



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	54.522	31.23	12.51	4.74	-30.67	17.81	40.00	22.19	QP	Horizontal
2	72.173	31.94	9.53	4.80	-30.55	15.72	40.00	24.28	QP	Horizontal
3	185.590	37.38	9.90	5.61	-30.64	22.25	43.50	21.25	QP	Horizontal
4	269.499	38.62	12.42	6.02	-30.39	26.67	46.00	19.33	QP	Horizontal
5	353.760	35.63	15.25	6.45	-30.19	27.14	46.00	18.86	QP	Horizontal
6	480.598	34.07	16.50	6.89	-29.94	27.52	46.00	18.48	QP	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-08

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

TX mode 6G WIFI

Power Supply:

AC 120V/60Hz
(Power By Adapter)

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

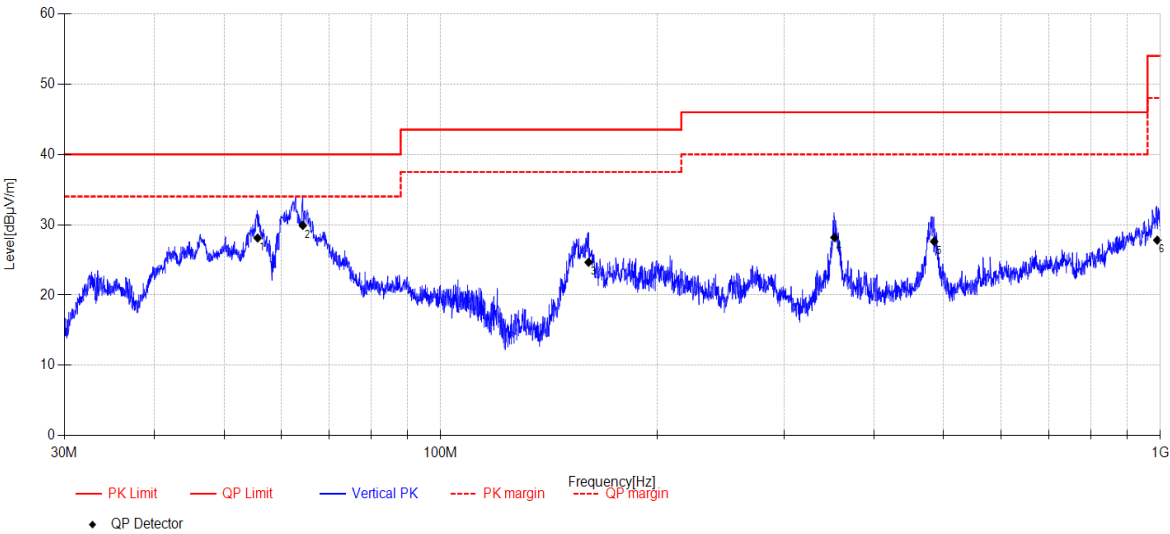
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24032709-1E\FCC BELOW 1G\20240408-090712_V

Memo:

Sample Number:S24032709-002 Power Setting:16



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	55.681	41.59	12.43	4.75	-30.66	28.11	40.00	11.89	QP	Vertical
2	64.333	43.46	12.27	4.77	-30.60	29.90	40.00	10.10	QP	Vertical
3	160.517	41.07	8.90	5.41	-30.72	24.66	43.50	18.84	QP	Vertical
4	352.522	36.94	15.00	6.44	-30.19	28.19	46.00	17.81	QP	Vertical
5	484.999	34.15	16.50	6.90	-29.93	27.62	46.00	18.38	QP	Vertical
6	990.232	25.22	22.12	8.66	-28.19	27.81	54.00	26.19	QP	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-14

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

TX mode 6G WIFI

Power Supply:

AC 120V/60Hz(Power by POE)

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

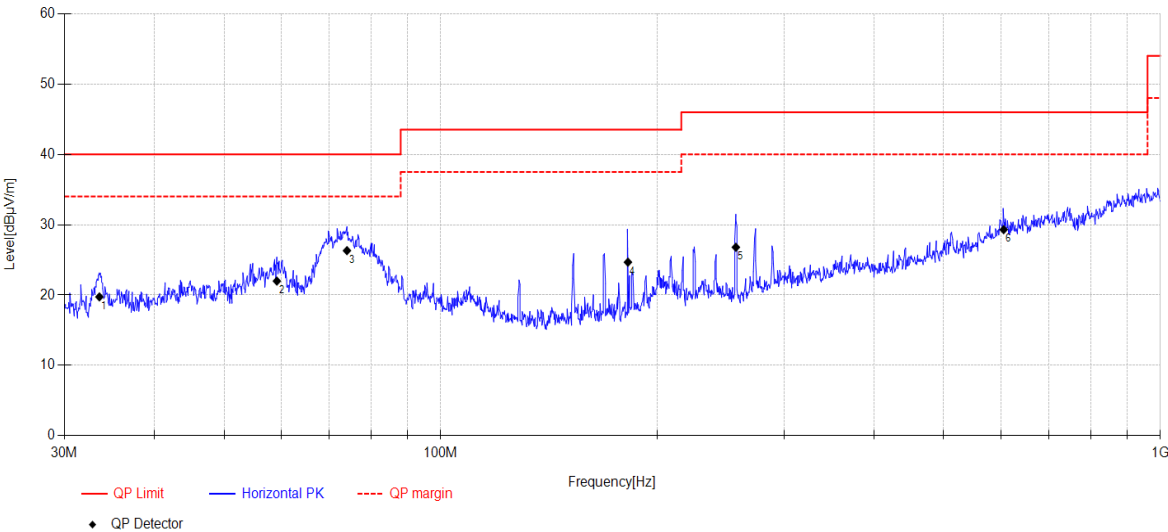
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24032709-1E\FCC BELOW 1G\20240614-145909_H

Memo:

Sample Number:S24032709-002 Power Setting:16



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	33.561	4.7	11.26	3.78	0.00	19.74	40.00	20.26	QP	Horizontal
2	59.212	5.63	12.41	3.95	0.00	21.99	40.00	18.01	QP	Horizontal
3	74.102	13.48	8.79	4.05	0.00	26.32	40.00	13.68	QP	Horizontal
4	182.075	10.87	9.15	4.66	0.00	24.68	43.50	18.82	QP	Horizontal
5	257.146	10.11	11.67	5.02	0.00	26.80	46.00	19.20	QP	Horizontal
6	605.811	3.85	19.06	6.39	0.00	29.30	46.00	16.70	QP	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-06-14

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

TX mode 6G WIFI

Power Supply:

AC 120V/60Hz(Power by POE)

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

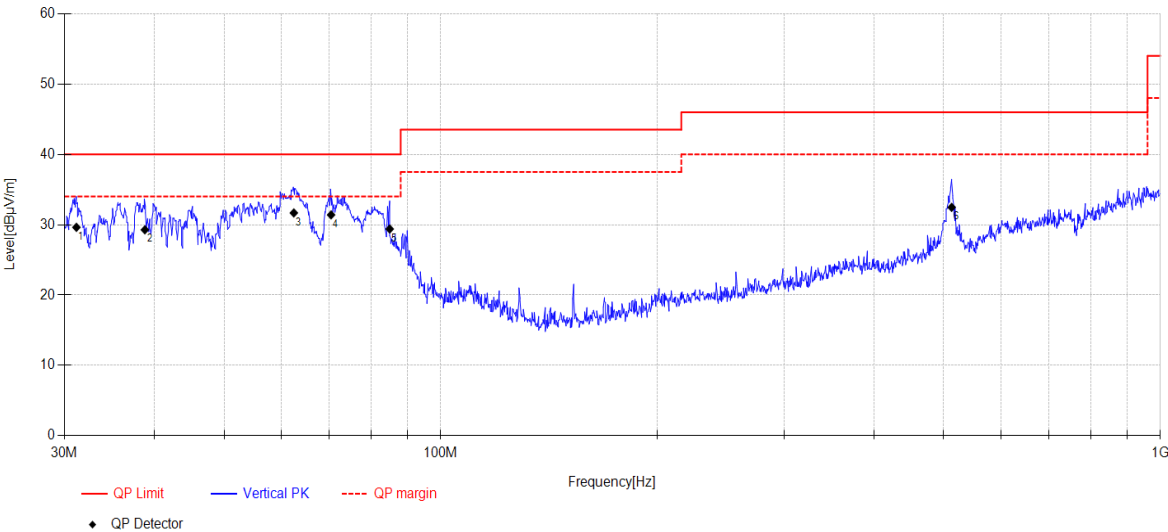
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24032709-1E\FCC BELOW 1G\20240614-145958_V

Memo:

Sample Number:S24032709-002 Power Setting:16 (POE power supply)



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	31.179	15.51	10.35	3.77	0.00	29.63	40.00	10.37	QP	Vertical
2	38.815	13.99	11.48	3.81	0.00	29.28	40.00	10.72	QP	Vertical
3	62.518	15.11	12.59	3.98	0.00	31.68	40.00	8.32	QP	Vertical
4	70.430	17.71	9.67	4.02	0.00	31.40	40.00	8.60	QP	Vertical
5	84.955	16.1	9.17	4.12	0.00	29.39	40.00	10.61	QP	Vertical
6	512.905	10.26	16.16	6.05	0.00	32.47	46.00	13.53	QP	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

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

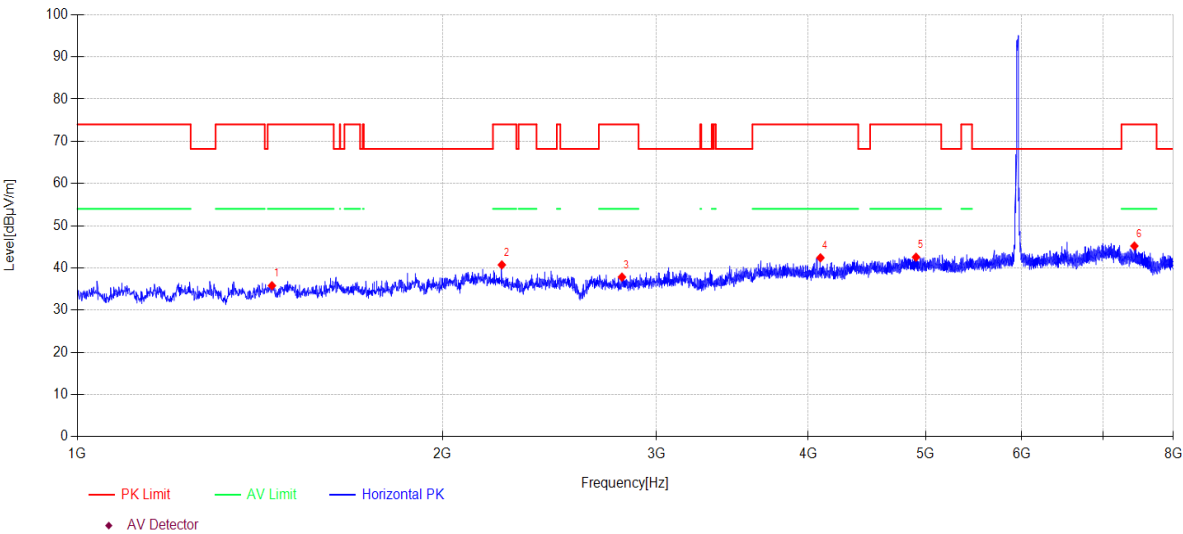
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\5

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	1446.600	44.44	25.29	3.01	-36.94	35.80	74.00	38.20	PK	Horizontal
2	2237.600	47.24	27.42	3.75	-37.68	40.73	74.00	33.27	PK	Horizontal
3	2810.200	45.47	27.48	4.19	-39.30	37.84	74.00	36.16	PK	Horizontal
4	4095.400	46.65	31.09	5.08	-40.41	42.41	74.00	31.59	PK	Horizontal
5	4909.500	44.18	33.02	5.47	-40.11	42.56	74.00	31.44	PK	Horizontal
6	7430.200	43.70	36.64	6.64	-41.78	45.20	74.00	28.80	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

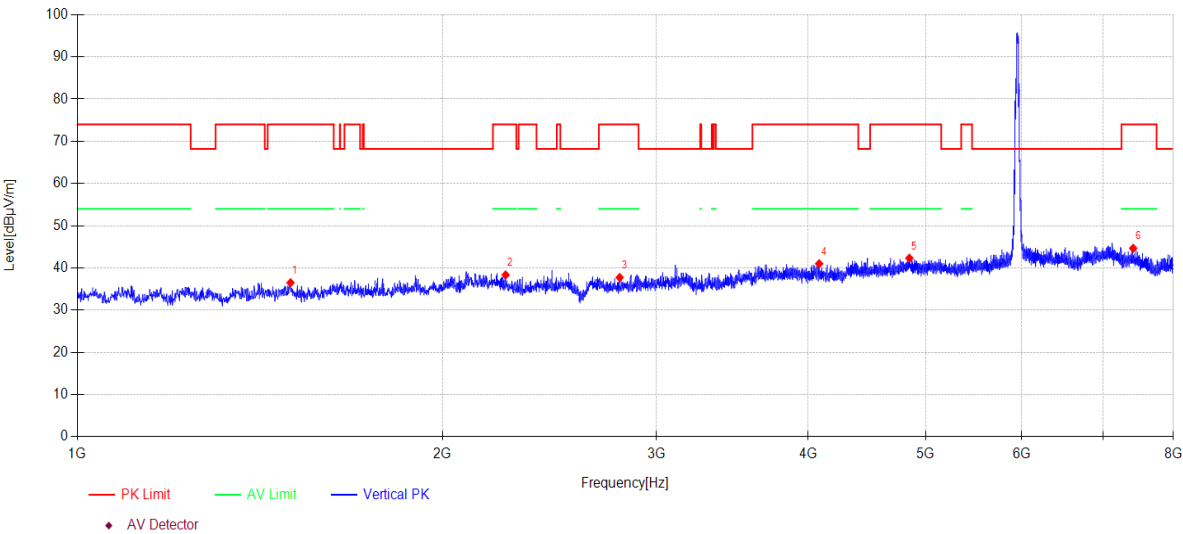
File Path:

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

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	1498.400	44.89	25.49	3.06	-36.94	36.50	74.00	37.50	PK	Vertical
2	2253.700	45.06	27.26	3.76	-37.73	38.35	74.00	35.65	PK	Vertical
3	2798.300	45.42	27.41	4.18	-39.27	37.74	74.00	36.26	PK	Vertical
4	4085.600	45.27	31.07	5.08	-40.42	41.00	74.00	33.00	PK	Vertical
5	4848.600	43.24	33.76	5.44	-40.14	42.30	74.00	31.70	PK	Vertical
6	7413.400	43.07	36.67	6.64	-41.73	44.65	74.00	29.35	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:

11AX20 TX 5955MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

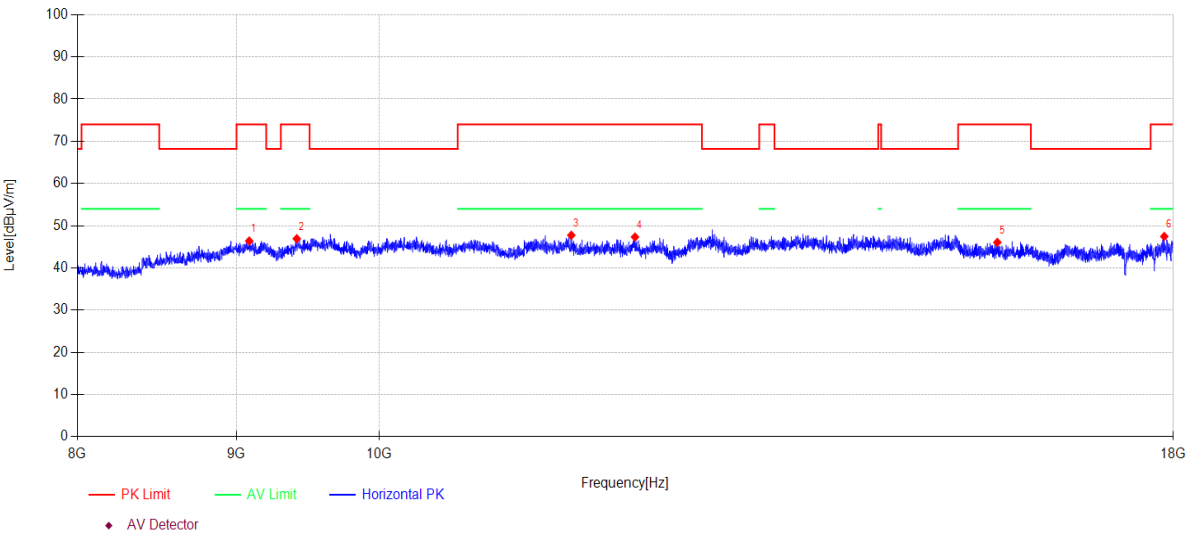
File Path:

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

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	9085.000	41.34	38.47	5.36	-38.78	46.39	74.00	27.61	PK	Horizontal
2	9410.000	41.50	38.70	5.49	-38.76	46.93	74.00	27.07	PK	Horizontal
3	11530.000	41.93	39.14	6.02	-39.34	47.75	74.00	26.25	PK	Horizontal
4	12086.000	41.46	39.29	6.16	-39.59	47.32	74.00	26.68	PK	Horizontal
5	15802.000	38.96	38.30	8.04	-39.24	46.06	74.00	27.94	PK	Horizontal
6	17880.000	38.68	41.68	9.23	-42.13	47.46	74.00	26.54	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:

2024-04-25

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

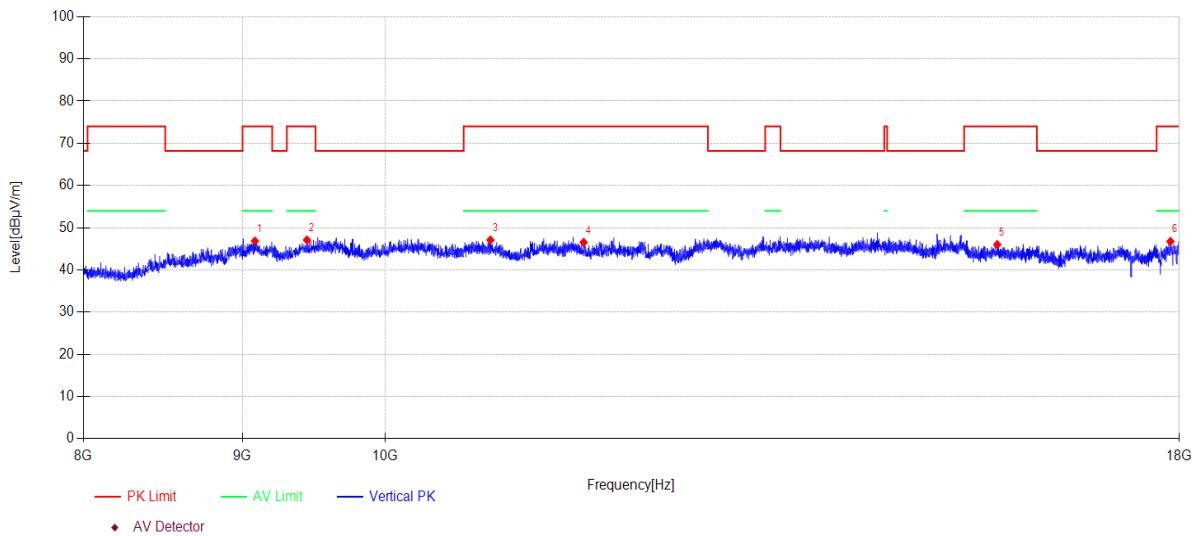
File Path:

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

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	9083.000	41.79	38.47	5.36	-38.78	46.84	74.00	27.16	PK	Vertical
2	9439.000	41.66	38.70	5.50	-38.76	47.10	74.00	26.90	PK	Vertical
3	10812.000	40.87	39.39	5.86	-39.02	47.10	74.00	26.90	PK	Vertical
4	11584.000	40.83	39.03	6.03	-39.36	46.53	74.00	27.47	PK	Vertical
5	15731.000	38.77	38.44	7.99	-39.20	46.00	74.00	28.00	PK	Vertical
6	17882.000	37.97	41.70	9.23	-42.14	46.76	74.00	27.24	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6175MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

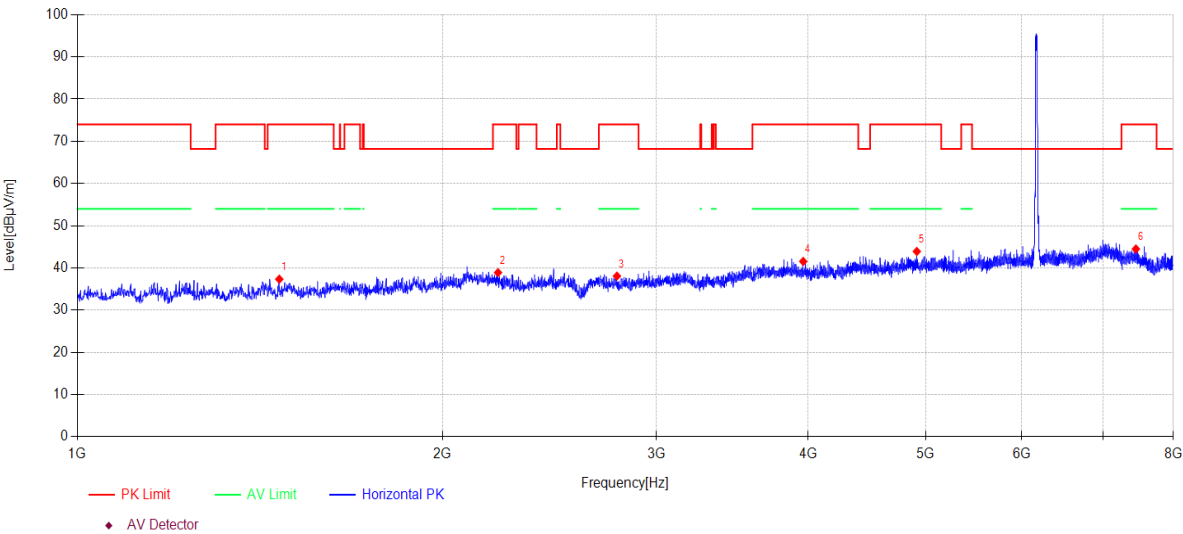
File Path:

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

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	1466.900	45.87	25.37	3.03	-36.94	37.33	74.00	36.67	PK	Horizontal
2	2221.500	45.20	27.59	3.74	-37.64	38.89	74.00	35.11	PK	Horizontal
3	2783.600	45.66	27.47	4.17	-39.23	38.07	74.00	35.93	PK	Horizontal
4	3963.800	45.93	31.04	5.01	-40.43	41.55	74.00	32.45	PK	Horizontal
5	4917.200	45.52	33.03	5.47	-40.11	43.91	74.00	30.09	PK	Horizontal
6	7451.900	43.07	36.60	6.65	-41.83	44.49	74.00	29.51	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6175MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

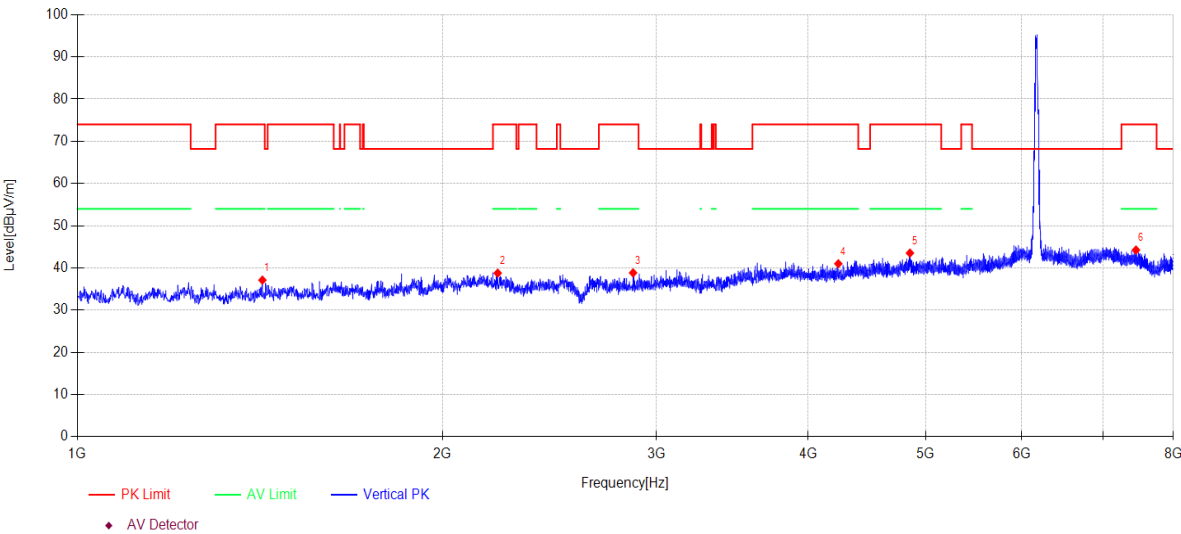
File Path:

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

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	1420.700	45.89	25.18	2.98	-36.93	37.12	74.00	36.88	PK	Vertical
2	2220.100	45.07	27.60	3.74	-37.63	38.78	74.00	35.22	PK	Vertical
3	2870.400	46.12	27.96	4.23	-39.47	38.84	74.00	35.16	PK	Vertical
4	4236.800	44.86	31.35	5.15	-40.36	41.00	74.00	33.00	PK	Vertical
5	4853.500	44.48	33.74	5.44	-40.13	43.53	74.00	30.47	PK	Vertical
6	7453.300	42.84	36.59	6.65	-41.83	44.25	74.00	29.75	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:

11AX20 TX 6175MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

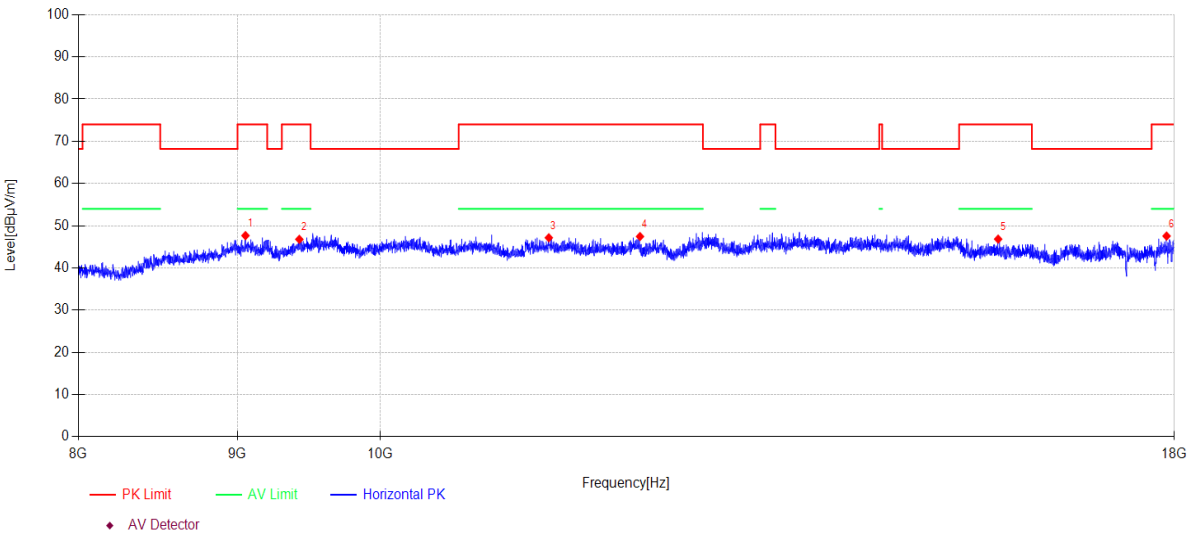
File Path:

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

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	9053.000	42.68	38.41	5.35	-38.79	47.65	74.00	26.35	PK	Horizontal
2	9421.000	41.35	38.70	5.49	-38.76	46.78	74.00	27.22	PK	Horizontal
3	11331.000	41.21	39.23	5.97	-39.25	47.16	74.00	26.84	PK	Horizontal
4	12122.000	41.58	39.30	6.18	-39.61	47.45	74.00	26.55	PK	Horizontal
5	15800.000	39.73	38.30	8.04	-39.24	46.83	74.00	27.17	PK	Horizontal
6	17897.000	38.61	41.87	9.24	-42.17	47.55	74.00	26.45	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

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

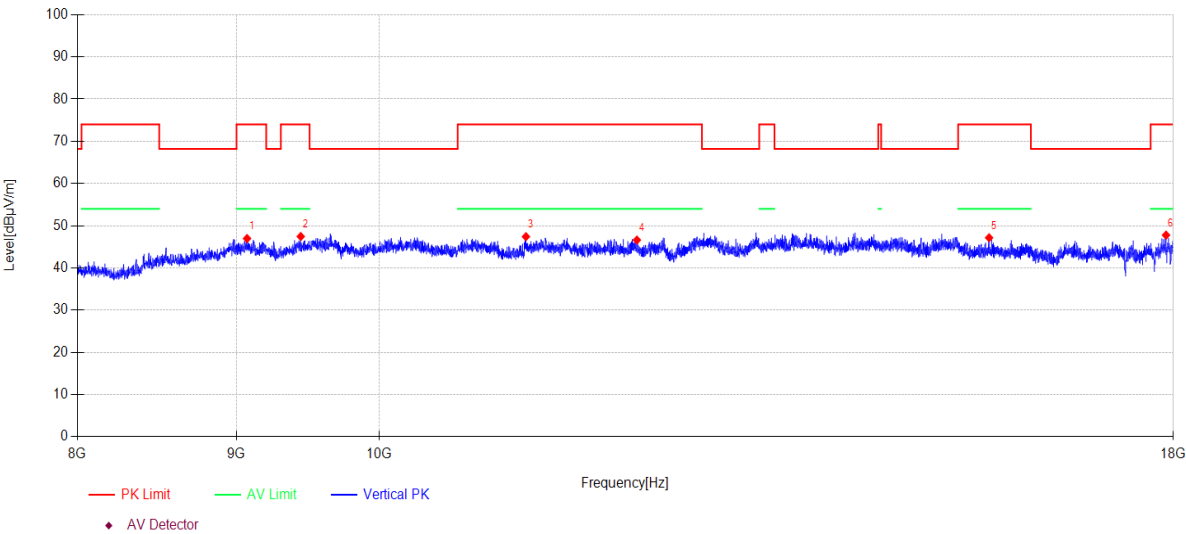
File Path:

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

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	9070.000	41.96	38.44	5.36	-38.79	46.97	74.00	27.03	PK	Vertical
2	9438.000	42.01	38.70	5.50	-38.76	47.45	74.00	26.55	PK	Vertical
3	11149.000	41.39	39.25	5.93	-39.16	47.41	74.00	26.59	PK	Vertical
4	12103.000	40.75	39.30	6.17	-39.60	46.62	74.00	27.38	PK	Vertical
5	15706.000	39.87	38.49	7.97	-39.18	47.15	74.00	26.85	PK	Vertical
6	17903.000	38.79	41.92	9.25	-42.18	47.78	74.00	26.22	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6415MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

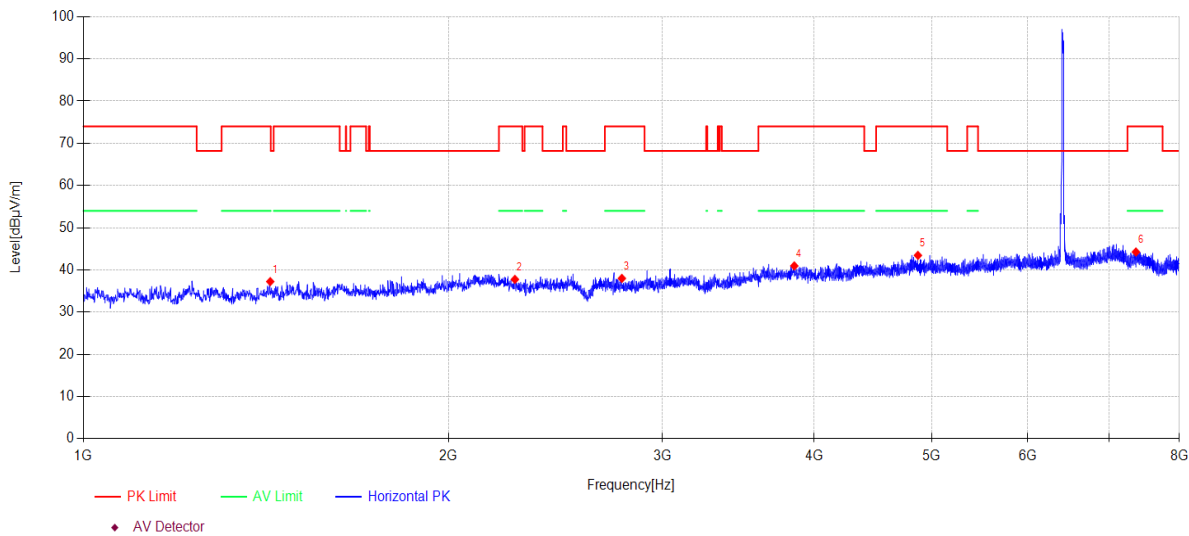
File Path:

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

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	1425.600	46.00	25.20	2.99	-36.94	37.25	74.00	36.75	PK	Horizontal
2	2267.700	44.64	27.12	3.77	-37.77	37.76	74.00	36.24	PK	Horizontal
3	2778.000	45.56	27.49	4.16	-39.21	38.00	74.00	36.00	PK	Horizontal
4	3853.200	45.46	30.92	4.94	-40.36	40.96	74.00	33.04	PK	Horizontal
5	4871.700	44.68	33.45	5.45	-40.13	43.45	74.00	30.55	PK	Horizontal
6	7367.900	42.47	36.76	6.64	-41.62	44.25	74.00	29.75	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:

11AX20 TX 6415MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

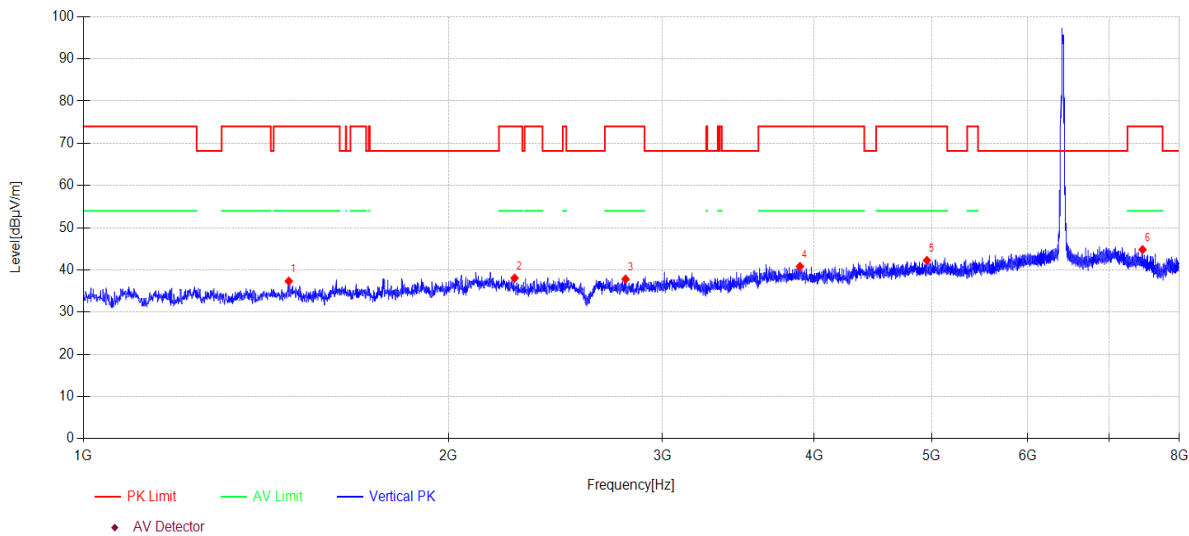
File Path:

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

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	1476.700	45.83	25.41	3.04	-36.94	37.34	74.00	36.66	PK	Vertical
2	2266.300	44.91	27.14	3.77	-37.76	38.06	74.00	35.94	PK	Vertical
3	2797.600	45.51	27.41	4.18	-39.27	37.83	74.00	36.17	PK	Vertical
4	3894.500	45.07	31.17	4.97	-40.39	40.82	74.00	33.18	PK	Vertical
5	4955.700	43.76	33.11	5.49	-40.10	42.26	74.00	31.74	PK	Vertical
6	7461.000	43.42	36.58	6.65	-41.85	44.80	74.00	29.20	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:

11AX20 TX 6415MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

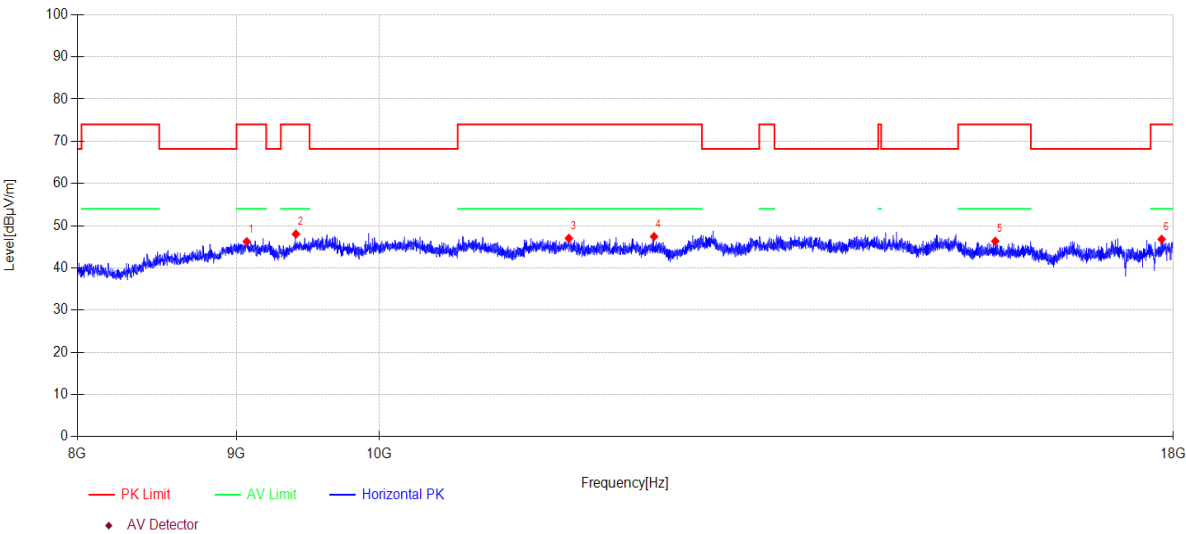
File Path:

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

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	9068.000	41.22	38.44	5.36	-38.79	46.23	74.00	27.77	PK	Horizontal
2	9404.000	42.60	38.70	5.48	-38.76	48.02	74.00	25.98	PK	Horizontal
3	11509.000	41.16	39.18	6.01	-39.33	47.02	74.00	26.98	PK	Horizontal
4	12258.000	41.54	39.30	6.25	-39.66	47.43	74.00	26.57	PK	Horizontal
5	15778.000	39.20	38.34	8.02	-39.23	46.33	74.00	27.67	PK	Horizontal
6	17845.000	38.33	41.30	9.21	-42.05	46.79	74.00	27.21	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:

11AX20 TX 6415MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

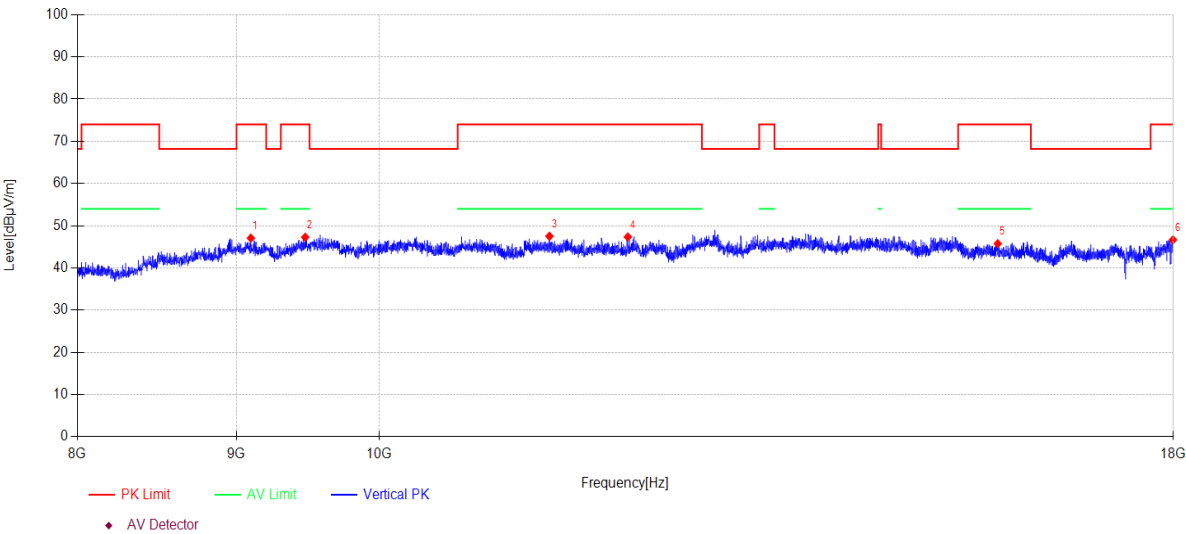
File Path:

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

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	9096.000	41.98	38.49	5.37	-38.78	47.06	74.00	26.94	PK	Vertical
2	9469.000	41.83	38.70	5.51	-38.76	47.28	74.00	26.72	PK	Vertical
3	11345.000	41.53	39.25	5.98	-39.25	47.51	74.00	26.49	PK	Vertical
4	12022.000	41.56	39.22	6.13	-39.57	47.34	74.00	26.66	PK	Vertical
5	15807.000	38.66	38.29	8.04	-39.24	45.75	74.00	28.25	PK	Vertical
6	17995.000	37.35	42.38	9.32	-42.39	46.66	74.00	27.34	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6435MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

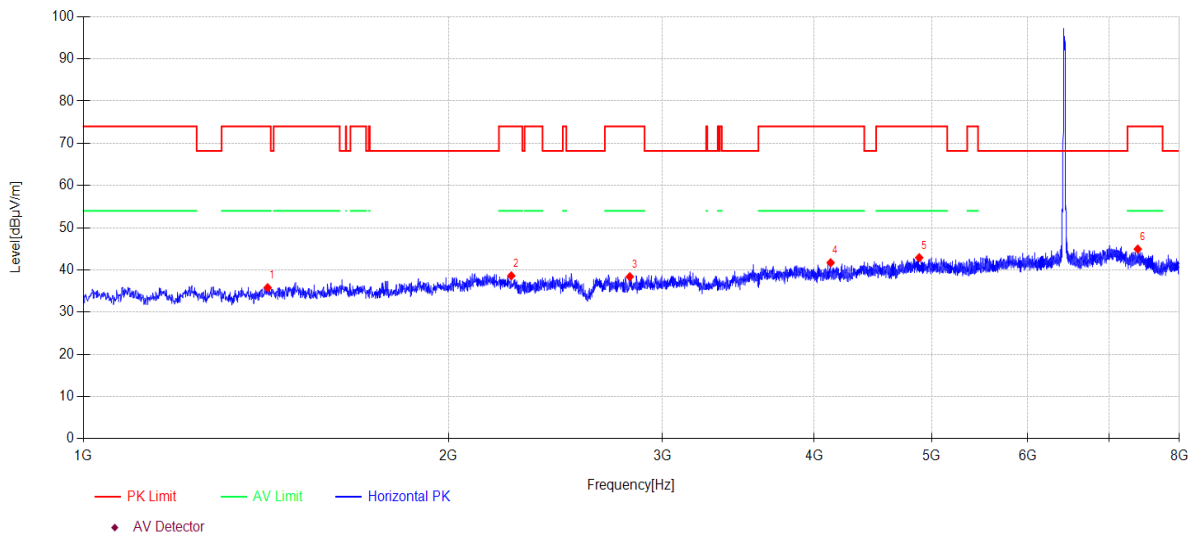
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\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	1418.600	44.58	25.17	2.98	-36.93	35.80	74.00	38.20	PK	Horizontal
2	2252.300	45.30	27.28	3.76	-37.72	38.62	74.00	35.38	PK	Horizontal
3	2820.000	45.98	27.56	4.19	-39.33	38.40	74.00	35.60	PK	Horizontal
4	4128.300	45.85	31.16	5.10	-40.40	41.71	74.00	32.29	PK	Horizontal
5	4883.600	44.30	33.26	5.46	-40.12	42.90	74.00	31.10	PK	Horizontal
6	7393.800	43.27	36.71	6.64	-41.68	44.94	74.00	29.06	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-04-25

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11AX20 TX 6435MHz ANT1+2+3

Power Supply:AC 120V/60Hz

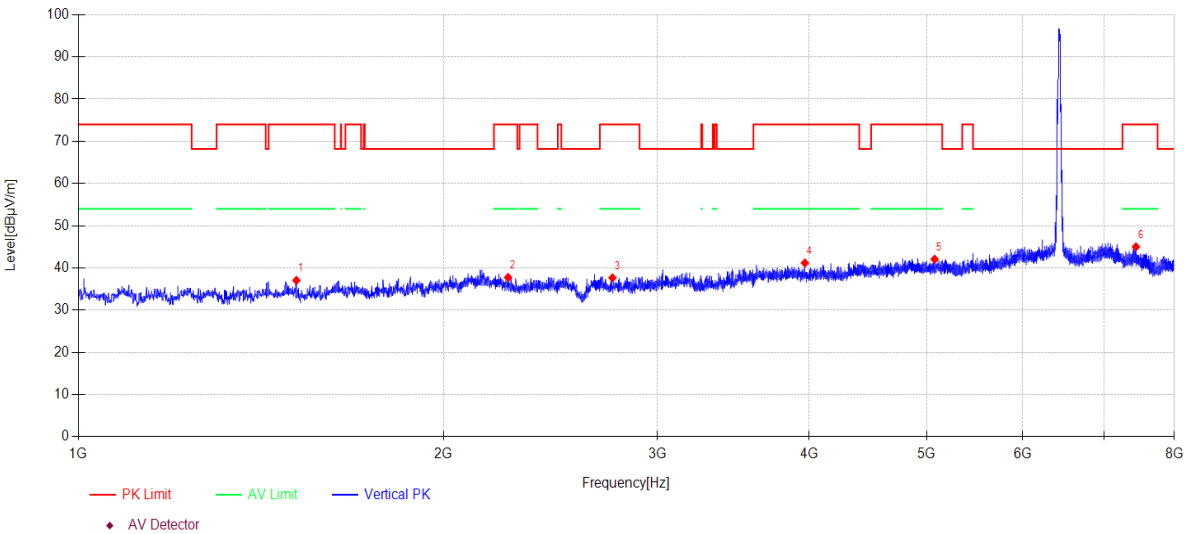
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\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	1512.400	45.59	25.33	3.08	-36.95	37.05	74.00	36.95	PK	Vertical
2	2260.000	44.53	27.20	3.77	-37.75	37.75	74.00	36.25	PK	Vertical
3	2754.900	45.09	27.58	4.14	-39.15	37.66	74.00	36.34	PK	Vertical
4	3968.700	45.55	31.03	5.02	-40.43	41.17	74.00	32.83	PK	Vertical
5	5076.100	43.23	33.35	5.55	-40.07	42.06	74.00	31.94	PK	Vertical
6	7437.900	43.53	36.62	6.64	-41.79	45.00	74.00	29.00	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:

11AX20 TX 6435MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

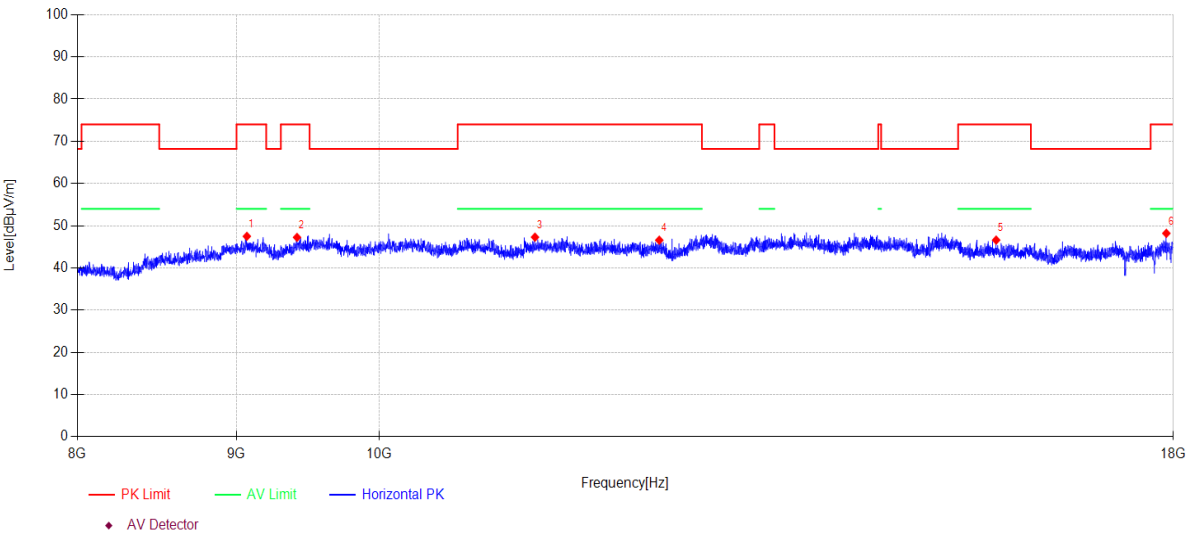
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\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	9069.000	42.48	38.44	5.36	-38.79	47.49	74.00	26.51	PK	Horizontal
2	9412.000	41.82	38.70	5.49	-38.76	47.25	74.00	26.75	PK	Horizontal
3	11224.000	41.34	39.20	5.95	-39.20	47.29	74.00	26.71	PK	Horizontal
4	12305.000	40.67	39.30	6.28	-39.68	46.57	74.00	27.43	PK	Horizontal
5	15788.000	39.48	38.32	8.03	-39.23	46.60	74.00	27.40	PK	Horizontal
6	17907.000	39.20	41.94	9.25	-42.19	48.20	74.00	25.80	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6435MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

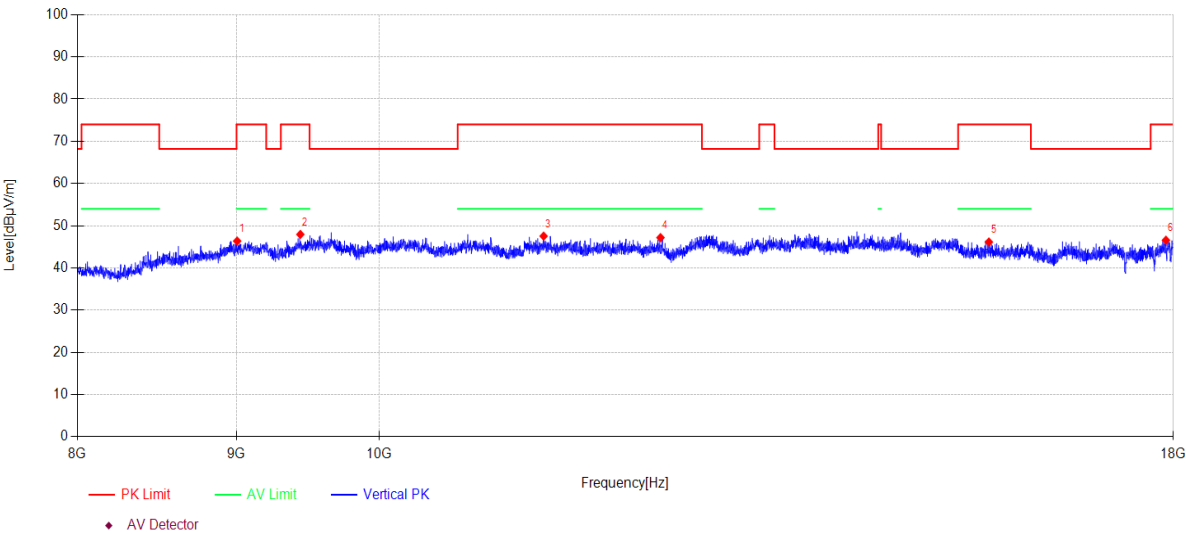
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\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	9004.000	41.51	38.31	5.33	-38.79	46.36	74.00	27.64	PK	Vertical
2	9435.000	42.50	38.70	5.50	-38.76	47.94	74.00	26.06	PK	Vertical
3	11296.000	41.60	39.20	5.97	-39.23	47.54	74.00	26.46	PK	Vertical
4	12316.000	41.28	39.30	6.28	-39.68	47.18	74.00	26.82	PK	Vertical
5	15704.000	38.86	38.49	7.97	-39.18	46.14	74.00	27.86	PK	Vertical
6	17902.000	37.58	41.91	9.25	-42.18	46.56	74.00	27.44	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:

11AX20 TX 6475MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

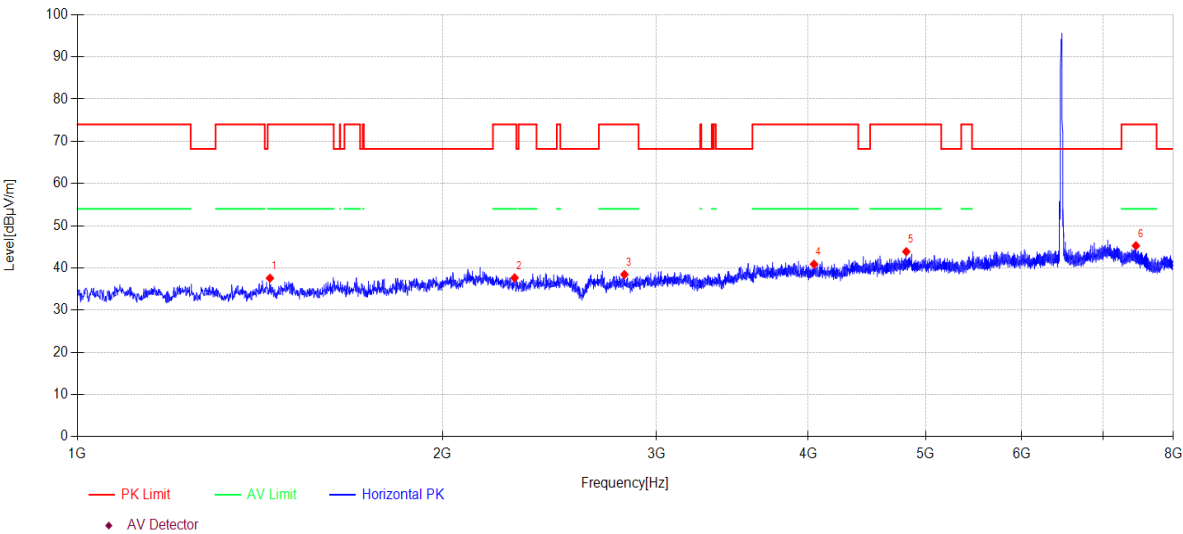
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\21

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	1441.000	46.24	25.26	3.01	-36.94	37.57	74.00	36.43	PK	Horizontal
2	2292.200	44.82	26.88	3.79	-37.84	37.65	74.00	36.35	PK	Horizontal
3	2823.500	46.00	27.59	4.20	-39.34	38.45	74.00	35.55	PK	Horizontal
4	4045.700	45.26	30.99	5.06	-40.43	40.88	74.00	33.12	PK	Horizontal
5	4819.900	45.57	33.02	5.43	-40.15	43.87	74.00	30.13	PK	Horizontal
6	7451.200	43.84	36.60	6.65	-41.83	45.26	74.00	28.74	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 6475MHz ANT1+2+3

Power Supply:AC 120V/60Hz

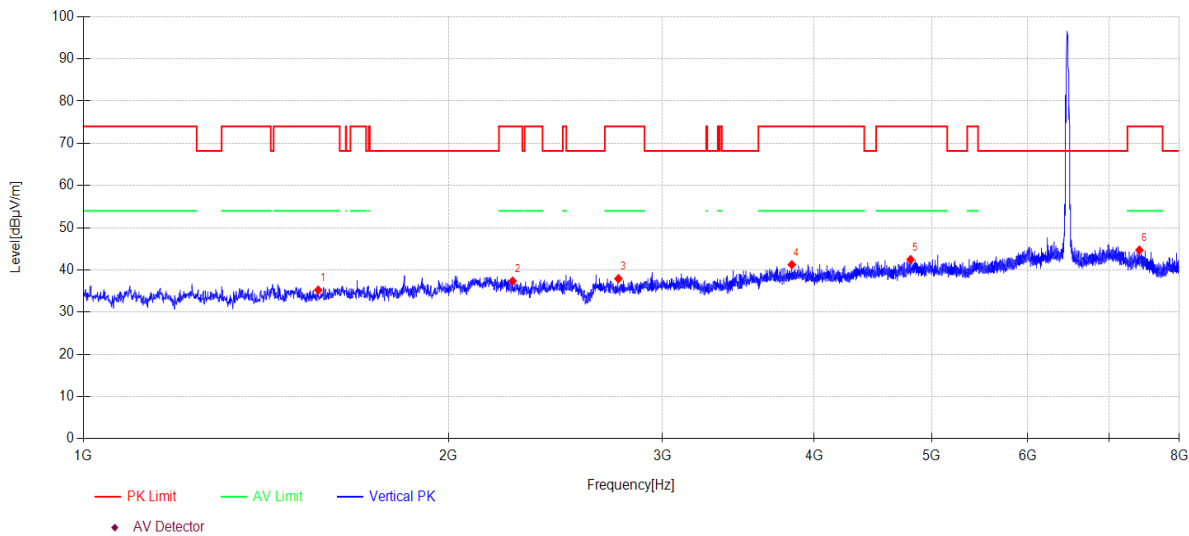
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\22

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	1561.400	44.07	24.98	3.13	-36.95	35.23	74.00	38.77	PK	Vertical
2	2257.900	44.12	27.22	3.77	-37.74	37.37	74.00	36.63	PK	Vertical
3	2759.800	45.38	27.56	4.15	-39.16	37.93	74.00	36.07	PK	Vertical
4	3835.000	45.83	30.84	4.92	-40.35	41.24	74.00	32.76	PK	Vertical
5	4803.800	44.58	32.60	5.42	-40.15	42.45	74.00	31.55	PK	Vertical
6	7416.900	43.13	36.67	6.64	-41.74	44.70	74.00	29.30	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

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

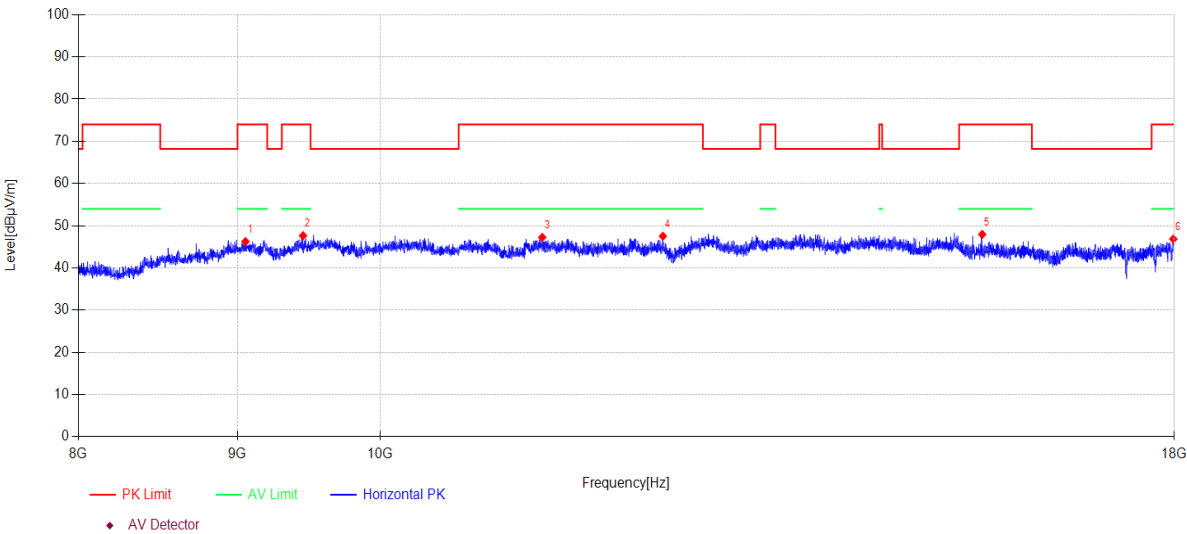
File Path:

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

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	9053.000	41.28	38.41	5.35	-38.79	46.25	74.00	27.75	PK	Horizontal
2	9447.000	42.20	38.70	5.50	-38.76	47.64	74.00	26.36	PK	Horizontal
3	11276.000	41.30	39.20	5.96	-39.22	47.24	74.00	26.76	PK	Horizontal
4	12329.000	41.63	39.30	6.29	-39.69	47.53	74.00	26.47	PK	Horizontal
5	15615.000	40.59	38.59	7.90	-39.13	47.95	74.00	26.05	PK	Horizontal
6	17987.000	37.57	42.34	9.31	-42.37	46.85	74.00	27.15	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6475MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

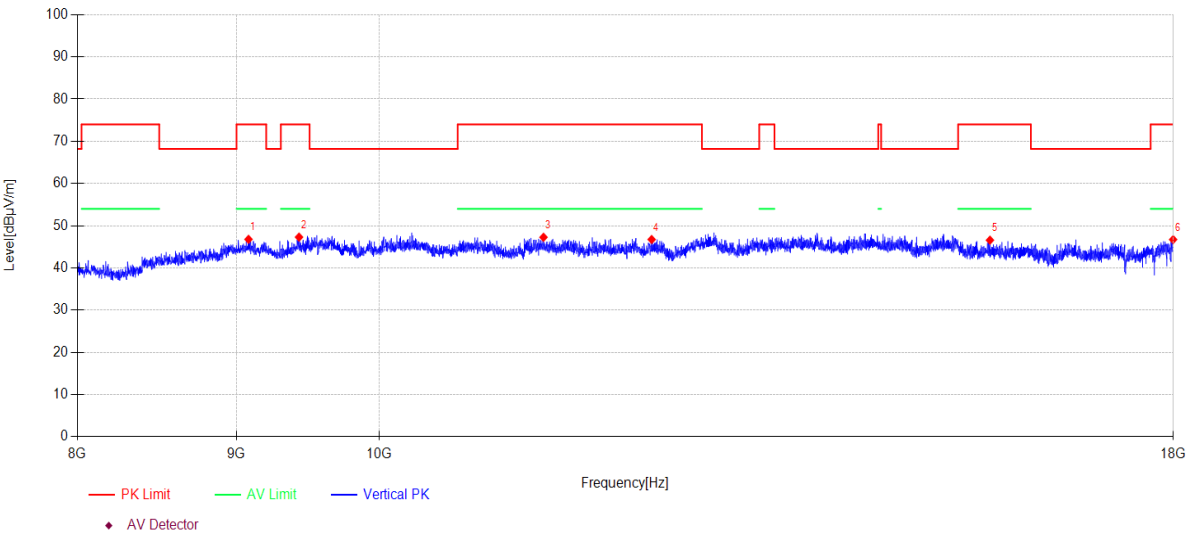
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\24

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	9080.000	41.74	38.46	5.36	-38.78	46.78	74.00	27.22	PK	Vertical
2	9426.000	41.87	38.70	5.49	-38.76	47.30	74.00	26.70	PK	Vertical
3	11295.000	41.34	39.20	5.96	-39.23	47.27	74.00	26.73	PK	Vertical
4	12236.000	40.85	39.30	6.24	-39.65	46.74	74.00	27.26	PK	Vertical
5	15716.000	39.33	38.47	7.97	-39.19	46.58	74.00	27.42	PK	Vertical
6	17997.000	37.41	42.39	9.32	-42.39	46.73	74.00	27.27	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:

11AX20 TX 6515MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

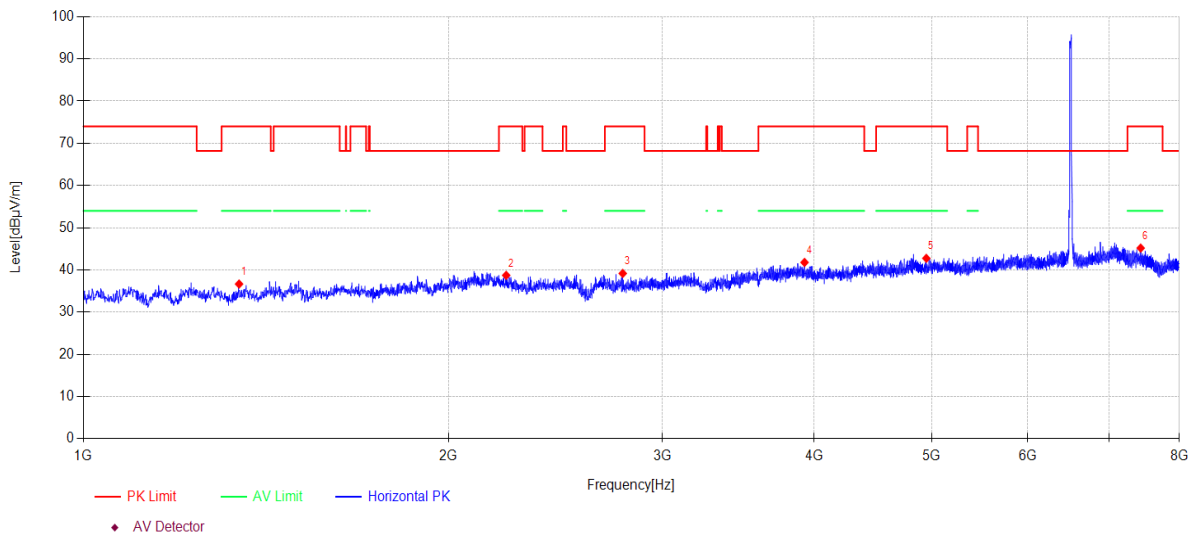
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\25

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	1343.700	45.90	24.77	2.91	-36.92	36.66	74.00	37.34	PK	Horizontal
2	2230.600	45.14	27.49	3.75	-37.66	38.72	74.00	35.28	PK	Horizontal
3	2782.900	46.76	27.47	4.17	-39.23	39.17	74.00	34.83	PK	Horizontal
4	3928.800	46.06	31.14	4.99	-40.41	41.78	74.00	32.22	PK	Horizontal
5	4950.100	44.26	33.10	5.49	-40.10	42.75	74.00	31.25	PK	Horizontal
6	7434.400	43.70	36.63	6.64	-41.79	45.18	74.00	28.82	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:

2024-04-25

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

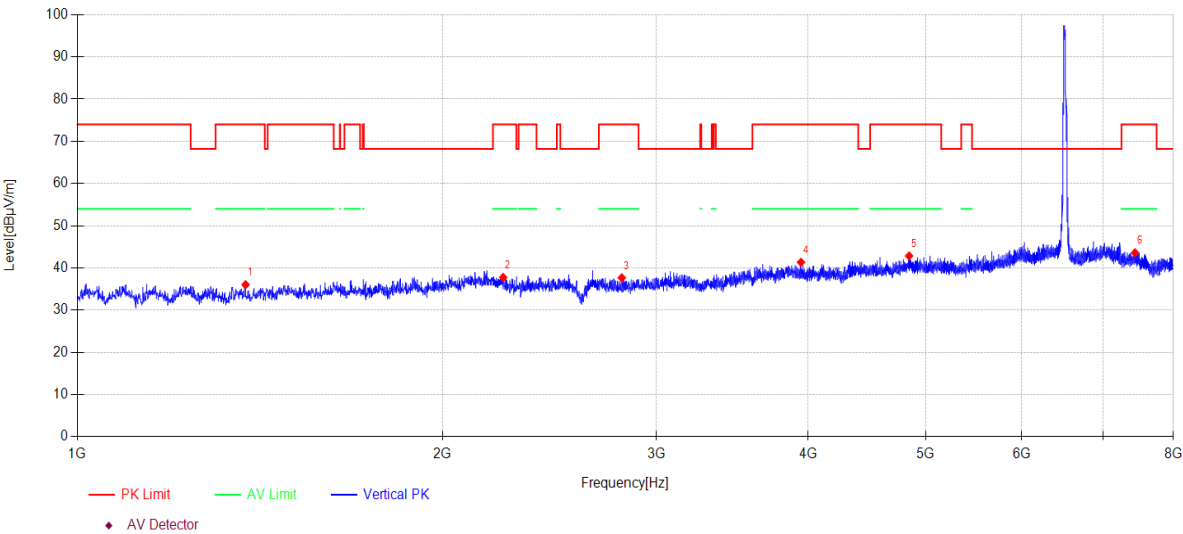
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\26

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	1375.900	45.06	24.96	2.94	-36.93	36.03	74.00	37.97	PK	Vertical
2	2243.200	44.35	27.37	3.75	-37.70	37.77	74.00	36.23	PK	Vertical
3	2809.500	45.30	27.48	4.19	-39.30	37.67	74.00	36.33	PK	Vertical
4	3947.000	45.65	31.11	5.00	-40.42	41.34	74.00	32.66	PK	Vertical
5	4845.800	43.86	33.69	5.44	-40.14	42.85	74.00	31.15	PK	Vertical
6	7438.600	42.15	36.62	6.64	-41.80	43.61	74.00	30.39	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6515MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

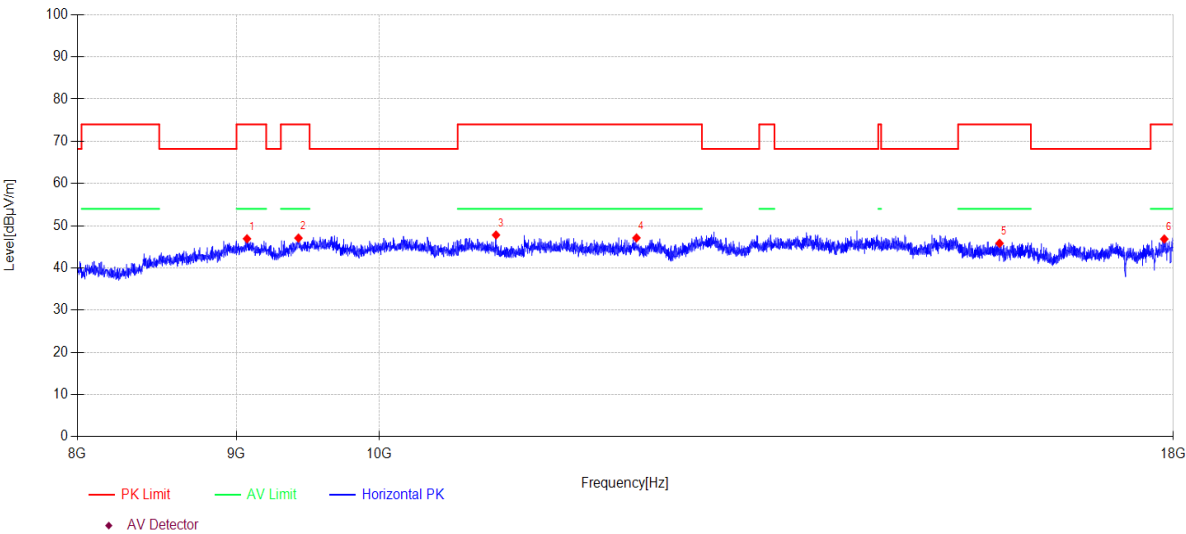
File Path:

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

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	9070.000	41.90	38.44	5.36	-38.79	46.91	74.00	27.09	PK	Horizontal
2	9422.000	41.65	38.70	5.49	-38.76	47.08	74.00	26.92	PK	Horizontal
3	10905.000	41.67	39.30	5.88	-39.05	47.80	74.00	26.20	PK	Horizontal
4	12099.000	41.24	39.30	6.17	-39.60	47.11	74.00	26.89	PK	Horizontal
5	15828.000	38.80	38.24	8.06	-39.26	45.84	74.00	28.16	PK	Horizontal
6	17880.000	38.07	41.68	9.23	-42.13	46.85	74.00	27.15	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6515MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

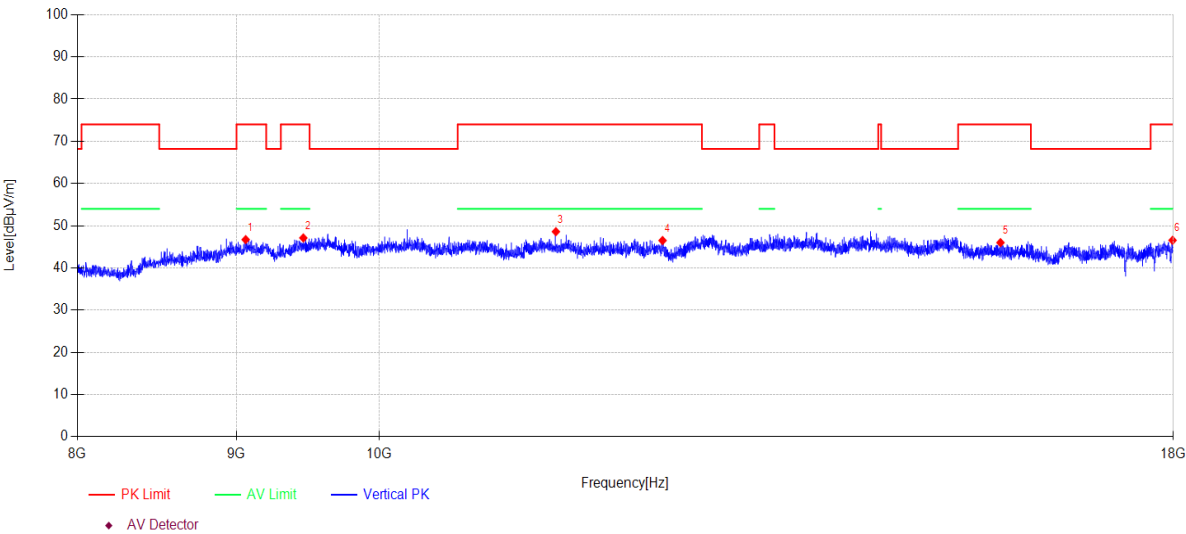
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\28

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	9061.000	41.73	38.42	5.35	-38.79	46.71	74.00	27.29	PK	Vertical
2	9456.000	41.67	38.70	5.50	-38.76	47.11	74.00	26.89	PK	Vertical
3	11399.000	42.58	39.30	5.99	-39.28	48.59	74.00	25.41	PK	Vertical
4	12335.000	40.60	39.30	6.29	-39.69	46.50	74.00	27.50	PK	Vertical
5	15839.000	38.96	38.22	8.07	-39.26	45.99	74.00	28.01	PK	Vertical
6	17990.000	37.27	42.35	9.31	-42.38	46.55	74.00	27.45	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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-05-31

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6535MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

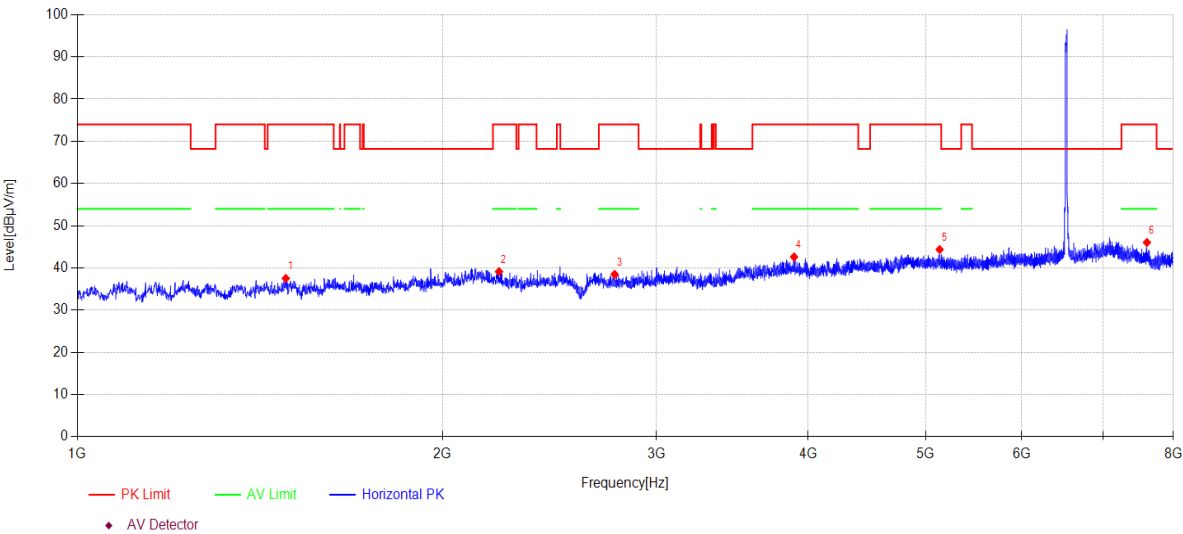
File Path:

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

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	1485.100	45.99	25.44	3.05	-36.94	37.54	74.00	36.46	PK	Horizontal
2	2225.700	45.49	27.54	3.74	-37.65	39.12	74.00	34.88	PK	Horizontal
3	2771.700	45.99	27.51	4.16	-39.19	38.47	74.00	35.53	PK	Horizontal
4	3895.900	46.86	31.18	4.97	-40.39	42.62	74.00	31.38	PK	Horizontal
5	5134.900	45.44	33.40	5.58	-40.06	44.36	74.00	29.64	PK	Horizontal
6	7609.400	45.08	36.52	6.66	-42.22	46.04	74.00	27.96	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 6535MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

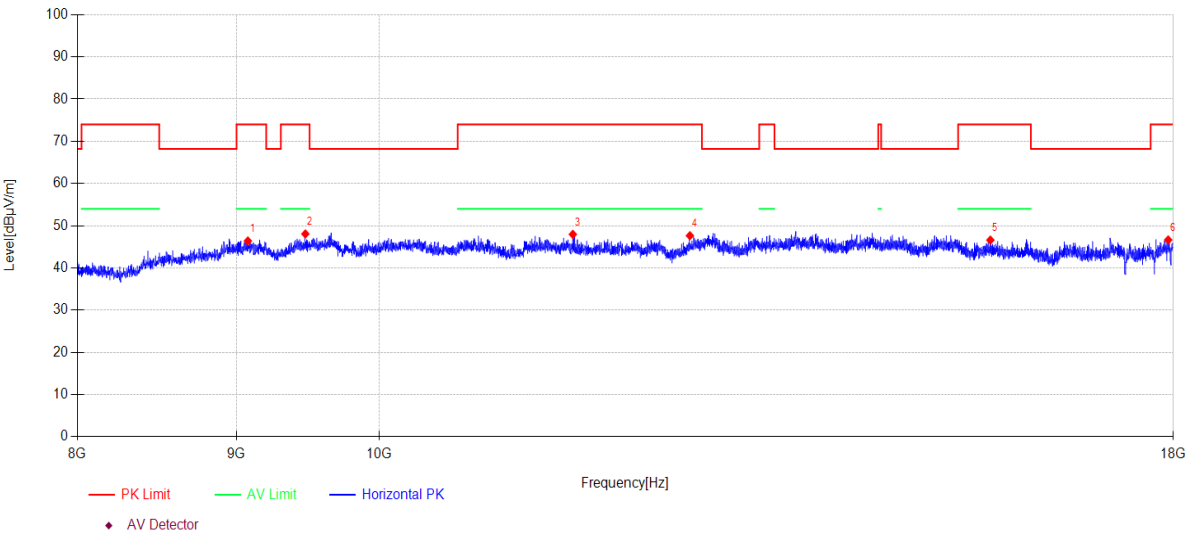
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\29

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	9076.000	41.36	38.45	5.36	-38.78	46.39	74.00	27.61	PK	Horizontal
2	9470.000	42.61	38.70	5.51	-38.76	48.06	74.00	25.94	PK	Horizontal
3	11543.000	42.18	39.11	6.02	-39.35	47.96	74.00	26.04	PK	Horizontal
4	12587.000	41.62	39.40	6.42	-39.79	47.65	74.00	26.35	PK	Horizontal
5	15721.000	39.35	38.46	7.98	-39.19	46.60	74.00	27.40	PK	Horizontal
6	17932.000	37.57	42.06	9.27	-42.25	46.65	74.00	27.35	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:

2024-05-31

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

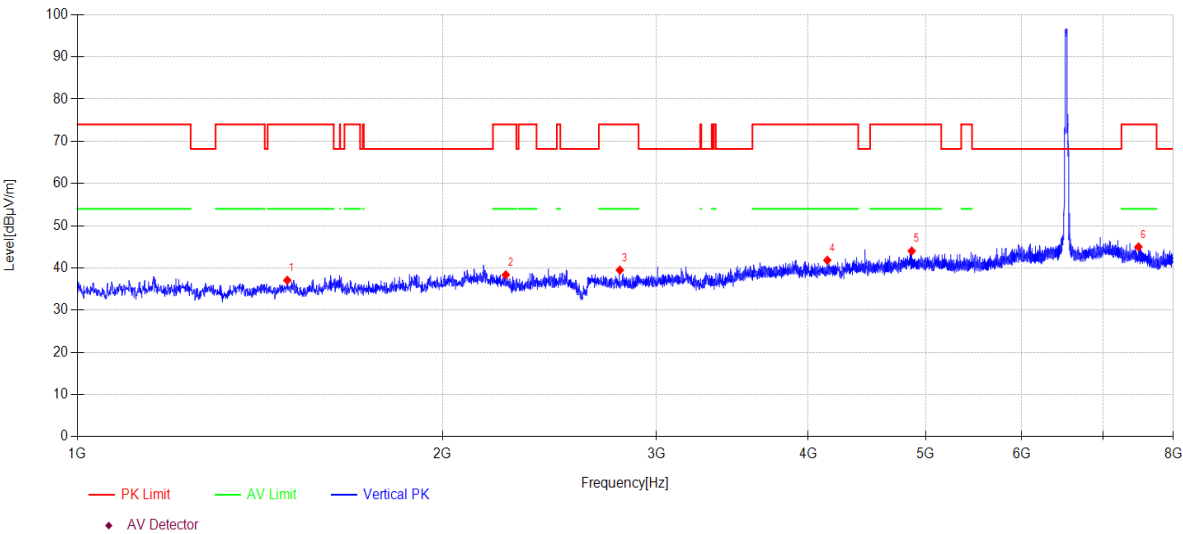
File Path:

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

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	1489.300	45.51	25.46	3.05	-36.94	37.08	74.00	36.92	PK	Vertical
2	2254.400	45.08	27.26	3.76	-37.73	38.37	74.00	35.63	PK	Vertical
3	2799.000	47.18	27.40	4.18	-39.27	39.49	74.00	34.51	PK	Vertical
4	4149.300	45.91	31.20	5.11	-40.39	41.83	74.00	32.17	PK	Vertical
5	4869.600	45.20	33.49	5.45	-40.13	44.01	74.00	29.99	PK	Vertical
6	7488.300	43.73	36.52	6.65	-41.92	44.98	74.00	29.02	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:

11AX20 TX 6535MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

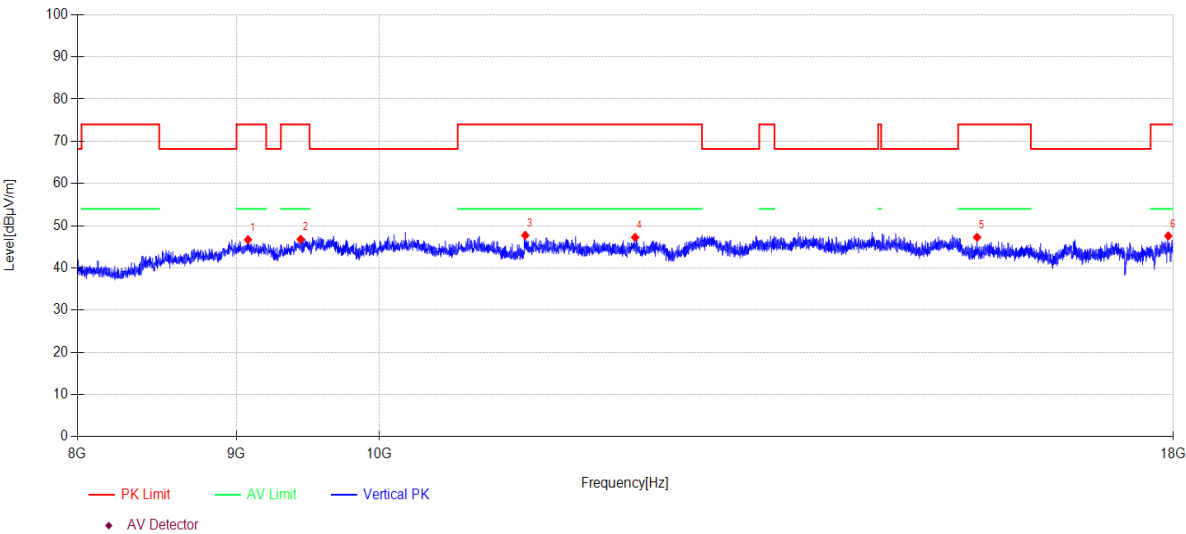
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\30

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	9077.000	41.66	38.45	5.36	-38.78	46.69	74.00	27.31	PK	Vertical
2	9437.000	41.35	38.70	5.50	-38.76	46.79	74.00	27.21	PK	Vertical
3	11143.000	41.69	39.26	5.93	-39.16	47.72	74.00	26.28	PK	Vertical
4	12087.000	41.38	39.29	6.16	-39.59	47.24	74.00	26.76	PK	Vertical
5	15567.000	39.82	38.67	7.86	-39.10	47.25	74.00	26.75	PK	Vertical
6	17933.000	38.49	42.07	9.27	-42.25	47.58	74.00	26.42	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6695MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

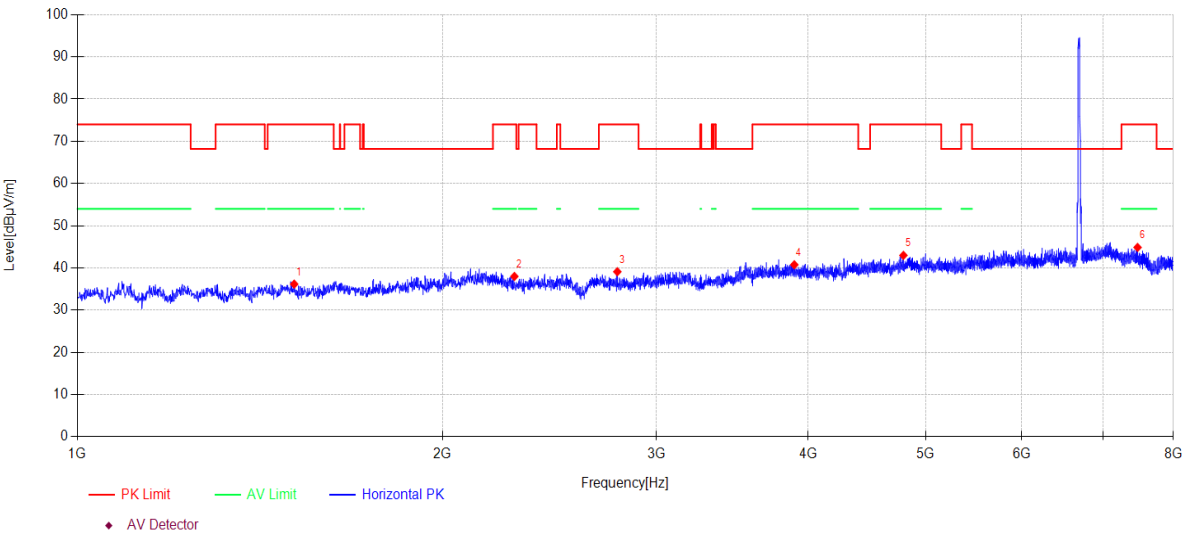
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\31

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	1508.900	44.66	25.38	3.07	-36.95	36.16	74.00	37.84	PK	Horizontal
2	2291.500	45.14	26.89	3.79	-37.83	37.99	74.00	36.01	PK	Horizontal
3	2785.700	46.70	27.46	4.17	-39.23	39.10	74.00	34.90	PK	Horizontal
4	3897.300	44.99	31.18	4.97	-40.39	40.75	74.00	33.25	PK	Horizontal
5	4794.000	45.25	32.48	5.41	-40.16	42.98	74.00	31.02	PK	Horizontal
6	7475.000	43.55	36.55	6.65	-41.89	44.86	74.00	29.14	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6695MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

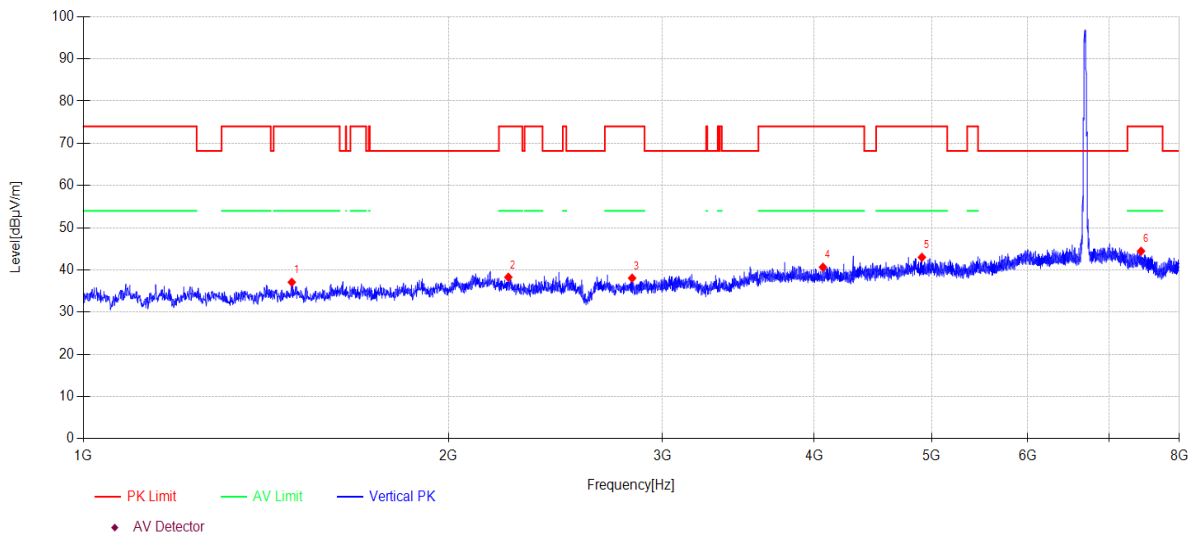
File Path:

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

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	1485.100	45.54	25.44	3.05	-36.94	37.09	74.00	36.91	PK	Vertical
2	2239.700	44.82	27.40	3.75	-37.69	38.28	74.00	35.72	PK	Vertical
3	2832.600	45.57	27.66	4.20	-39.37	38.06	74.00	35.94	PK	Vertical
4	4068.800	44.96	31.04	5.07	-40.42	40.65	74.00	33.35	PK	Vertical
5	4908.800	44.62	33.02	5.47	-40.11	43.00	74.00	31.00	PK	Vertical
6	7439.300	42.98	36.62	6.64	-41.80	44.44	74.00	29.56	PK	Vertical

Note:

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

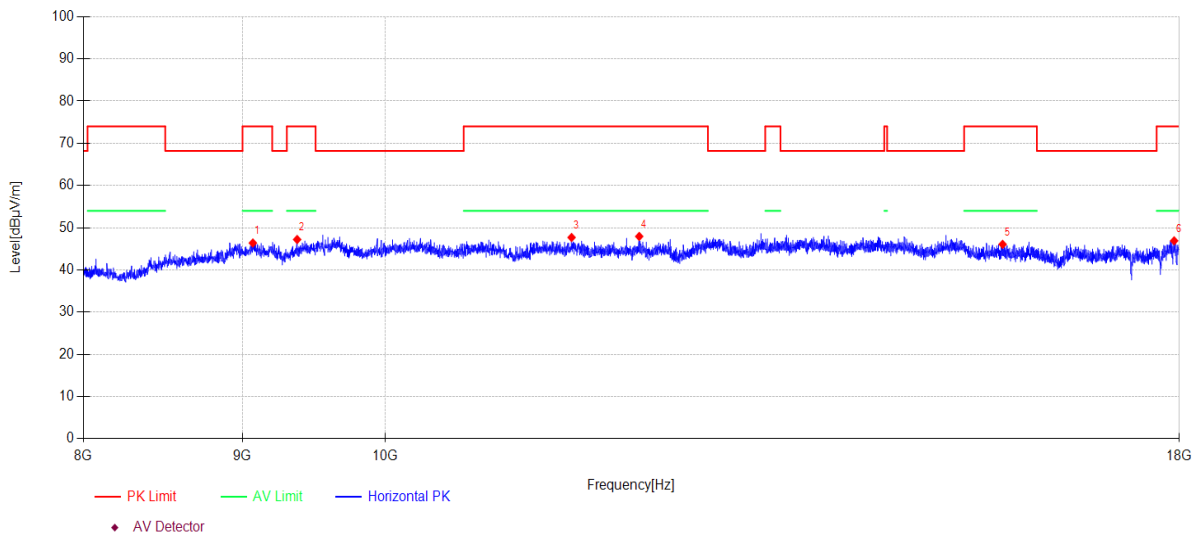
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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: 11AX20 TX 6695MHz 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\33
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	9069.000	41.37	38.44	5.36	-38.79	46.38	74.00	27.62	PK	Horizontal
2	9371.000	41.80	38.70	5.47	-38.76	47.21	74.00	26.79	PK	Horizontal
3	11481.000	41.79	39.22	6.01	-39.32	47.70	74.00	26.30	PK	Horizontal
4	12070.000	42.10	39.27	6.16	-39.59	47.94	74.00	26.06	PK	Horizontal
5	15794.000	38.97	38.31	8.03	-39.24	46.07	74.00	27.93	PK	Horizontal
6	17931.000	37.83	42.06	9.27	-42.25	46.91	74.00	27.09	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 6695MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

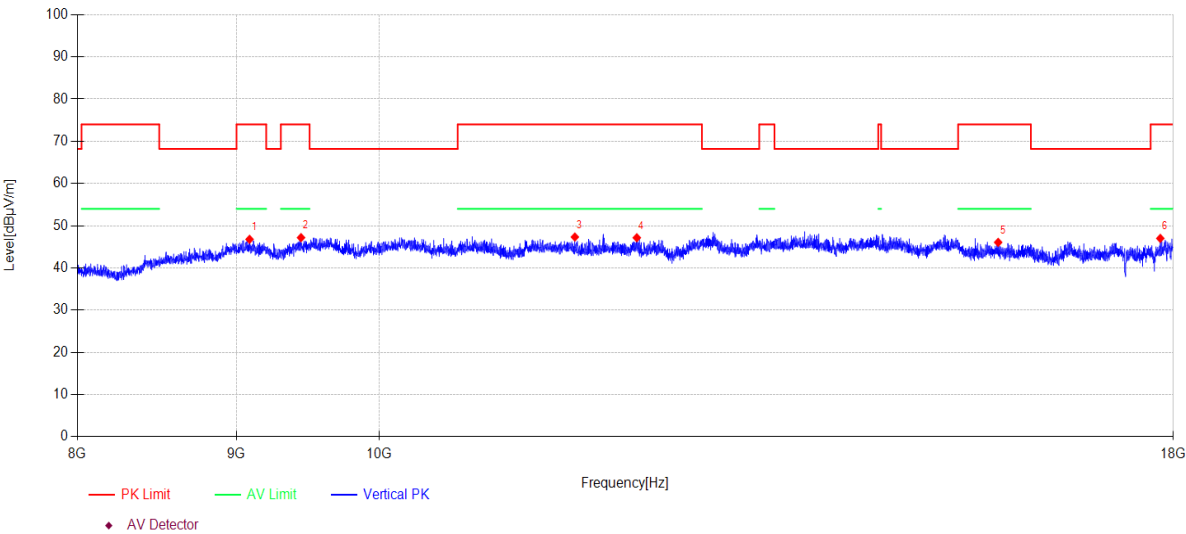
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\34

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	9087.000	41.73	38.47	5.36	-38.78	46.78	74.00	27.22	PK	Vertical
2	9440.000	41.74	38.70	5.50	-38.76	47.18	74.00	26.82	PK	Vertical
3	11560.000	41.57	39.08	6.02	-39.35	47.32	74.00	26.68	PK	Vertical
4	12102.000	41.28	39.30	6.17	-39.60	47.15	74.00	26.85	PK	Vertical
5	15812.000	38.98	38.28	8.05	-39.25	46.06	74.00	27.94	PK	Vertical
6	17827.000	38.72	41.10	9.19	-42.01	47.00	74.00	27.00	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:

2024-05-31

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

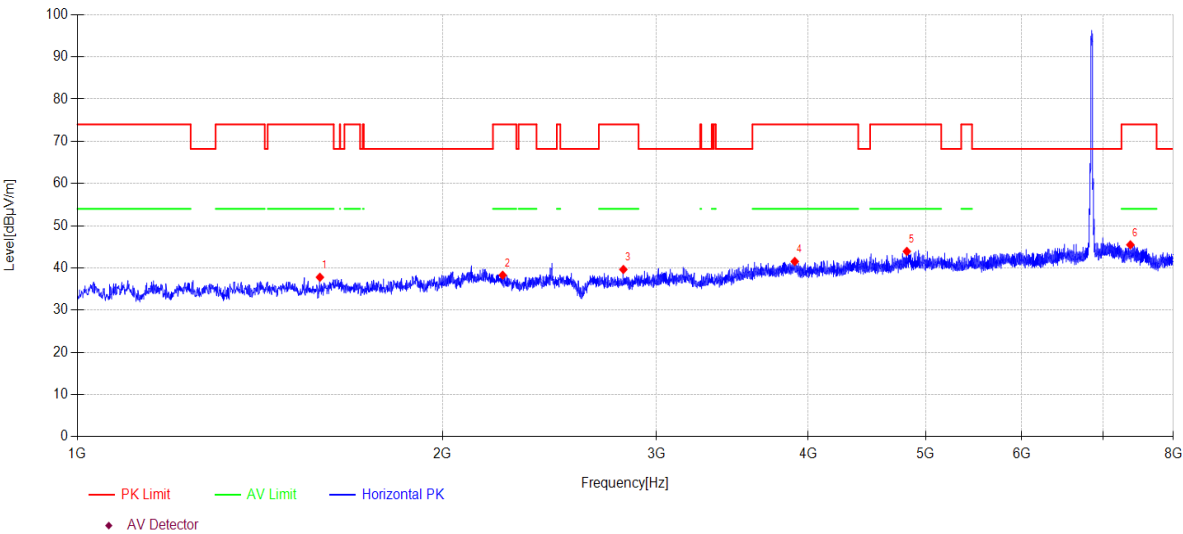
File Path:

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

Memo:

Sample Number:S24032709-002 Power Setting:16

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1584.500	46.25	25.35	3.15	-36.96	37.79	74.00	36.21	PK	Horizontal
2	2241.100	44.84	27.39	3.75	-37.69	38.29	74.00	35.71	PK	Horizontal
3	2817.900	47.23	27.54	4.19	-39.32	39.64	74.00	34.36	PK	Horizontal
4	3900.800	45.75	31.20	4.97	-40.39	41.53	74.00	32.47	PK	Horizontal
5	4824.800	45.49	33.14	5.43	-40.14	43.92	74.00	30.08	PK	Horizontal
6	7374.200	43.73	36.75	6.64	-41.64	45.48	74.00	28.52	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

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

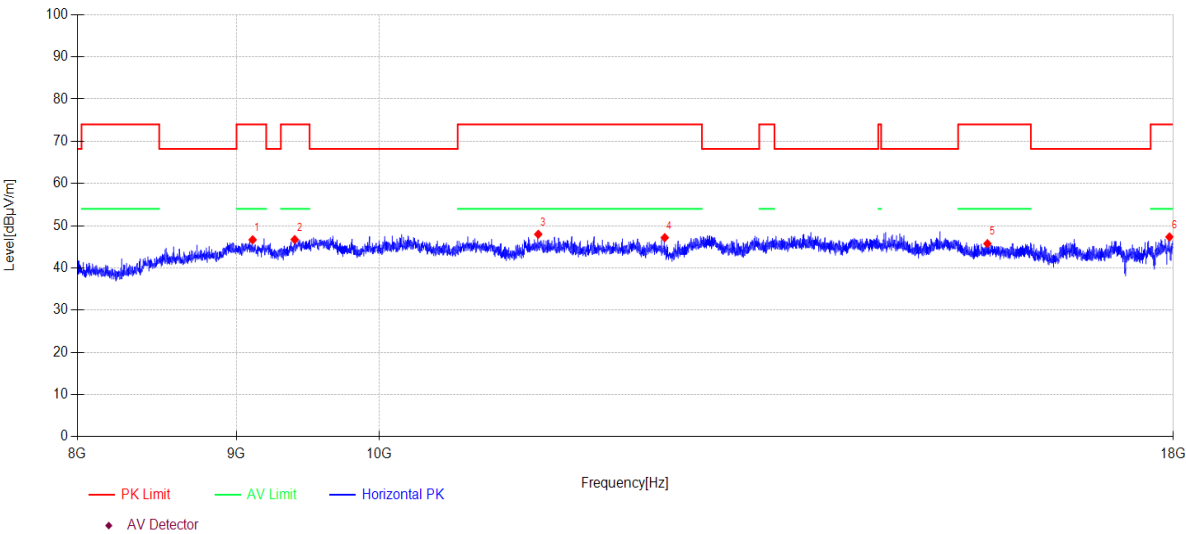
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\35

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	9108.000	41.57	38.50	5.37	-38.78	46.66	74.00	27.34	PK	Horizontal
2	9396.000	41.31	38.70	5.48	-38.76	46.73	74.00	27.27	PK	Horizontal
3	11251.000	42.03	39.20	5.96	-39.21	47.98	74.00	26.02	PK	Horizontal
4	12355.000	41.27	39.30	6.30	-39.70	47.17	74.00	26.83	PK	Horizontal
5	15687.000	38.46	38.51	7.95	-39.17	45.75	74.00	28.25	PK	Horizontal
6	17949.000	38.20	42.15	9.28	-42.29	47.34	74.00	26.66	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-05-31

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

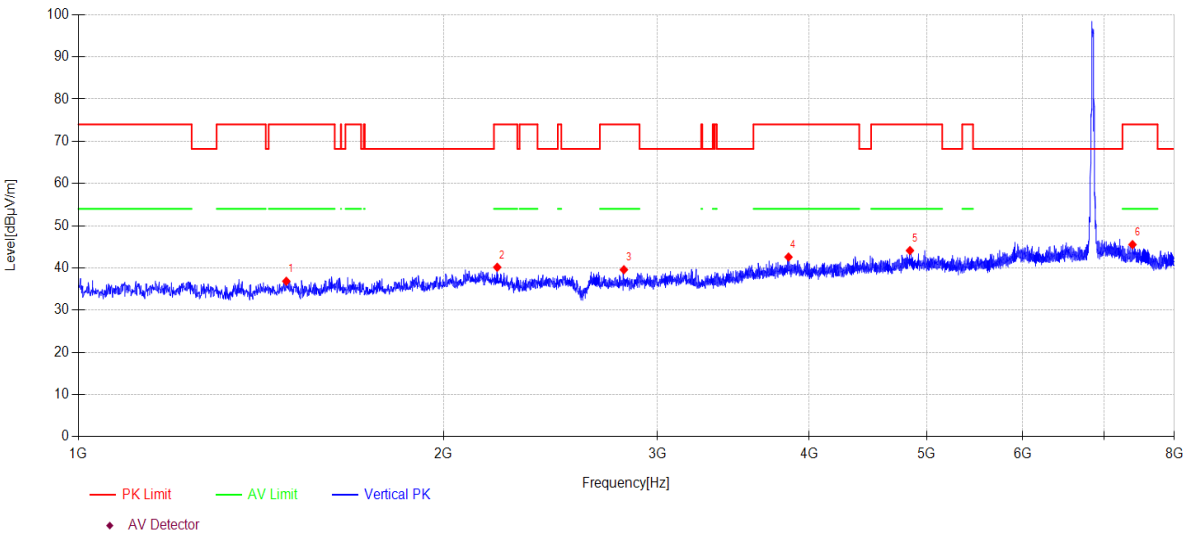
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\60

Memo:

Sample Number:S24032709-002 Power Setting:16

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1483.700	45.31	25.43	3.05	-36.94	36.85	74.00	37.15	PK	Vertical
2	2213.800	46.39	27.66	3.73	-37.62	40.16	74.00	33.84	PK	Vertical
3	2815.100	47.19	27.52	4.19	-39.32	39.58	74.00	34.42	PK	Vertical
4	3847.600	47.12	30.89	4.93	-40.36	42.58	74.00	31.42	PK	Vertical
5	4844.400	45.17	33.65	5.44	-40.14	44.12	74.00	29.88	PK	Vertical
6	7390.300	43.85	36.72	6.64	-41.68	45.53	74.00	28.47	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6855MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

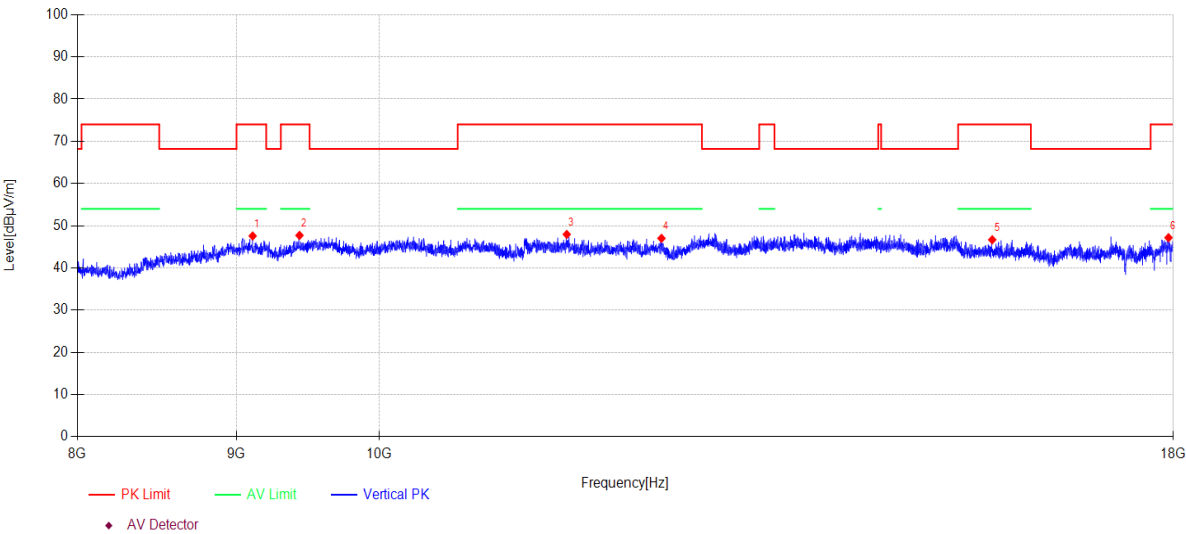
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\36

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	9108.000	42.49	38.50	5.37	-38.78	47.58	74.00	26.42	PK	Vertical
2	9429.000	42.28	38.70	5.49	-38.76	47.71	74.00	26.29	PK	Vertical
3	11491.000	42.04	39.21	6.01	-39.32	47.94	74.00	26.06	PK	Vertical
4	12325.000	41.11	39.30	6.29	-39.69	47.01	74.00	26.99	PK	Vertical
5	15743.000	39.49	38.41	7.99	-39.21	46.68	74.00	27.32	PK	Vertical
6	17936.000	38.08	42.08	9.27	-42.26	47.17	74.00	26.83	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:

11AX20 TX 6875MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

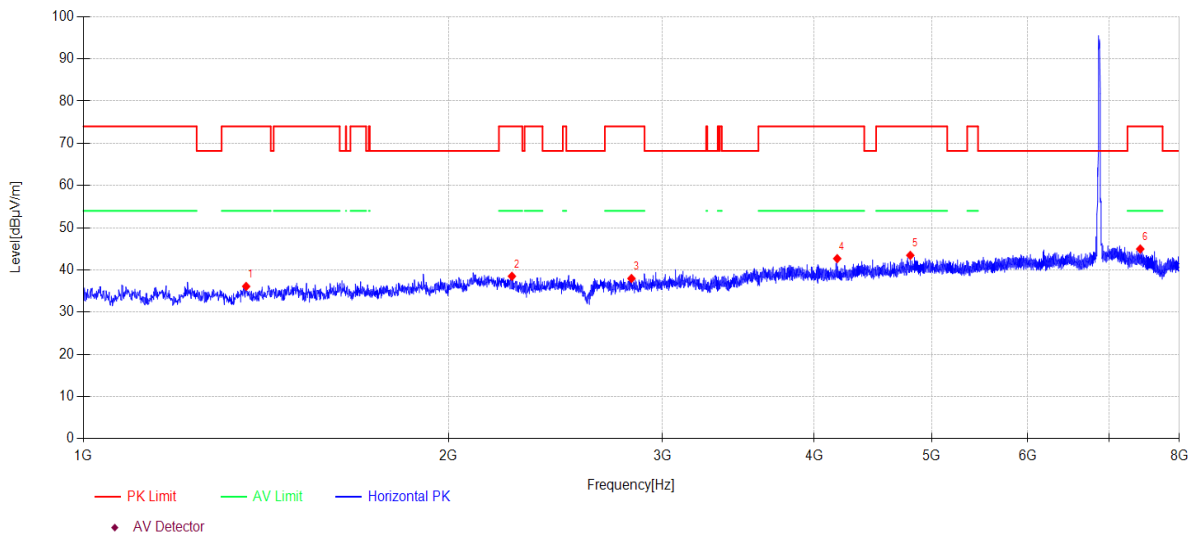
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\37

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	1361.900	45.23	24.87	2.93	-36.93	36.10	74.00	37.90	PK	Horizontal
2	2255.100	45.22	27.25	3.76	-37.73	38.50	74.00	35.50	PK	Horizontal
3	2829.100	45.50	27.63	4.20	-39.36	37.97	74.00	36.03	PK	Horizontal
4	4180.100	46.74	31.20	5.12	-40.38	42.68	74.00	31.32	PK	Horizontal
5	4801.700	45.64	32.54	5.42	-40.15	43.45	74.00	30.55	PK	Horizontal
6	7428.100	43.46	36.64	6.64	-41.77	44.97	74.00	29.03	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6875MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

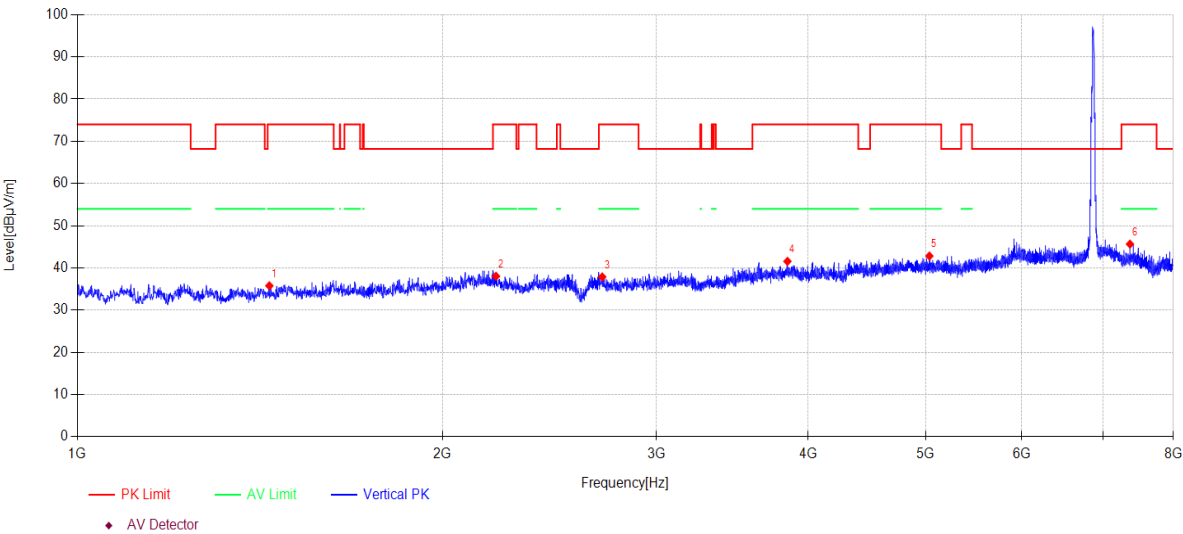
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\38

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	1439.600	44.45	25.26	3.00	-36.94	35.77	74.00	38.23	PK	Vertical
2	2213.100	44.24	27.67	3.73	-37.61	38.03	74.00	35.97	PK	Vertical
3	2707.300	45.25	27.51	4.11	-39.01	37.86	74.00	36.14	PK	Vertical
4	3846.900	46.11	30.89	4.93	-40.36	41.57	74.00	32.43	PK	Vertical
5	5036.200	44.11	33.27	5.53	-40.08	42.83	74.00	31.17	PK	Vertical
6	7368.600	43.86	36.76	6.64	-41.62	45.64	74.00	28.36	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:

11AX20 TX 6875MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

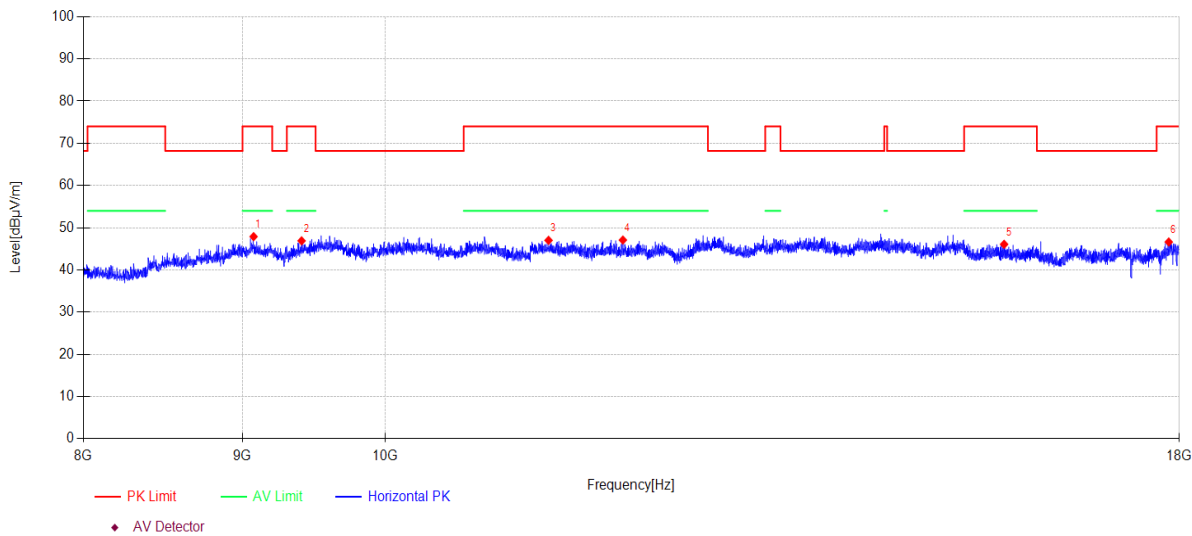
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\39

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	9074.000	42.87	38.45	5.36	-38.78	47.90	74.00	26.10	PK	Horizontal
2	9402.000	41.48	38.70	5.48	-38.76	46.90	74.00	27.10	PK	Horizontal
3	11287.000	41.07	39.20	5.96	-39.22	47.01	74.00	26.99	PK	Horizontal
4	11925.000	41.52	38.98	6.10	-39.52	47.08	74.00	26.92	PK	Horizontal
5	15811.000	38.99	38.28	8.05	-39.25	46.07	74.00	27.93	PK	Horizontal
6	17860.000	38.03	41.46	9.22	-42.09	46.62	74.00	27.38	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 6875MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

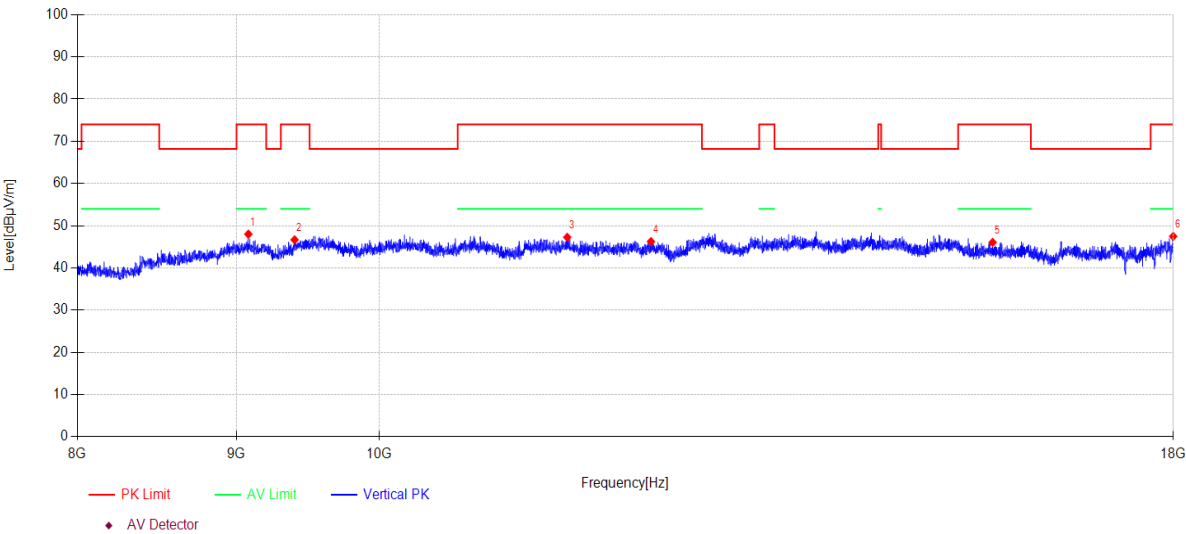
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\40

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	9079.000	42.96	38.46	5.36	-38.78	48.00	74.00	26.00	PK	Vertical
2	9395.000	41.24	38.70	5.48	-38.76	46.66	74.00	27.34	PK	Vertical
3	11495.000	41.37	39.21	6.01	-39.32	47.27	74.00	26.73	PK	Vertical
4	12230.000	40.36	39.30	6.24	-39.65	46.25	74.00	27.75	PK	Vertical
5	15747.000	38.85	38.41	8.00	-39.21	46.05	74.00	27.95	PK	Vertical
6	17998.000	38.17	42.39	9.32	-42.40	47.48	74.00	26.52	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

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

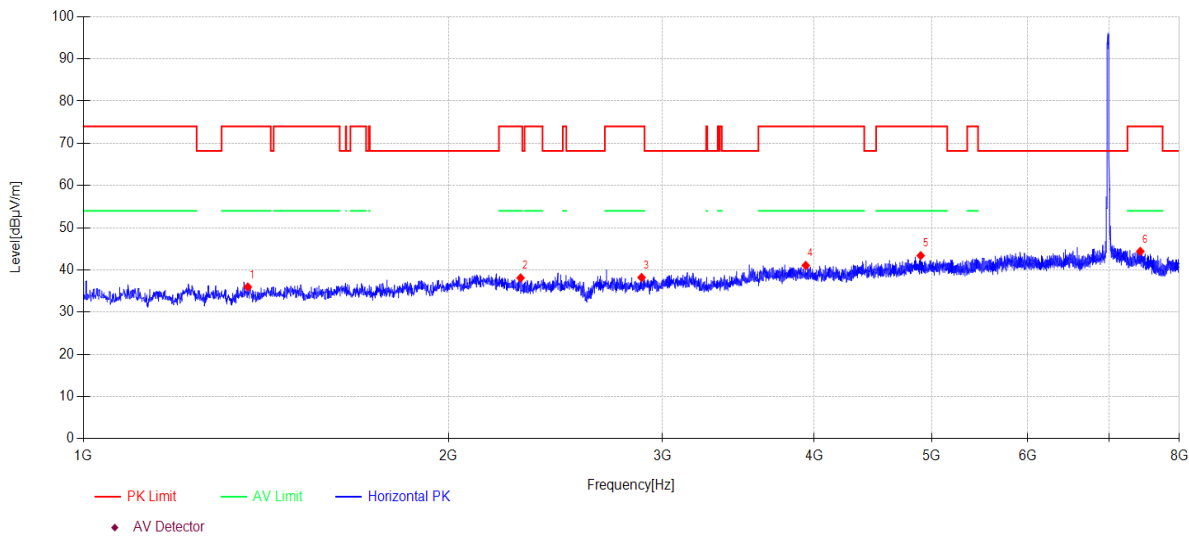
File Path:

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

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	1366.100	45.06	24.90	2.93	-36.93	35.96	74.00	38.04	PK	Horizontal
2	2292.200	45.27	26.88	3.79	-37.84	38.10	74.00	35.90	PK	Horizontal
3	2883.700	45.41	28.07	4.24	-39.51	38.21	74.00	35.79	PK	Horizontal
4	3937.900	45.35	31.12	5.00	-40.41	41.06	74.00	32.94	PK	Horizontal
5	4897.600	45.01	33.04	5.46	-40.12	43.39	74.00	30.61	PK	Horizontal
6	7428.800	42.89	36.64	6.64	-41.77	44.40	74.00	29.60	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6895MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

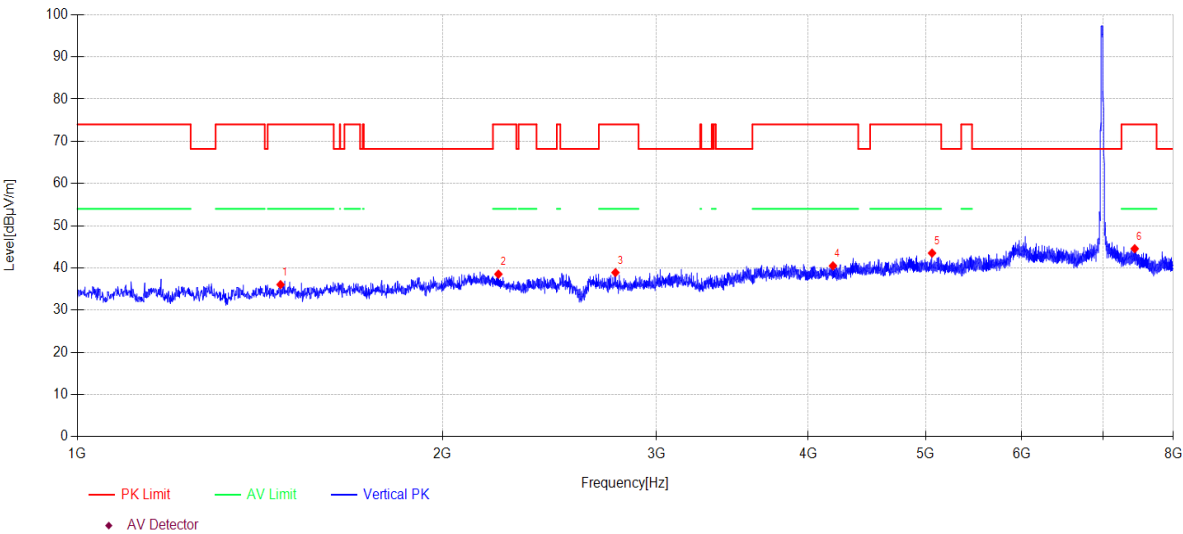
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\46

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	1470.400	44.57	25.38	3.04	-36.94	36.05	74.00	37.95	PK	Vertical
2	2222.900	44.86	27.57	3.74	-37.64	38.53	74.00	35.47	PK	Vertical
3	2775.900	46.45	27.50	4.16	-39.21	38.90	74.00	35.10	PK	Vertical
4	4194.100	44.54	31.20	5.13	-40.38	40.49	74.00	33.51	PK	Vertical
5	5061.400	44.72	33.32	5.54	-40.07	43.51	74.00	30.49	PK	Vertical
6	7434.400	43.07	36.63	6.64	-41.79	44.55	74.00	29.45	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.

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 6895MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

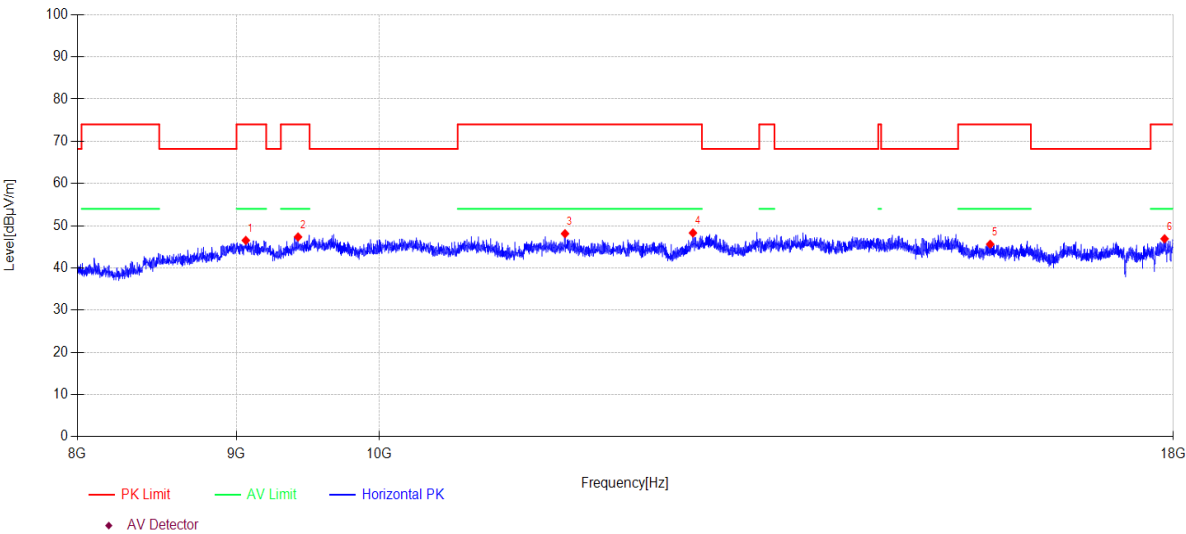
File Path:

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

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	9062.000	41.54	38.42	5.35	-38.79	46.52	74.00	27.48	PK	Horizontal
2	9419.000	41.91	38.70	5.49	-38.76	47.34	74.00	26.66	PK	Horizontal
3	11476.000	42.21	39.22	6.00	-39.31	48.12	74.00	25.88	PK	Horizontal
4	12616.000	42.23	39.43	6.43	-39.80	48.29	74.00	25.71	PK	Horizontal
5	15719.000	38.36	38.46	7.98	-39.19	45.61	74.00	28.39	PK	Horizontal
6	17884.000	38.08	41.72	9.24	-42.14	46.90	74.00	27.10	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6895MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

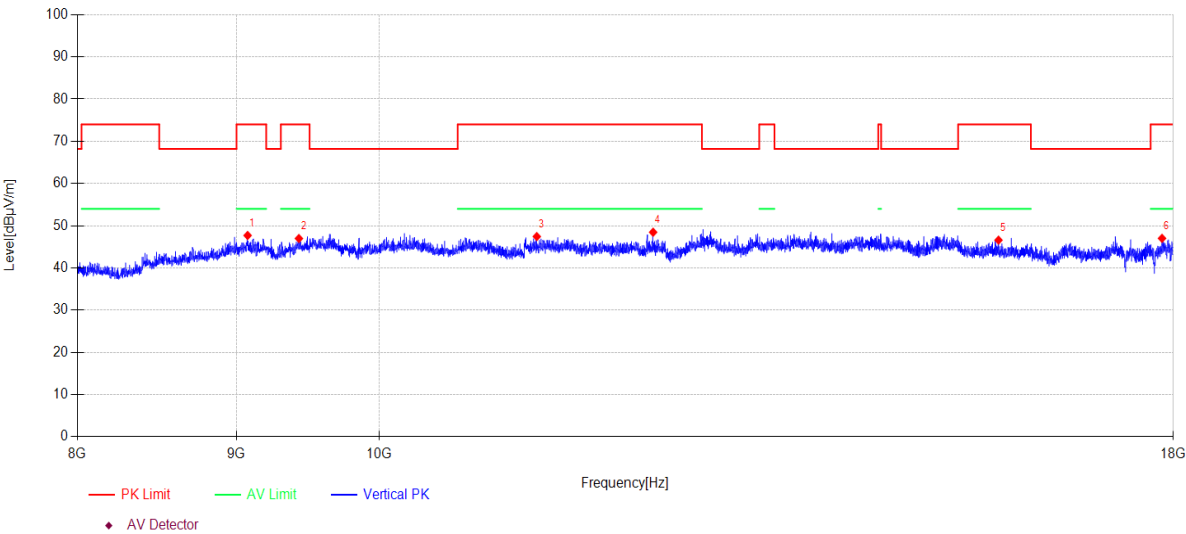
File Path:

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

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	9074.000	42.66	38.45	5.36	-38.78	47.69	74.00	26.31	PK	Vertical
2	9425.000	41.55	38.70	5.49	-38.76	46.98	74.00	27.02	PK	Vertical
3	11239.000	41.49	39.20	5.95	-39.20	47.44	74.00	26.56	PK	Vertical
4	12249.000	42.57	39.30	6.25	-39.66	48.46	74.00	25.54	PK	Vertical
5	15816.000	39.52	38.27	8.05	-39.25	46.59	74.00	27.41	PK	Vertical
6	17850.000	38.52	41.35	9.21	-42.07	47.01	74.00	26.99	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:

11AX20 TX 6995MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

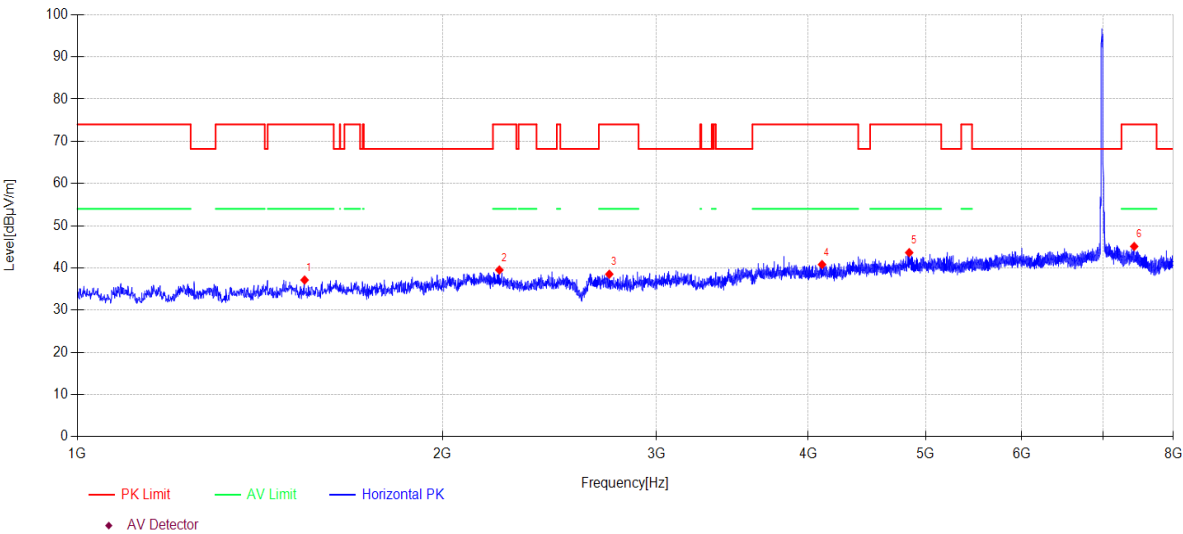
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\41

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	1539.000	46.04	24.95	3.10	-36.95	37.14	74.00	36.86	PK	Horizontal
2	2227.100	45.90	27.53	3.74	-37.65	39.52	74.00	34.48	PK	Horizontal
3	2743.700	45.90	27.59	4.14	-39.11	38.52	74.00	35.48	PK	Horizontal
4	4108.000	45.01	31.12	5.09	-40.41	40.81	74.00	33.19	PK	Horizontal
5	4847.200	44.60	33.73	5.44	-40.14	43.63	74.00	30.37	PK	Horizontal
6	7427.400	43.58	36.65	6.64	-41.77	45.10	74.00	28.90	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

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

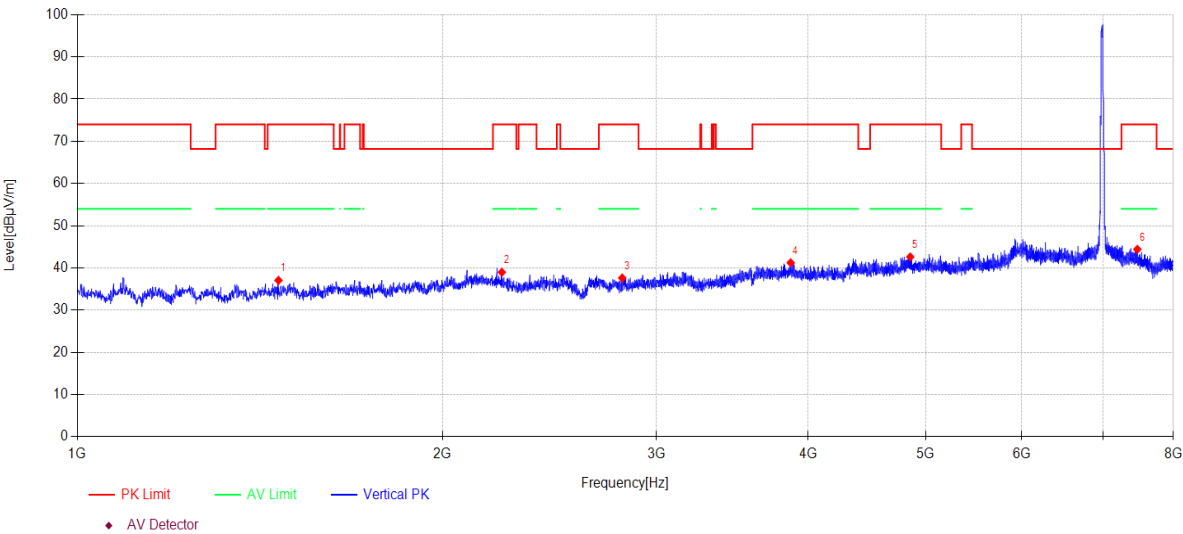
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\42

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	1464.800	45.61	25.36	3.03	-36.94	37.06	74.00	36.94	PK	Vertical
2	2237.600	45.48	27.42	3.75	-37.68	38.97	74.00	35.03	PK	Vertical
3	2811.600	45.24	27.49	4.19	-39.31	37.61	74.00	36.39	PK	Vertical
4	3870.700	45.62	31.02	4.95	-40.37	41.22	74.00	32.78	PK	Vertical
5	4856.300	43.61	33.70	5.44	-40.13	42.62	74.00	31.38	PK	Vertical
6	7471.500	43.08	36.56	6.65	-41.88	44.41	74.00	29.59	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2024-04-25

Tested By:Junchang Du

EUT:Wireless Access Point

Model Number:RG-RAP73Pro

Test Mode:11AX20 TX 6995MHz ANT1+2+3

Power Supply:AC 120V/60Hz

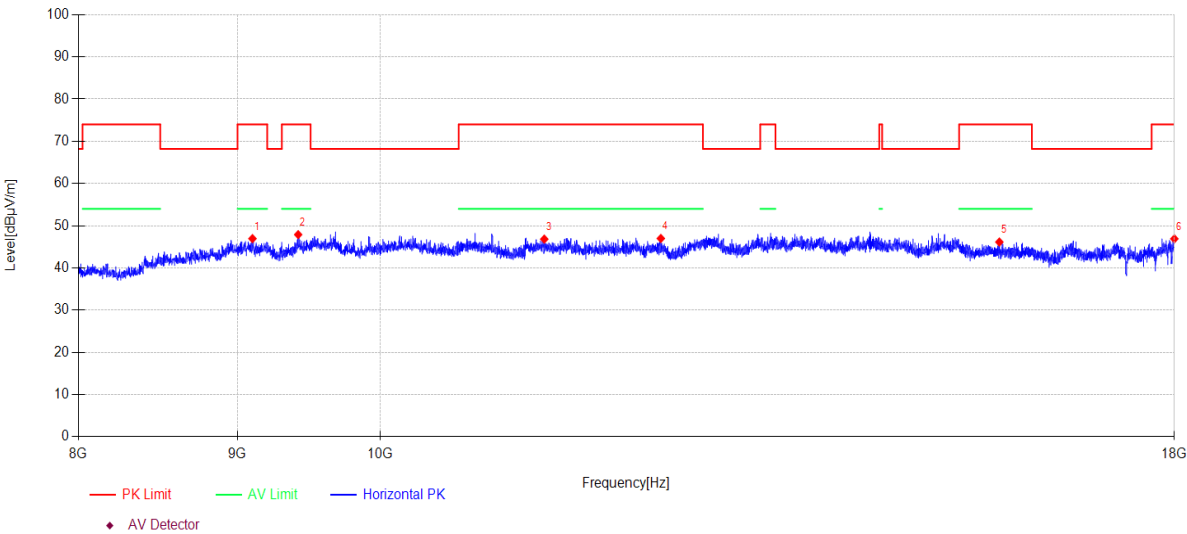
Condition:Temp:23.4°C;Humi:62.3%

Test Site:DDT 3# Chamber

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

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	9100.000	41.85	38.50	5.37	-38.78	46.94	74.00	27.06	PK	Horizontal
2	9413.000	42.46	38.70	5.49	-38.76	47.89	74.00	26.11	PK	Horizontal
3	11293.000	40.90	39.20	5.96	-39.23	46.83	74.00	27.17	PK	Horizontal
4	12310.000	41.08	39.30	6.28	-39.68	46.98	74.00	27.02	PK	Horizontal
5	15814.000	39.07	38.27	8.05	-39.25	46.14	74.00	27.86	PK	Horizontal
6	18000.000	37.58	42.40	9.32	-42.40	46.90	74.00	27.10	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 6995MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

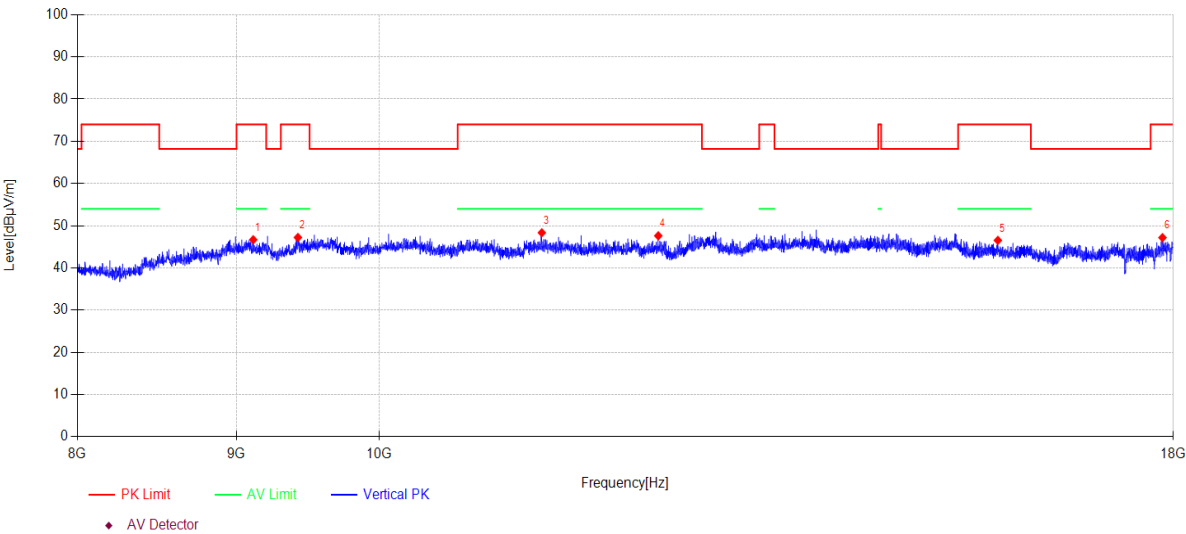
File Path:

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

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	9112.000	41.60	38.50	5.37	-38.78	46.69	74.00	27.31	PK	Vertical
2	9418.000	41.79	38.70	5.49	-38.76	47.22	74.00	26.78	PK	Vertical
3	11281.000	42.40	39.20	5.96	-39.22	48.34	74.00	25.66	PK	Vertical
4	12296.000	41.73	39.30	6.27	-39.68	47.62	74.00	26.38	PK	Vertical
5	15808.000	39.45	38.28	8.04	-39.24	46.53	74.00	27.47	PK	Vertical
6	17856.000	38.63	41.42	9.21	-42.08	47.18	74.00	26.82	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-04-25

Tested By:

Junchang Du

EUT:

Wireless Access Point

Model Number:

RG-RAP73Pro

Test Mode:

11AX20 TX 7115MHz ANT1+2+3

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

DDT 3# Chamber

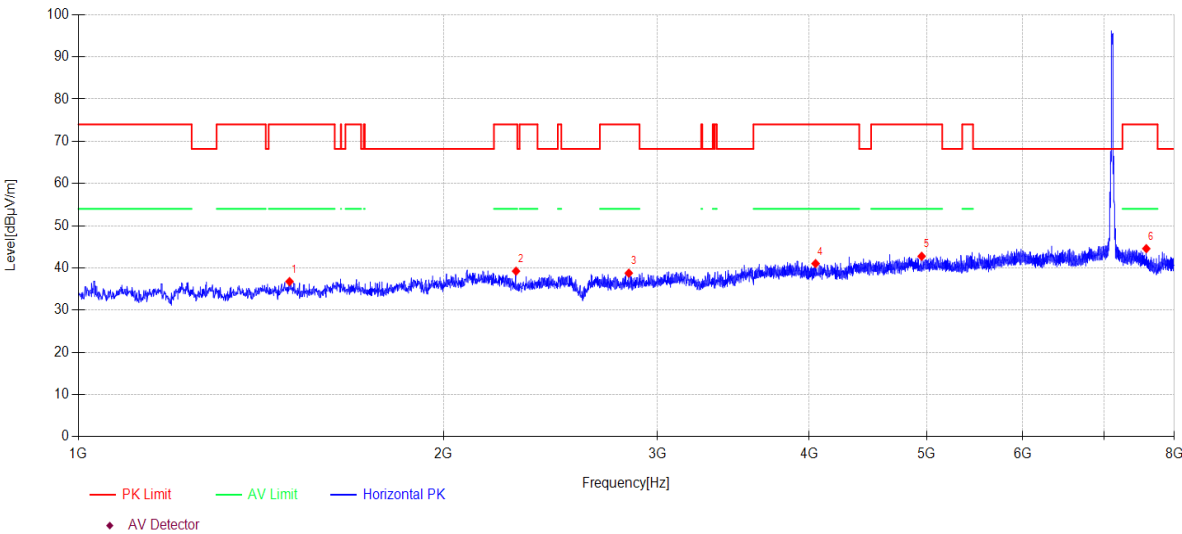
File Path:

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

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	1492.800	45.18	25.47	3.06	-36.94	36.77	74.00	37.23	PK	Horizontal
2	2294.300	46.43	26.86	3.79	-37.84	39.24	74.00	34.76	PK	Horizontal
3	2841.700	46.22	27.73	4.21	-39.39	38.77	74.00	35.23	PK	Horizontal
4	4049.900	45.40	31.00	5.06	-40.43	41.03	74.00	32.97	PK	Horizontal
5	4952.900	44.26	33.11	5.49	-40.10	42.76	74.00	31.24	PK	Horizontal
6	7585.600	43.60	36.47	6.66	-42.16	44.57	74.00	29.43	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

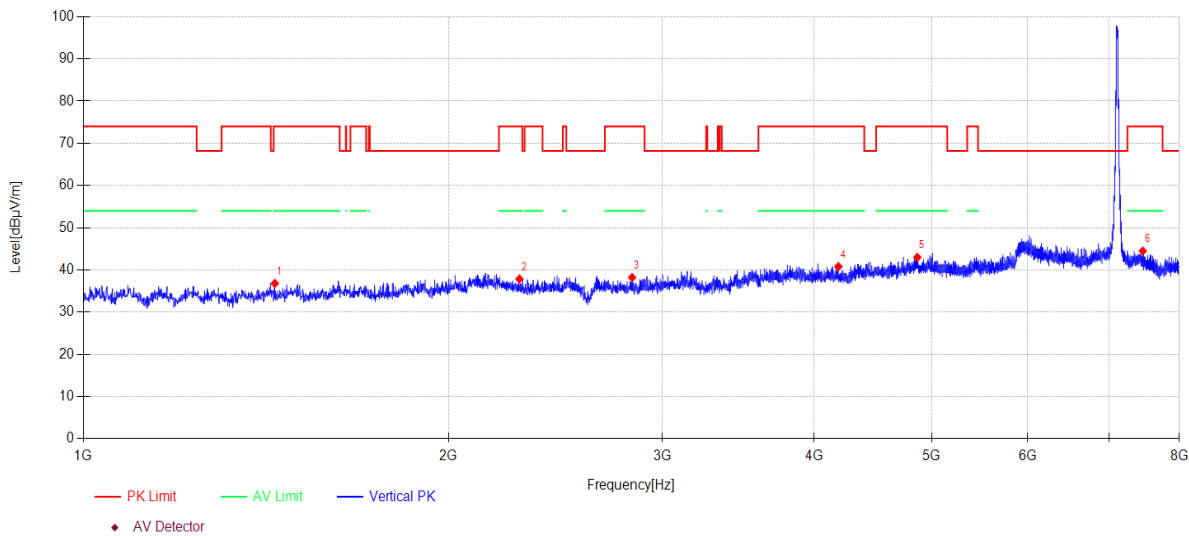
File Path:

d:\ts\2024 report data\Q24032709-1E\FCC ABOVE 1G 6G\2

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	1438.200	45.51	25.25	3.00	-36.94	36.82	74.00	37.18	PK	Vertical
2	2287.300	44.97	26.93	3.79	-37.82	37.87	74.00	36.13	PK	Vertical
3	2832.600	45.72	27.66	4.20	-39.37	38.21	74.00	35.79	PK	Vertical
4	4189.900	44.86	31.20	5.13	-40.38	40.81	74.00	33.19	PK	Vertical
5	4866.100	44.14	33.54	5.45	-40.13	43.00	74.00	31.00	PK	Vertical
6	7463.800	43.13	36.57	6.65	-41.86	44.49	74.00	29.51	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.