

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-18

Tested By:

Bairong

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

5GWIFI TX

Power Supply:

AC 230V/50Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

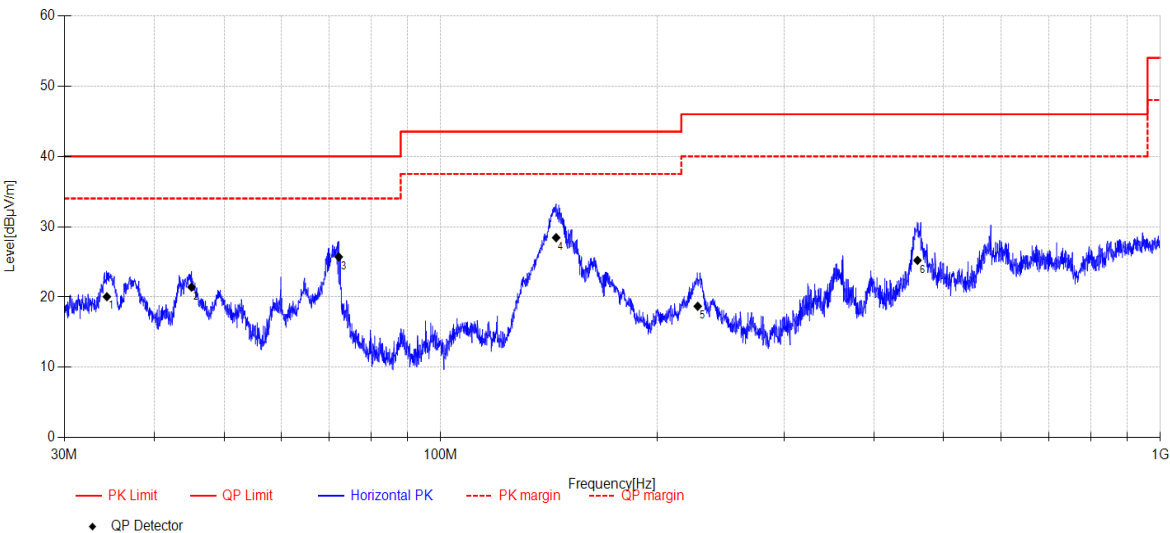
DDT 3# Chamber

File Path:

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Memo:

Sample Number:S23110312-02 Power Setting:NA



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	34.37	34.88	11.57	4.53	-30.93	20.05	40.00	19.95	QP	Horizontal
2	45.05	34.37	13.15	4.67	-30.77	21.42	40.00	18.58	QP	Horizontal
3	72.17	41.93	9.53	4.80	-30.55	25.71	40.00	14.29	QP	Horizontal
4	144.69	45.18	8.74	5.29	-30.77	28.44	43.50	15.06	QP	Horizontal
5	227.60	31.8	11.56	5.85	-30.52	18.69	46.00	27.31	QP	Horizontal
6	459.83	32.45	15.90	6.84	-29.98	25.21	46.00	20.79	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:

2024-02-18

Tested By:

Bairong

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

5GWIFI TX

Power Supply:

AC 230V/50Hz

Condition:

Temp:23.4°C;Humi:62.3%

Test Site:

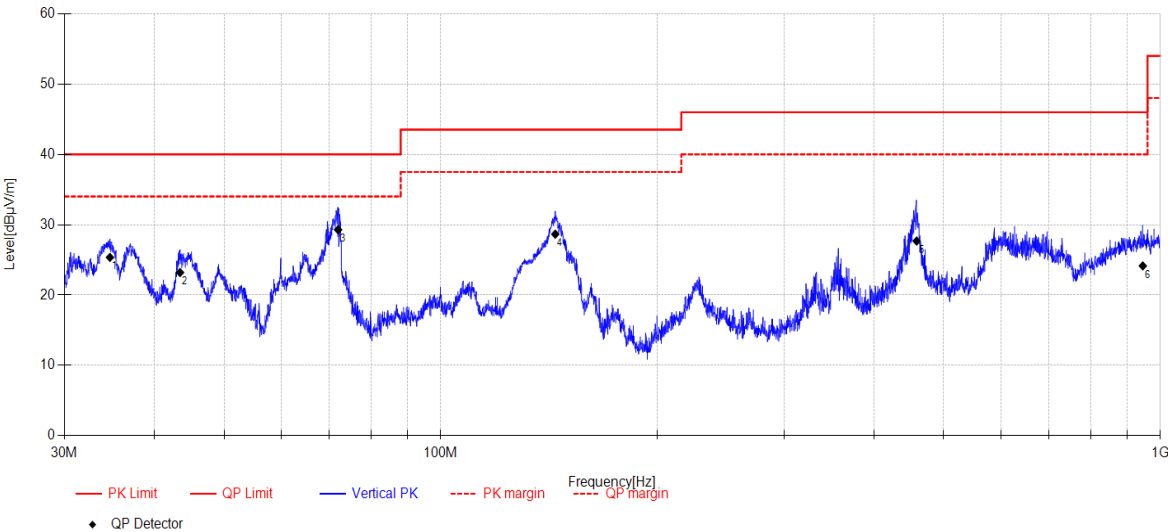
DDT 3# Chamber

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Memo:

Sample Number:S23110312-02 Power Setting:NA



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	34.71	40.17	11.59	4.53	-30.93	25.36	40.00	14.64	QP	Vertical
2	43.44	36.48	12.89	4.64	-30.80	23.21	40.00	16.79	QP	Vertical
3	72.02	45.44	9.59	4.80	-30.55	29.28	40.00	10.72	QP	Vertical
4	144.29	45.07	9.07	5.29	-30.77	28.66	43.50	14.84	QP	Vertical
5	458.54	34.9	15.93	6.83	-29.98	27.68	46.00	18.32	QP	Vertical
6	945.45	22.63	21.61	8.50	-28.59	24.15	46.00	21.85	QP	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5180MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

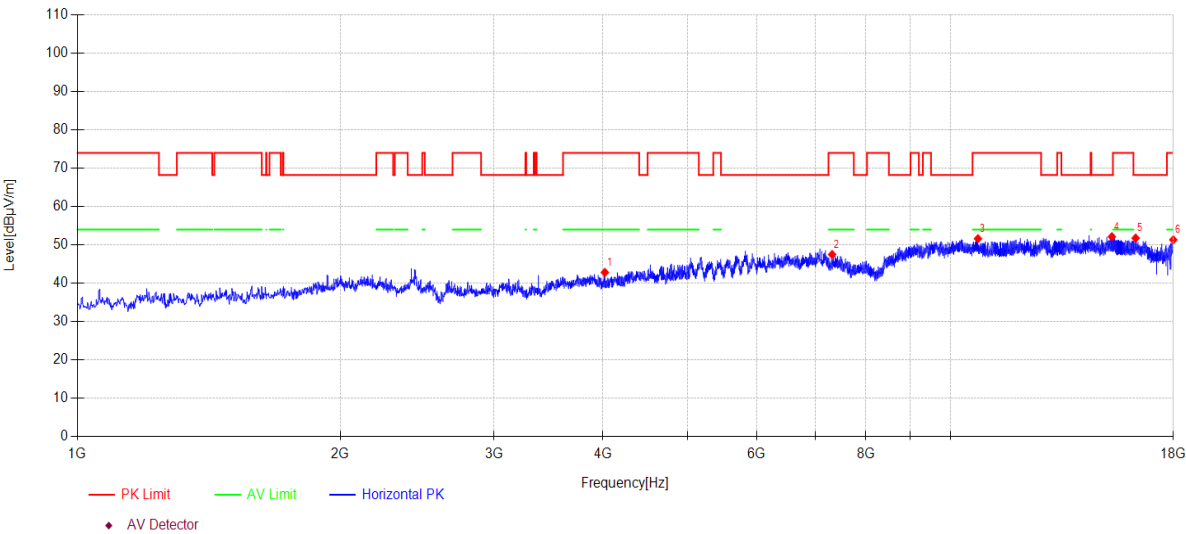
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	4019.20	46.22	30.94	6.12	-40.44	42.84	74.00	31.16	PK	Horizontal
2	7318.90	43.24	36.86	8.91	-41.50	47.51	74.00	26.49	PK	Horizontal
3	10752.90	41.73	39.40	9.50	-39.00	51.63	74.00	22.37	PK	Horizontal
4	15307.20	38.76	39.74	12.58	-38.94	52.14	68.20	16.06	PK	Horizontal
5	16294.90	38.74	37.80	14.83	-39.60	51.77	68.20	16.43	PK	Horizontal
6	17998.30	38.50	42.39	12.85	-42.40	51.34	74.00	22.66	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:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5180MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

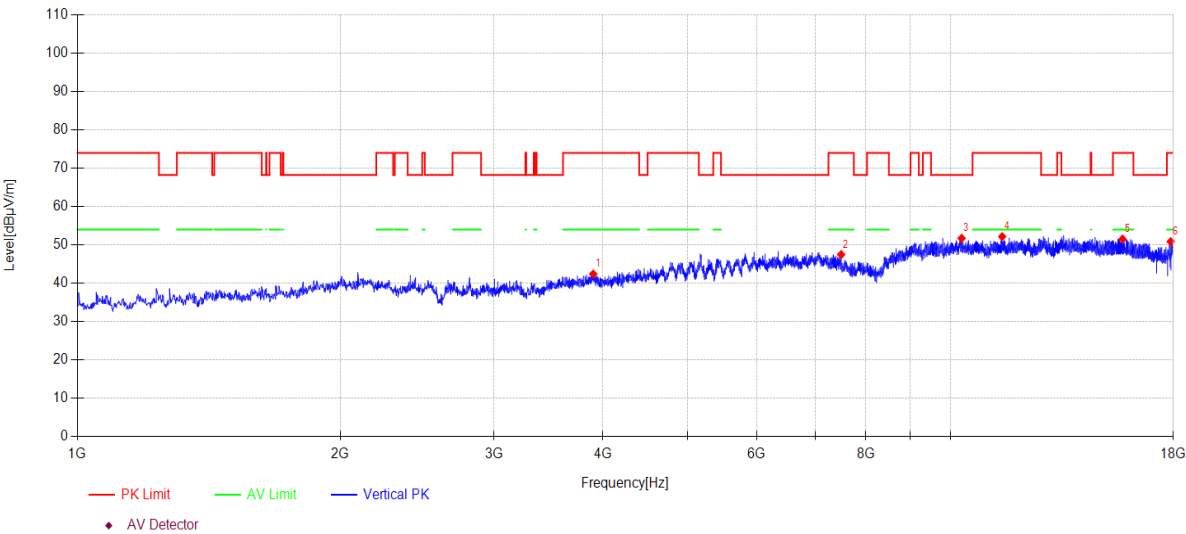
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3898.50	45.61	31.19	6.01	-40.39	42.42	74.00	31.58	PK	Vertical
2	7495.70	44.03	36.51	8.88	-41.94	47.48	74.00	26.52	PK	Vertical
3	10299.00	42.21	38.90	9.45	-38.83	51.73	68.20	16.47	PK	Vertical
4	11461.80	42.34	39.24	9.89	-39.31	52.16	74.00	21.84	PK	Vertical
5	15742.40	37.54	38.42	14.77	-39.21	51.52	74.00	22.48	PK	Vertical
6	17874.20	38.62	41.62	12.73	-42.12	50.85	74.00	23.15	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5200MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

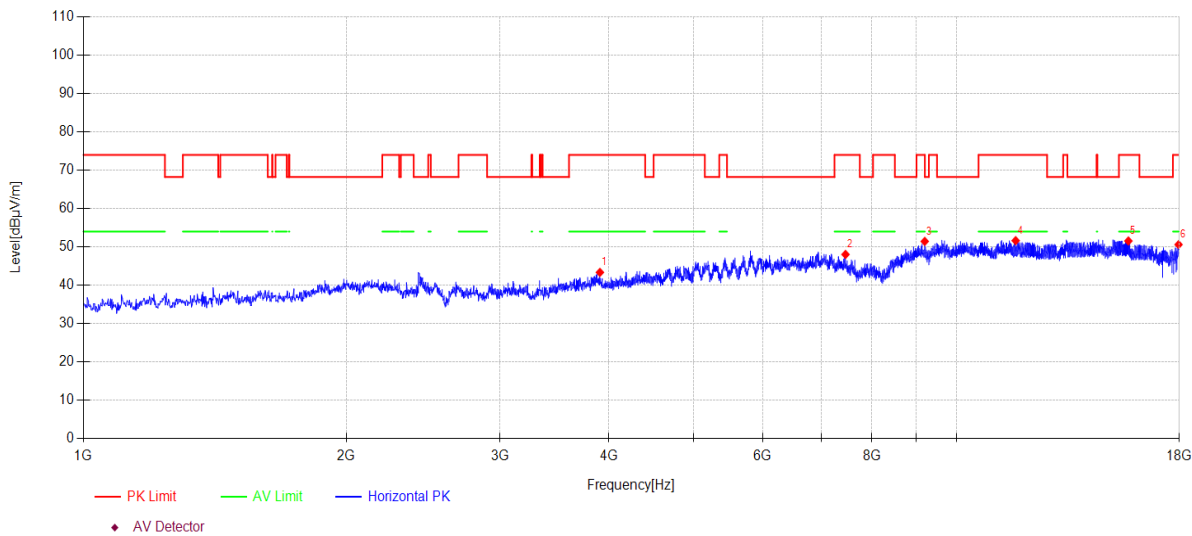
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3905.30	46.55	31.19	6.01	-40.39	43.36	74.00	30.64	PK	Horizontal
2	7463.40	44.44	36.57	8.89	-41.86	48.04	74.00	25.96	PK	Horizontal
3	9197.40	42.51	38.59	9.12	-38.78	51.44	74.00	22.56	PK	Horizontal
4	11689.60	41.98	39.00	10.07	-39.41	51.64	74.00	22.36	PK	Horizontal
5	15737.30	37.57	38.43	14.75	-39.20	51.55	74.00	22.45	PK	Horizontal
6	17964.30	37.88	42.22	12.82	-42.32	50.60	74.00	23.40	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:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5200MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

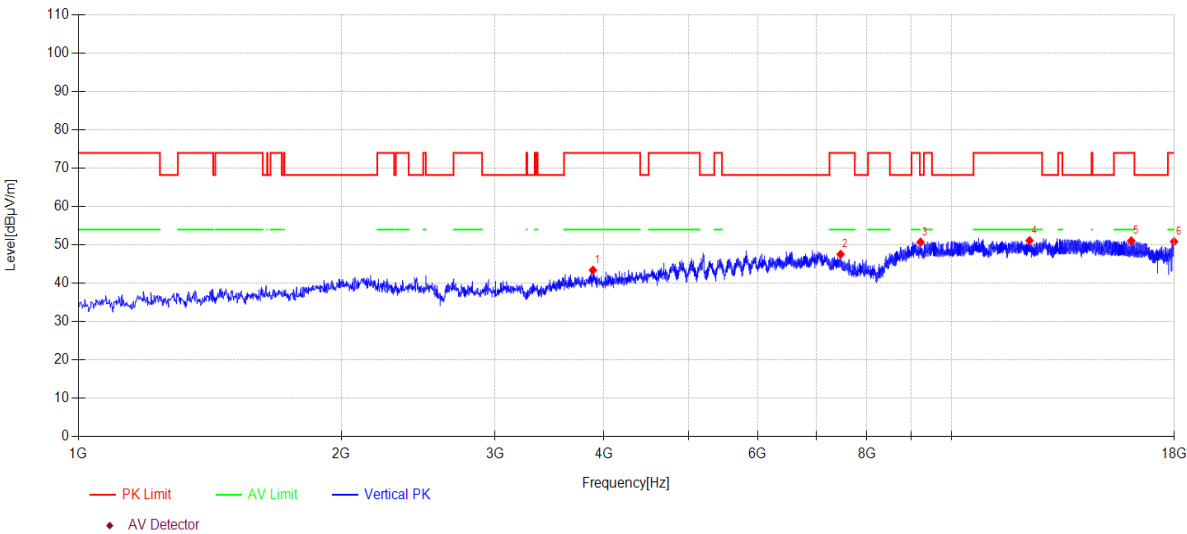
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3884.90	46.68	31.11	6.00	-40.38	43.41	74.00	30.59	PK	Vertical
2	7465.10	43.96	36.57	8.89	-41.86	47.56	74.00	26.44	PK	Vertical
3	9217.80	41.78	38.60	9.12	-38.77	50.73	68.20	17.47	PK	Vertical
4	12286.30	41.17	39.30	10.34	-39.67	51.14	74.00	22.86	PK	Vertical
5	16065.40	36.74	37.93	15.80	-39.41	51.06	74.00	22.94	PK	Vertical
6	17988.10	38.06	42.34	12.84	-42.37	50.87	74.00	23.13	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:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5240MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

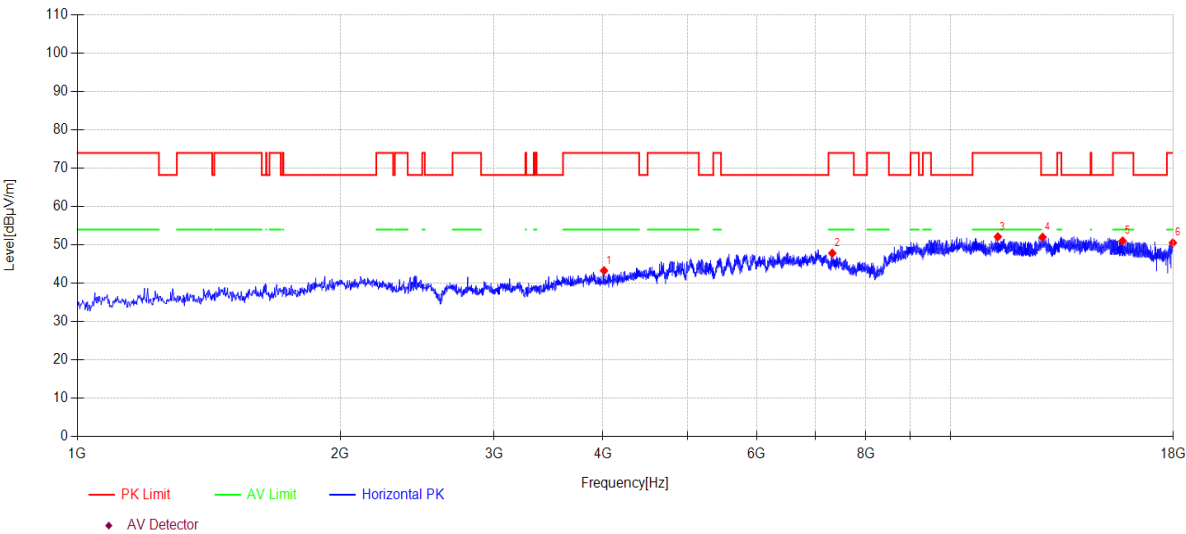
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4010.70	46.72	30.92	6.10	-40.45	43.29	74.00	30.71	PK	Horizontal
2	7322.30	43.57	36.86	8.91	-41.51	47.83	74.00	26.17	PK	Horizontal
3	11332.60	42.35	39.23	9.79	-39.25	52.12	74.00	21.88	PK	Horizontal
4	12748.70	41.79	39.70	10.36	-39.85	52.00	68.20	16.20	PK	Horizontal
5	15744.10	37.06	38.41	14.78	-39.21	51.04	74.00	22.96	PK	Horizontal
6	17977.90	37.79	42.29	12.83	-42.35	50.56	74.00	23.44	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:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5240MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

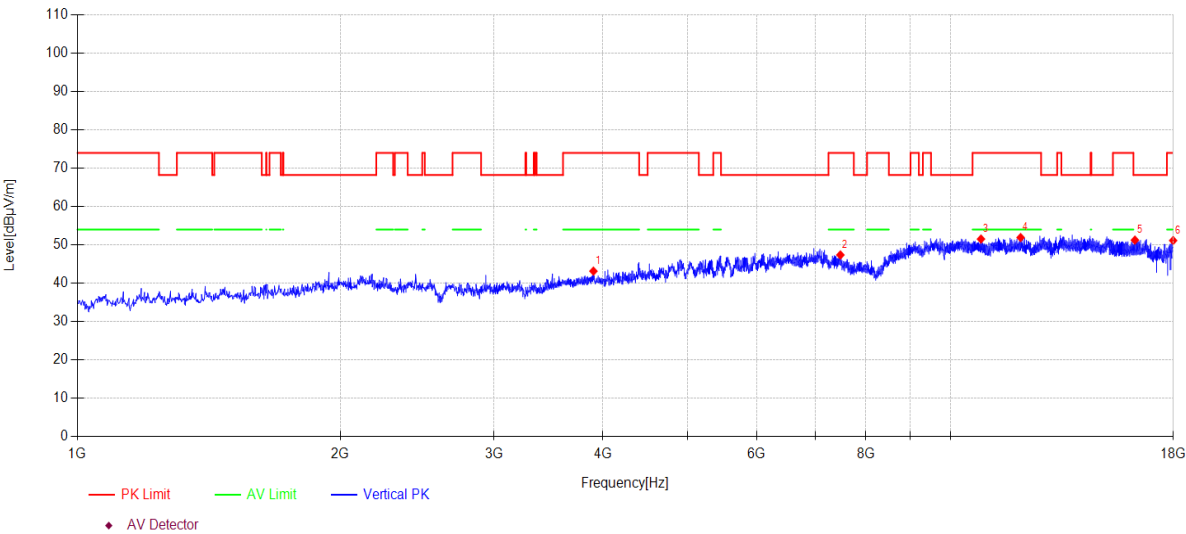
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3900.20	46.35	31.20	6.01	-40.39	43.17	74.00	30.83	PK	Vertical
2	7480.40	43.86	36.54	8.88	-41.90	47.38	74.00	26.62	PK	Vertical
3	10837.90	41.70	39.36	9.50	-39.03	51.53	74.00	22.47	PK	Vertical
4	12033.00	41.95	39.23	10.32	-39.57	51.93	74.00	22.07	PK	Vertical
5	16264.30	38.06	37.80	14.96	-39.57	51.25	68.20	16.95	PK	Vertical
6	17991.50	38.32	42.36	12.84	-42.38	51.14	74.00	22.86	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:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5260MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

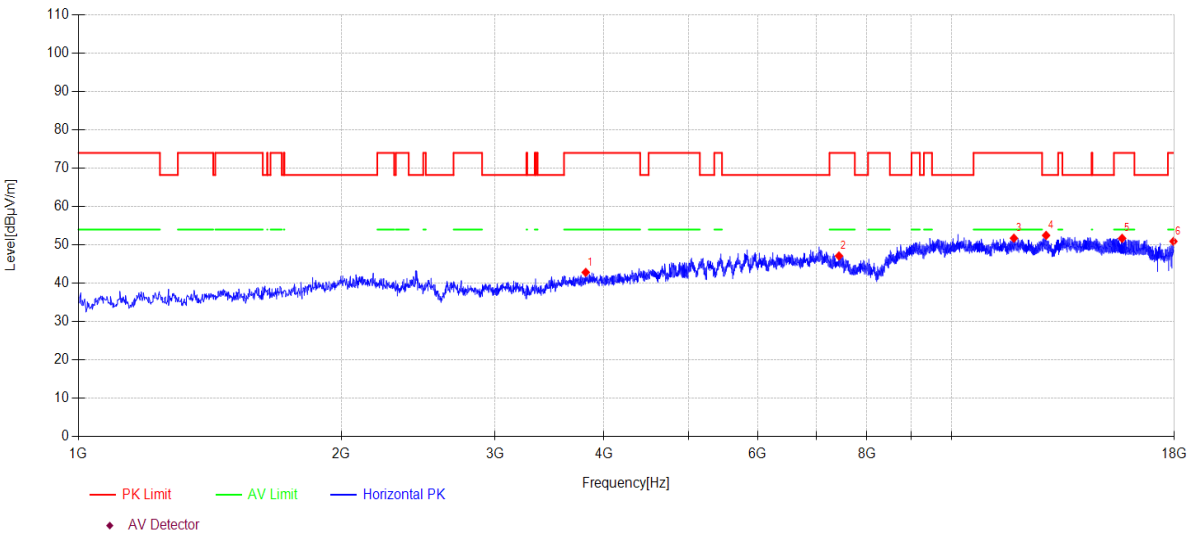
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3811.80	46.50	30.75	5.94	-40.34	42.85	74.00	31.15	PK	Horizontal
2	7432.80	43.38	36.63	8.89	-41.78	47.12	74.00	26.88	PK	Horizontal
3	11789.90	42.15	38.91	10.15	-39.46	51.75	74.00	22.25	PK	Horizontal
4	12835.40	42.16	39.84	10.37	-39.89	52.48	68.20	15.72	PK	Horizontal
5	15684.60	37.88	38.52	14.48	-39.17	51.71	74.00	22.29	PK	Horizontal
6	17959.20	38.22	42.20	12.81	-42.31	50.92	74.00	23.08	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5260MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

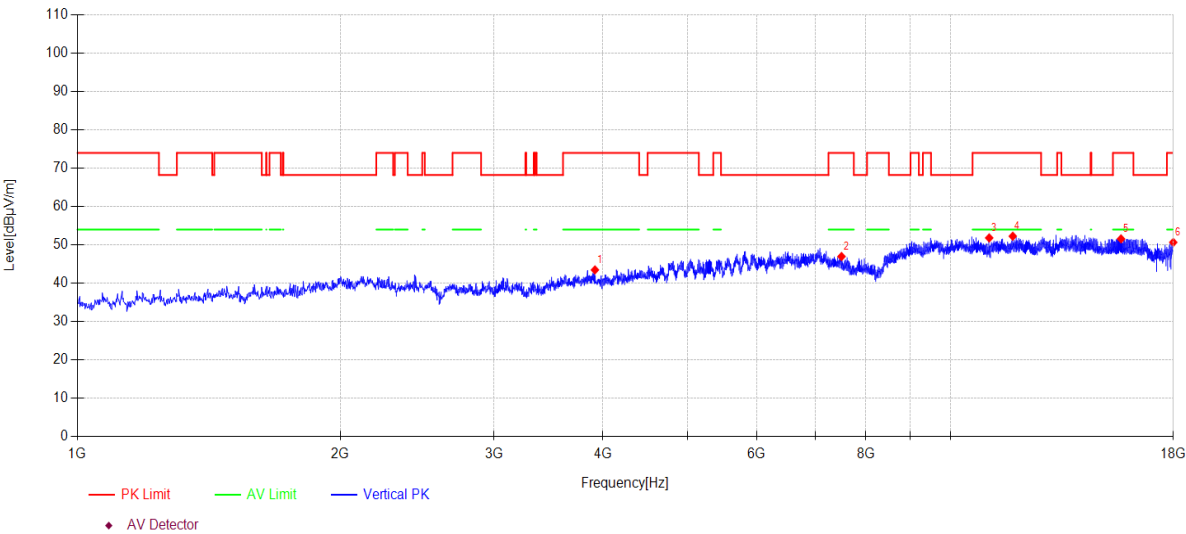
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3915.50	46.70	31.17	6.02	-40.40	43.49	74.00	30.51	PK	Vertical
2	7502.50	43.56	36.50	8.88	-41.96	46.98	74.00	27.02	PK	Vertical
3	11075.90	42.07	39.30	9.58	-39.13	51.82	74.00	22.18	PK	Vertical
4	11786.50	42.67	38.91	10.15	-39.46	52.27	74.00	21.73	PK	Vertical
5	15681.20	37.76	38.52	14.46	-39.17	51.57	74.00	22.43	PK	Vertical
6	17996.60	37.83	42.38	12.85	-42.39	50.67	74.00	23.33	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:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5280MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

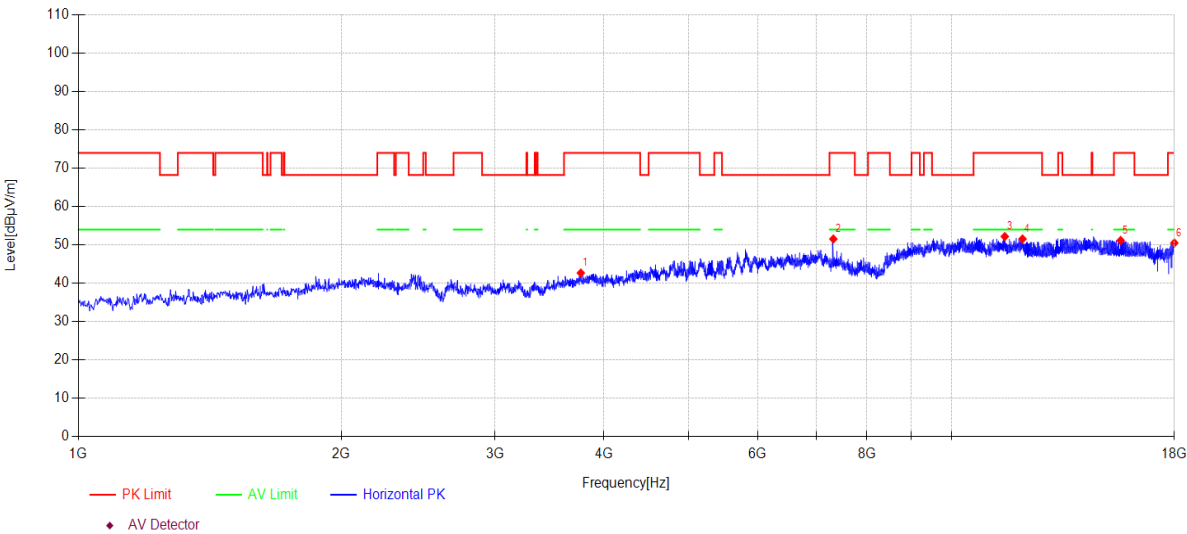
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3762.50	46.53	30.55	5.91	-40.31	42.68	74.00	31.32	PK	Horizontal
2	7324.00	47.29	36.85	8.91	-41.51	51.54	74.00	22.46	PK	Horizontal
3	11509.40	42.41	39.18	9.93	-39.33	52.19	74.00	21.81	PK	Horizontal
4	12060.20	41.55	39.26	10.32	-39.58	51.55	74.00	22.45	PK	Horizontal
5	15625.10	37.55	38.57	14.18	-39.14	51.16	74.00	22.84	PK	Horizontal
6	18000.00	37.67	42.40	12.85	-42.40	50.52	74.00	23.48	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:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5280MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

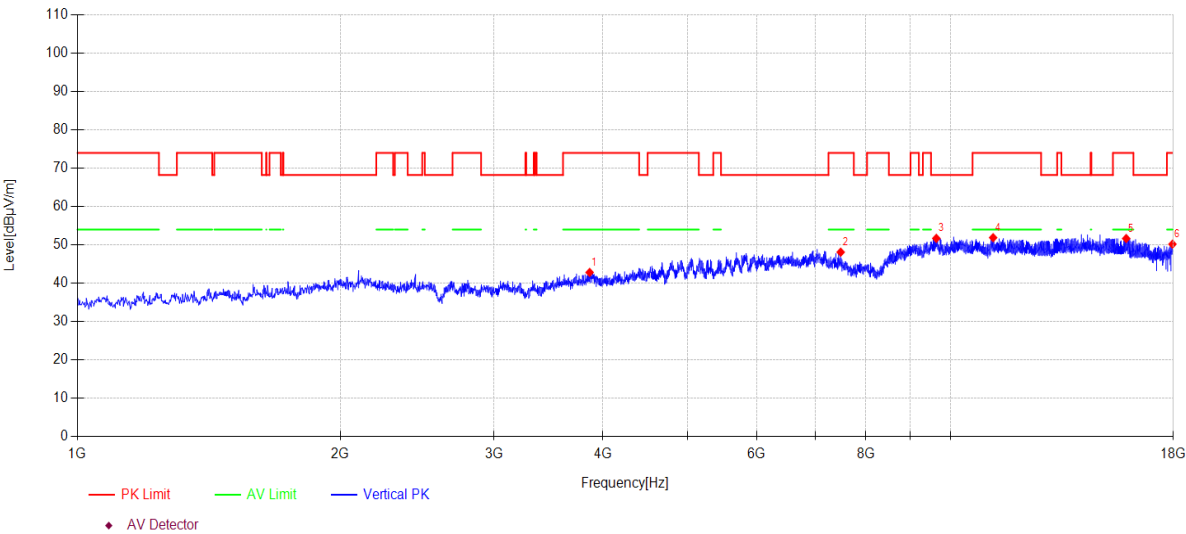
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3861.10	46.25	30.97	5.98	-40.37	42.83	74.00	31.17	PK	Vertical
2	7487.20	44.62	36.53	8.88	-41.92	48.11	74.00	25.89	PK	Vertical
3	9634.30	42.65	38.53	9.28	-38.75	51.71	68.20	16.49	PK	Vertical
4	11191.50	42.19	39.21	9.67	-39.18	51.89	74.00	22.11	PK	Vertical
5	15895.40	37.32	38.11	15.54	-39.30	51.67	74.00	22.33	PK	Vertical
6	17957.50	37.50	42.19	12.81	-42.31	50.19	74.00	23.81	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:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5320MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

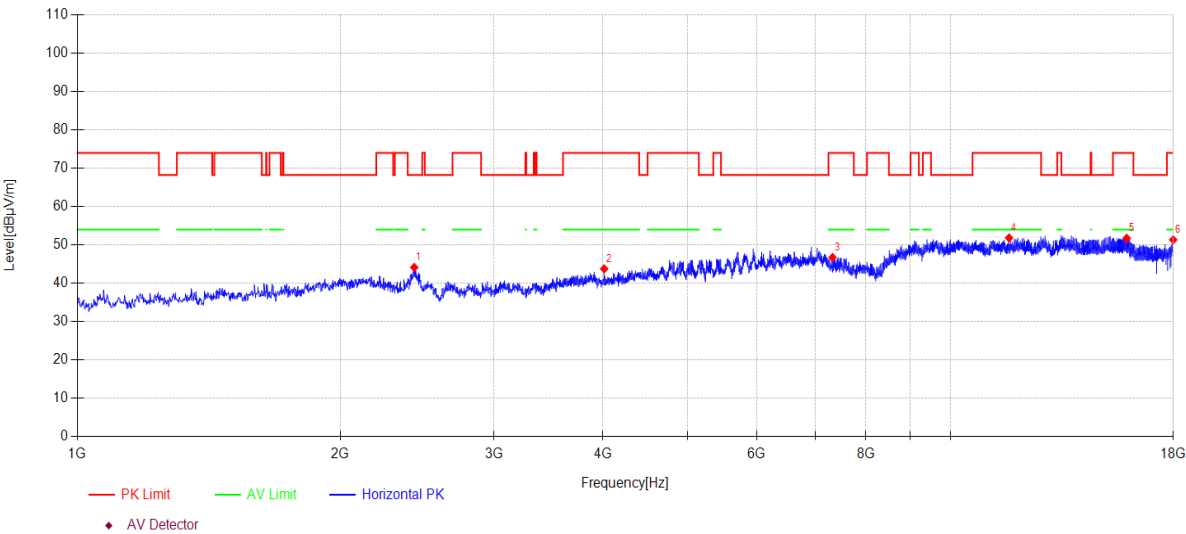
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\37

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2431.40	49.17	27.36	5.85	-38.23	44.15	68.20	24.05	PK	Horizontal
2	4012.40	47.20	30.92	6.10	-40.45	43.77	74.00	30.23	PK	Horizontal
3	7327.40	42.47	36.85	8.91	-41.52	46.71	74.00	27.29	PK	Horizontal
4	11670.90	42.17	39.00	10.06	-39.41	51.82	74.00	22.18	PK	Horizontal
5	15917.50	37.30	38.08	15.65	-39.31	51.72	74.00	22.28	PK	Horizontal
6	17993.20	38.50	42.37	12.84	-42.38	51.33	74.00	22.67	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:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5320MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

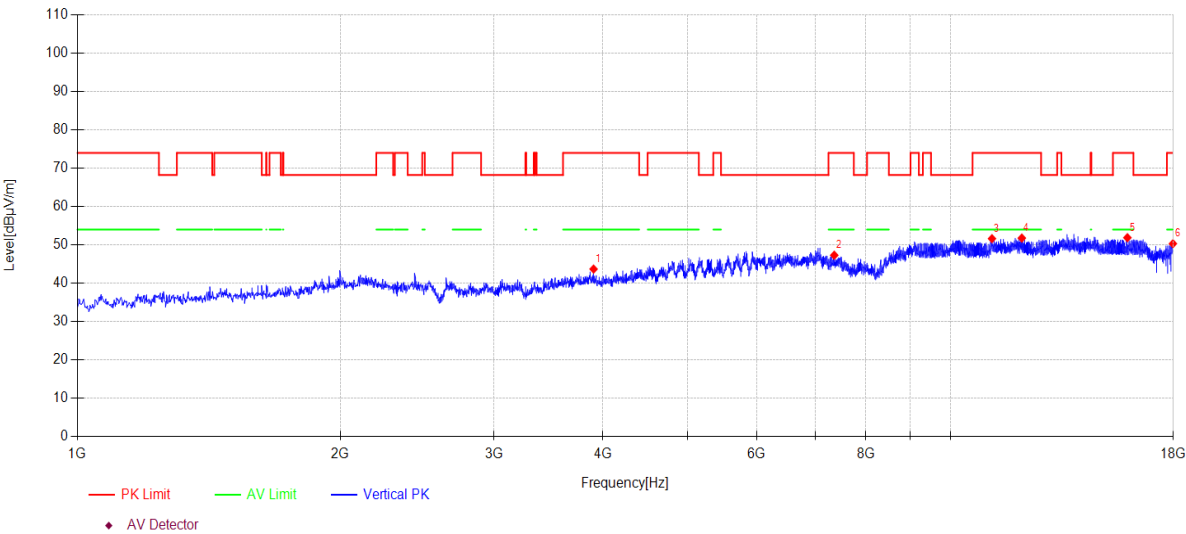
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\38

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3901.90	46.88	31.20	6.01	-40.39	43.70	74.00	30.30	PK	Vertical
2	7359.70	43.23	36.78	8.90	-41.60	47.31	74.00	26.69	PK	Vertical
3	11157.50	41.91	39.24	9.65	-39.16	51.64	74.00	22.36	PK	Vertical
4	12070.40	41.79	39.27	10.32	-39.59	51.79	74.00	22.21	PK	Vertical
5	15946.40	37.37	38.05	15.80	-39.33	51.89	74.00	22.11	PK	Vertical
6	17979.60	37.54	42.30	12.83	-42.35	50.32	74.00	23.68	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:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5500MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

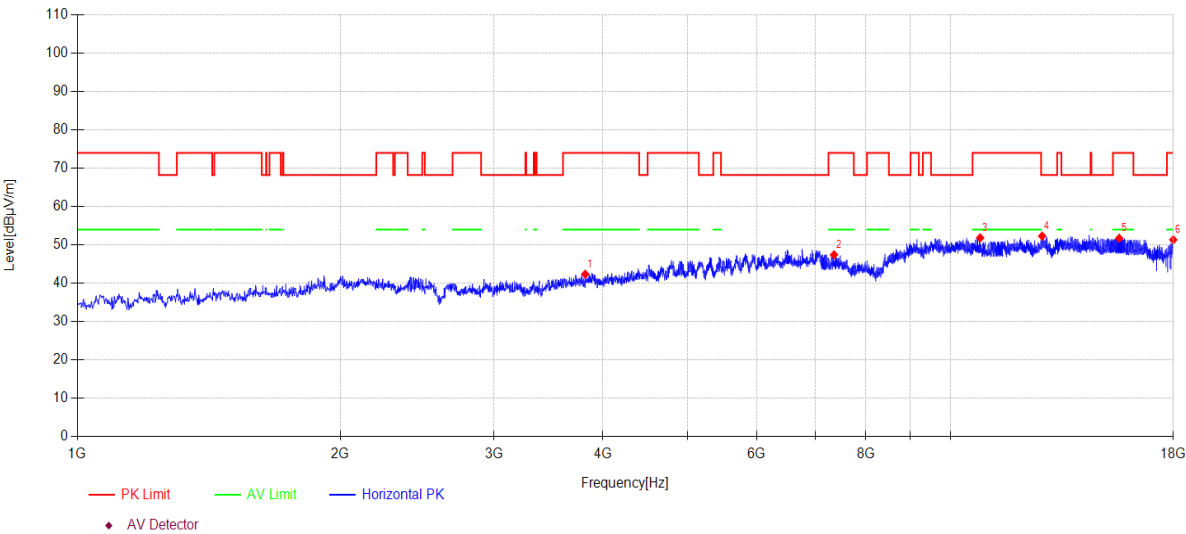
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\39

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3816.90	45.99	30.77	5.95	-40.34	42.37	74.00	31.63	PK	Horizontal
2	7356.30	43.34	36.79	8.90	-41.59	47.44	74.00	26.56	PK	Horizontal
3	10815.80	41.98	39.38	9.50	-39.02	51.84	74.00	22.16	PK	Horizontal
4	12735.10	42.12	39.67	10.36	-39.85	52.30	68.20	15.90	PK	Horizontal
5	15604.70	38.17	38.60	14.08	-39.12	51.73	74.00	22.27	PK	Horizontal
6	17996.60	38.50	42.38	12.85	-42.39	51.34	74.00	22.66	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:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5500MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

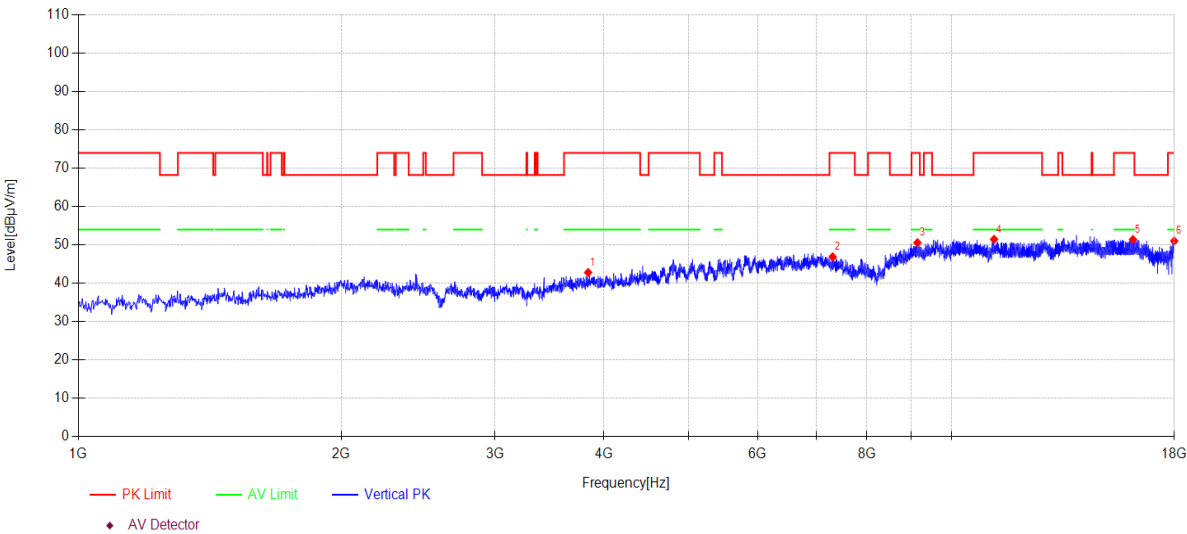
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\40

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3835.60	46.36	30.84	5.96	-40.35	42.81	74.00	31.19	PK	Vertical
2	7310.40	42.56	36.88	8.91	-41.48	46.87	74.00	27.13	PK	Vertical
3	9141.30	41.77	38.50	9.09	-38.78	50.58	74.00	23.42	PK	Vertical
4	11189.80	41.76	39.21	9.67	-39.18	51.46	74.00	22.54	PK	Vertical
5	16140.20	37.55	37.86	15.48	-39.47	51.42	74.00	22.58	PK	Vertical
6	17996.60	38.18	42.38	12.85	-42.39	51.02	74.00	22.98	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5580MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

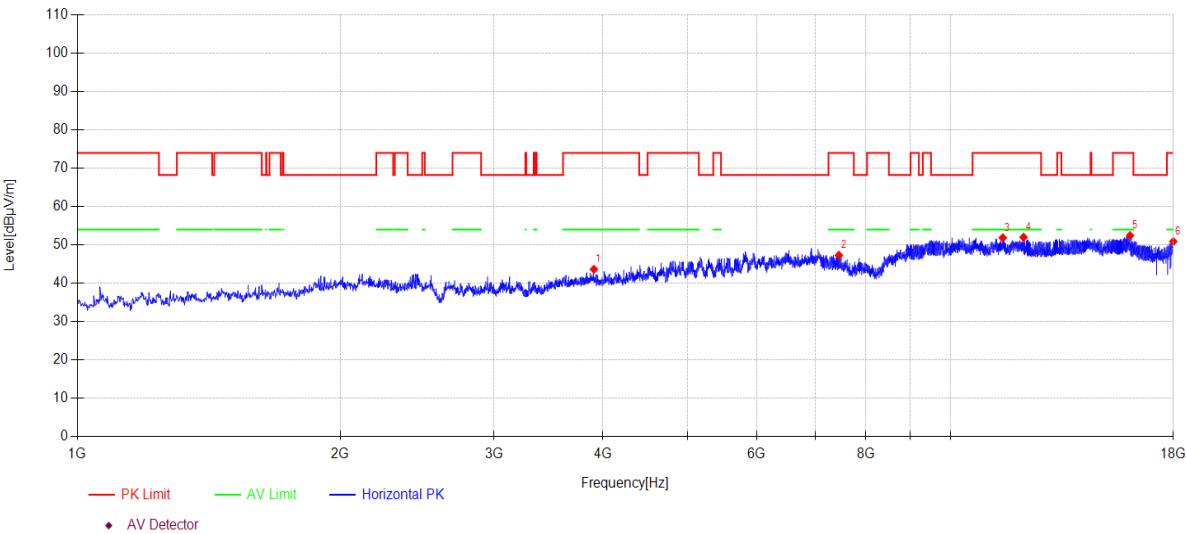
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3905.30	46.83	31.19	6.01	-40.39	43.64	74.00	30.36	PK	Horizontal
2	7451.50	43.65	36.60	8.89	-41.83	47.31	74.00	26.69	PK	Horizontal
3	11478.80	42.06	39.22	9.90	-39.32	51.86	74.00	22.14	PK	Horizontal
4	12126.50	41.97	39.30	10.33	-39.61	51.99	74.00	22.01	PK	Horizontal
5	16056.90	38.08	37.94	15.83	-39.41	52.44	74.00	21.56	PK	Horizontal
6	17996.60	38.05	42.38	12.85	-42.39	50.89	74.00	23.11	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:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5580MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

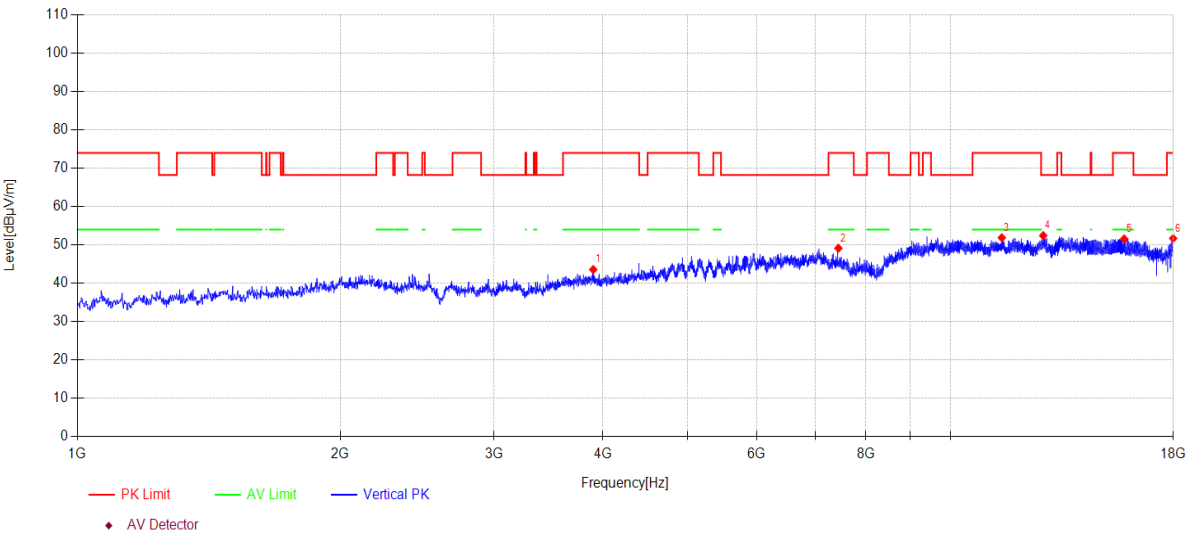
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\42

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3898.50	46.77	31.19	6.01	-40.39	43.58	74.00	30.42	PK	Vertical
2	7441.30	45.43	36.62	8.89	-41.80	49.14	74.00	24.86	PK	Vertical
3	11449.90	42.04	39.25	9.88	-39.30	51.87	74.00	22.13	PK	Vertical
4	12772.50	42.16	39.75	10.37	-39.86	52.42	68.20	15.78	PK	Vertical
5	15810.40	37.43	38.28	15.11	-39.25	51.57	74.00	22.43	PK	Vertical
6	17991.50	38.87	42.36	12.84	-42.38	51.69	74.00	22.31	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:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5700MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

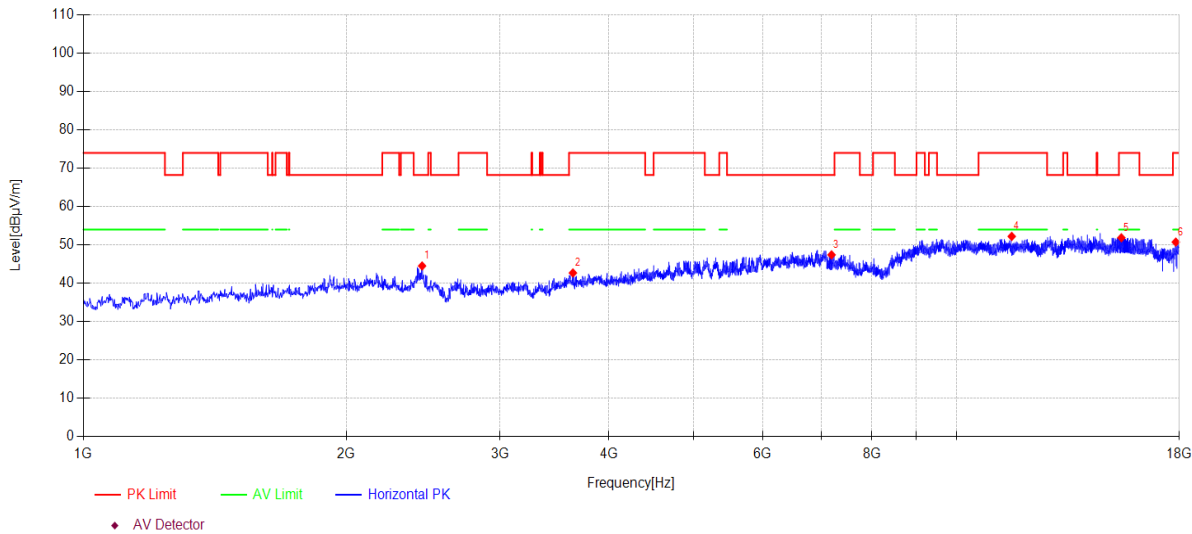
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\43

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2443.30	49.56	27.39	5.84	-38.26	44.53	68.20	23.67	PK	Horizontal
2	3636.70	46.96	30.15	5.81	-40.23	42.69	74.00	31.31	PK	Horizontal
3	7193.10	42.88	36.79	8.93	-41.18	47.42	68.20	20.78	PK	Horizontal
4	11568.90	42.54	39.06	9.98	-39.36	52.22	74.00	21.78	PK	Horizontal
5	15448.30	38.70	38.90	13.29	-39.03	51.86	74.00	22.14	PK	Horizontal
6	17833.40	38.91	41.17	12.69	-42.03	50.74	74.00	23.26	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:

2024-03-05

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5700MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

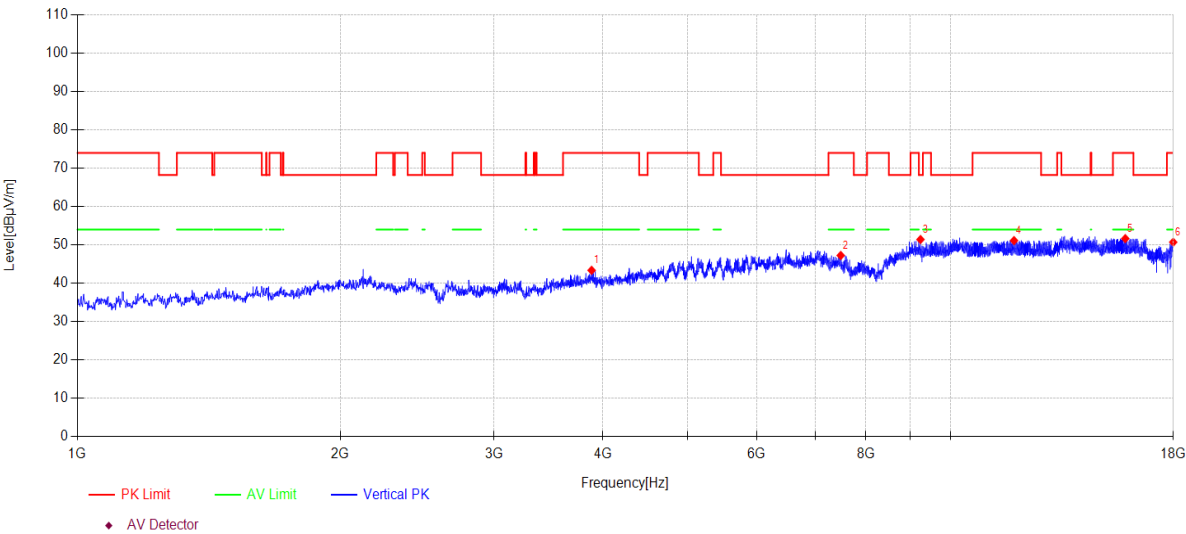
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\44

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3881.50	46.68	31.09	5.99	-40.38	43.38	74.00	30.62	PK	Vertical
2	7487.20	43.76	36.53	8.88	-41.92	47.25	74.00	26.75	PK	Vertical
3	9239.90	42.45	38.60	9.13	-38.77	51.41	68.20	16.79	PK	Vertical
4	11825.60	41.53	38.90	10.18	-39.48	51.13	74.00	22.87	PK	Vertical
5	15856.30	37.37	38.19	15.35	-39.27	51.64	74.00	22.36	PK	Vertical
6	17994.90	37.89	42.37	12.85	-42.39	50.72	74.00	23.28	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5720MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

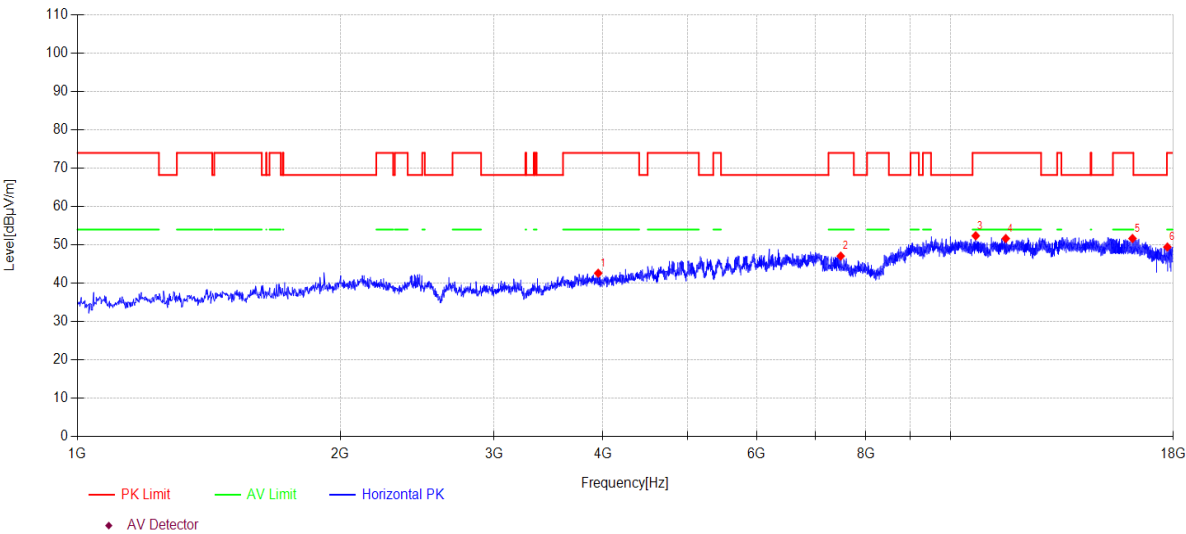
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\45

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3949.50	45.90	31.10	6.04	-40.42	42.62	74.00	31.38	PK	Horizontal
2	7487.20	43.60	36.53	8.88	-41.92	47.09	74.00	26.91	PK	Horizontal
3	10688.30	42.48	39.38	9.49	-38.97	52.38	74.00	21.62	PK	Horizontal
4	11570.60	41.98	39.06	9.98	-39.36	51.66	74.00	22.34	PK	Horizontal
5	16162.30	37.92	37.84	15.39	-39.49	51.66	74.00	22.34	PK	Horizontal
6	17717.80	38.18	40.47	12.57	-41.77	49.45	74.00	24.55	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5720MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

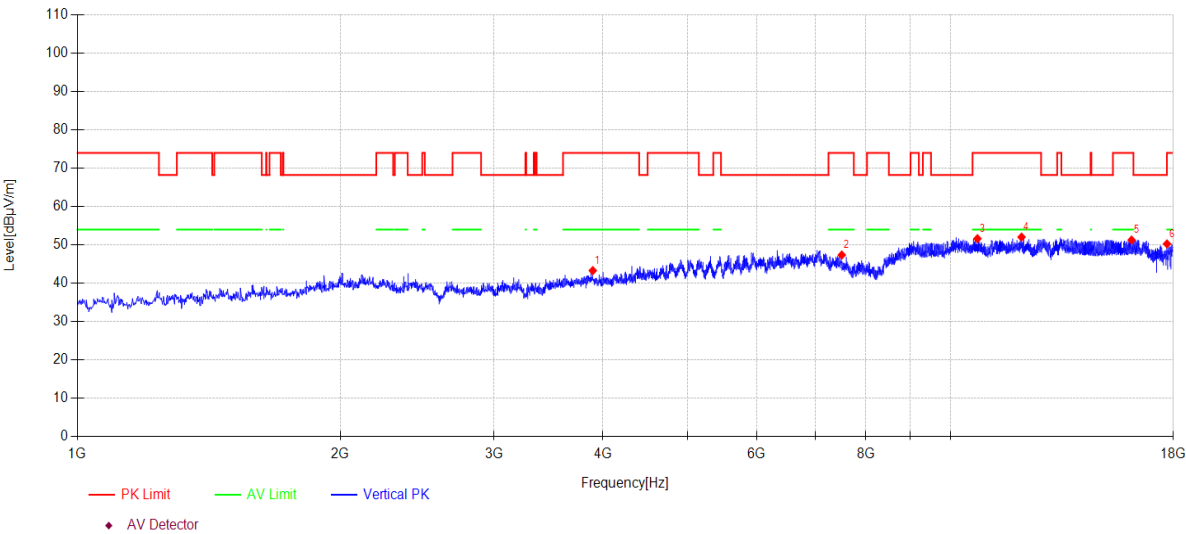
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\46

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3893.40	46.52	31.16	6.00	-40.38	43.30	74.00	30.70	PK	Vertical
2	7507.60	43.98	36.48	8.88	-41.97	47.37	74.00	26.63	PK	Vertical
3	10737.60	41.72	39.40	9.49	-38.99	51.62	74.00	22.38	PK	Vertical
4	12061.90	42.04	39.26	10.32	-39.58	52.04	74.00	21.96	PK	Vertical
5	16123.20	37.30	37.88	15.55	-39.46	51.27	74.00	22.73	PK	Vertical
6	17700.80	39.04	40.40	12.56	-41.73	50.27	74.00	23.73	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5745MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

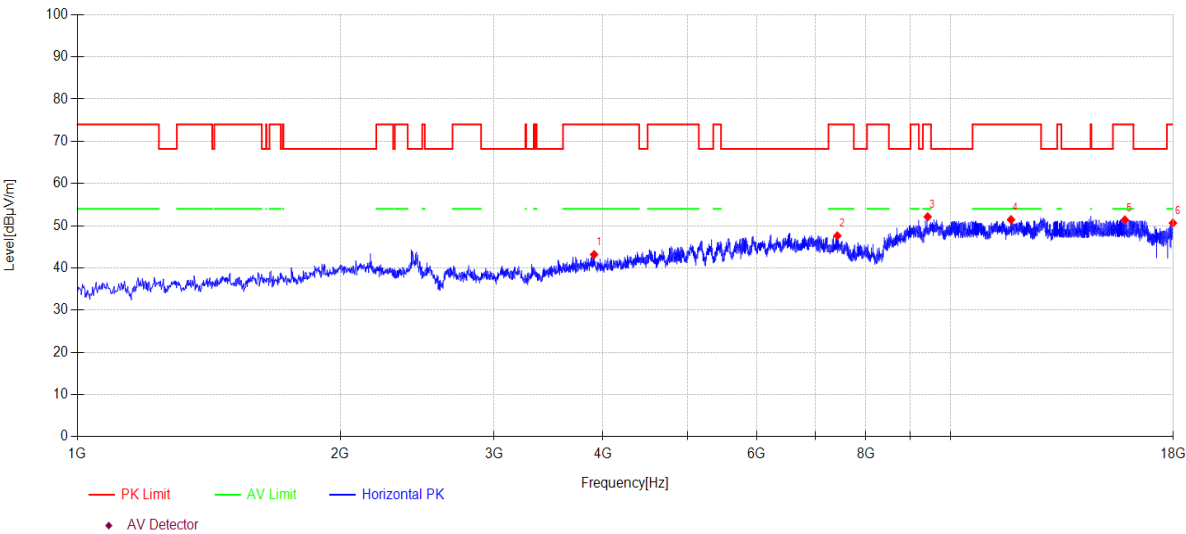
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3907.00	46.37	31.19	6.01	-40.39	43.18	74.00	30.82	PK	Horizontal
2	7420.90	43.81	36.66	8.89	-41.75	47.61	74.00	26.39	PK	Horizontal
3	9416.70	42.98	38.70	9.20	-38.76	52.12	74.00	21.88	PK	Horizontal
4	11732.10	41.78	38.97	10.11	-39.43	51.43	74.00	22.57	PK	Horizontal
5	15839.30	37.15	38.22	15.26	-39.26	51.37	74.00	22.63	PK	Horizontal
6	17977.90	37.87	42.29	12.83	-42.35	50.64	74.00	23.36	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5745MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

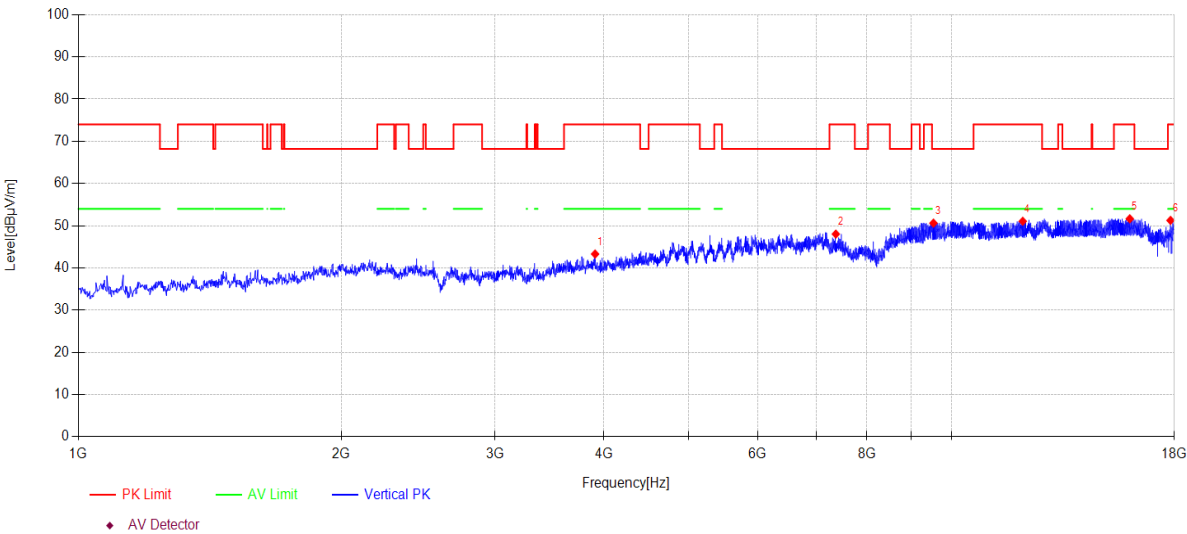
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI8

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3907.00	46.48	31.19	6.01	-40.39	43.29	74.00	30.71	PK	Vertical
2	7371.60	44.00	36.76	8.90	-41.63	48.03	74.00	25.97	PK	Vertical
3	9535.70	41.50	38.63	9.24	-38.75	50.62	68.20	17.58	PK	Vertical
4	12068.70	41.06	39.27	10.32	-39.59	51.06	74.00	22.94	PK	Vertical
5	16005.90	36.96	37.99	16.05	-39.36	51.64	74.00	22.36	PK	Vertical
6	17819.80	39.58	41.02	12.67	-42.00	51.27	74.00	22.73	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5785MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

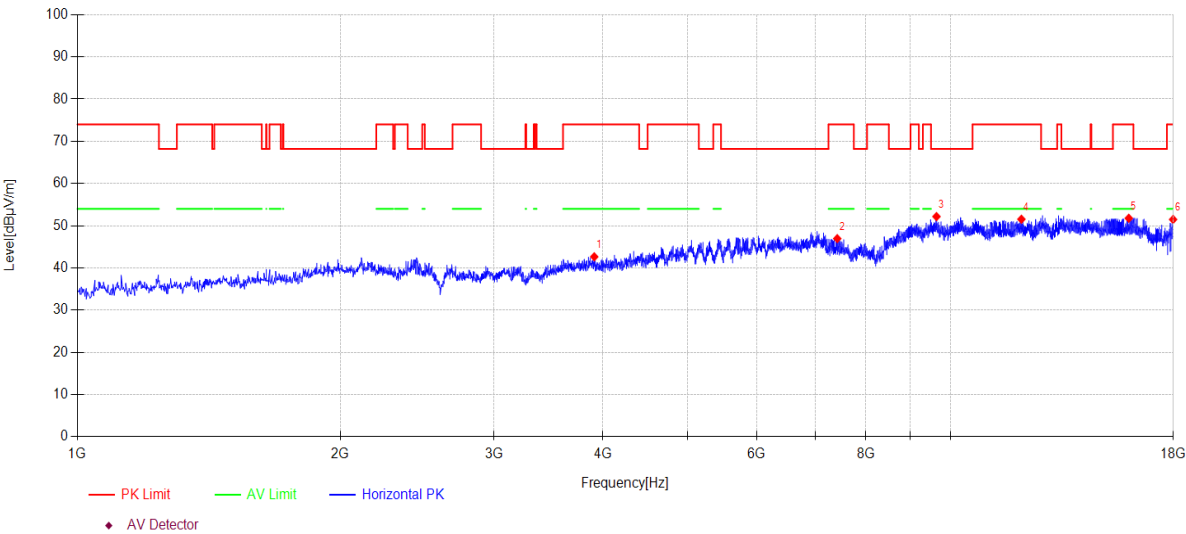
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI9

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3908.70	45.85	31.18	6.01	-40.39	42.65	74.00	31.35	PK	Horizontal
2	7419.20	43.15	36.66	8.89	-41.75	46.95	74.00	27.05	PK	Horizontal
3	9637.70	43.12	38.52	9.28	-38.75	52.17	68.20	16.03	PK	Horizontal
4	12056.80	41.54	39.26	10.32	-39.58	51.54	74.00	22.46	PK	Horizontal
5	16004.20	37.08	38.00	16.05	-39.36	51.77	74.00	22.23	PK	Horizontal
6	17988.10	38.67	42.34	12.84	-42.37	51.48	74.00	22.52	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5785MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

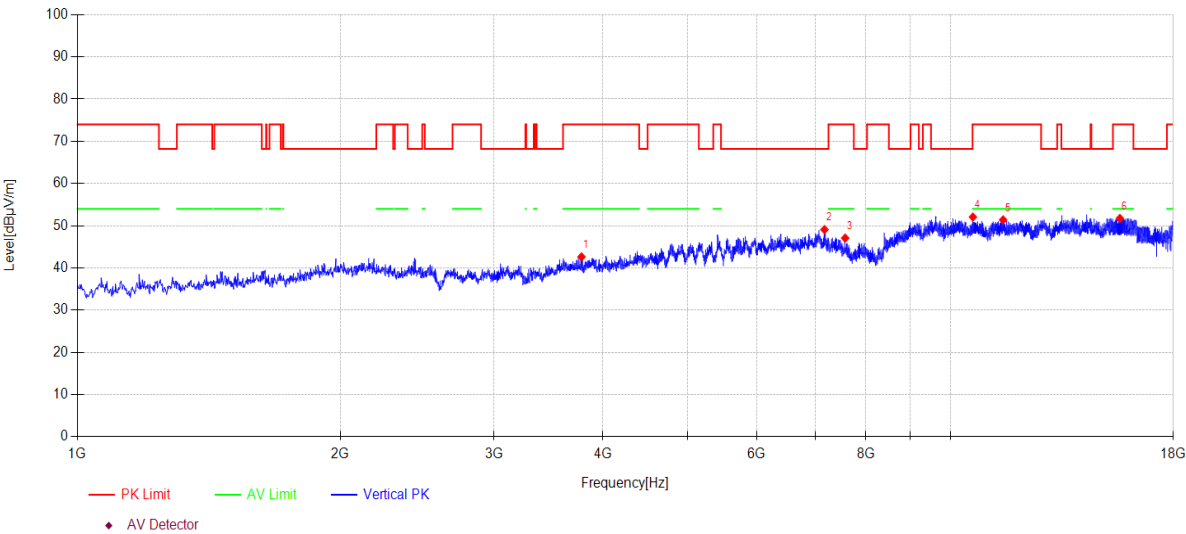
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI10

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3779.50	46.41	30.62	5.92	-40.32	42.63	74.00	31.37	PK	Vertical
2	7172.70	44.53	36.75	8.93	-41.13	49.08	68.20	19.12	PK	Vertical
3	7575.60	43.90	36.45	8.87	-42.14	47.08	74.00	26.92	PK	Vertical
4	10610.10	42.31	39.22	9.48	-38.95	52.06	74.00	21.94	PK	Vertical
5	11490.70	41.59	39.21	9.91	-39.32	51.39	74.00	22.61	PK	Vertical
6	15631.90	38.09	38.57	14.21	-39.14	51.73	74.00	22.27	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5825MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

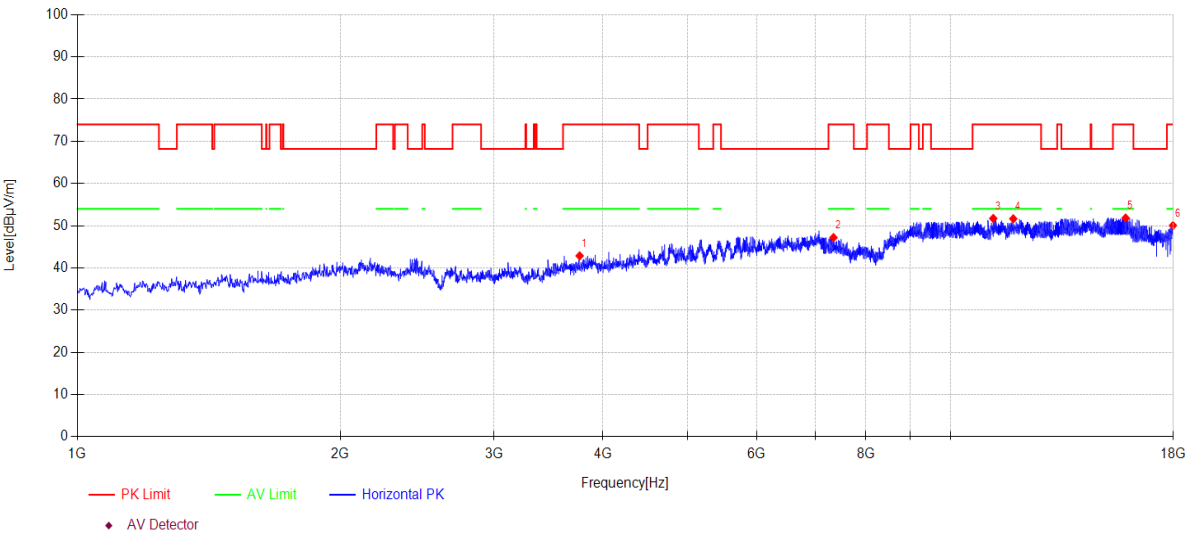
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\11

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3760.80	46.71	30.54	5.91	-40.30	42.86	74.00	31.14	PK	Horizontal
2	7346.10	43.06	36.81	8.90	-41.57	47.20	74.00	26.80	PK	Horizontal
3	11194.90	42.01	39.21	9.68	-39.18	51.72	74.00	22.28	PK	Horizontal
4	11801.80	42.06	38.90	10.16	-39.47	51.65	74.00	22.35	PK	Horizontal
5	15869.90	37.53	38.16	15.41	-39.28	51.82	74.00	22.18	PK	Horizontal
6	17981.30	37.28	42.31	12.83	-42.36	50.06	74.00	23.94	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5825MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

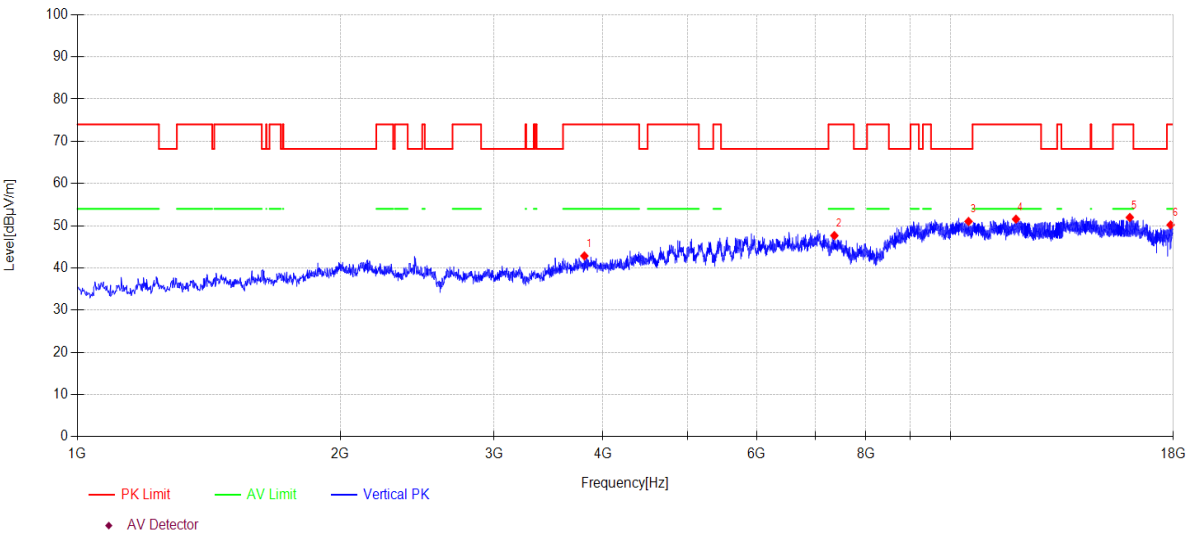
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\12

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3808.40	46.51	30.73	5.94	-40.33	42.85	74.00	31.15	PK	Vertical
2	7363.10	43.60	36.77	8.90	-41.61	47.66	74.00	26.34	PK	Vertical
3	10489.40	41.36	39.08	9.47	-38.90	51.01	68.20	17.19	PK	Vertical
4	11886.80	41.94	38.90	10.23	-39.51	51.56	74.00	22.44	PK	Vertical
5	16046.70	37.54	37.95	15.87	-39.40	51.96	74.00	22.04	PK	Vertical
6	17870.80	38.01	41.58	12.72	-42.11	50.20	74.00	23.80	PK	Vertical

Note:

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

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

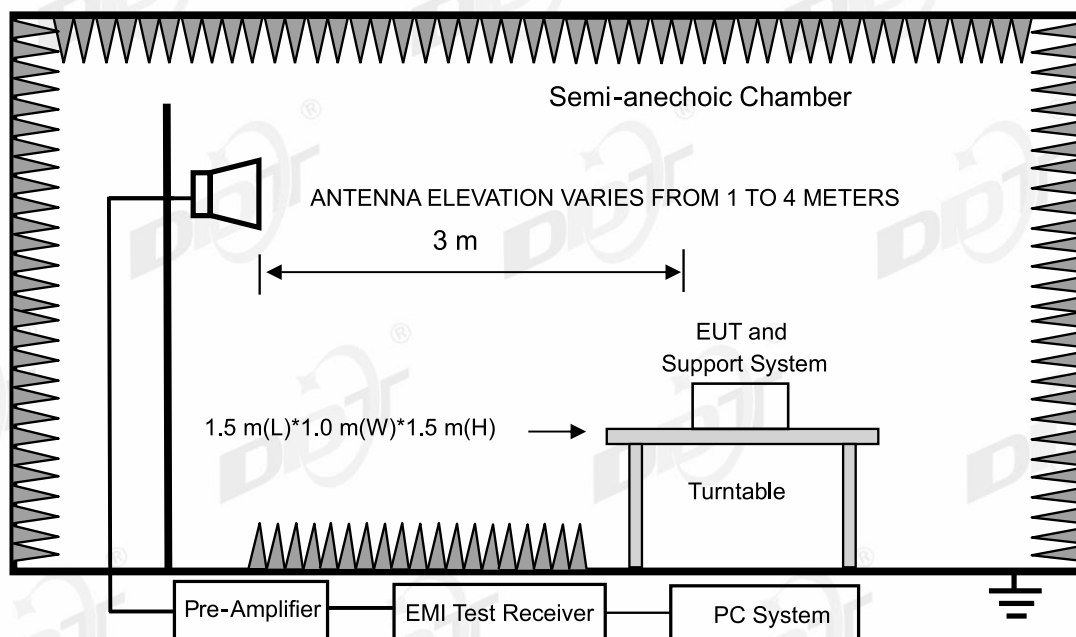
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14.Band Edge Compliance

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2024/04/27
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2024/07/14
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2024/04/21
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2024/07/11
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2024/04/26
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2024/05/14
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2024/04/21
Hochgewinn-Hornantenne	Schwarzbeck Mess-Elektronik	BBHA 9120 D	DDT-ZC02129	2024/09/17
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2024/04/20
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2024/04/23
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
High Pass filter	XIANXINGBO	XBLBQ-GTA67	DDT-ZC02179	2024/05/14
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2024/04/23
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2024/04/23
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2024/04/23
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2024/05/14
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2024/09/10

14.2. Block diagram of test setup



14.3. Limits

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating solely in the 5.725-5.850 GHz band:
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

14.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
Adapter	SOLUM VINA COMPANY LIMITED	EP-TA200	Input:100-240V 50-60Hz, 0.5A Output:9V/1.67A or 5V/2A	R37N4ER2G01 SE3
USB cable	N/A	N/A	N/A	N/A

14.5. Test procedure

Same with Emissions in Restricted Frequency Bands except change investigated frequency range from 5.15-5.25 GHz, 5250-5350 GHz, 5470-5725 GHz, 5.725-5.85 GHz.

Remark: All restriction band have been tested, and only the worst case is shown in report.

14.6. Test result

PASS. (See below detailed test result)

14.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11A TX 5180MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

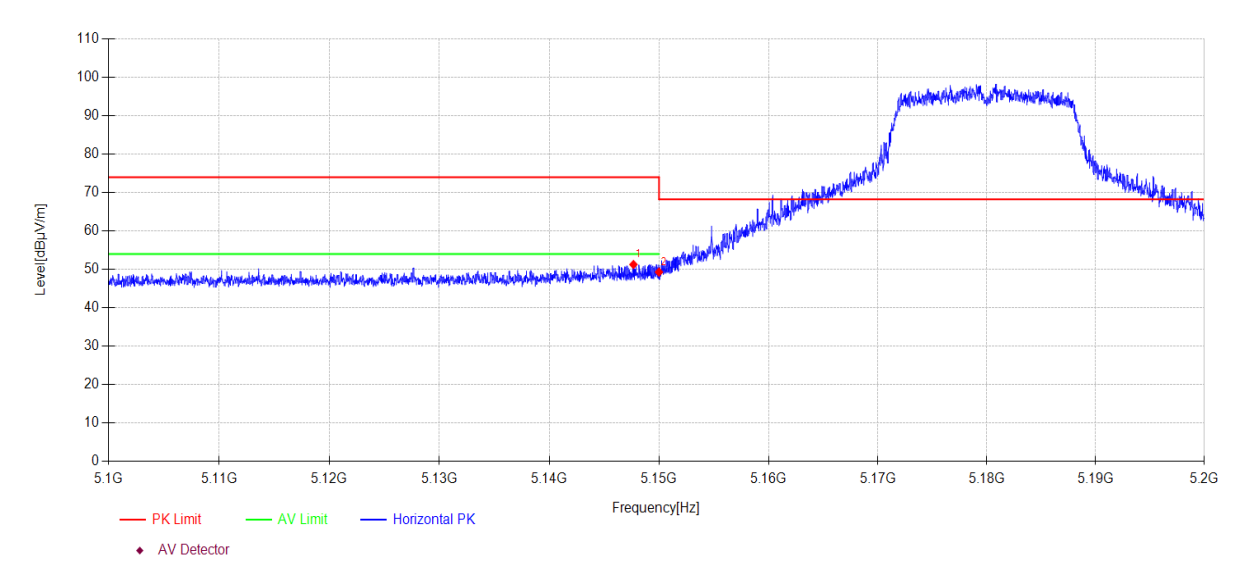
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\49

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.67	12.29	33.40	5.58	0.00	51.27	74.00	22.73	PK	Horizontal
2	5150.00	10.31	33.40	5.59	0.00	49.30	68.20	18.90	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11A TX 5180MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

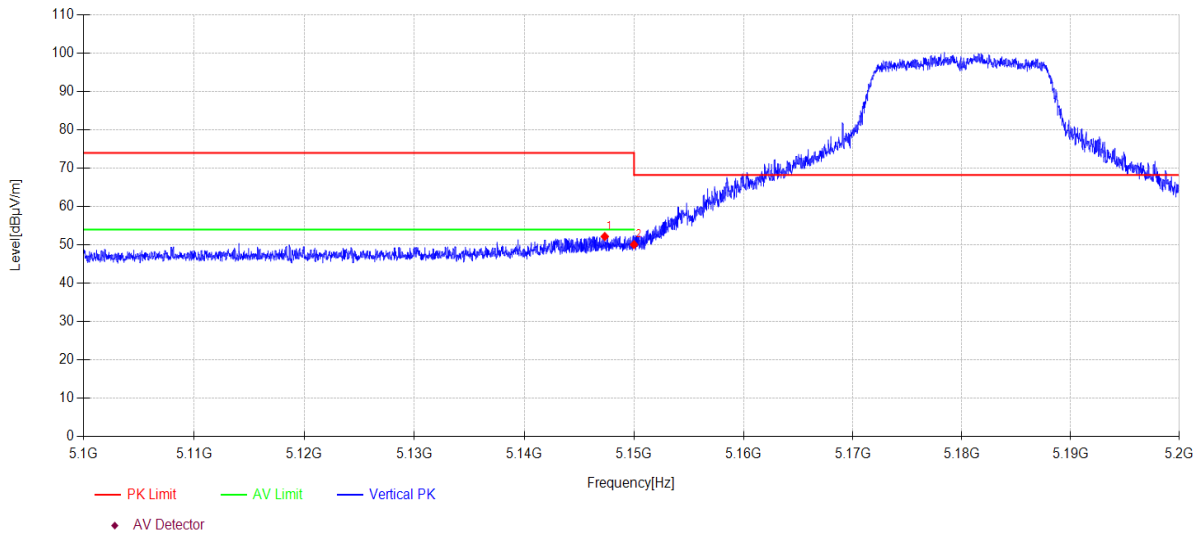
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\50

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.33	13.21	33.40	5.58	0.00	52.19	74.00	21.81	PK	Vertical
2	5150.00	11.08	33.40	5.59	0.00	50.07	68.20	18.13	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5180MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

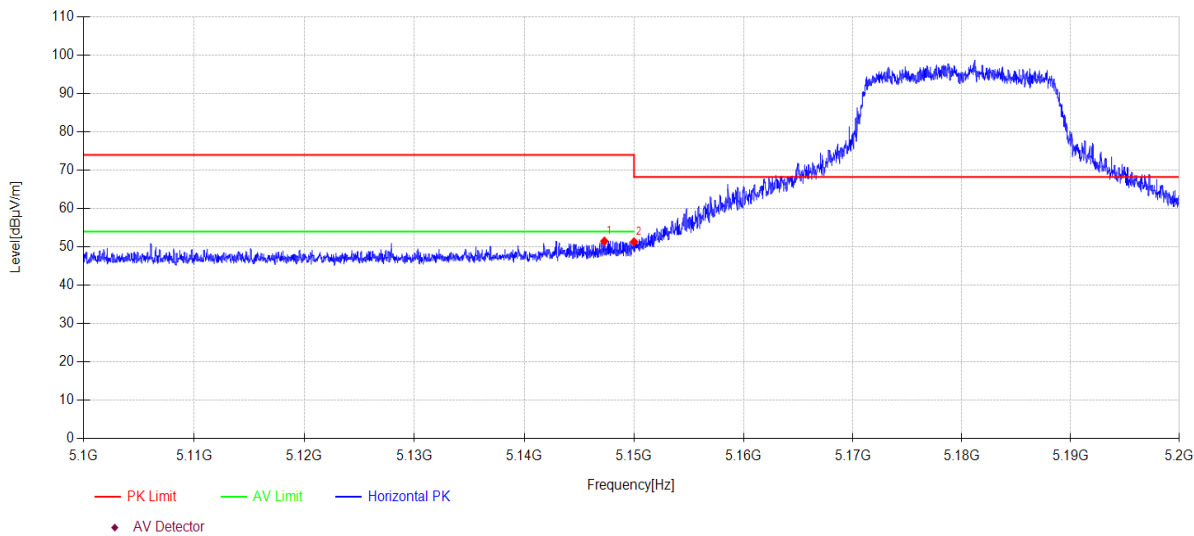
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\51

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.30	12.53	33.40	5.58	0.00	51.51	74.00	22.49	PK	Horizontal
2	5150.00	12.34	33.40	5.59	0.00	51.33	68.20	16.87	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5180MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

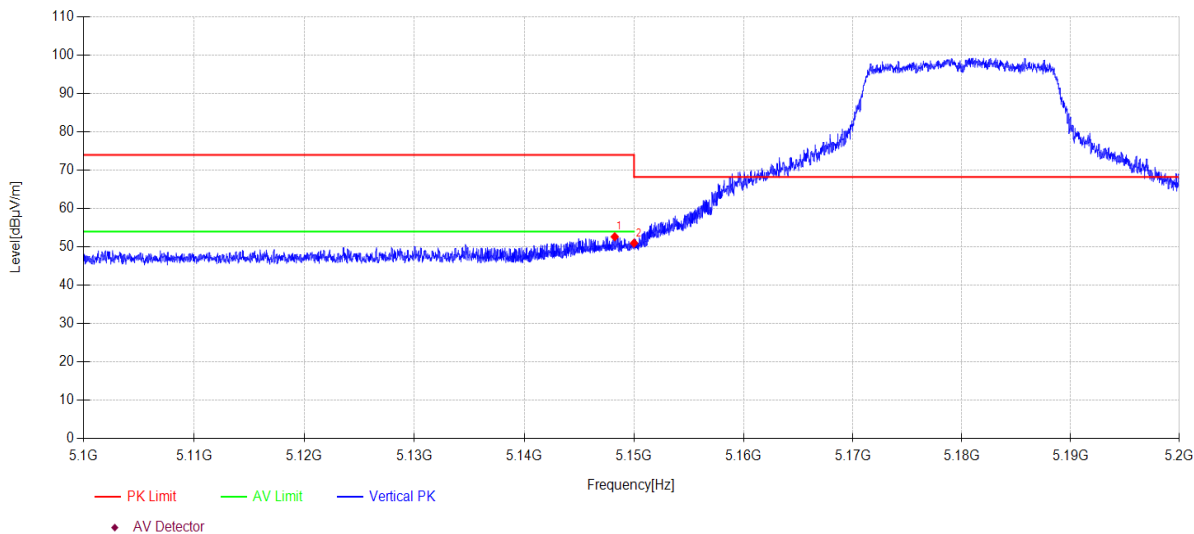
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.24	13.68	33.40	5.58	0.00	52.66	74.00	21.34	PK	Vertical
2	5150.00	11.99	33.40	5.59	0.00	50.98	68.20	17.22	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC20 TX 5180MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

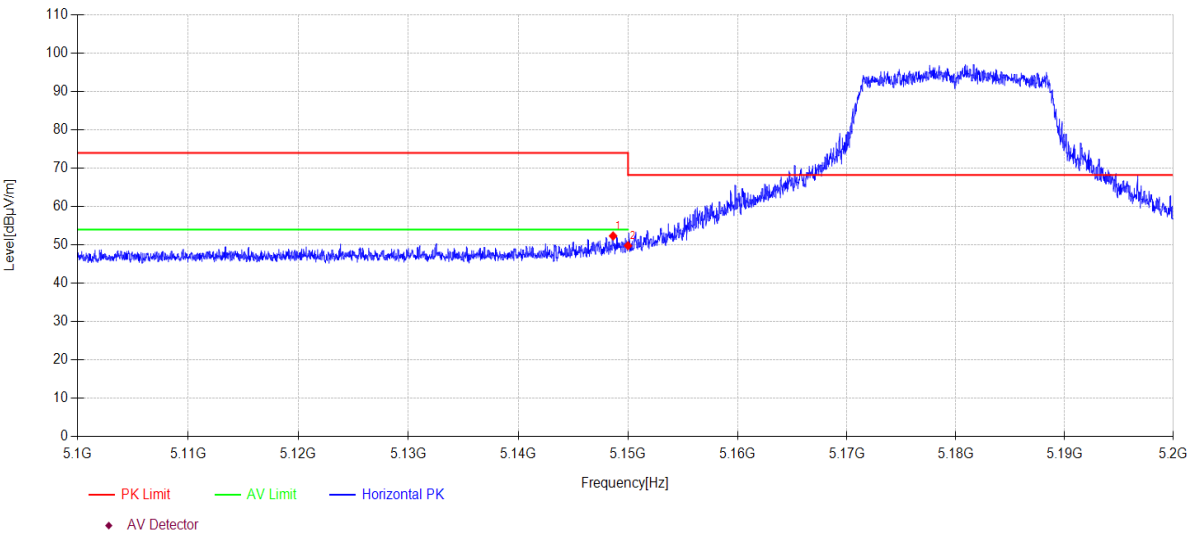
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.64	13.35	33.40	5.58	0.00	52.33	74.00	21.67	PK	Horizontal
2	5150.00	10.81	33.40	5.59	0.00	49.80	68.20	18.40	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC20 TX 5180MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

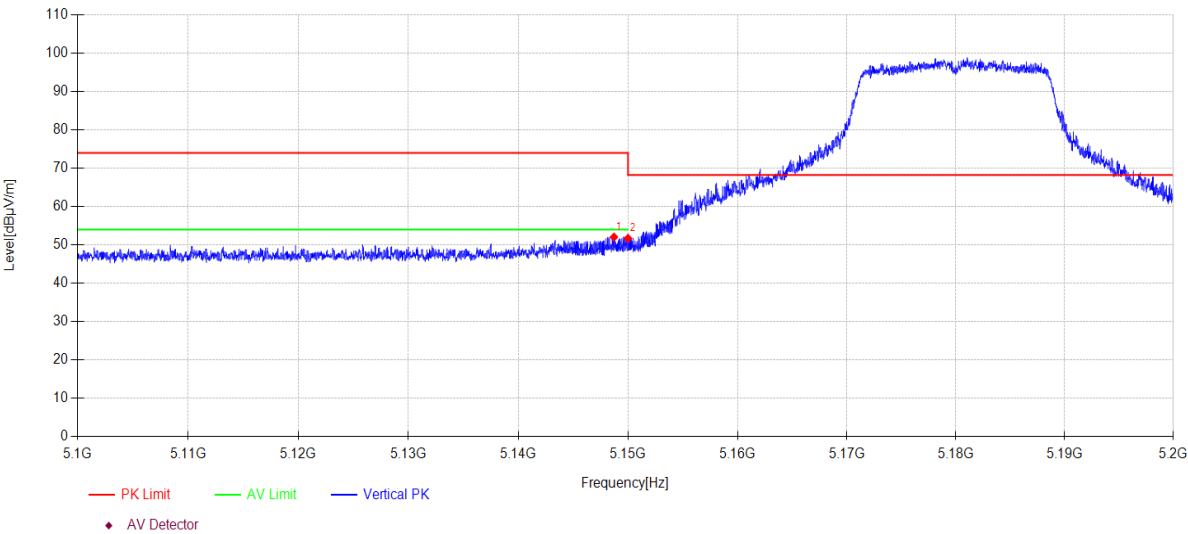
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.72	13.06	33.40	5.58	0.00	52.04	74.00	21.96	PK	Vertical
2	5150.00	12.72	33.40	5.59	0.00	51.71	68.20	16.49	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N40 TX 5190MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

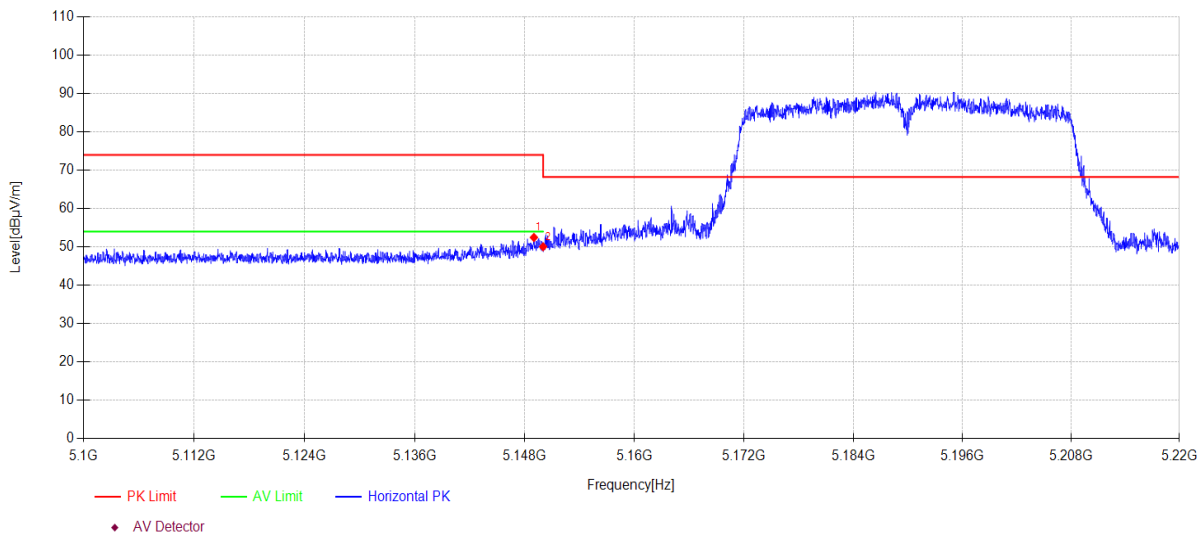
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Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5149.00	13.49	33.40	5.58	0.00	52.47	74.00	21.53	PK	Horizontal
2	5150.00	11.06	33.40	5.59	0.00	50.05	68.20	18.15	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N40 TX 5190MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

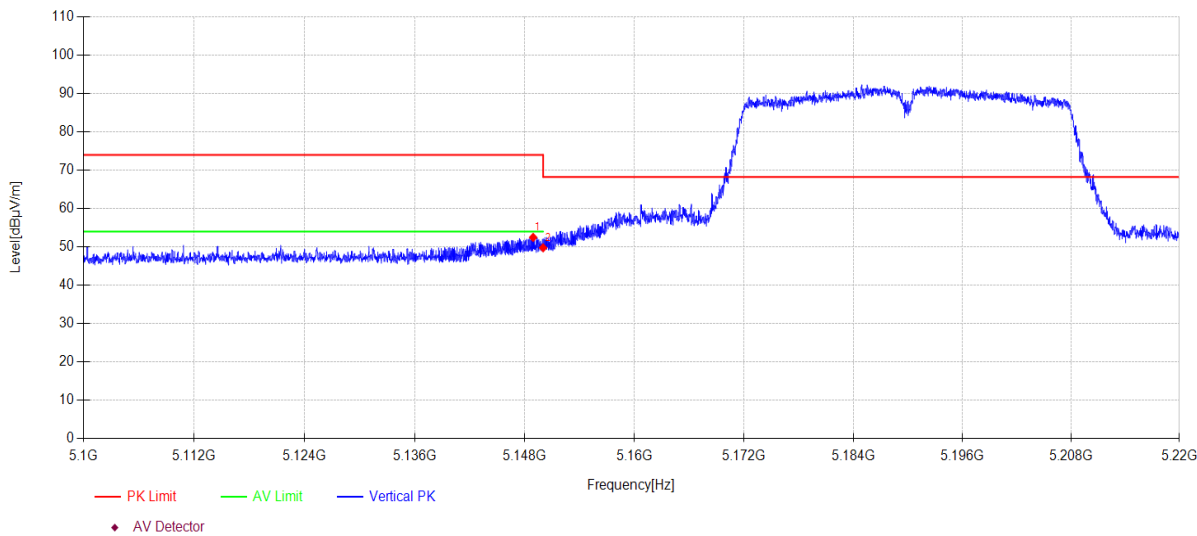
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Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.91	13.50	33.40	5.58	0.00	52.48	74.00	21.52	PK	Vertical
2	5150.00	10.78	33.40	5.59	0.00	49.77	68.20	18.43	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC40 TX 5190MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

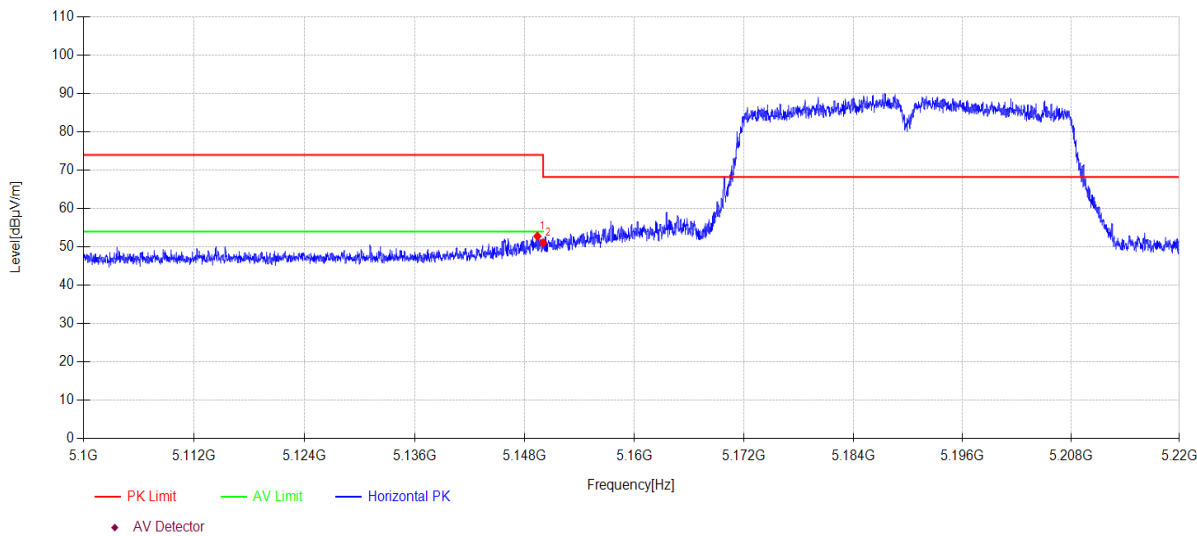
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Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5149.38	13.81	33.40	5.58	0.00	52.79	74.00	21.21	PK	Horizontal
2	5150.00	12.10	33.40	5.59	0.00	51.09	68.20	17.11	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC40 TX 5190MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

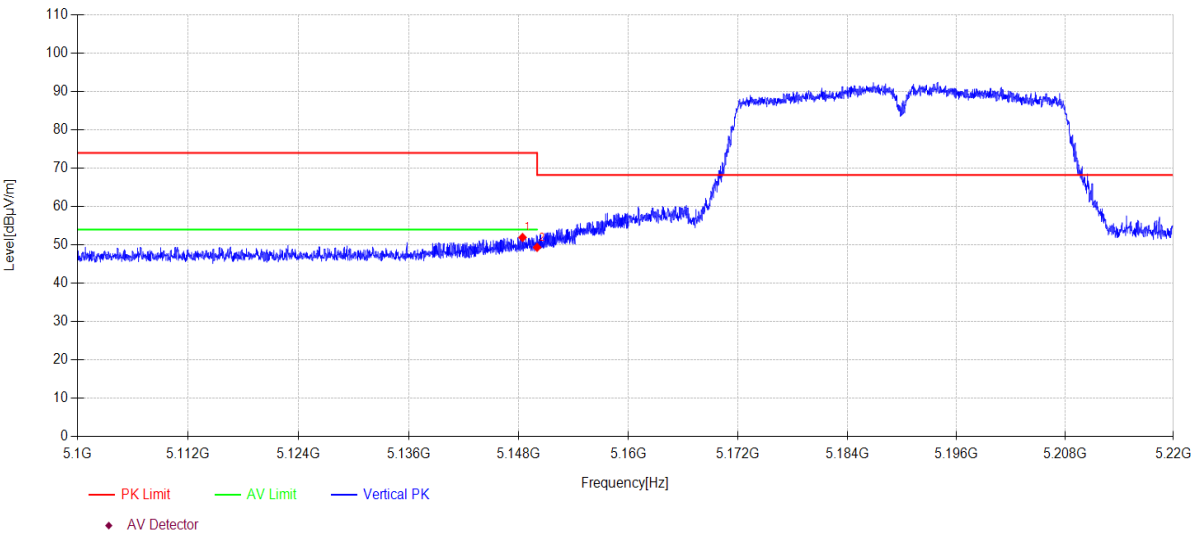
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\60

Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.41	12.96	33.40	5.58	0.00	51.94	74.00	22.06	PK	Vertical
2	5150.00	10.37	33.40	5.59	0.00	49.36	68.20	18.84	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC80 TX 5210MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

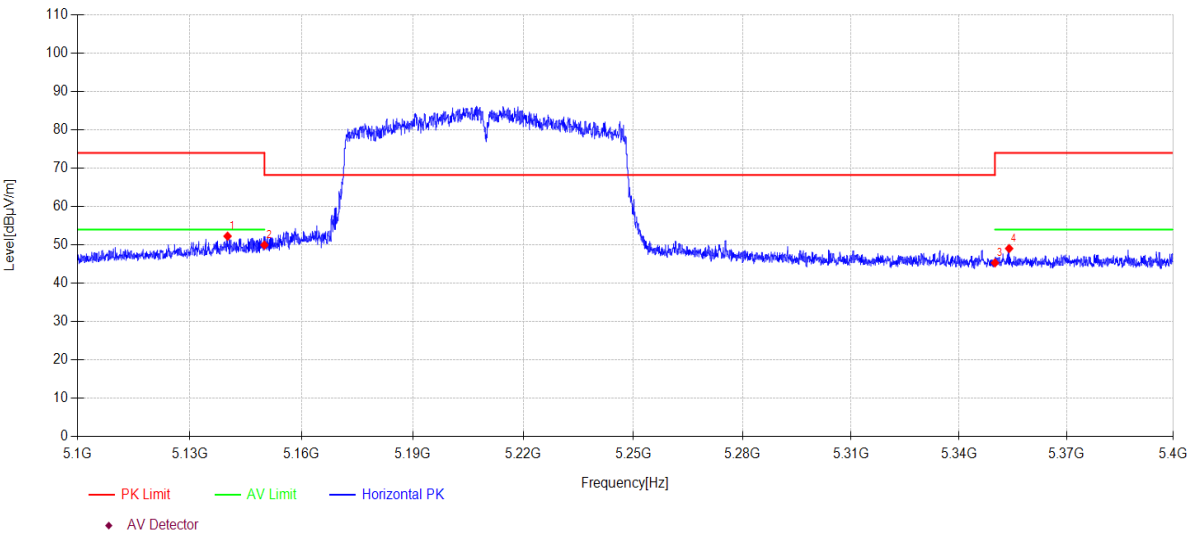
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\61

Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5140.11	13.30	33.40	5.58	0.00	52.28	74.00	21.72	PK	Horizontal
2	5150.00	10.99	33.40	5.59	0.00	49.98	68.20	18.22	PK	Horizontal
3	5350.00	6.53	33.10	5.69	0.00	45.32	74.00	28.68	PK	Horizontal
4	5353.95	10.27	33.10	5.69	0.00	49.06	74.00	24.94	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC80 TX 5210MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

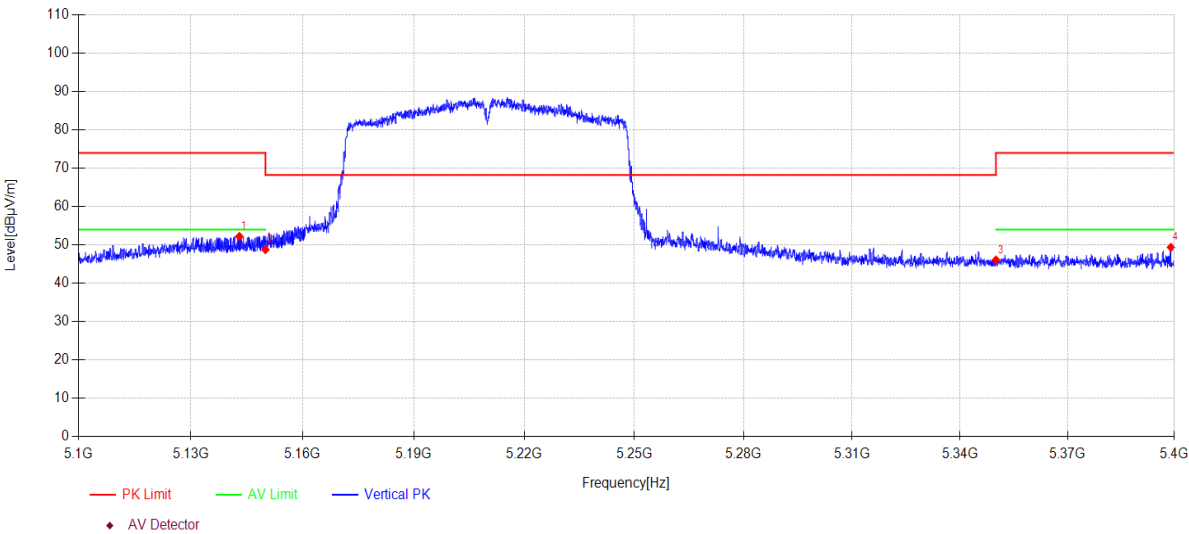
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\62

Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5143.02	13.23	33.40	5.58	0.00	52.21	74.00	21.79	PK	Vertical
2	5150.00	9.78	33.40	5.59	0.00	48.77	68.20	19.43	PK	Vertical
3	5350.00	7.28	33.10	5.69	0.00	46.07	74.00	27.93	PK	Vertical
4	5399.04	10.57	33.10	5.71	0.00	49.38	74.00	24.62	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC80 TX 5290MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

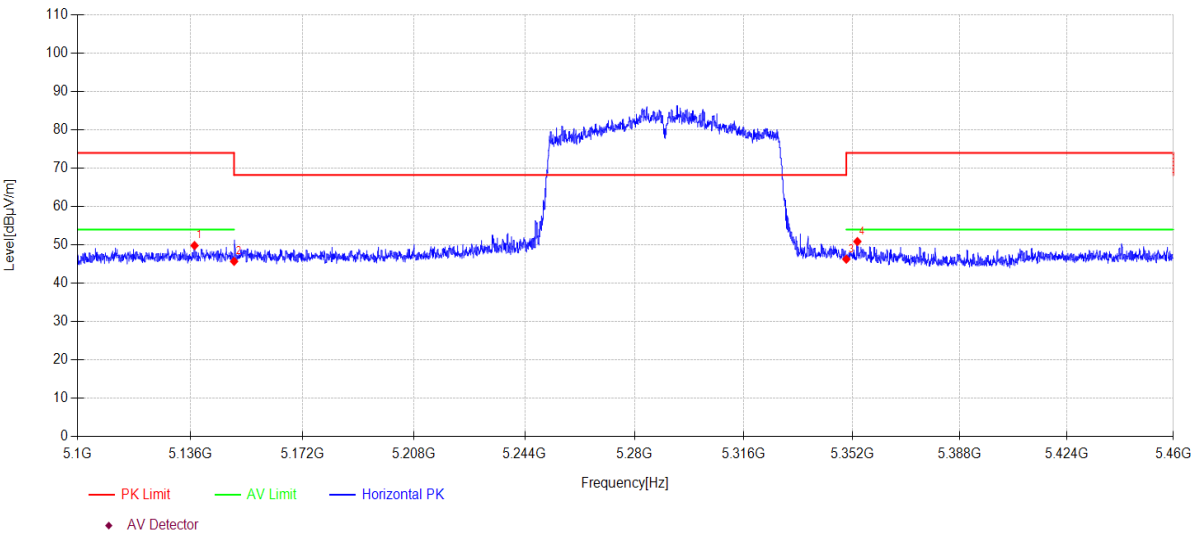
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\63

Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5137.33	10.86	33.40	5.58	0.00	49.84	74.00	24.16	PK	Horizontal
2	5150.00	6.73	33.40	5.59	0.00	45.72	68.20	22.48	PK	Horizontal
3	5350.00	7.49	33.10	5.69	0.00	46.28	74.00	27.72	PK	Horizontal
4	5353.69	12.09	33.10	5.69	0.00	50.88	74.00	23.12	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC80 TX 5290MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

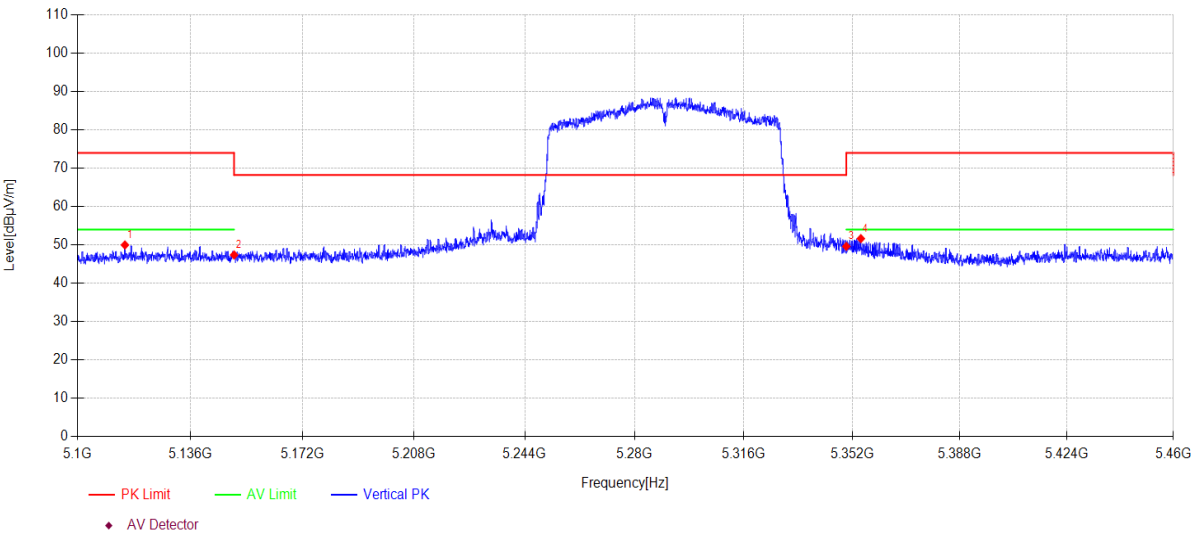
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Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5115.12	11.02	33.40	5.57	0.00	49.99	74.00	24.01	PK	Vertical
2	5150.00	8.40	33.40	5.59	0.00	47.39	68.20	20.81	PK	Vertical
3	5350.00	10.83	33.10	5.69	0.00	49.62	74.00	24.38	PK	Vertical
4	5354.84	12.85	33.10	5.69	0.00	51.64	74.00	22.36	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N40 TX 5310MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

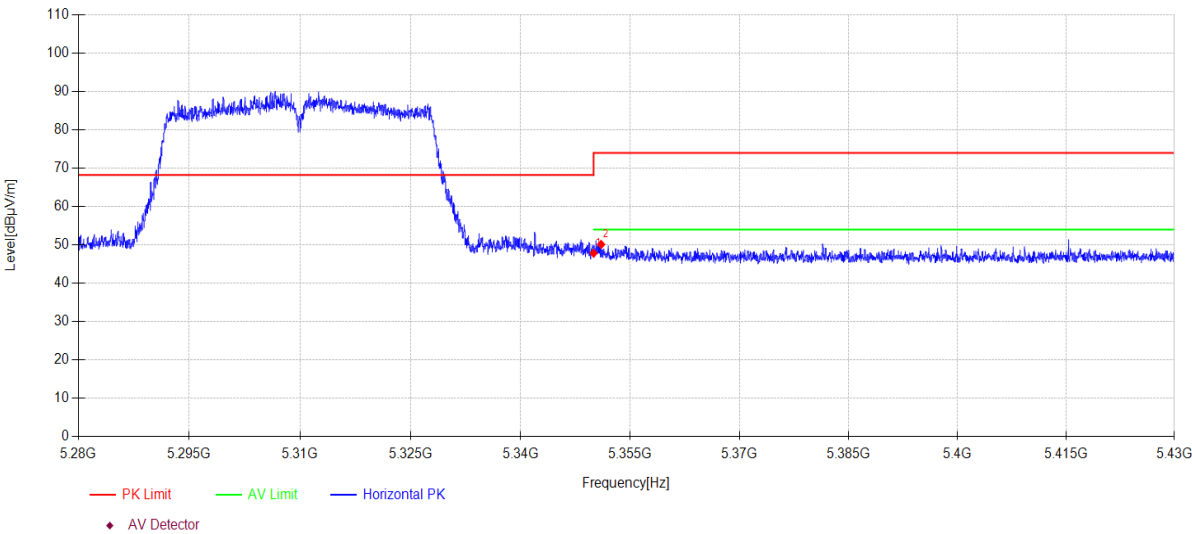
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\65

Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	9.04	33.10	5.69	0.00	47.83	74.00	26.17	PK	Horizontal
2	5351.03	11.34	33.10	5.69	0.00	50.13	74.00	23.87	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N40 TX 5310MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

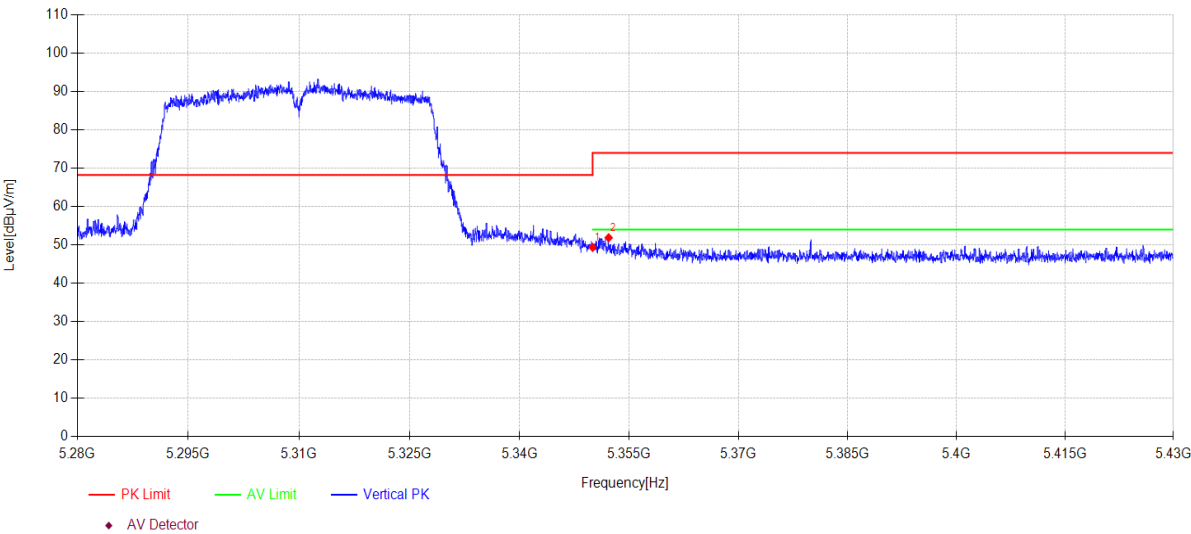
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\66

Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	10.57	33.10	5.69	0.00	49.36	74.00	24.64	PK	Vertical
2	5352.20	13.09	33.10	5.69	0.00	51.88	74.00	22.12	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC40 TX 5310MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

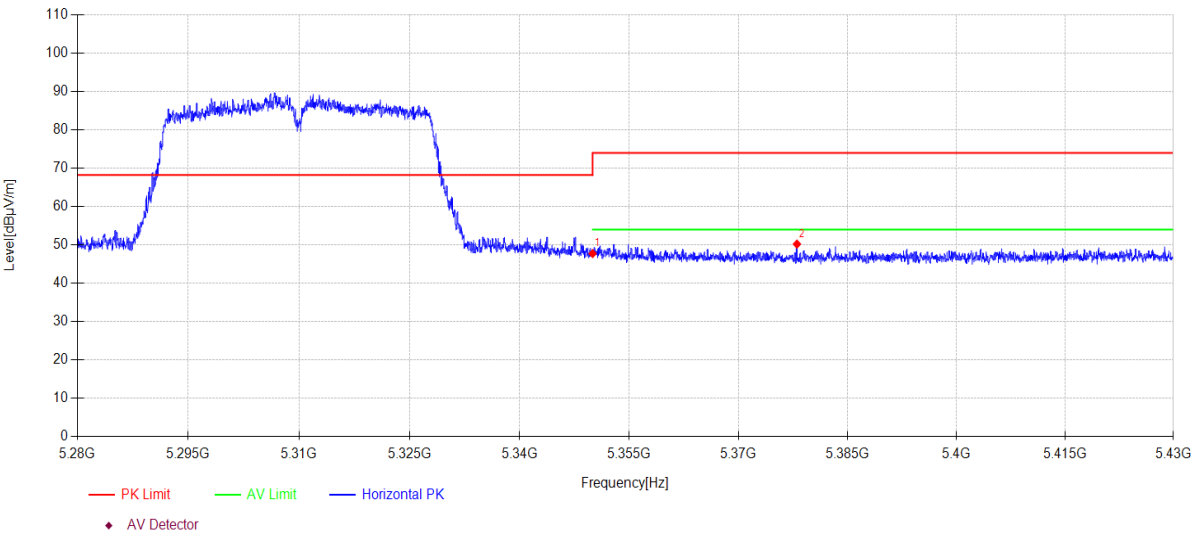
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\67

Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	8.96	33.10	5.69	0.00	47.75	74.00	26.25	PK	Horizontal
2	5378.01	11.42	33.10	5.70	0.00	50.22	74.00	23.78	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC40 TX 5310MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

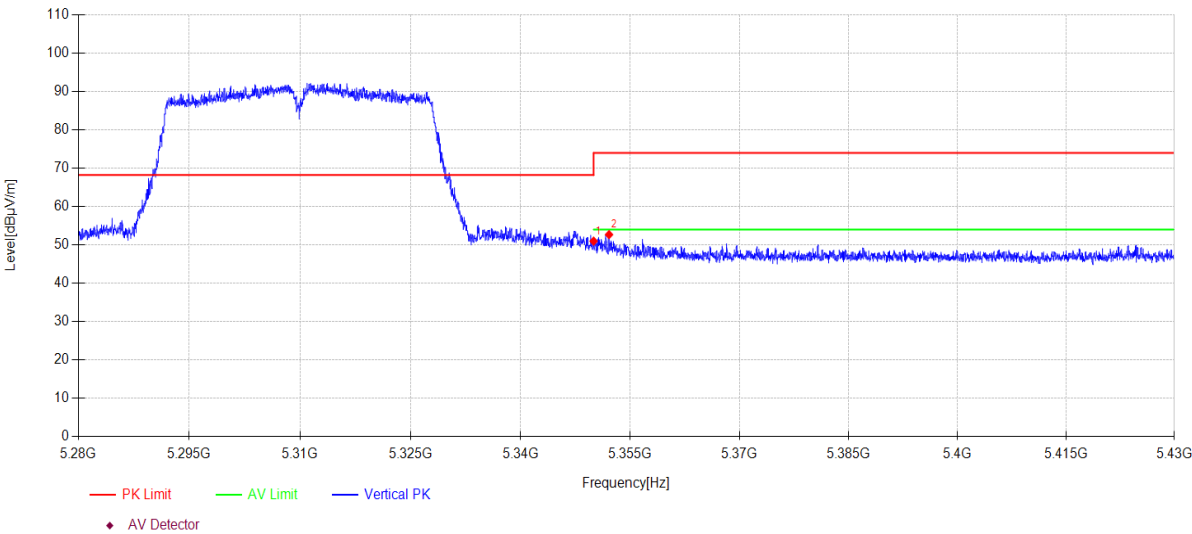
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\68

Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	12.19	33.10	5.69	0.00	50.98	74.00	23.02	PK	Vertical
2	5352.11	13.90	33.10	5.69	0.00	52.69	74.00	21.31	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11A TX 5320MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

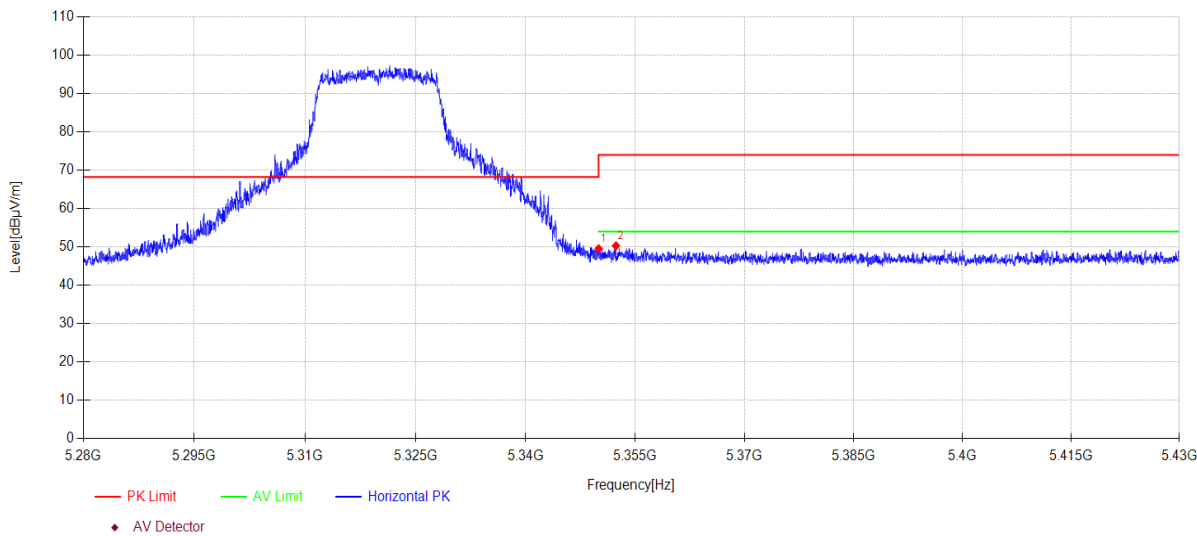
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\69

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	10.76	33.10	5.69	0.00	49.55	74.00	24.45	PK	Horizontal
2	5352.38	11.48	33.10	5.69	0.00	50.27	74.00	23.73	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11A TX 5320MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

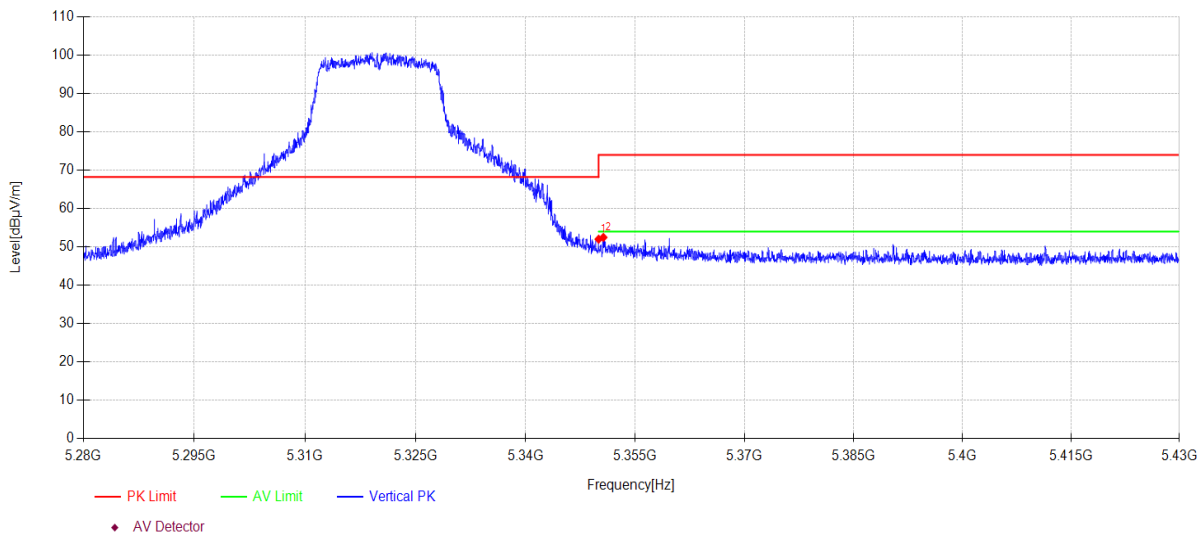
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\70

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	13.22	33.10	5.69	0.00	52.01	74.00	21.99	PK	Vertical
2	5350.65	13.69	33.10	5.69	0.00	52.48	74.00	21.52	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5320MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

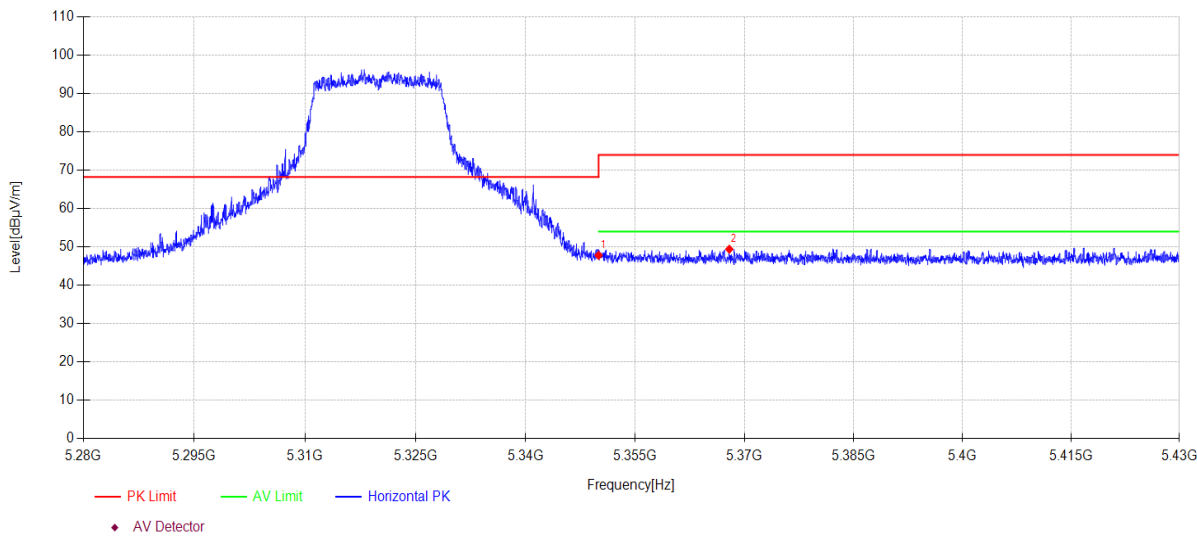
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\71

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	9.02	33.10	5.69	0.00	47.81	74.00	26.19	PK	Horizontal
2	5367.90	10.61	33.10	5.69	0.00	49.40	74.00	24.60	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5320MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

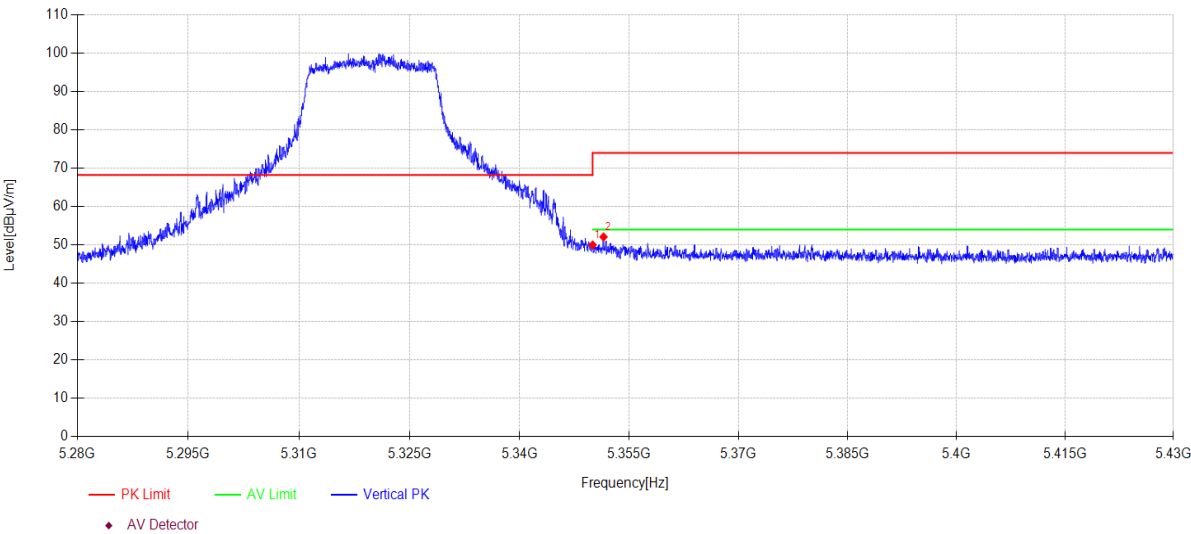
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\72

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	11.19	33.10	5.69	0.00	49.98	74.00	24.02	PK	Vertical
2	5351.49	13.29	33.10	5.69	0.00	52.08	74.00	21.92	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC20 TX 5320MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

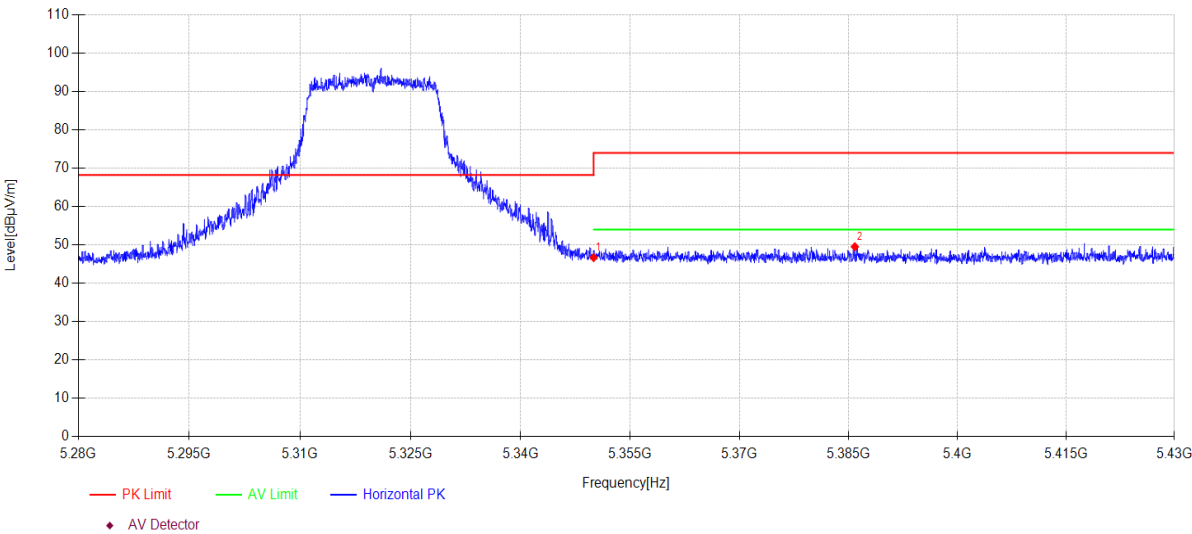
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\73

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	7.91	33.10	5.69	0.00	46.70	74.00	27.30	PK	Horizontal
2	5385.84	10.73	33.10	5.70	0.00	49.53	74.00	24.47	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC20 TX 5320MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

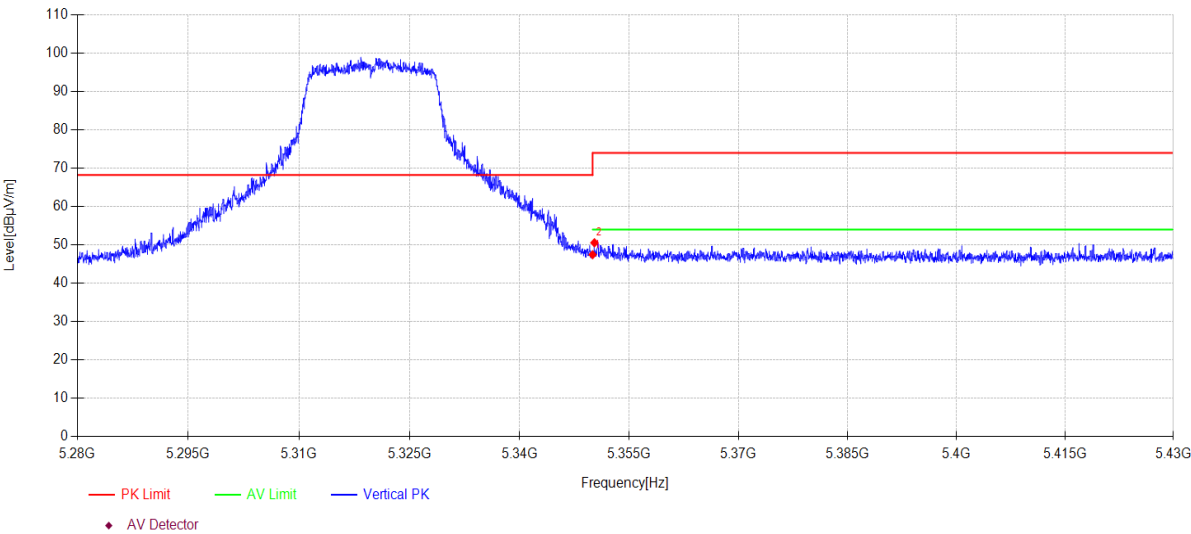
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\74

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	8.66	33.10	5.69	0.00	47.45	74.00	26.55	PK	Vertical
2	5350.25	11.78	33.10	5.69	0.00	50.57	74.00	23.43	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11A TX 5500MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

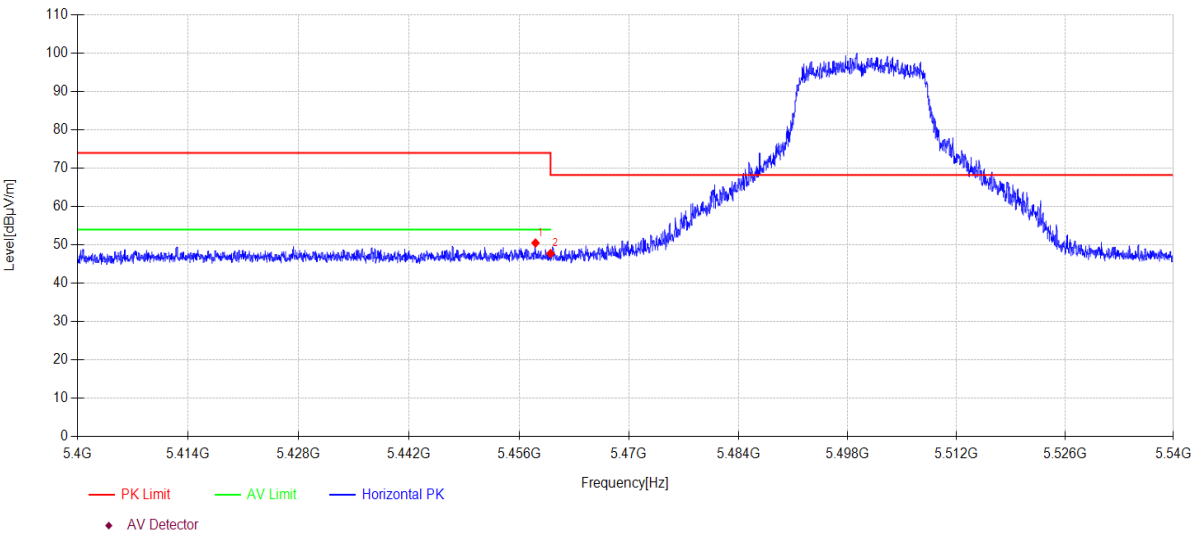
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\75

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.09	11.76	33.00	5.74	0.00	50.50	74.00	23.50	PK	Horizontal
2	5460.00	9.02	33.00	5.74	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11A TX 5500MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

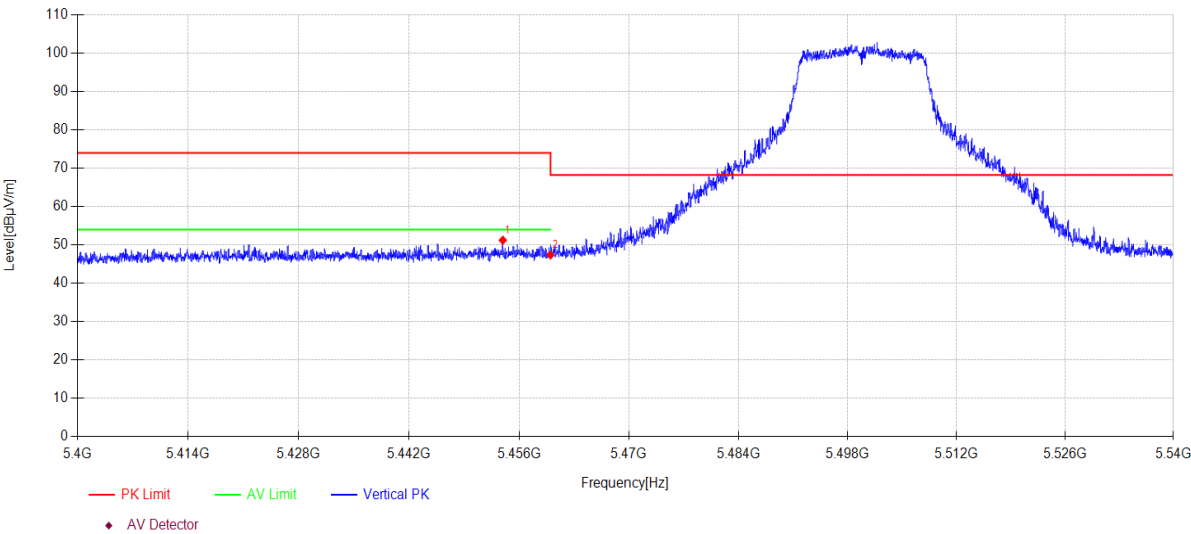
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\76

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5453.93	12.48	33.00	5.74	0.00	51.22	74.00	22.78	PK	Vertical
2	5460.00	8.64	33.00	5.74	0.00	47.38	68.20	20.82	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5500MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

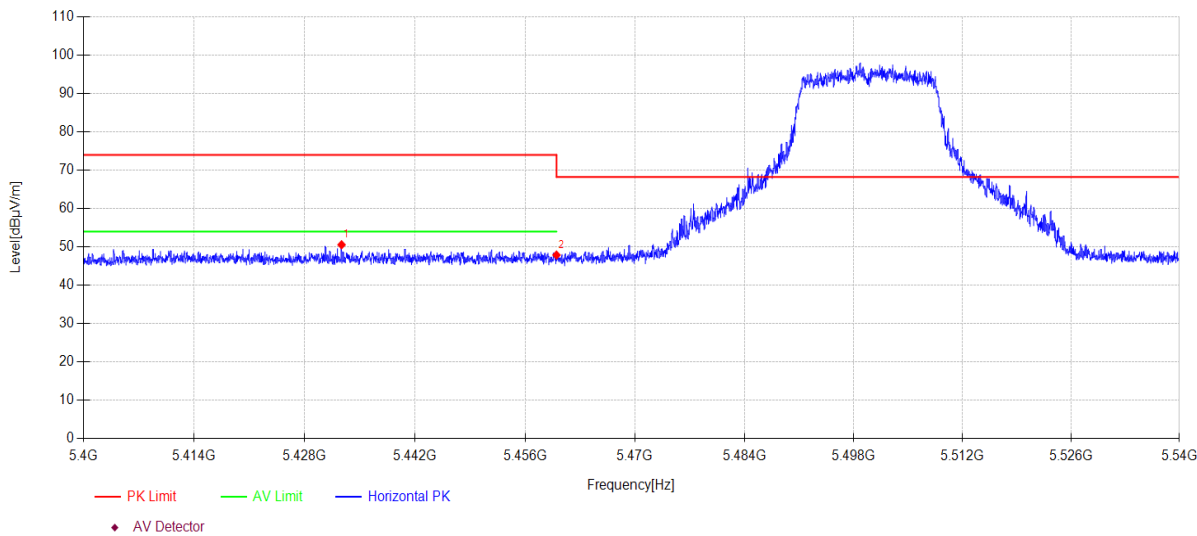
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\77

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5432.66	11.80	33.03	5.73	0.00	50.56	74.00	23.44	PK	Horizontal
2	5460.00	9.14	33.00	5.74	0.00	47.88	68.20	20.32	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5500MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

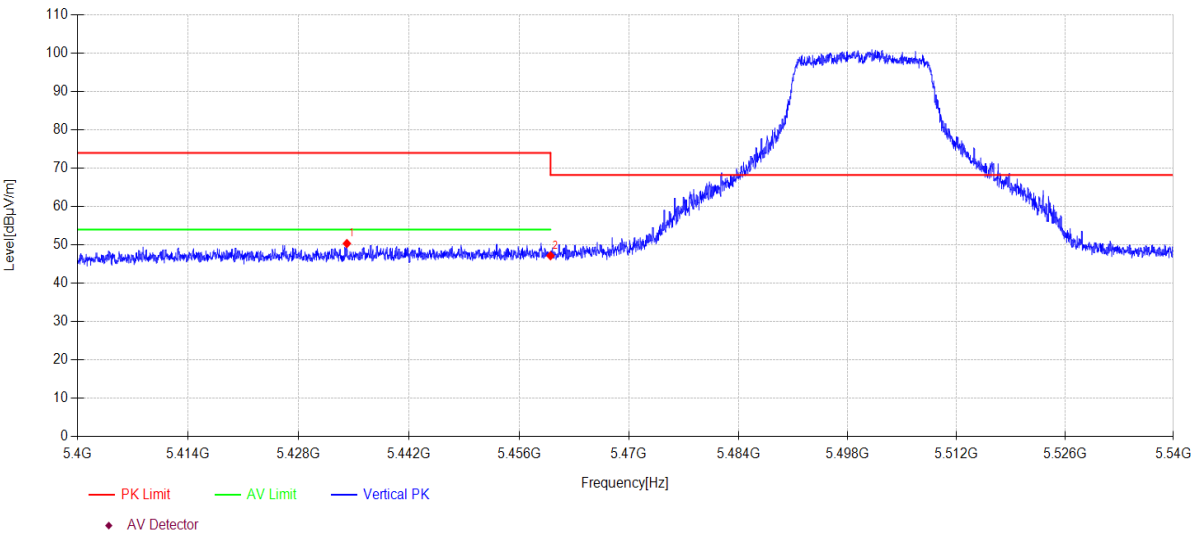
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\78

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5434.10	11.60	33.03	5.73	0.00	50.36	74.00	23.64	PK	Vertical
2	5460.00	8.44	33.00	5.74	0.00	47.18	68.20	21.02	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC20 TX 5500MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

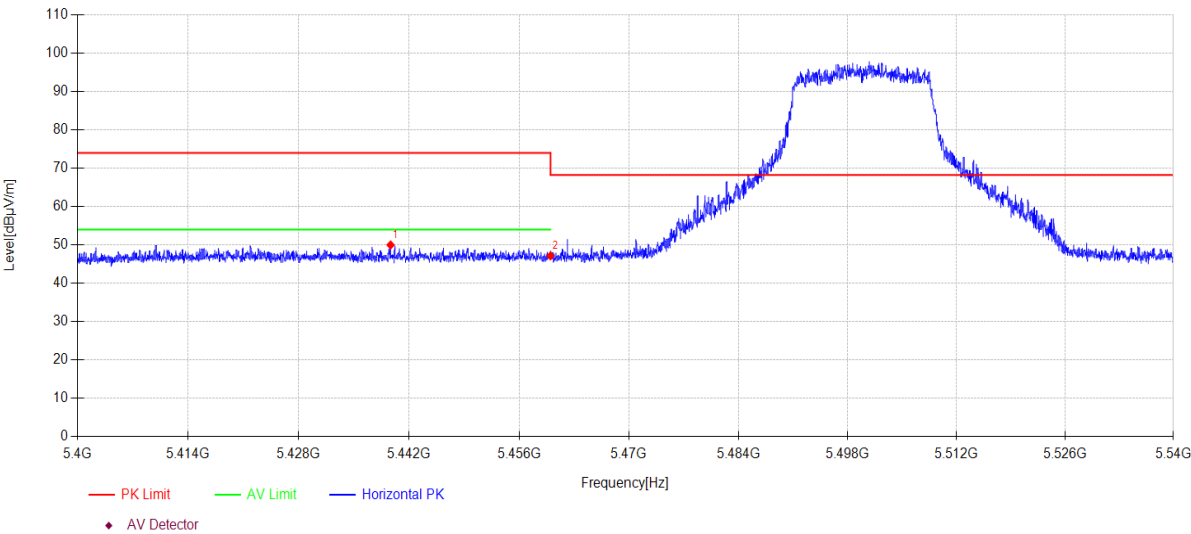
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\79

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5439.65	11.23	33.02	5.73	0.00	49.98	74.00	24.02	PK	Horizontal
2	5460.00	8.42	33.00	5.74	0.00	47.16	68.20	21.04	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC20 TX 5500MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

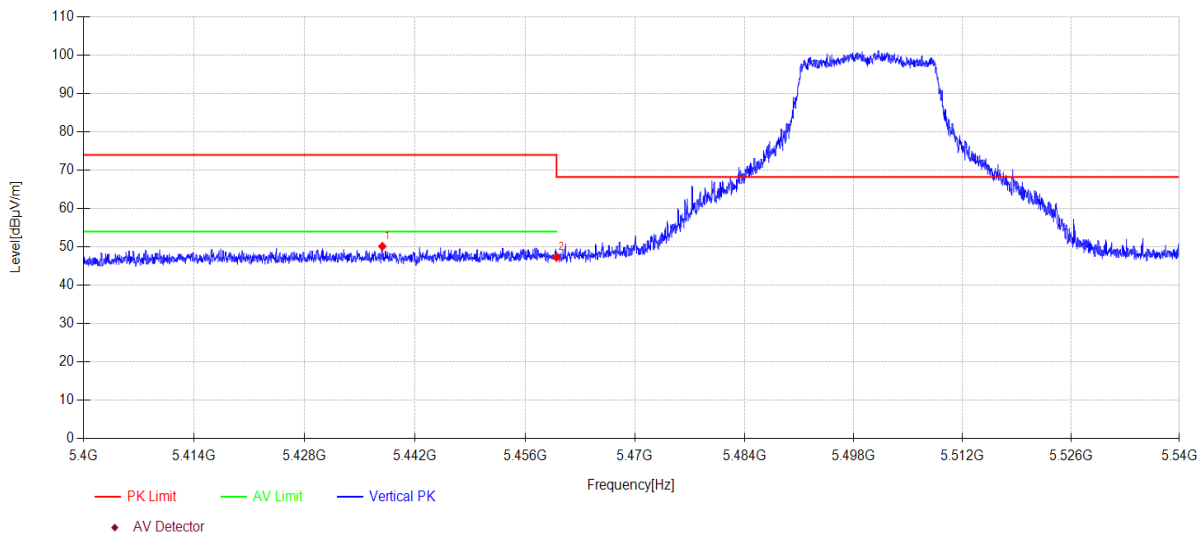
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\80

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5437.84	11.39	33.02	5.73	0.00	50.14	74.00	23.86	PK	Vertical
2	5460.00	8.57	33.00	5.74	0.00	47.31	68.20	20.89	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N40 TX 5510MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

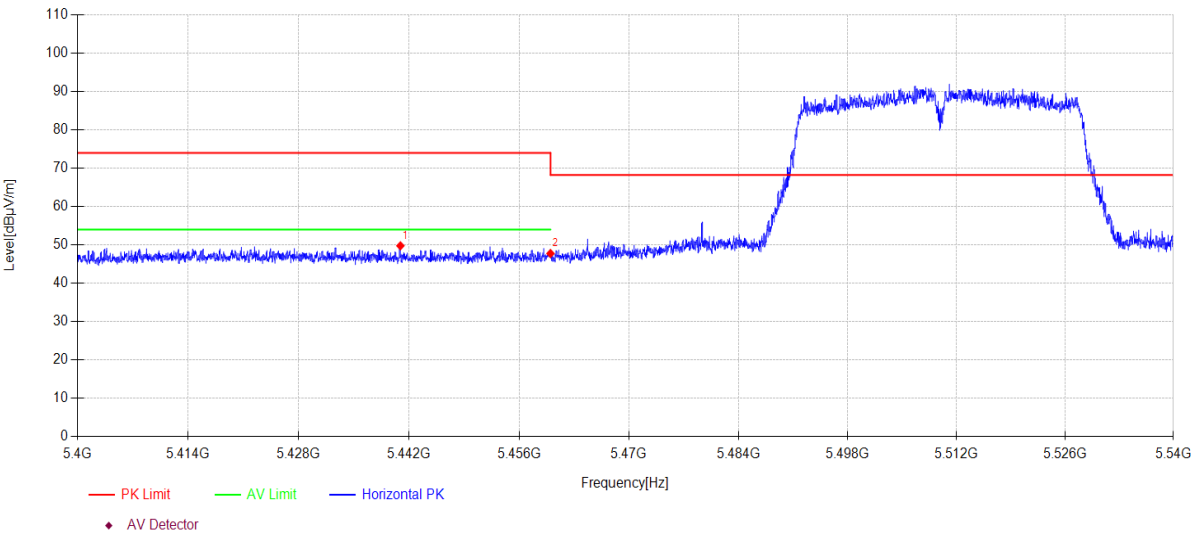
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\81

Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5440.89	11.02	33.02	5.73	0.00	49.77	74.00	24.23	PK	Horizontal
2	5460.00	9.02	33.00	5.74	0.00	47.76	68.20	20.44	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N40 TX 5510MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

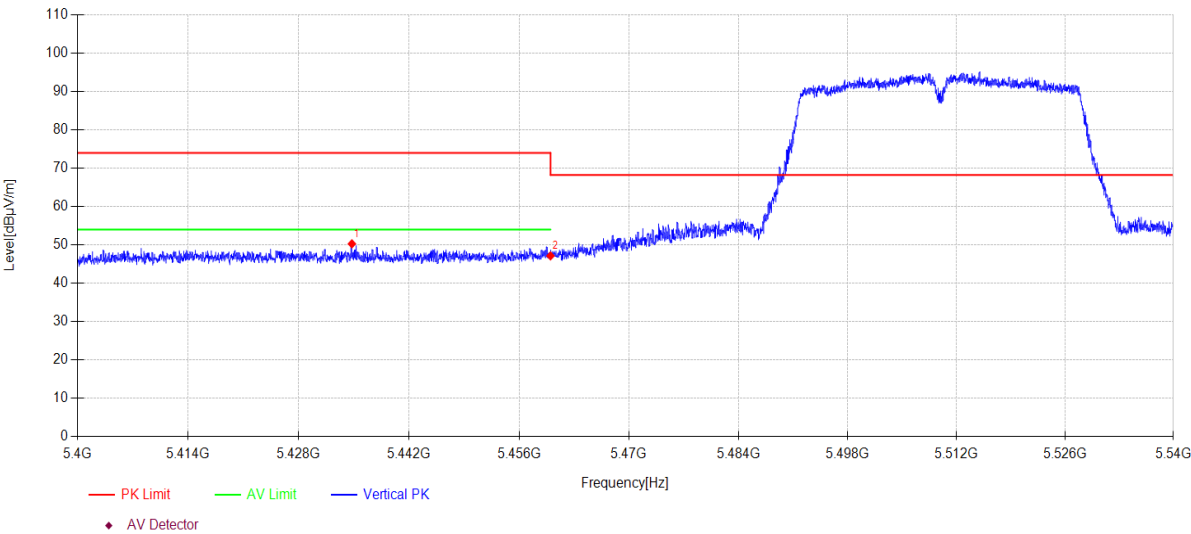
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Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5434.73	11.53	33.03	5.73	0.00	50.29	74.00	23.71	PK	Vertical
2	5460.00	8.41	33.00	5.74	0.00	47.15	68.20	21.05	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC40 TX 5510MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

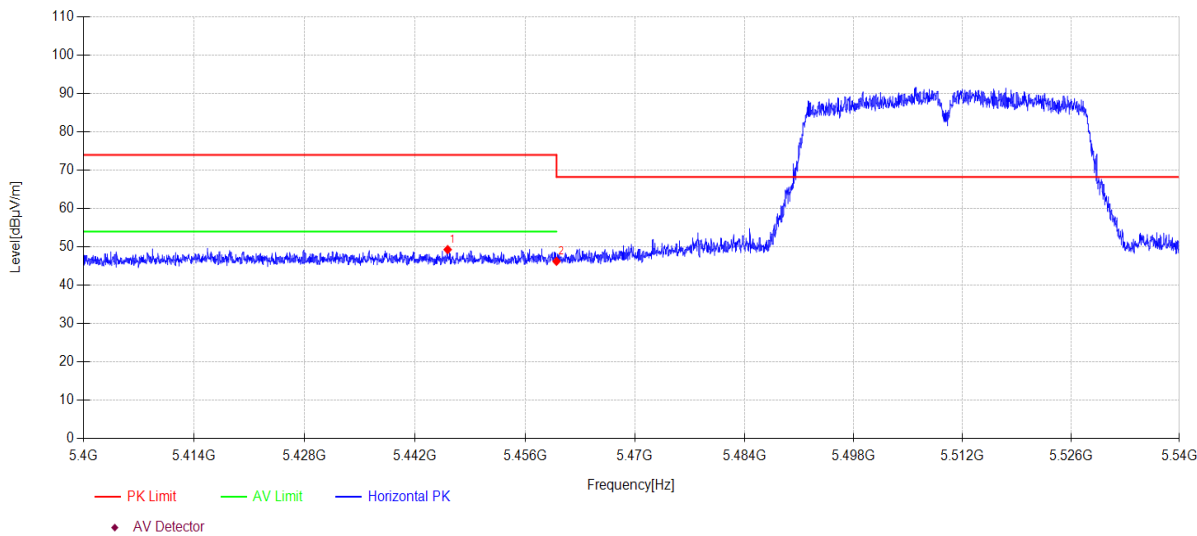
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Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5446.14	10.56	33.01	5.73	0.00	49.30	74.00	24.70	PK	Horizontal
2	5460.00	7.50	33.00	5.74	0.00	46.24	68.20	21.96	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC40 TX 5510MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

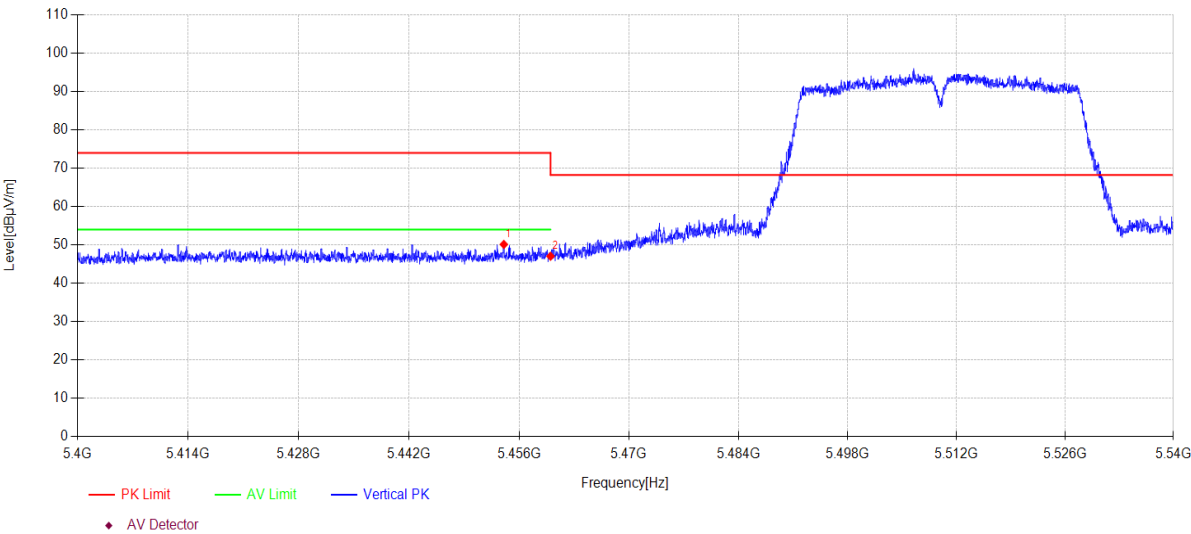
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\84

Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5454.05	11.39	33.00	5.74	0.00	50.13	74.00	23.87	PK	Vertical
2	5460.00	8.31	33.00	5.74	0.00	47.05	68.20	21.15	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC80 TX 5530MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

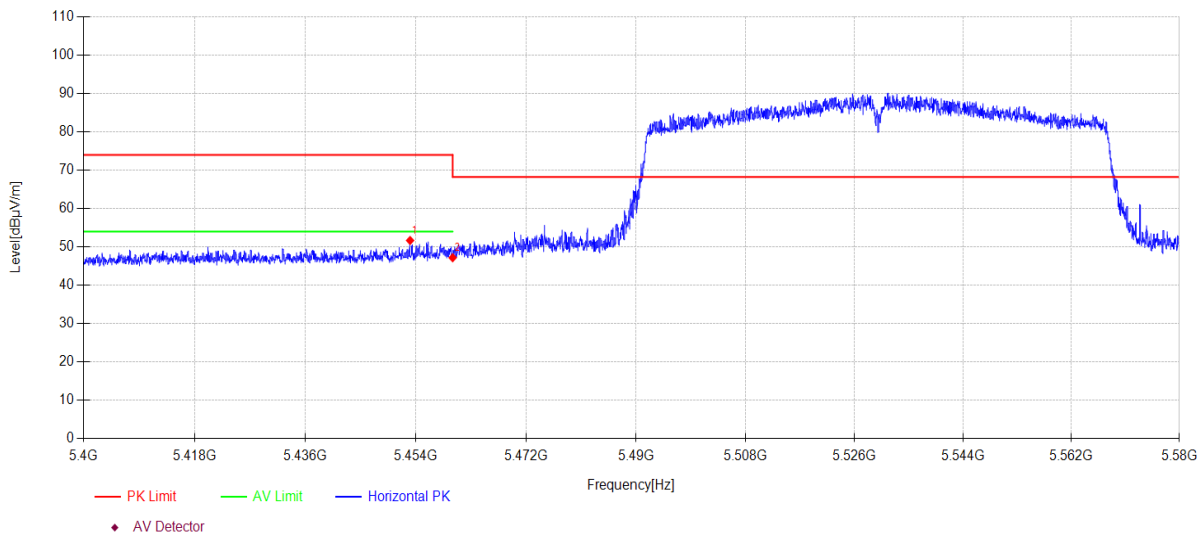
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Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5453.05	12.94	33.00	5.74	0.00	51.68	74.00	22.32	PK	Horizontal
2	5460.00	8.45	33.00	5.74	0.00	47.19	68.20	21.01	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC80 TX 5530MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

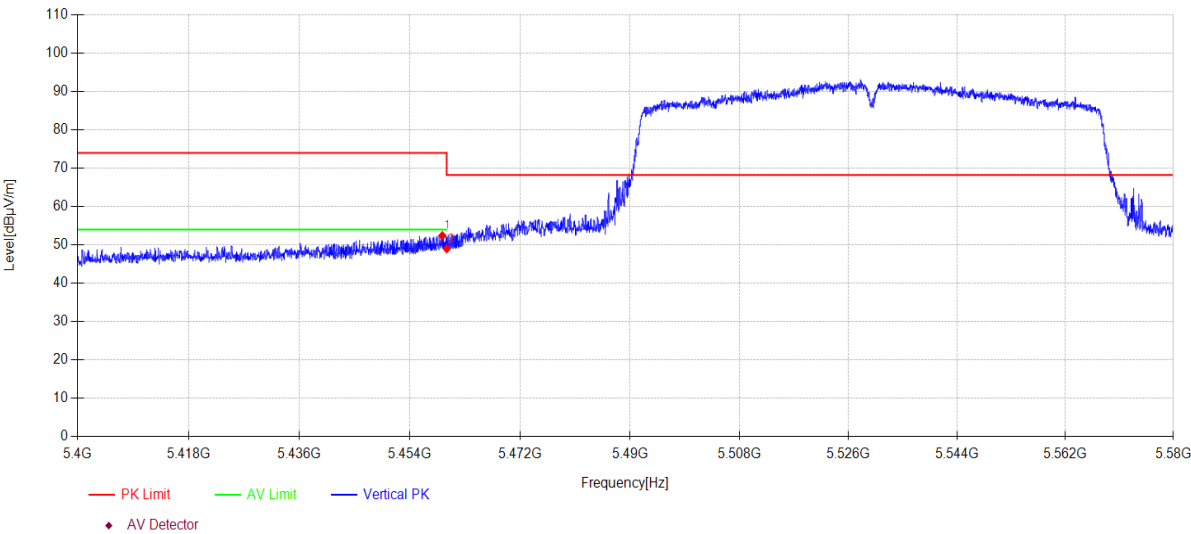
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\86

Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5459.29	13.68	33.00	5.74	0.00	52.42	74.00	21.58	PK	Vertical
2	5460.00	10.26	33.00	5.74	0.00	49.00	68.20	19.20	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC80 TX 5610MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

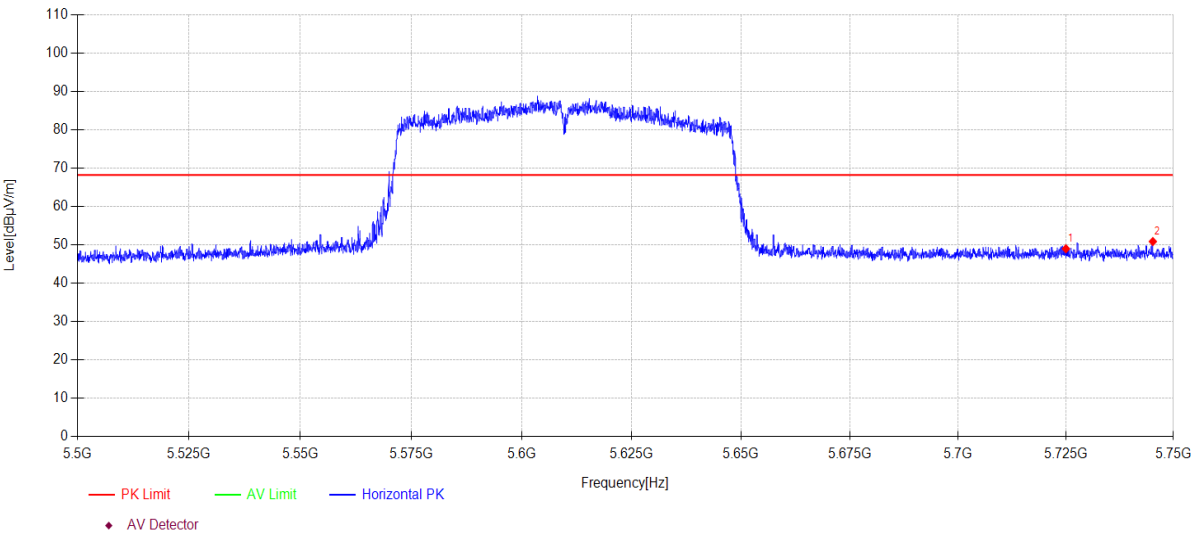
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\87

Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	9.37	33.75	5.87	0.00	48.99	68.20	19.21	PK	Horizontal
2	5745.23	11.13	33.87	5.88	0.00	50.88	68.20	17.32	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC80 TX 5610MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

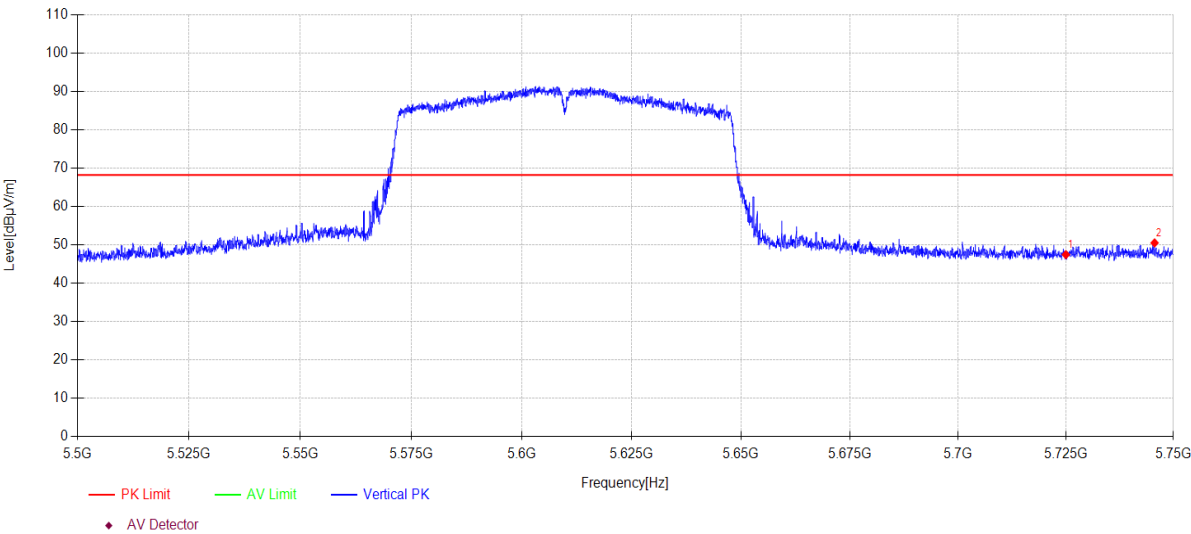
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\88

Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	7.85	33.75	5.87	0.00	47.47	68.20	20.73	PK	Vertical
2	5745.63	10.78	33.87	5.88	0.00	50.53	68.20	17.67	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N40 TX 5670MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

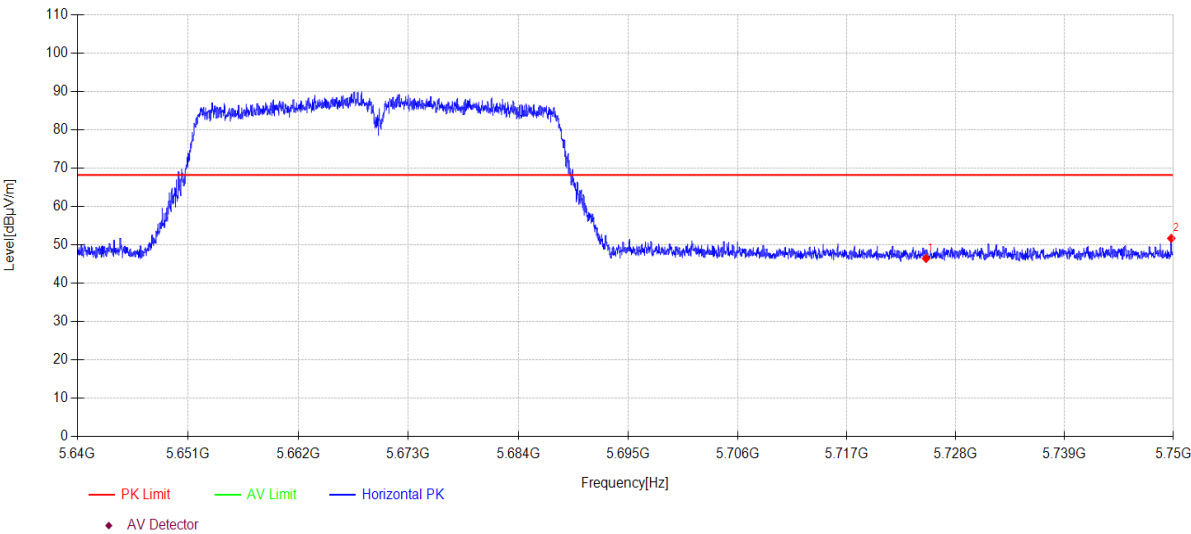
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\89

Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	6.85	33.75	5.87	0.00	46.47	68.20	21.73	PK	Horizontal
2	5749.79	11.92	33.90	5.88	0.00	51.70	68.20	16.50	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N40 TX 5670MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

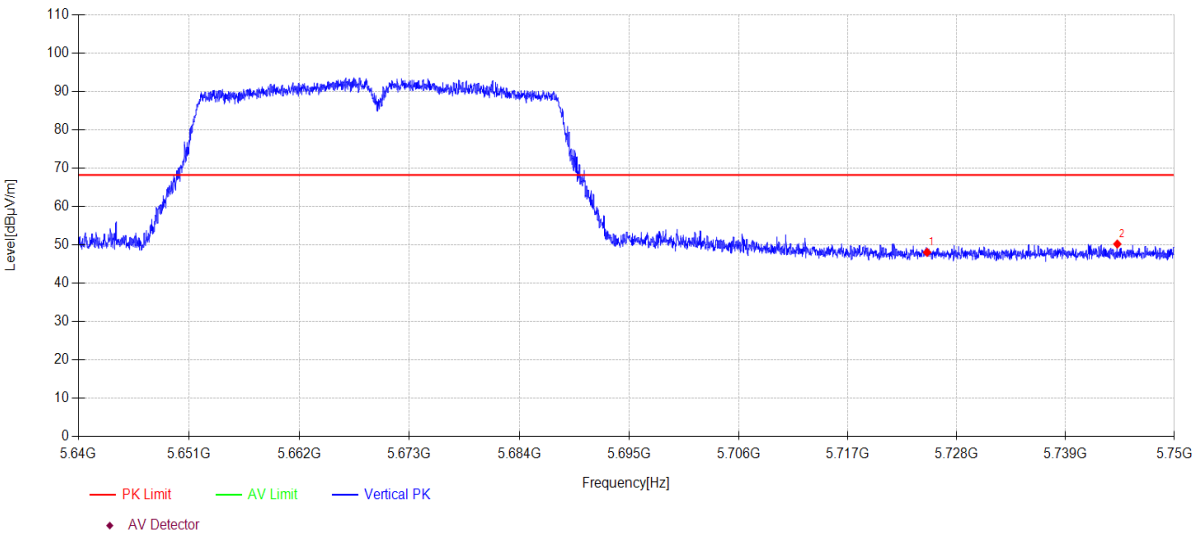
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\90

Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	8.44	33.75	5.87	0.00	48.06	68.20	20.14	PK	Vertical
2	5744.23	10.48	33.87	5.88	0.00	50.23	68.20	17.97	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC40 TX 5670MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

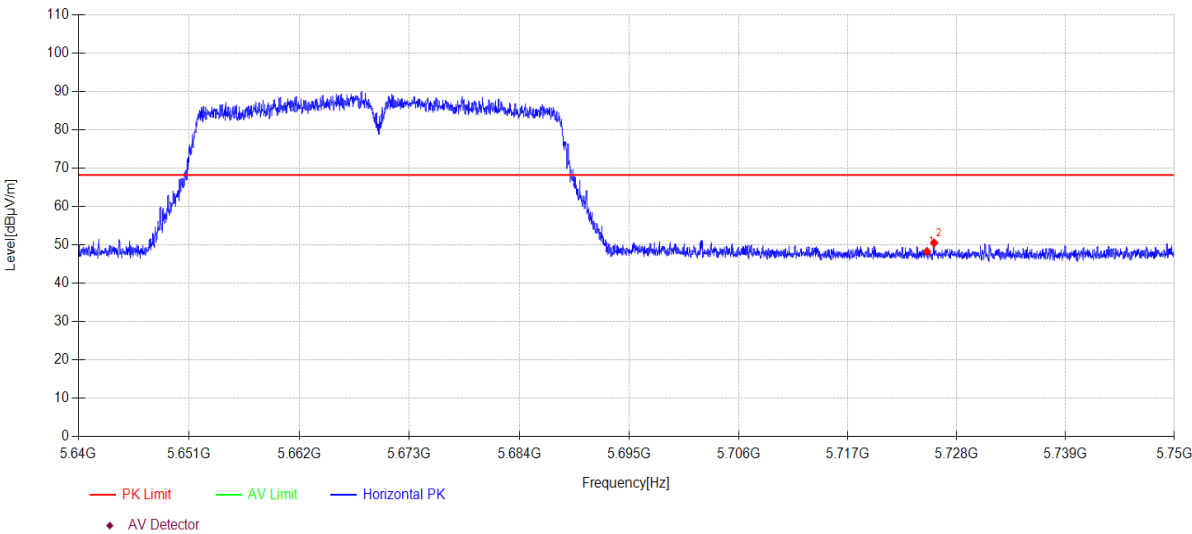
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Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	8.66	33.75	5.87	0.00	48.28	68.20	19.92	PK	Horizontal
2	5725.71	10.89	33.75	5.87	0.00	50.51	68.20	17.69	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC40 TX 5670MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

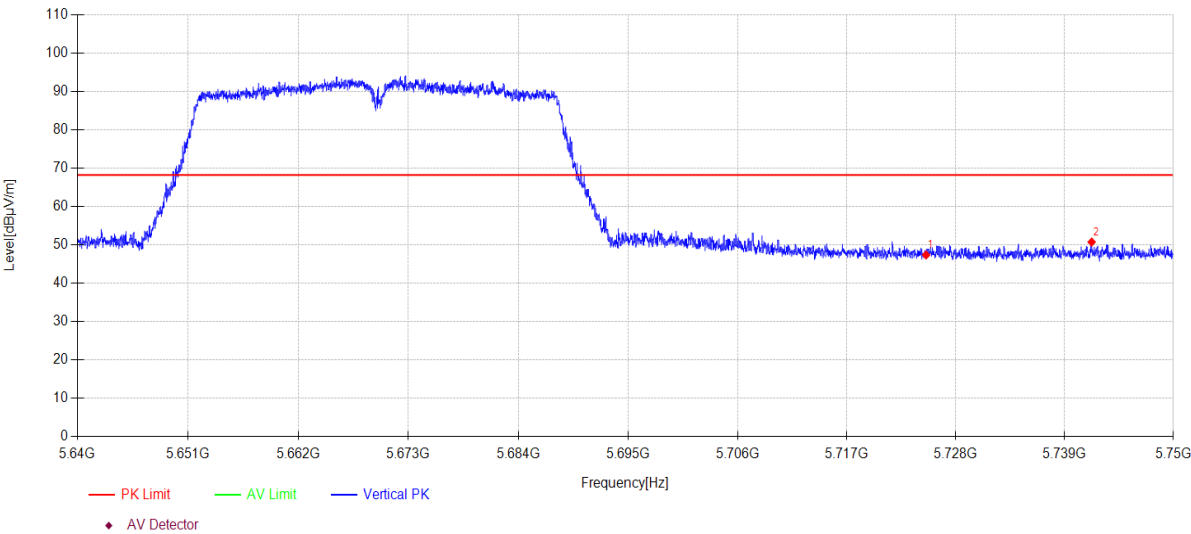
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\92

Memo:

Sample Number:S23110312-01 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	7.76	33.75	5.87	0.00	47.38	68.20	20.82	PK	Vertical
2	5741.73	11.01	33.85	5.88	0.00	50.74	68.20	17.46	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11A TX 5700MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

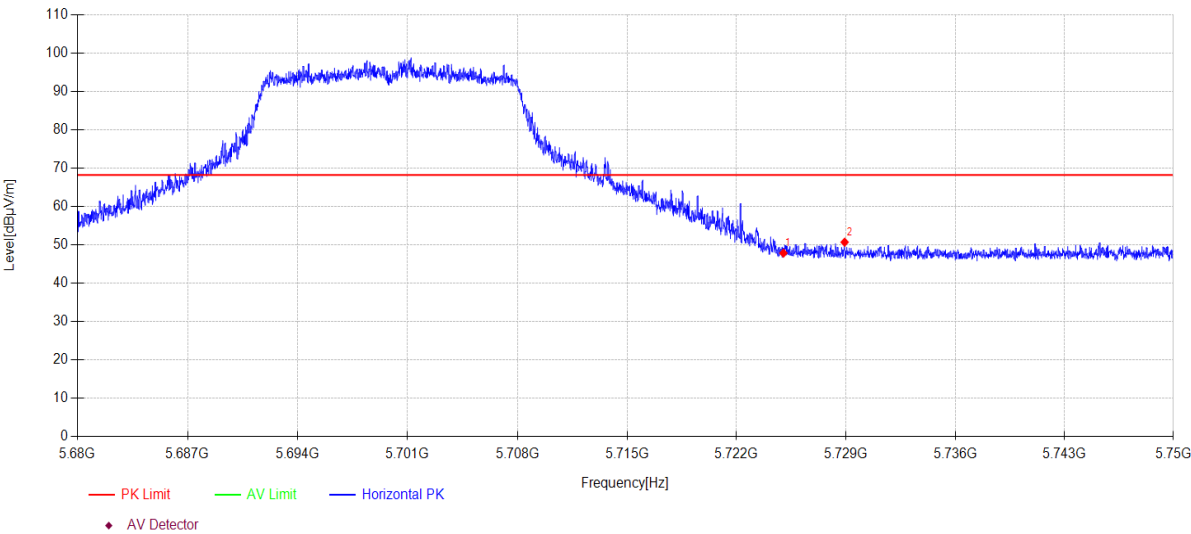
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\93

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	8.24	33.75	5.87	0.00	47.86	68.20	20.34	PK	Horizontal
2	5728.92	11.08	33.77	5.87	0.00	50.72	68.20	17.48	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11A TX 5700MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

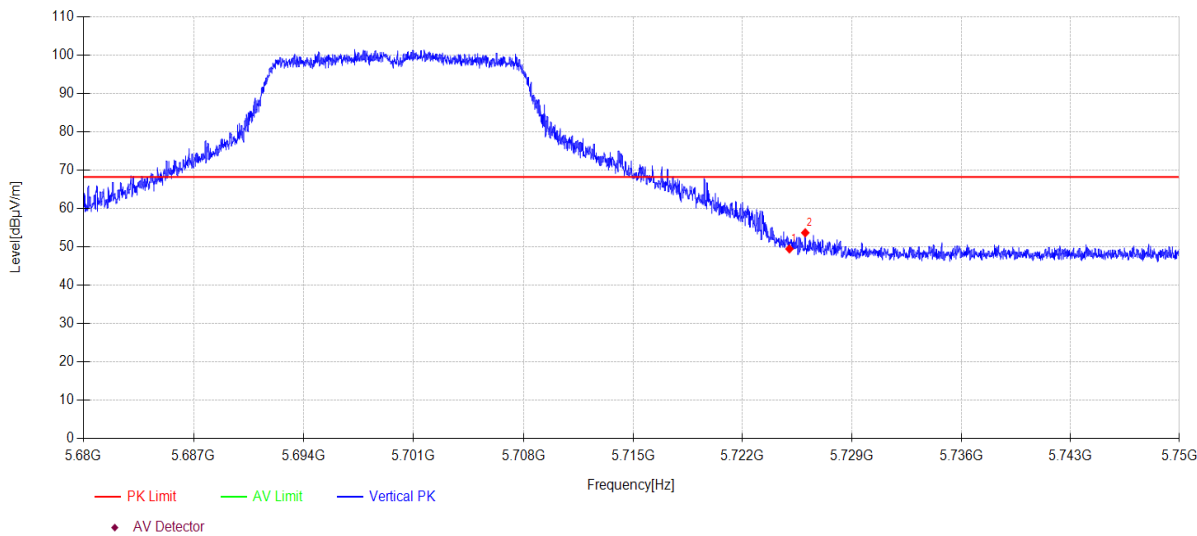
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	9.86	33.75	5.87	0.00	49.48	68.20	18.72	PK	Vertical
2	5726.01	14.05	33.76	5.87	0.00	53.68	68.20	14.52	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5700MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

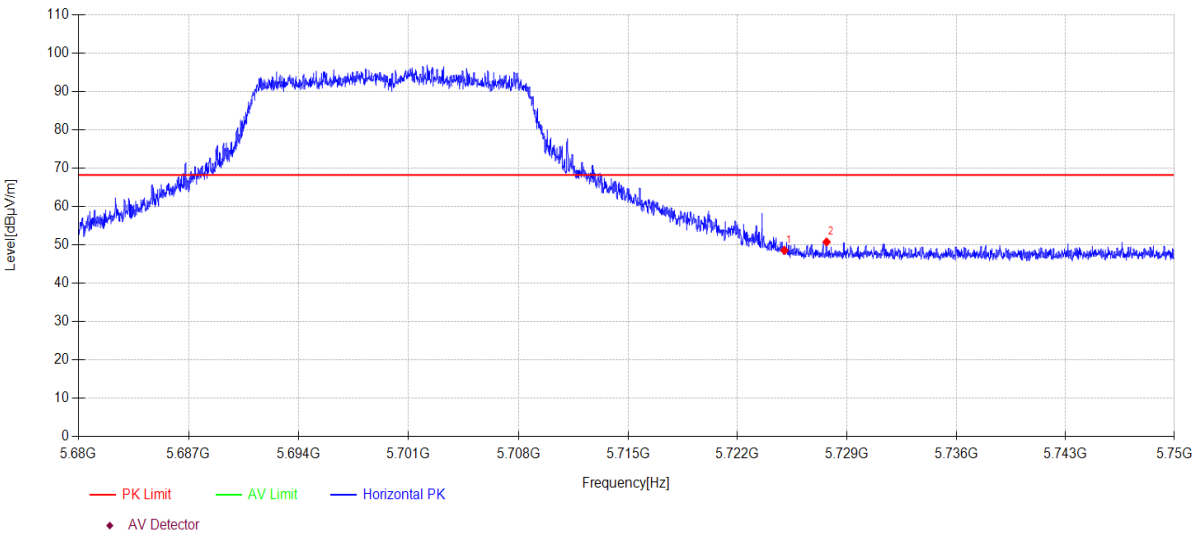
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	8.97	33.75	5.87	0.00	48.59	68.20	19.61	PK	Horizontal
2	5727.70	11.13	33.77	5.87	0.00	50.77	68.20	17.43	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5700MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

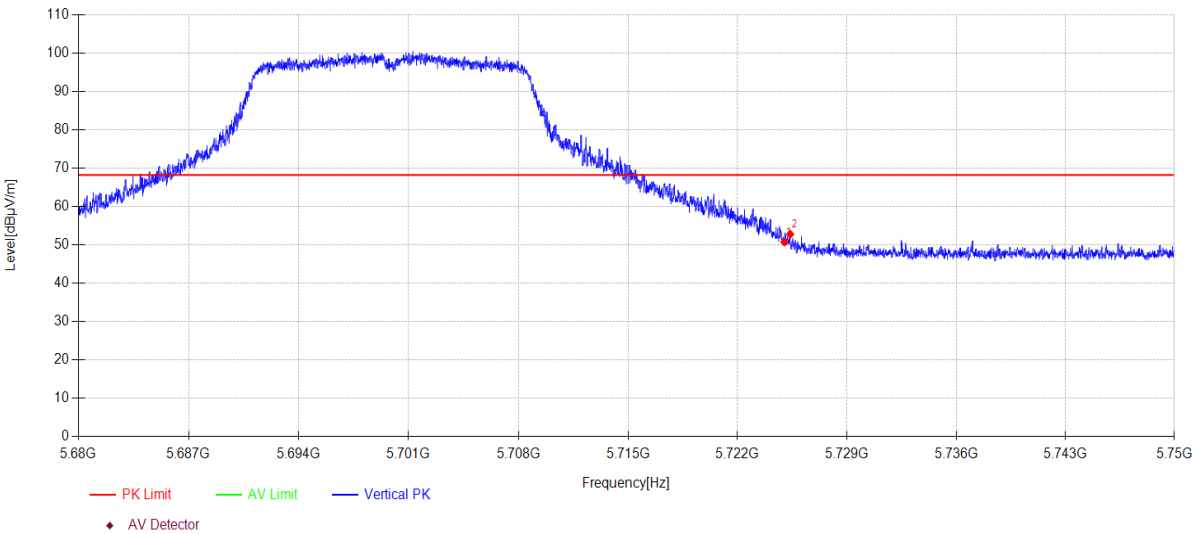
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\96

Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	11.13	33.75	5.87	0.00	50.75	68.20	17.45	PK	Vertical
2	5725.37	13.16	33.75	5.87	0.00	52.78	68.20	15.42	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC20 TX 5700MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

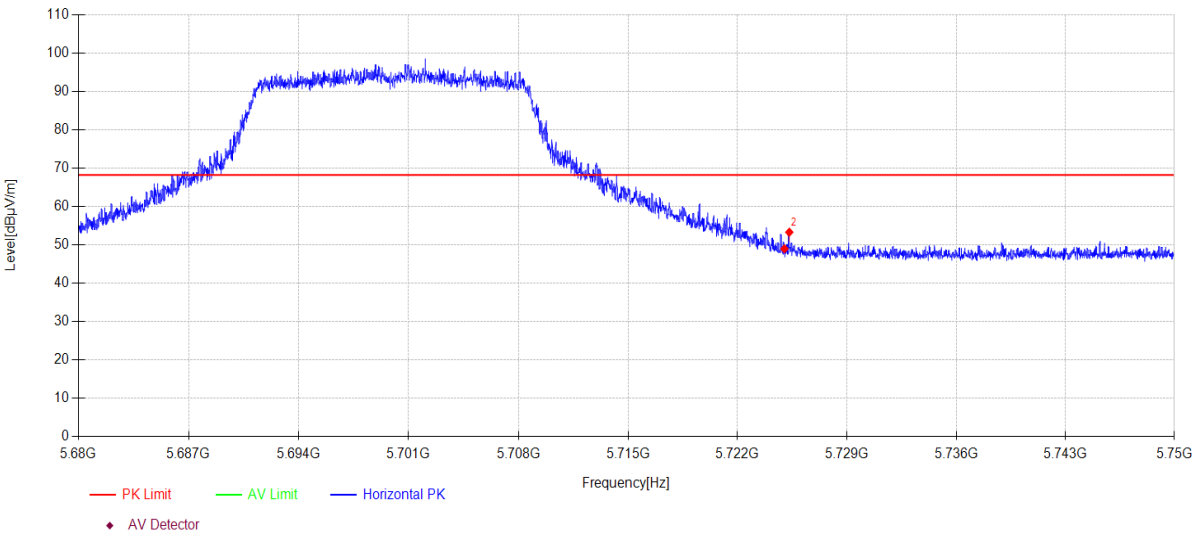
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	9.37	33.75	5.87	0.00	48.99	68.20	19.21	PK	Horizontal
2	5725.31	13.69	33.75	5.87	0.00	53.31	68.20	14.89	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC20 TX 5700MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

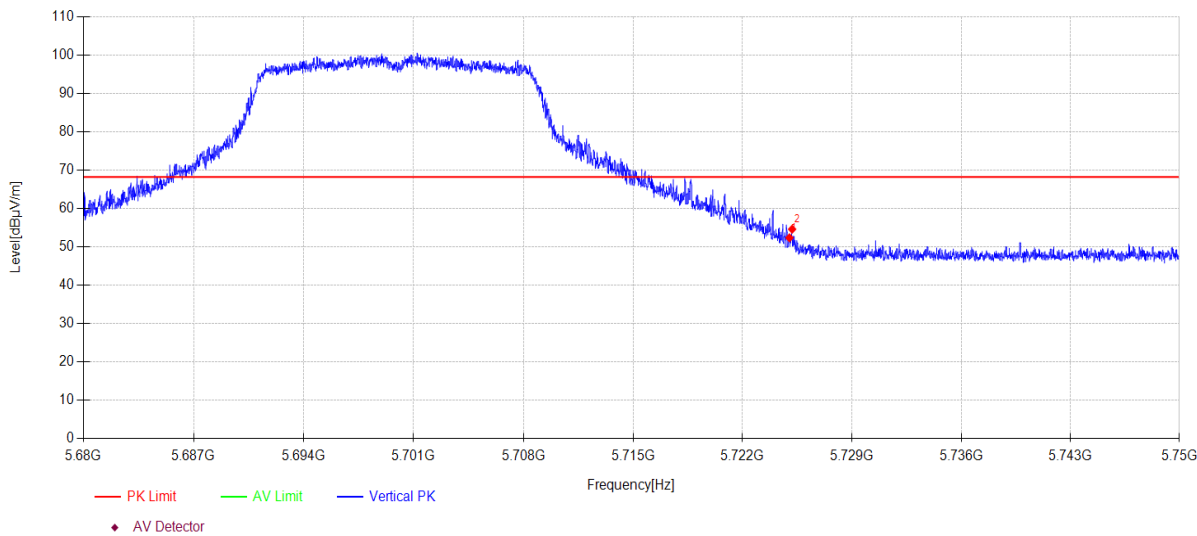
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	12.76	33.75	5.87	0.00	52.38	68.20	15.82	PK	Vertical
2	5725.17	14.99	33.75	5.87	0.00	54.61	68.20	13.59	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11A TX 5720MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

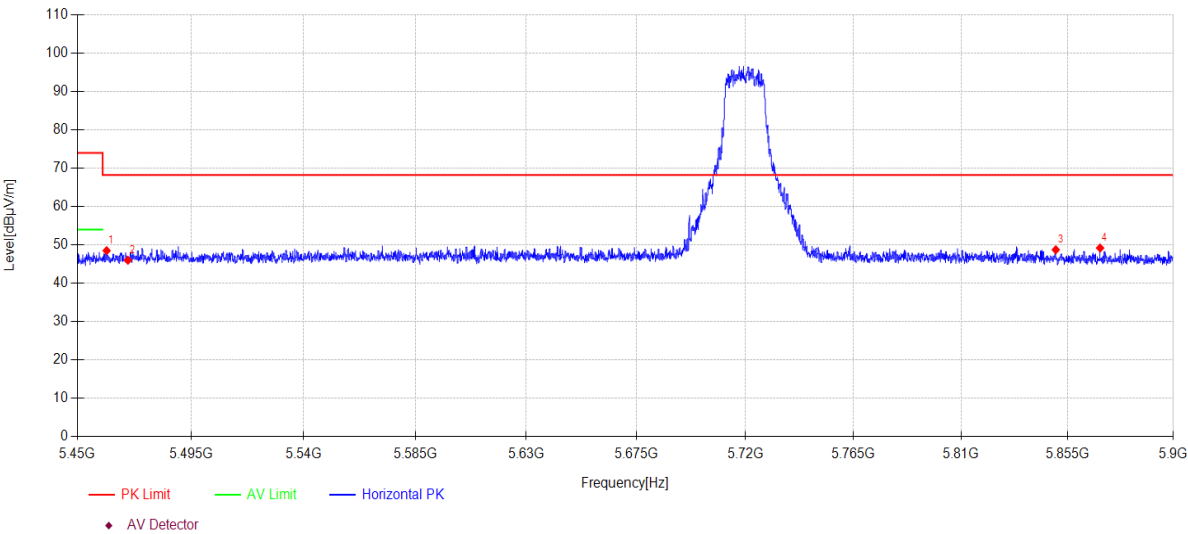
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5461.57	9.76	33.00	5.74	0.00	48.50	68.20	19.70	PK	Horizontal
2	5470.00	7.26	33.00	5.75	0.00	46.01	68.20	22.19	PK	Horizontal
3	5850.00	8.80	34.00	5.94	0.00	48.74	68.20	19.46	PK	Horizontal
4	5868.82	9.21	34.04	5.94	0.00	49.19	68.20	19.01	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11A TX 5720MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

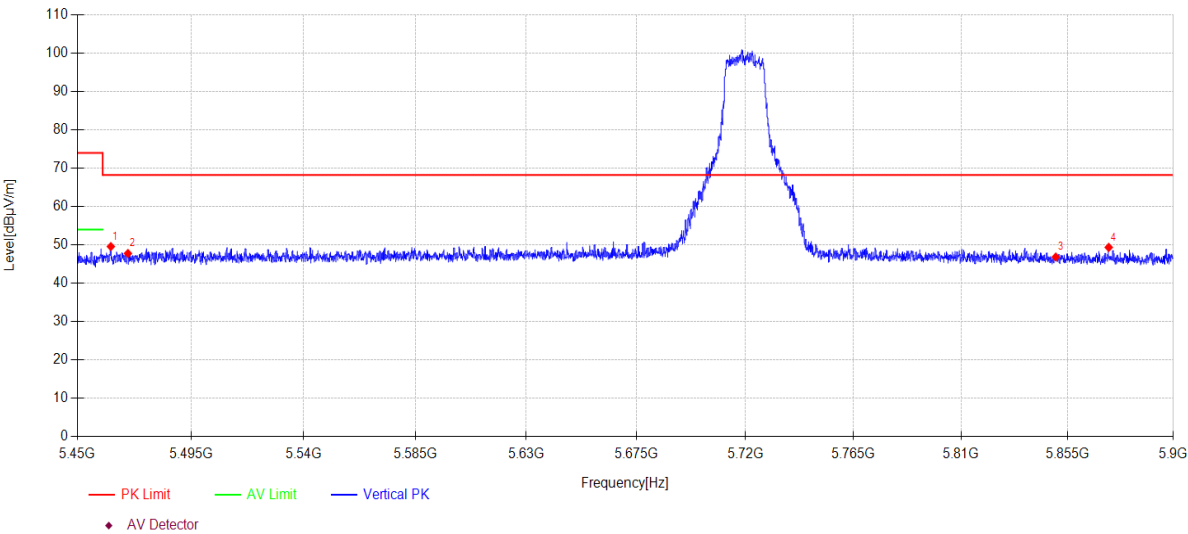
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5463.23	10.83	33.00	5.74	0.00	49.57	68.20	18.63	PK	Vertical
2	5470.00	9.03	33.00	5.75	0.00	47.78	68.20	20.42	PK	Vertical
3	5850.00	6.91	34.00	5.94	0.00	46.85	68.20	21.35	PK	Vertical
4	5872.46	9.37	34.04	5.95	0.00	49.36	68.20	18.84	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5720MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

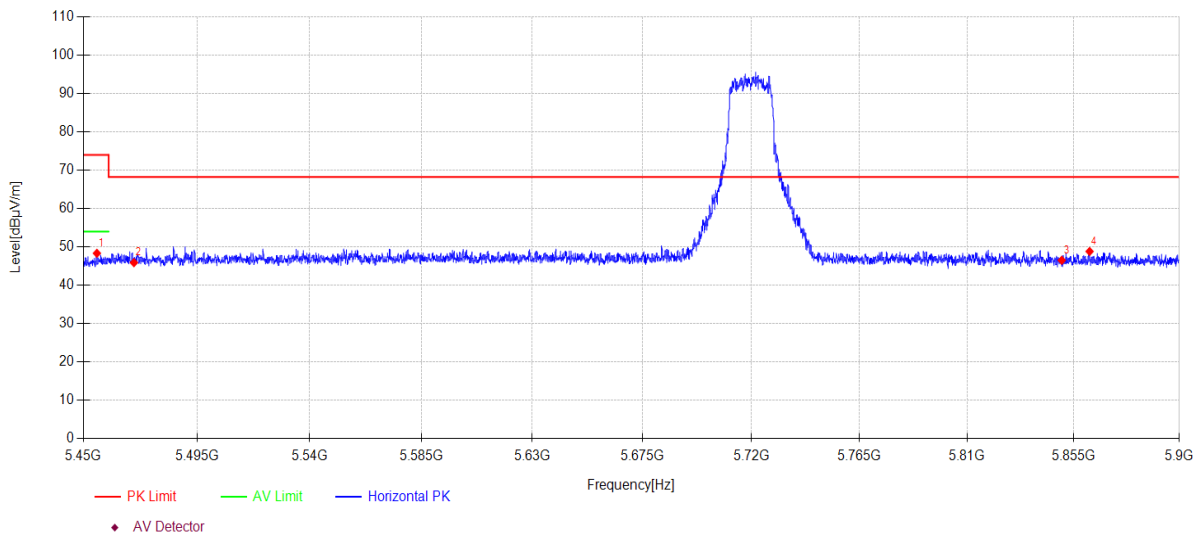
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5455.36	9.60	33.00	5.74	0.00	48.34	74.00	25.66	PK	Horizontal
2	5470.00	7.15	33.00	5.75	0.00	45.90	68.20	22.30	PK	Horizontal
3	5850.00	6.58	34.00	5.94	0.00	46.52	68.20	21.68	PK	Horizontal
4	5861.80	8.86	34.02	5.94	0.00	48.82	68.20	19.38	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N20 TX 5720MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

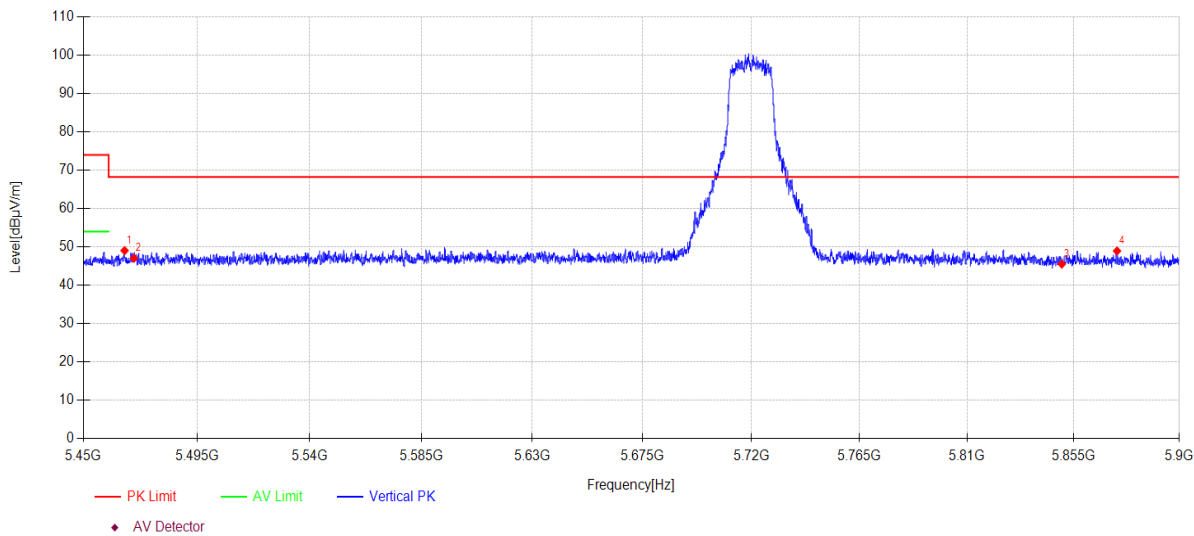
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5466.29	10.30	33.00	5.74	0.00	49.04	68.20	19.16	PK	Vertical
2	5470.00	8.32	33.00	5.75	0.00	47.07	68.20	21.13	PK	Vertical
3	5850.00	5.59	34.00	5.94	0.00	45.53	68.20	22.67	PK	Vertical
4	5873.45	8.95	34.05	5.95	0.00	48.95	68.20	19.25	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC20 TX 5720MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

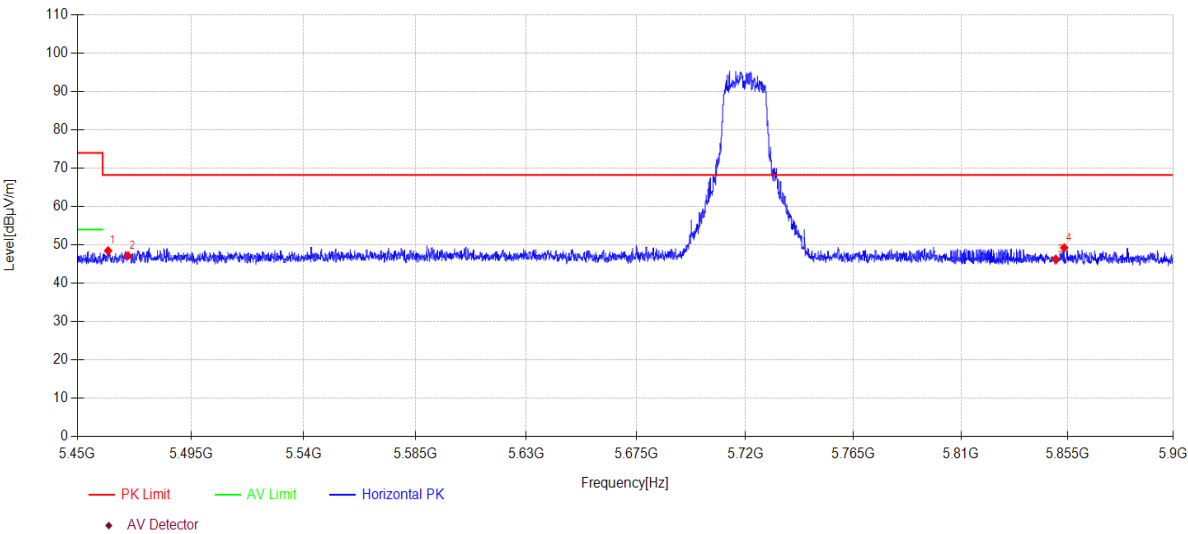
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5462.15	9.74	33.00	5.74	0.00	48.48	68.20	19.72	PK	Horizontal
2	5470.00	8.45	33.00	5.75	0.00	47.20	68.20	21.00	PK	Horizontal
3	5850.00	6.36	34.00	5.94	0.00	46.30	68.20	21.90	PK	Horizontal
4	5853.61	9.30	34.01	5.94	0.00	49.25	68.20	18.95	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC20 TX 5720MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

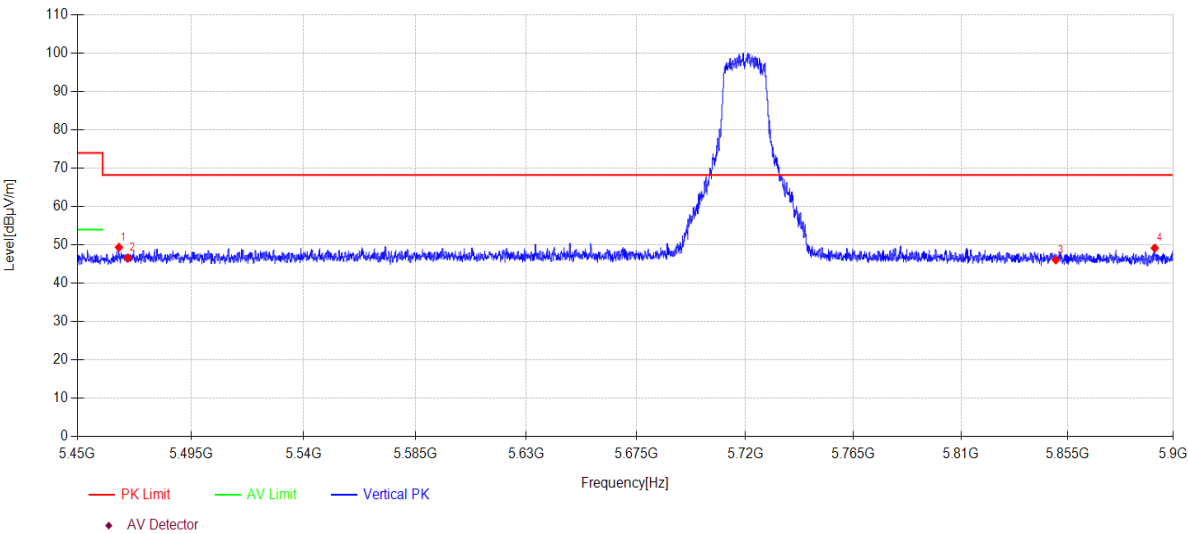
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Memo:

Sample Number:S23110312-01 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5466.43	10.63	33.00	5.74	0.00	49.37	68.20	18.83	PK	Vertical
2	5470.00	7.84	33.00	5.75	0.00	46.59	68.20	21.61	PK	Vertical
3	5850.00	6.15	34.00	5.94	0.00	46.09	68.20	22.11	PK	Vertical
4	5892.08	9.14	34.08	5.96	0.00	49.18	68.20	19.02	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.