

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 5710MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

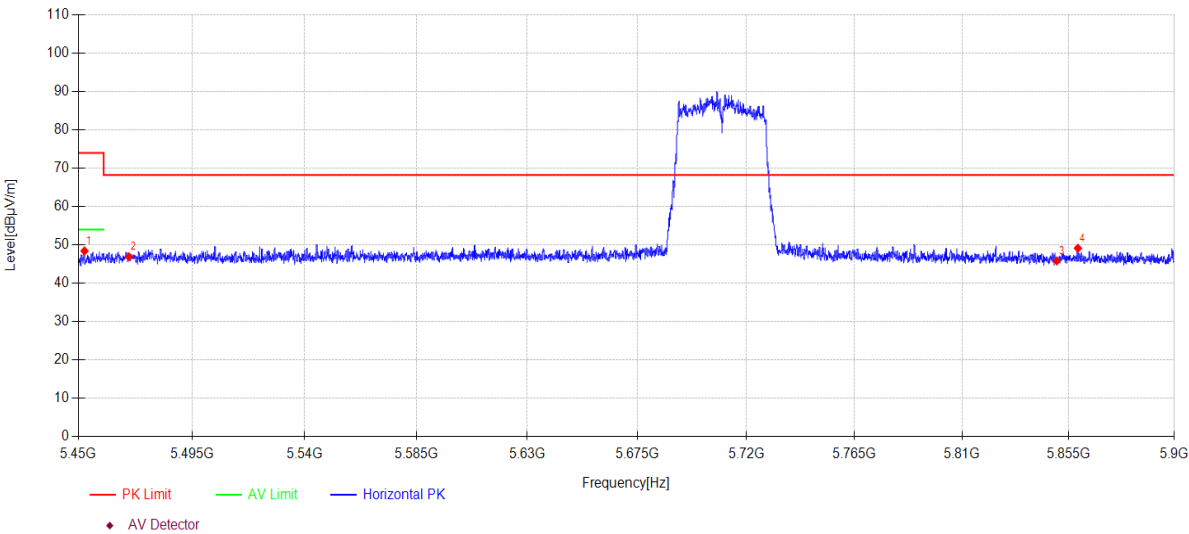
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5GWIFI\105

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	5452.43	9.68	33.00	5.74	0.00	48.42	74.00	25.58	PK	Horizontal
2	5470.00	8.16	33.00	5.75	0.00	46.91	68.20	21.29	PK	Horizontal
3	5850.00	5.89	34.00	5.94	0.00	45.83	68.20	22.37	PK	Horizontal
4	5858.96	9.17	34.02	5.94	0.00	49.13	68.20	19.07	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 5710MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

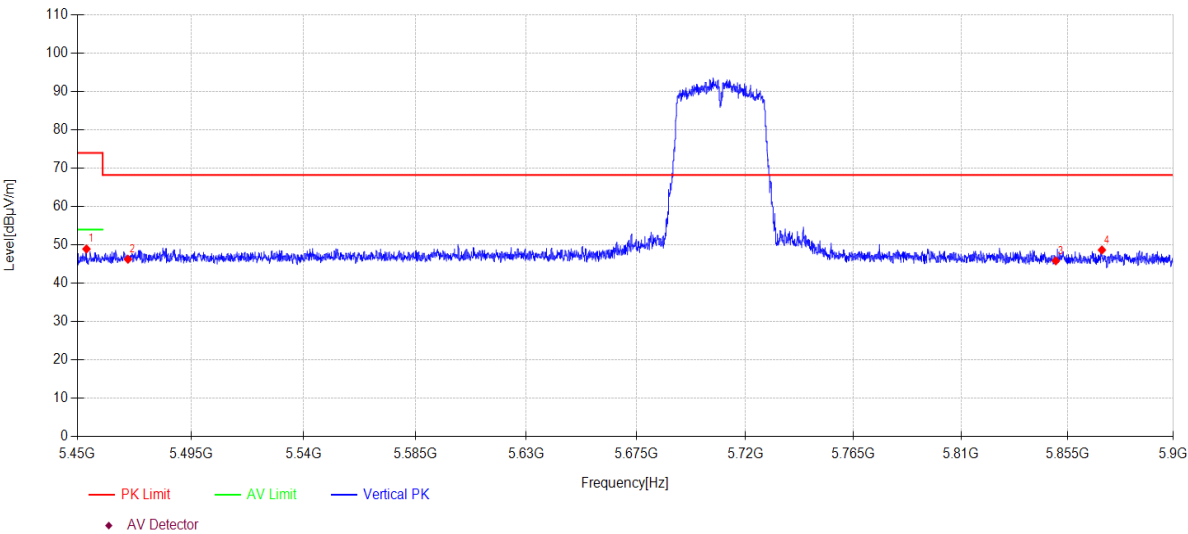
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Memo:

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	5453.60	10.20	33.00	5.74	0.00	48.94	74.00	25.06	PK	Vertical
2	5470.00	7.51	33.00	5.75	0.00	46.26	68.20	21.94	PK	Vertical
3	5850.00	5.92	34.00	5.94	0.00	45.86	68.20	22.34	PK	Vertical
4	5869.58	8.69	34.04	5.94	0.00	48.67	68.20	19.53	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC40 TX 5710MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

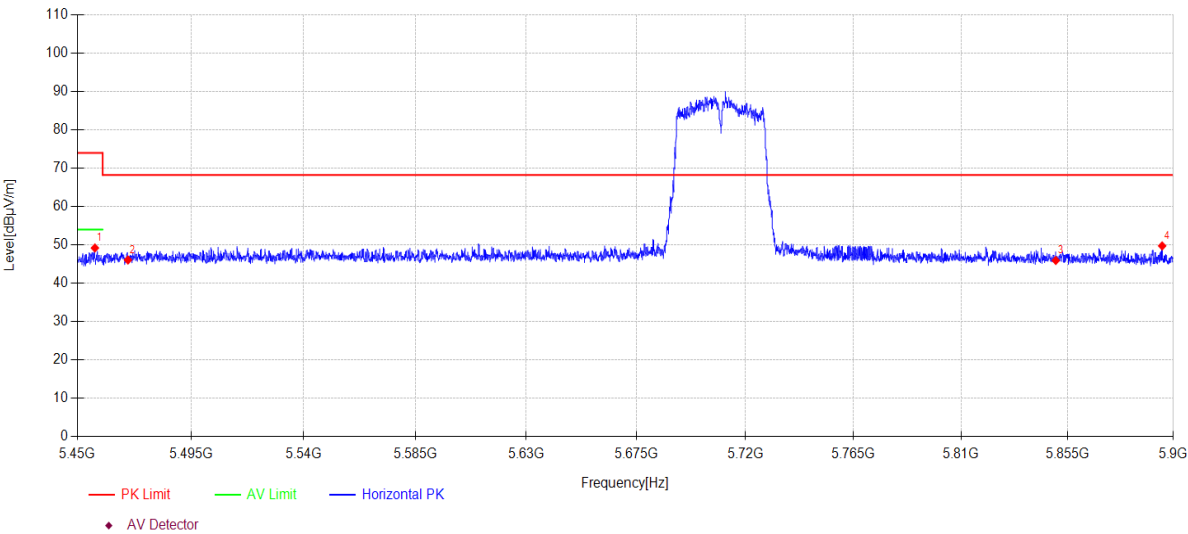
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Memo:

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	5456.93	10.47	33.00	5.74	0.00	49.21	74.00	24.79	PK	Horizontal
2	5470.00	7.33	33.00	5.75	0.00	46.08	68.20	22.12	PK	Horizontal
3	5850.00	6.00	34.00	5.94	0.00	45.94	68.20	22.26	PK	Horizontal
4	5895.23	9.69	34.09	5.96	0.00	49.74	68.20	18.46	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC40 TX 5710MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

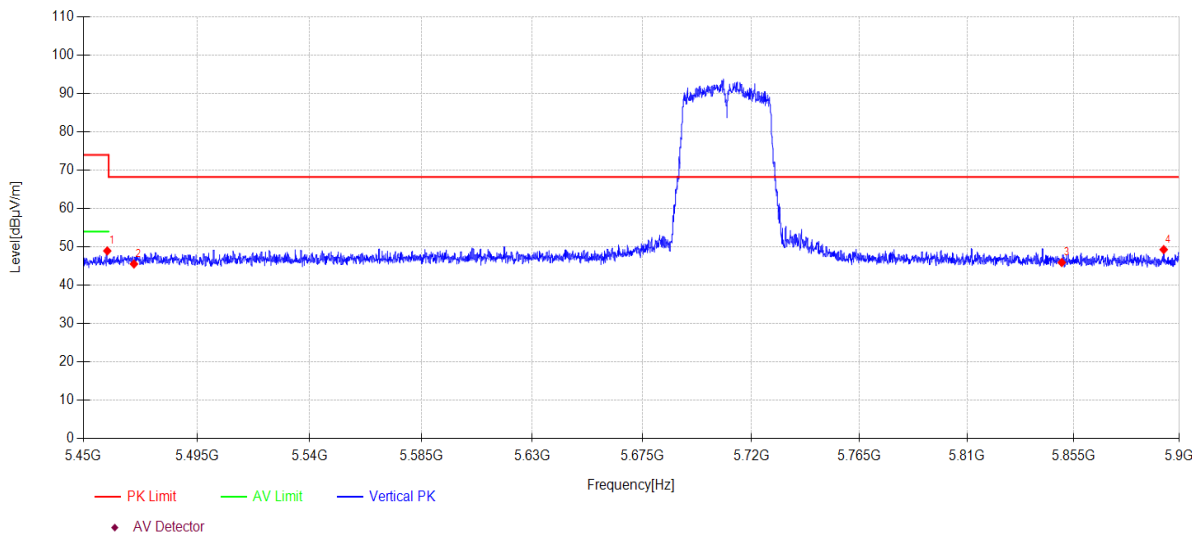
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Memo:

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	5459.45	10.22	33.00	5.74	0.00	48.96	74.00	25.04	PK	Vertical
2	5470.00	6.81	33.00	5.75	0.00	45.56	68.20	22.64	PK	Vertical
3	5850.00	5.99	34.00	5.94	0.00	45.93	68.20	22.27	PK	Vertical
4	5893.34	9.25	34.09	5.96	0.00	49.30	68.20	18.90	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 5690MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

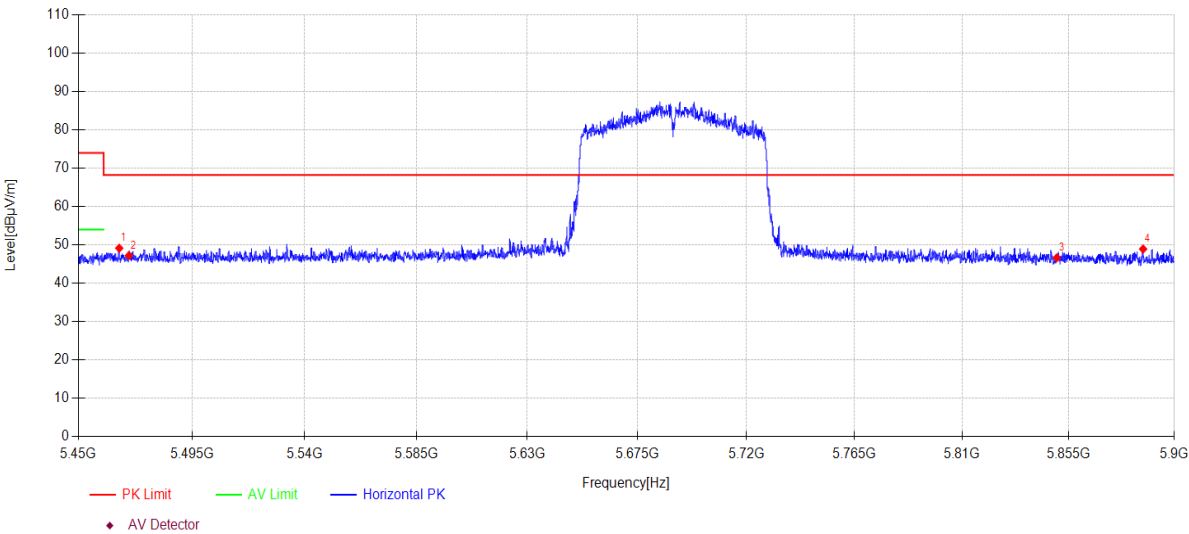
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Memo:

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	5466.16	10.41	33.00	5.74	0.00	49.15	68.20	19.05	PK	Horizontal
2	5470.00	8.48	33.00	5.75	0.00	47.23	68.20	20.97	PK	Horizontal
3	5850.00	6.70	34.00	5.94	0.00	46.64	68.20	21.56	PK	Horizontal
4	5886.68	8.91	34.07	5.95	0.00	48.93	68.20	19.27	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 5690MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

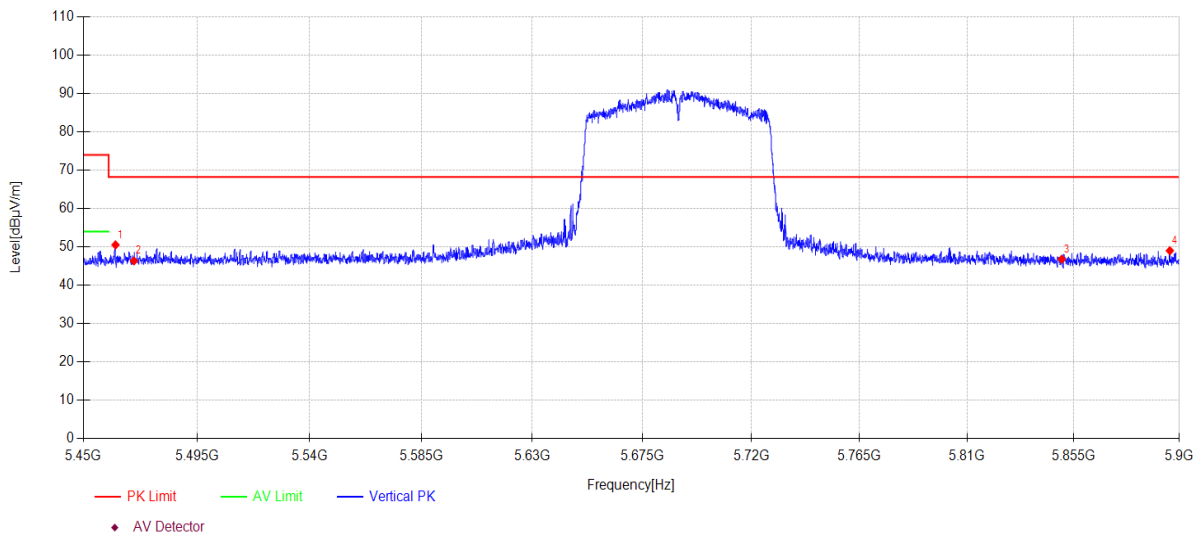
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Memo:

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	5462.69	11.78	33.00	5.74	0.00	50.52	68.20	17.68	PK	Vertical
2	5470.00	7.61	33.00	5.75	0.00	46.36	68.20	21.84	PK	Vertical
3	5850.00	6.86	34.00	5.94	0.00	46.80	68.20	21.40	PK	Vertical
4	5895.95	8.96	34.09	5.96	0.00	49.01	68.20	19.19	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 5745MHz

Power Supply:DC 5V

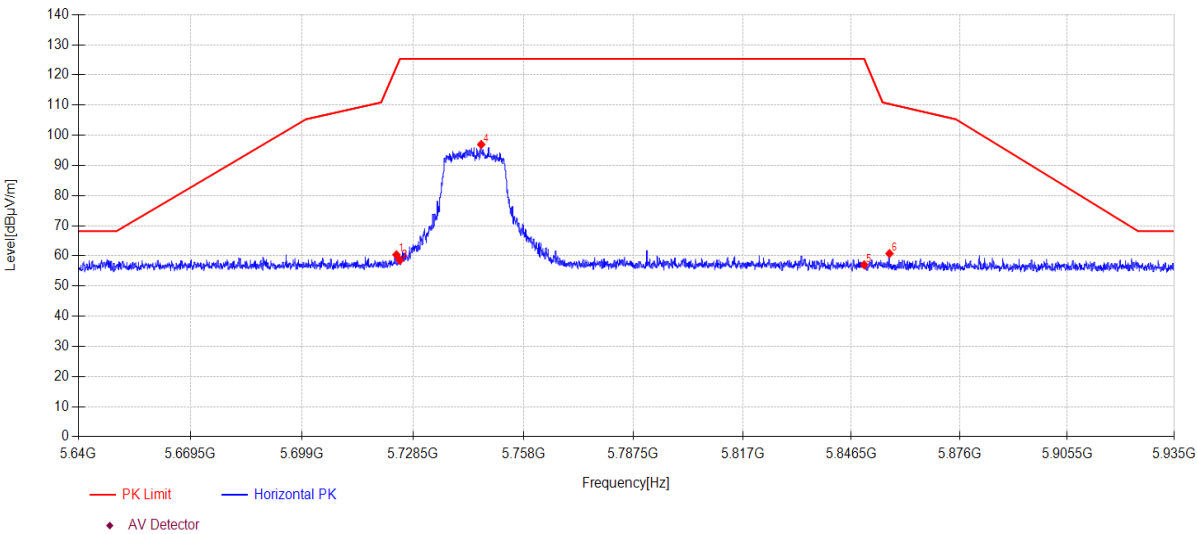
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Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\13

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	5724.08	20.77	33.74	5.87	0.00	60.38	122.64	62.26	PK	Horizontal
2	5725.00	18.94	33.75	5.87	0.00	58.56	125.30	66.74	PK	Horizontal
3	5725.00	18.94	33.75	5.87	0.00	58.56	125.30	66.74	PK	Horizontal
4	5746.70	57.18	33.88	5.88	0.00	96.94	125.30	28.36	PK	Horizontal
5	5850.00	17.11	34.00	5.94	0.00	57.05	125.27	68.22	PK	Horizontal
6	5856.88	20.81	34.01	5.94	0.00	60.76	110.37	49.61	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 5745MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

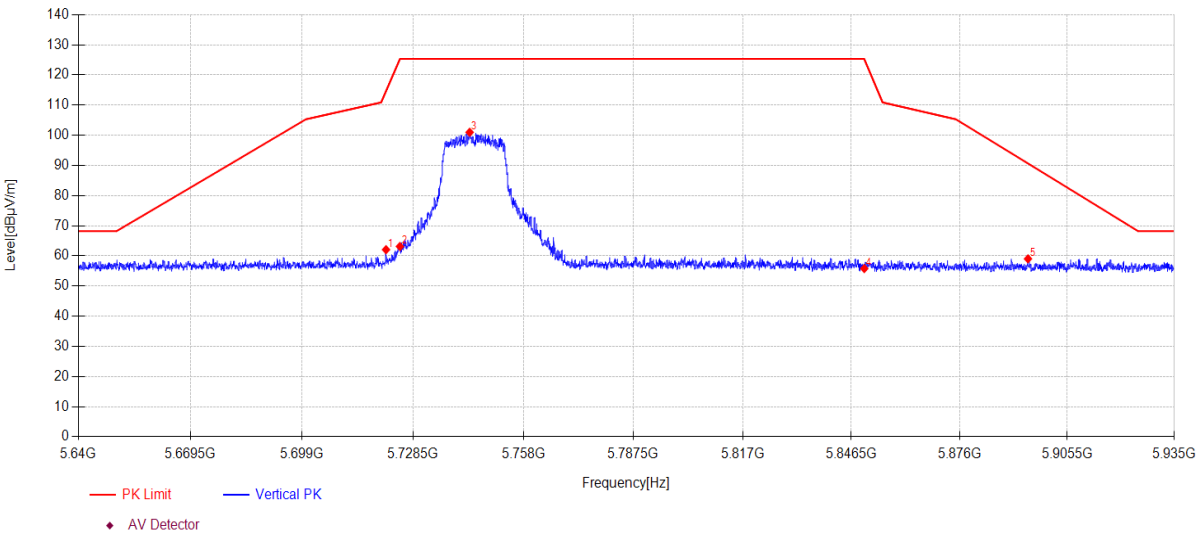
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Memo:

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	5721.30	22.46	33.73	5.87	0.00	62.06	114.65	52.59	PK	Vertical
2	5725.00	23.50	33.75	5.87	0.00	63.12	125.30	62.18	PK	Vertical
3	5743.60	61.26	33.86	5.88	0.00	101.00	125.30	24.30	PK	Vertical
4	5850.00	15.86	34.00	5.94	0.00	55.80	125.27	69.47	PK	Vertical
5	5894.73	18.97	34.09	5.96	0.00	59.02	90.66	31.64	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 5785MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

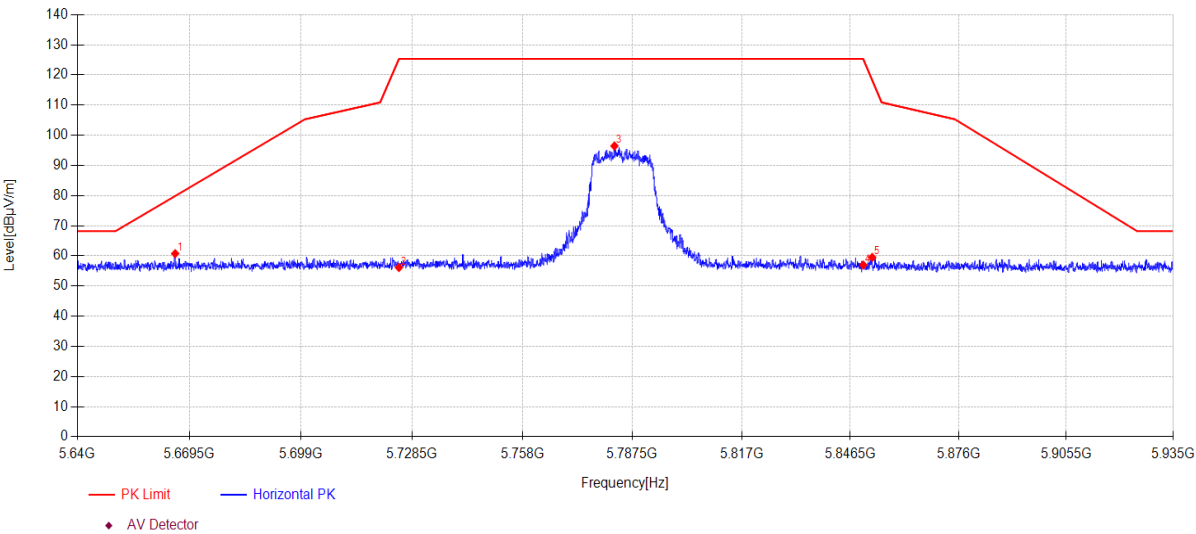
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Memo:

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	5665.72	21.44	33.46	5.84	0.00	60.74	79.87	19.13	PK	Horizontal
2	5725.00	16.53	33.75	5.87	0.00	56.15	125.30	69.15	PK	Horizontal
3	5782.69	56.45	34.10	5.90	0.00	96.45	125.30	28.85	PK	Horizontal
4	5850.00	17.01	34.00	5.94	0.00	56.95	125.27	68.32	PK	Horizontal
5	5852.46	19.56	34.00	5.94	0.00	59.50	118.22	58.72	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11A TX 5785MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

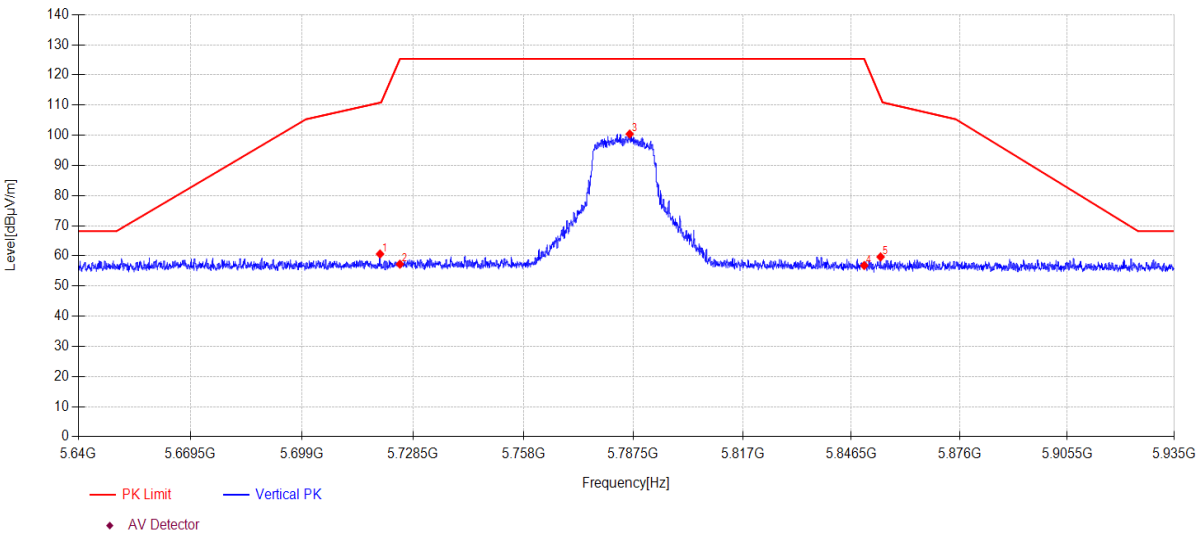
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Memo:

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	5719.71	21.04	33.72	5.87	0.00	60.63	110.82	50.19	PK	Vertical
2	5725.00	17.63	33.75	5.87	0.00	57.25	125.30	68.05	PK	Vertical
3	5786.53	60.39	34.12	5.90	0.00	100.41	125.30	24.89	PK	Vertical
4	5850.00	16.87	34.00	5.94	0.00	56.81	125.27	68.46	PK	Vertical
5	5854.47	19.71	34.01	5.94	0.00	59.66	112.44	52.78	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 5825MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

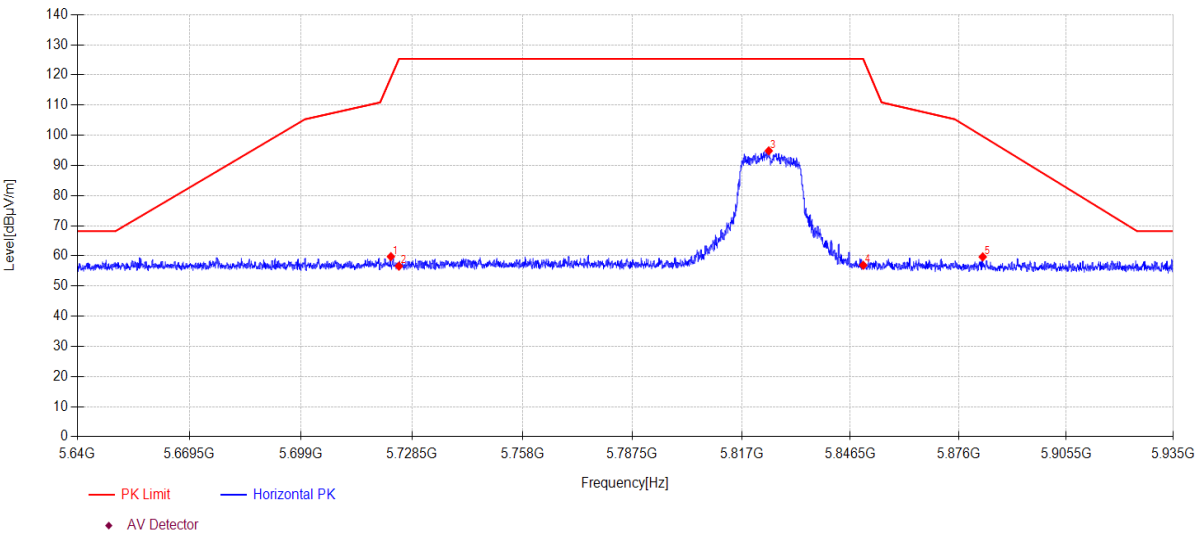
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Memo:

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	5722.87	20.15	33.74	5.87	0.00	59.76	119.15	59.39	PK	Horizontal
2	5725.00	16.97	33.75	5.87	0.00	56.59	125.30	68.71	PK	Horizontal
3	5824.35	54.82	34.10	5.92	0.00	94.84	125.30	30.46	PK	Horizontal
4	5850.00	16.96	34.00	5.94	0.00	56.90	125.27	68.37	PK	Horizontal
5	5882.61	19.65	34.07	5.95	0.00	59.67	99.65	39.98	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11A TX 5825MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

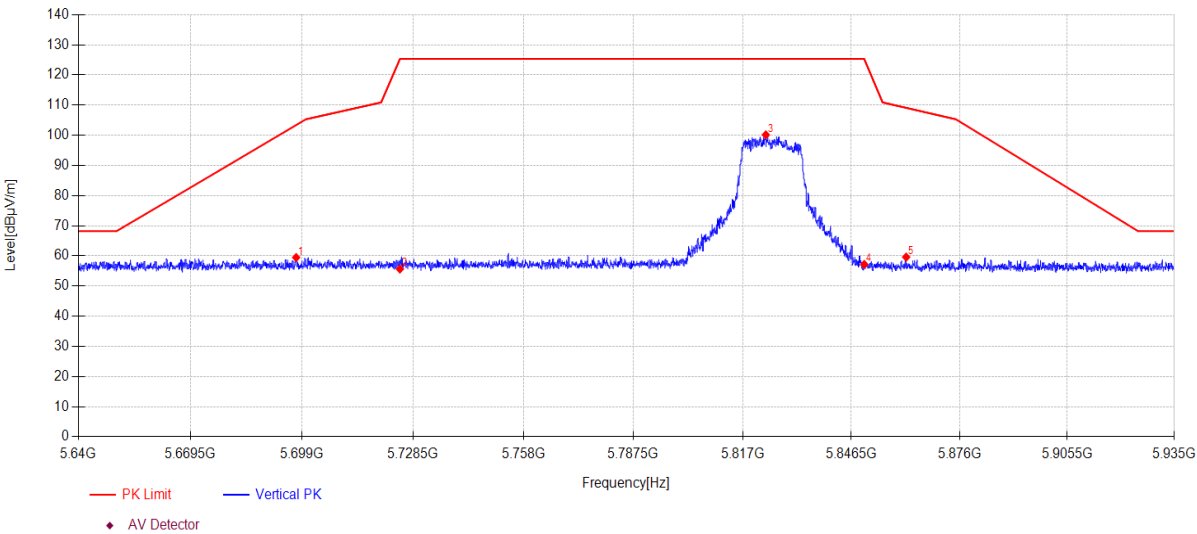
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Memo:

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	5697.44	20.01	33.59	5.86	0.00	59.46	103.40	43.94	PK	Vertical
2	5725.00	16.02	33.75	5.87	0.00	55.64	125.30	69.66	PK	Vertical
3	5823.28	60.10	34.11	5.92	0.00	100.13	125.30	25.17	PK	Vertical
4	5850.00	17.24	34.00	5.94	0.00	57.18	125.27	68.09	PK	Vertical
5	5861.43	19.63	34.02	5.94	0.00	59.59	109.10	49.51	PK	Vertical

Note:

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

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

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

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

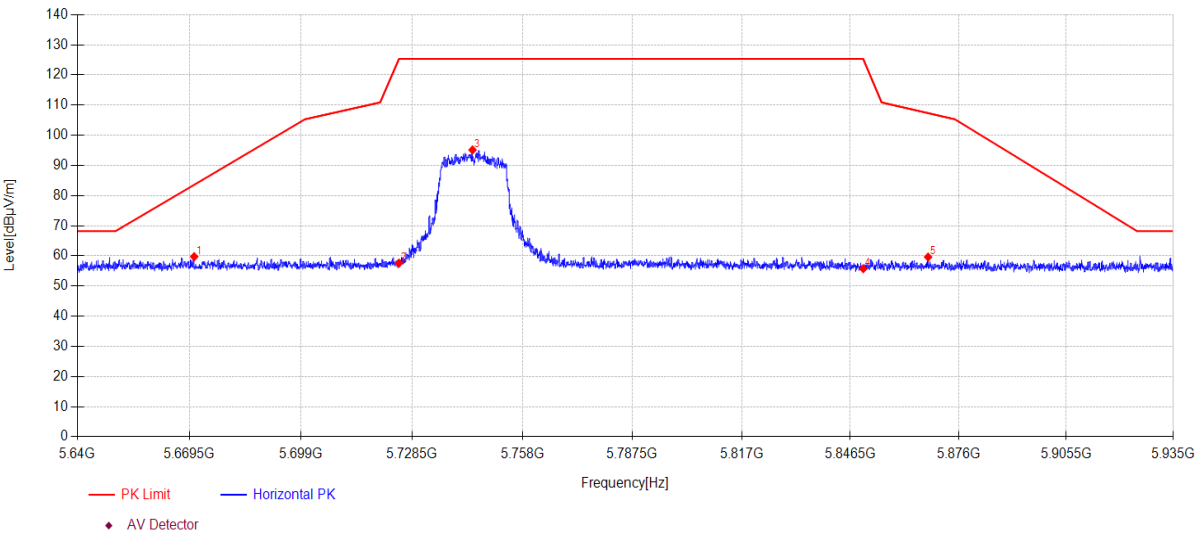
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Memo:

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	5670.74	20.42	33.48	5.85	0.00	59.75	83.59	23.84	PK	Horizontal
2	5725.00	17.97	33.75	5.87	0.00	57.59	125.30	67.71	PK	Horizontal
3	5744.64	55.39	33.87	5.88	0.00	95.14	125.30	30.16	PK	Horizontal
4	5850.00	15.81	34.00	5.94	0.00	55.75	125.27	69.52	PK	Horizontal
5	5867.68	19.64	34.04	5.94	0.00	59.62	107.35	47.73	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:

11N20 TX 5745MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

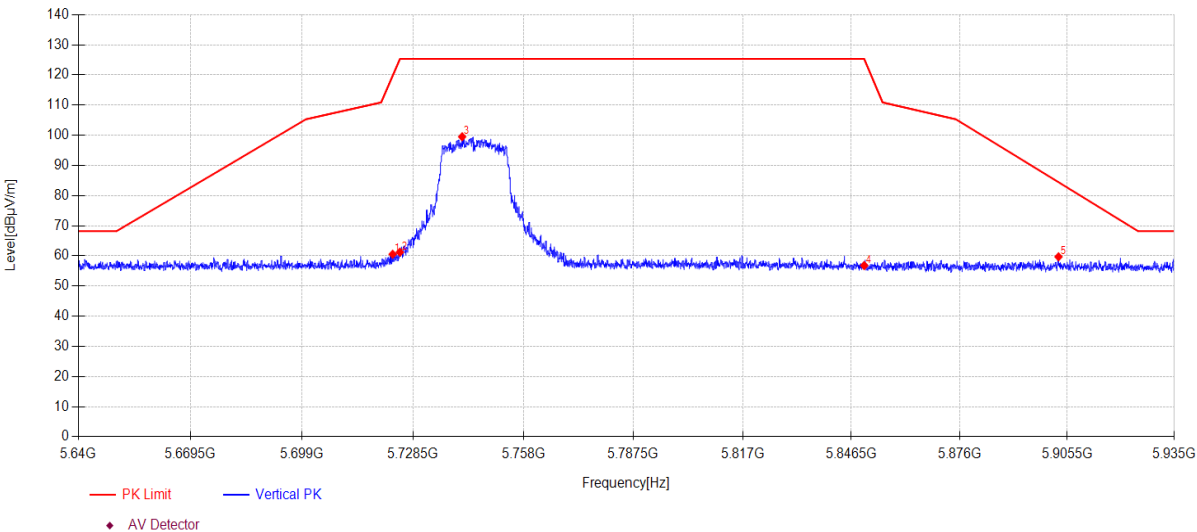
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Memo:

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	5723.07	20.94	33.74	5.87	0.00	60.55	119.75	59.20	PK	Vertical
2	5725.00	21.61	33.75	5.87	0.00	61.23	125.30	64.07	PK	Vertical
3	5741.60	59.77	33.85	5.88	0.00	99.50	125.30	25.80	PK	Vertical
4	5850.00	16.84	34.00	5.94	0.00	56.78	125.27	68.49	PK	Vertical
5	5903.11	19.62	34.11	5.96	0.00	59.69	84.44	24.75	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

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

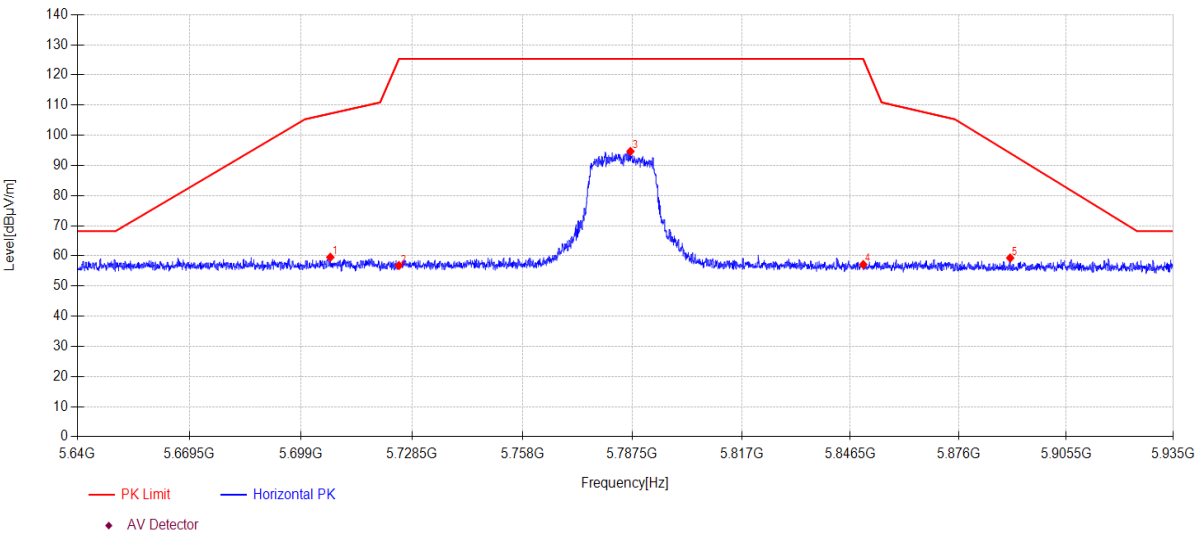
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\21

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	5706.76	20.05	33.64	5.86	0.00	59.55	107.19	47.64	PK	Horizontal
2	5725.00	17.18	33.75	5.87	0.00	56.80	125.30	68.50	PK	Horizontal
3	5787.00	54.64	34.12	5.90	0.00	94.66	125.30	30.64	PK	Horizontal
4	5850.00	17.19	34.00	5.94	0.00	57.13	125.27	68.14	PK	Horizontal
5	5890.13	19.26	34.08	5.96	0.00	59.30	94.07	34.77	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

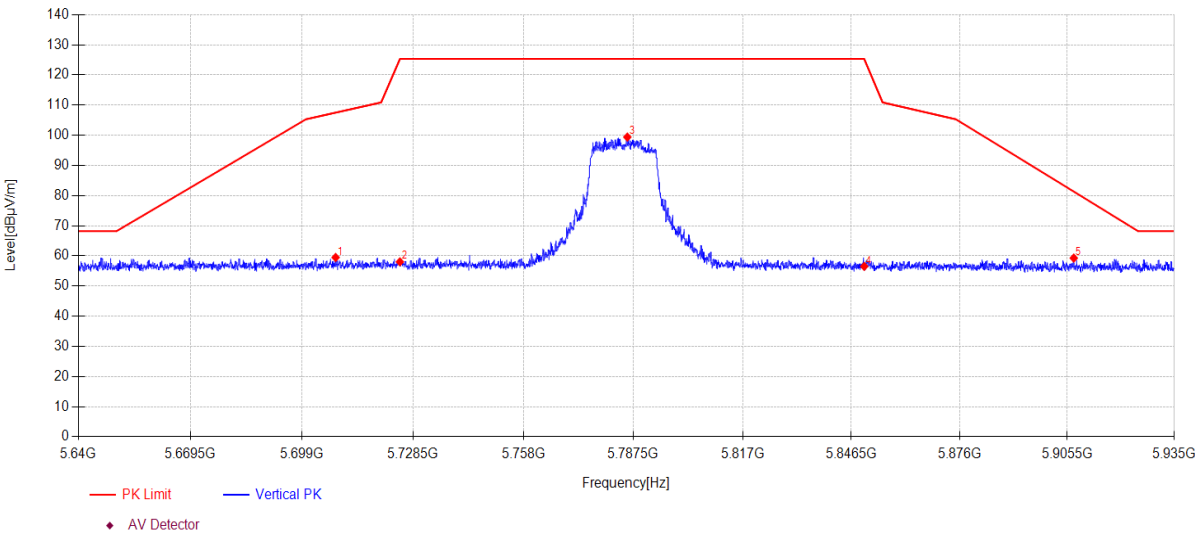
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\22

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	5707.91	19.96	33.65	5.86	0.00	59.47	107.51	48.04	PK	Vertical
2	5725.00	18.40	33.75	5.87	0.00	58.02	125.30	67.28	PK	Vertical
3	5785.88	59.38	34.12	5.90	0.00	99.40	125.30	25.90	PK	Vertical
4	5850.00	16.57	34.00	5.94	0.00	56.51	125.27	68.76	PK	Vertical
5	5907.30	19.21	34.11	5.96	0.00	59.28	81.33	22.05	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:

11N20 TX 5825MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

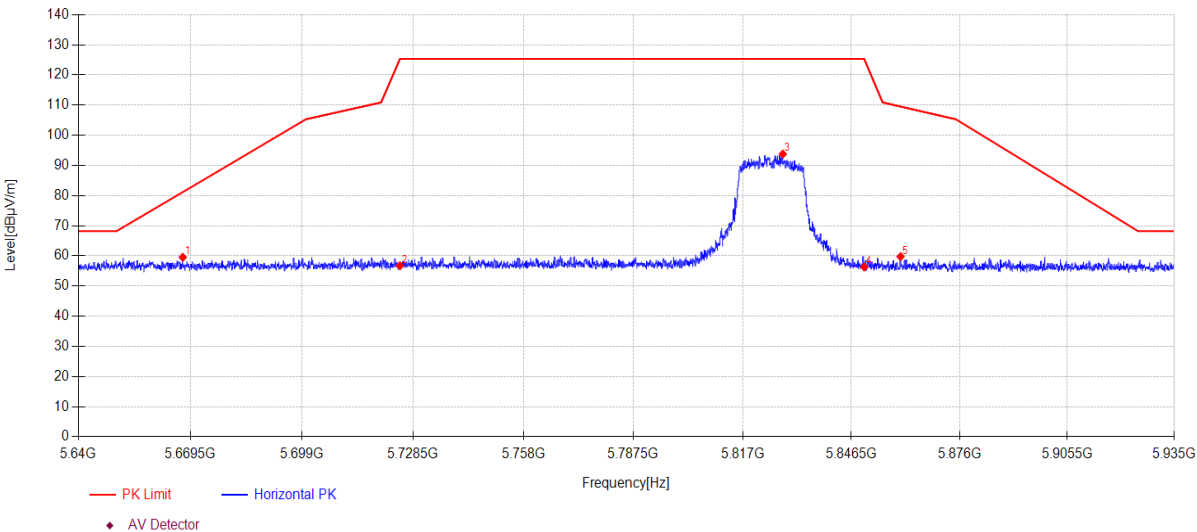
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\23

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	5667.46	20.23	33.47	5.84	0.00	59.54	81.16	21.62	PK	Horizontal
2	5725.00	17.11	33.75	5.87	0.00	56.73	125.30	68.57	PK	Horizontal
3	5827.89	53.77	34.09	5.92	0.00	93.78	125.30	31.52	PK	Horizontal
4	5850.00	16.38	34.00	5.94	0.00	56.32	125.27	68.95	PK	Horizontal
5	5859.89	19.78	34.02	5.94	0.00	59.74	109.53	49.79	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 5825MHz

Power Supply:DC 5V

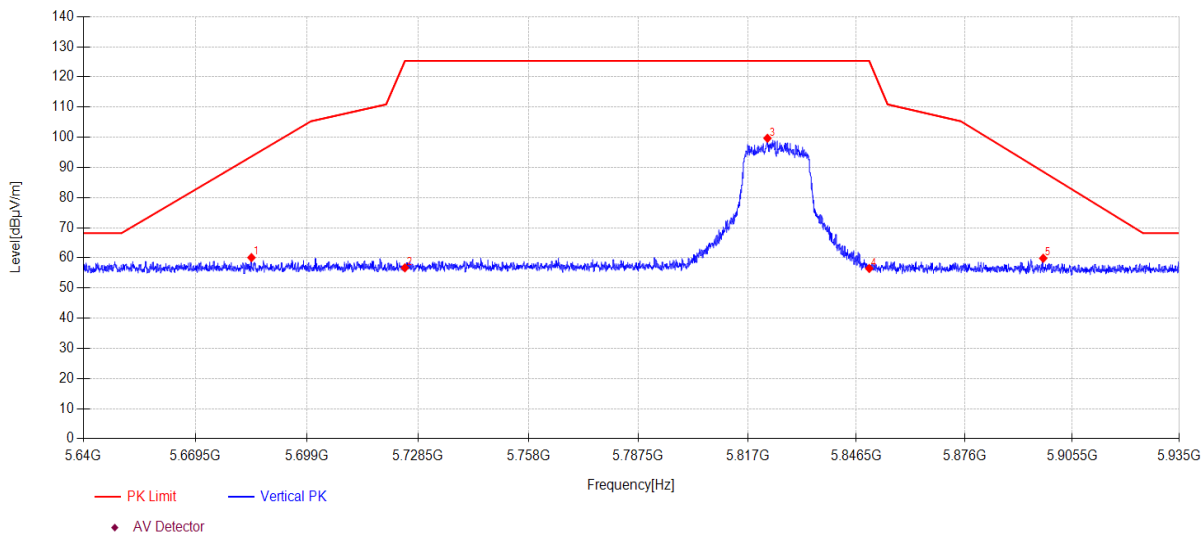
Condition:Temp:23.5°C;Humi:59.7%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\24

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	5684.28	20.70	33.54	5.85	0.00	60.09	93.64	33.55	PK	Vertical
2	5725.00	17.10	33.75	5.87	0.00	56.72	125.30	68.58	PK	Vertical
3	5822.37	59.64	34.11	5.92	0.00	99.67	125.30	25.63	PK	Vertical
4	5850.00	16.55	34.00	5.94	0.00	56.49	125.27	68.78	PK	Vertical
5	5897.54	19.81	34.10	5.96	0.00	59.87	88.58	28.71	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 5745MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

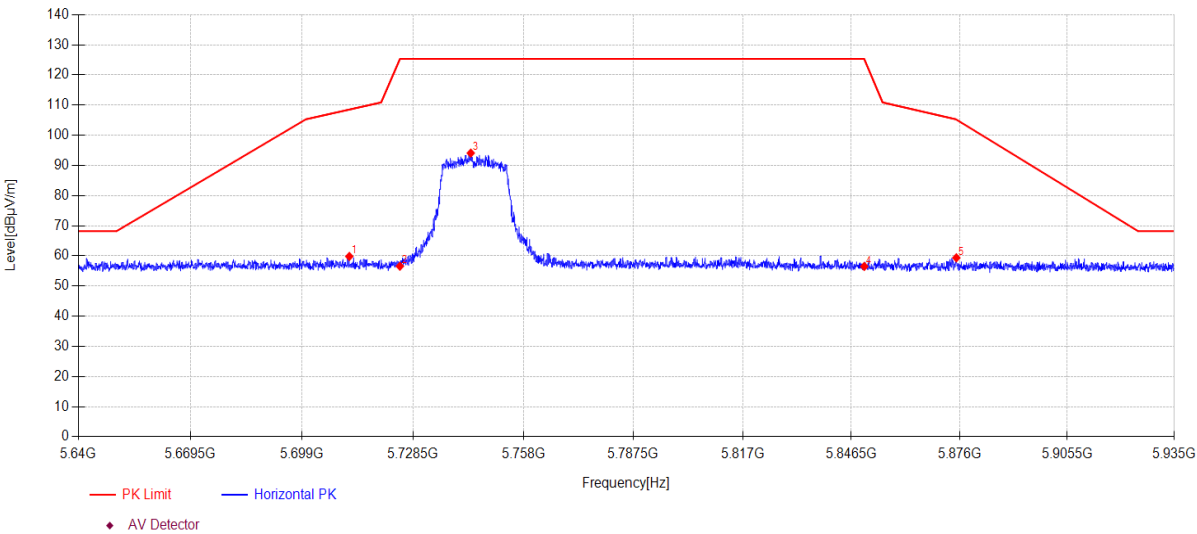
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\25

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	5711.54	20.28	33.67	5.87	0.00	59.82	108.53	48.71	PK	Horizontal
2	5725.00	16.95	33.75	5.87	0.00	56.57	125.30	68.73	PK	Horizontal
3	5743.90	54.35	33.86	5.88	0.00	94.09	125.30	31.21	PK	Horizontal
4	5850.00	16.56	34.00	5.94	0.00	56.50	125.27	68.77	PK	Horizontal
5	5875.12	19.37	34.05	5.95	0.00	59.37	105.21	45.84	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 5745MHz

Power Supply:DC 5V

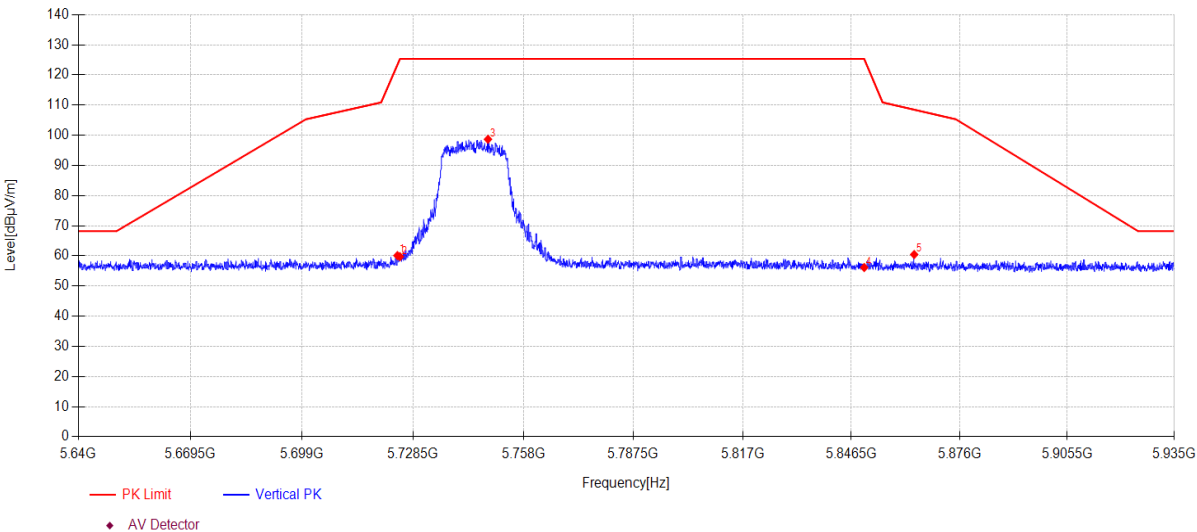
Condition:Temp:23.5°C;Humi:59.7%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\26

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	5724.34	20.47	33.75	5.87	0.00	60.09	123.40	63.31	PK	Vertical
2	5725.00	20.12	33.75	5.87	0.00	59.74	125.30	65.56	PK	Vertical
3	5748.50	58.90	33.89	5.88	0.00	98.67	125.30	26.63	PK	Vertical
4	5850.00	16.21	34.00	5.94	0.00	56.15	125.27	69.12	PK	Vertical
5	5863.61	20.49	34.03	5.94	0.00	60.46	108.49	48.03	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC20 TX 5785MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

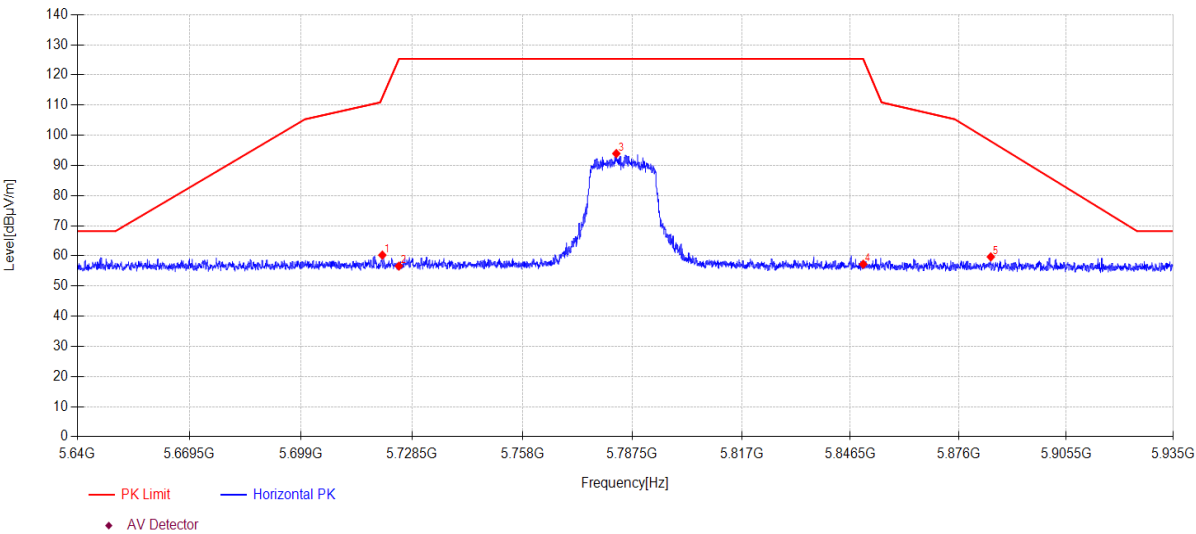
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\27

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	5720.59	20.66	33.72	5.87	0.00	60.25	112.61	52.36	PK	Horizontal
2	5725.00	16.98	33.75	5.87	0.00	56.60	125.30	68.70	PK	Horizontal
3	5783.19	53.94	34.10	5.90	0.00	93.94	125.30	31.36	PK	Horizontal
4	5850.00	17.31	34.00	5.94	0.00	57.25	125.27	68.02	PK	Horizontal
5	5884.82	19.65	34.07	5.95	0.00	59.67	98.01	38.34	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 5785MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

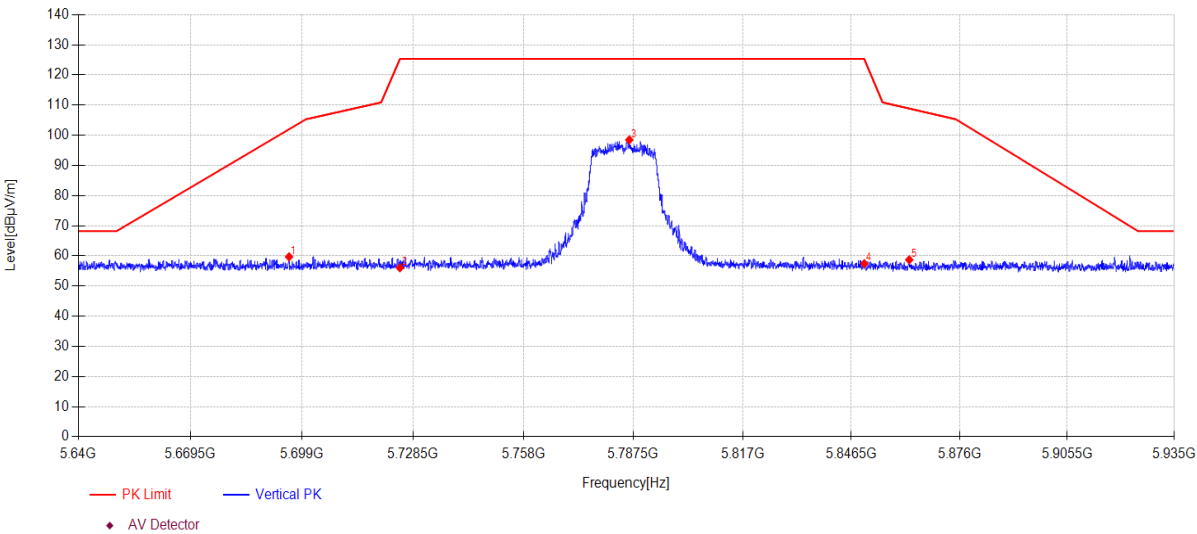
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\28

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	5695.55	20.26	33.58	5.86	0.00	59.70	102.00	42.30	PK	Vertical
2	5725.00	16.43	33.75	5.87	0.00	56.05	125.30	69.25	PK	Vertical
3	5786.41	58.45	34.12	5.90	0.00	98.47	125.30	26.83	PK	Vertical
4	5850.00	17.50	34.00	5.94	0.00	57.44	125.27	67.83	PK	Vertical
5	5862.25	18.74	34.02	5.94	0.00	58.70	108.87	50.17	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC20 TX 5825MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

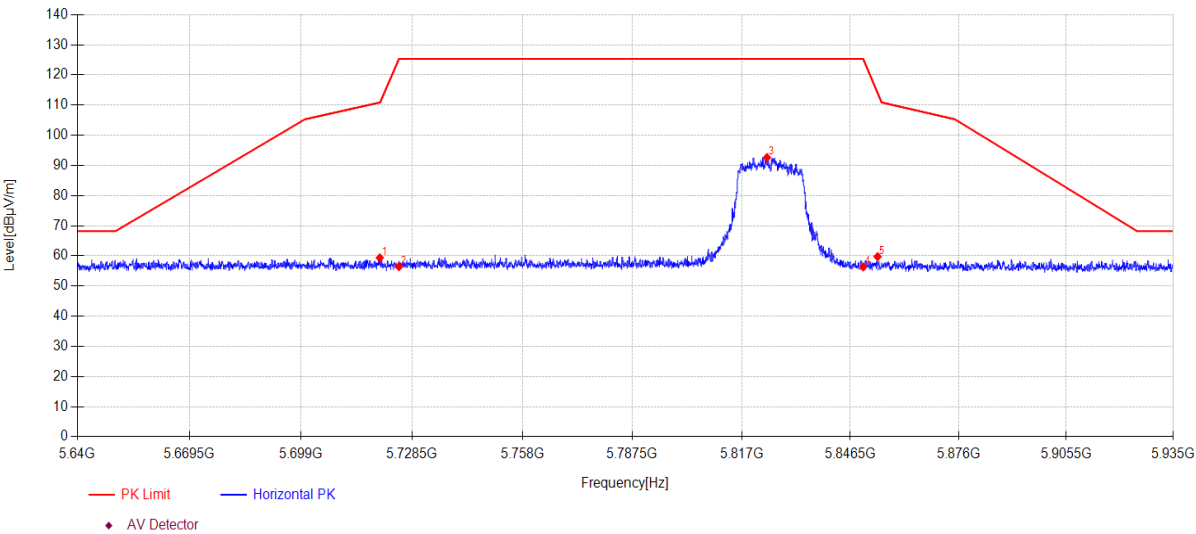
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\29

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	5719.92	19.77	33.72	5.87	0.00	59.36	110.88	51.52	PK	Horizontal
2	5725.00	16.81	33.75	5.87	0.00	56.43	125.30	68.87	PK	Horizontal
3	5823.87	52.59	34.10	5.92	0.00	92.61	125.30	32.69	PK	Horizontal
4	5850.00	16.41	34.00	5.94	0.00	56.35	125.27	68.92	PK	Horizontal
5	5853.90	19.81	34.01	5.94	0.00	59.76	114.06	54.30	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC20 TX 5825MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

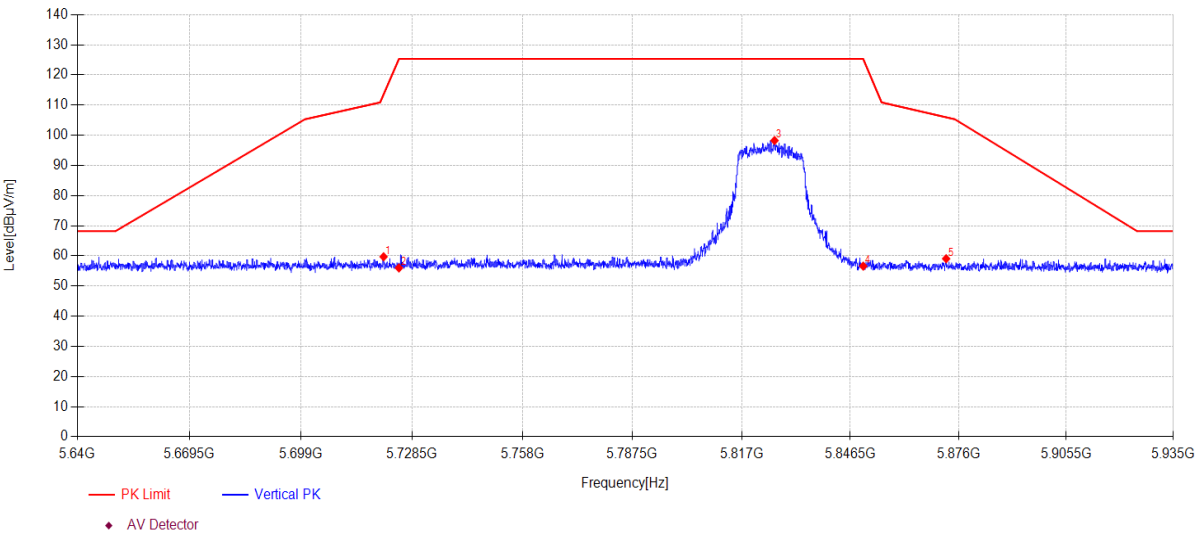
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\30

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	5720.92	20.11	33.73	5.87	0.00	59.71	113.55	53.84	PK	Vertical
2	5725.00	16.38	33.75	5.87	0.00	56.00	125.30	69.30	PK	Vertical
3	5825.91	58.23	34.10	5.92	0.00	98.25	125.30	27.05	PK	Vertical
4	5850.00	16.66	34.00	5.94	0.00	56.60	125.27	68.67	PK	Vertical
5	5872.61	19.06	34.05	5.95	0.00	59.06	105.97	46.91	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11N40 TX 5755MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

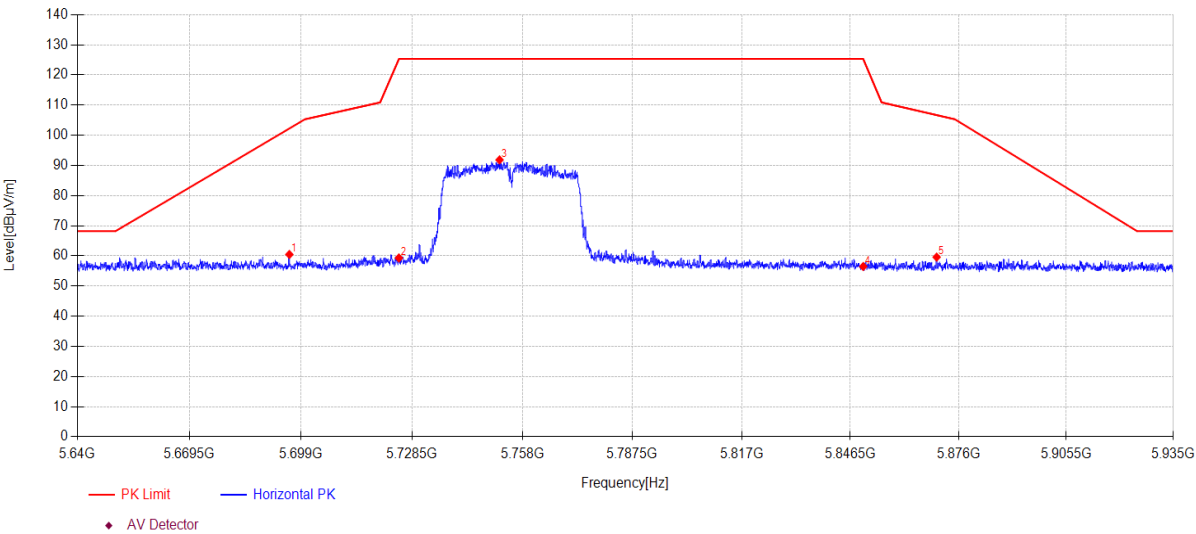
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Memo:

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	5695.90	21.02	33.58	5.86	0.00	60.46	102.26	41.80	PK	Horizontal
2	5725.00	19.69	33.75	5.87	0.00	59.31	125.30	65.99	PK	Horizontal
3	5751.86	52.03	33.91	5.89	0.00	91.83	125.30	33.47	PK	Horizontal
4	5850.00	16.54	34.00	5.94	0.00	56.48	125.27	68.79	PK	Horizontal
5	5870.01	19.60	34.04	5.95	0.00	59.59	106.70	47.11	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:

11N40 TX 5755MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

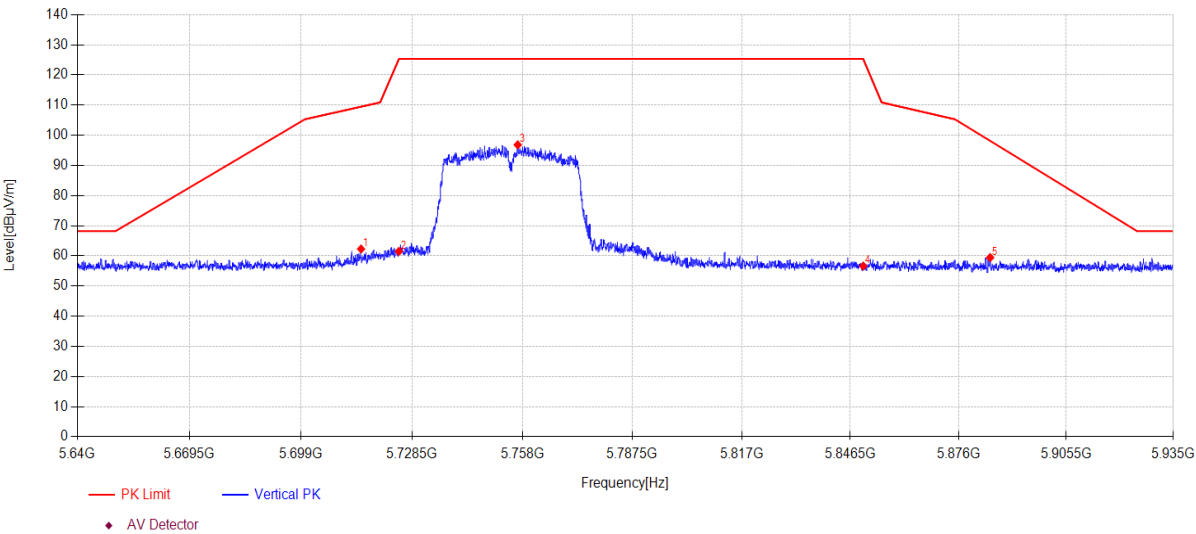
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Memo:

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	5714.93	22.73	33.69	5.87	0.00	62.29	109.48	47.19	PK	Vertical
2	5725.00	21.88	33.75	5.87	0.00	61.50	125.30	63.80	PK	Vertical
3	5756.73	57.00	33.94	5.89	0.00	96.83	125.30	28.47	PK	Vertical
4	5850.00	16.68	34.00	5.94	0.00	56.62	125.27	68.65	PK	Vertical
5	5884.64	19.41	34.07	5.95	0.00	59.43	98.14	38.71	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:

11N40 TX 5795MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

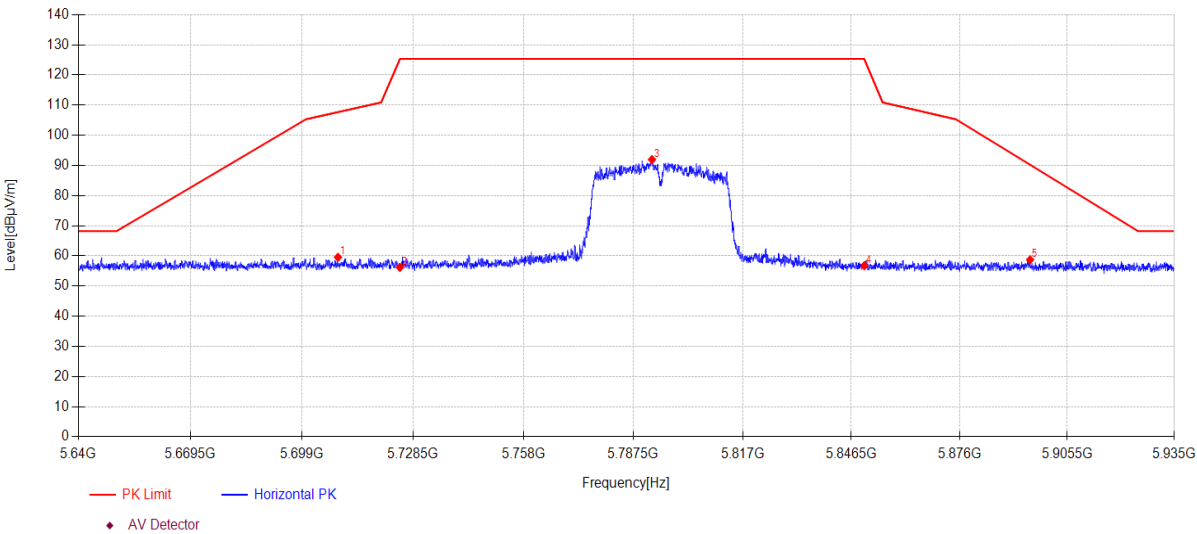
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\33

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	5708.53	20.03	33.65	5.86	0.00	59.54	107.69	48.15	PK	Horizontal
2	5725.00	16.55	33.75	5.87	0.00	56.17	125.30	69.13	PK	Horizontal
3	5792.52	51.86	34.16	5.91	0.00	91.93	125.30	33.37	PK	Horizontal
4	5850.00	16.78	34.00	5.94	0.00	56.72	125.27	68.55	PK	Horizontal
5	5895.32	18.67	34.09	5.96	0.00	58.72	90.22	31.50	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 5795MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

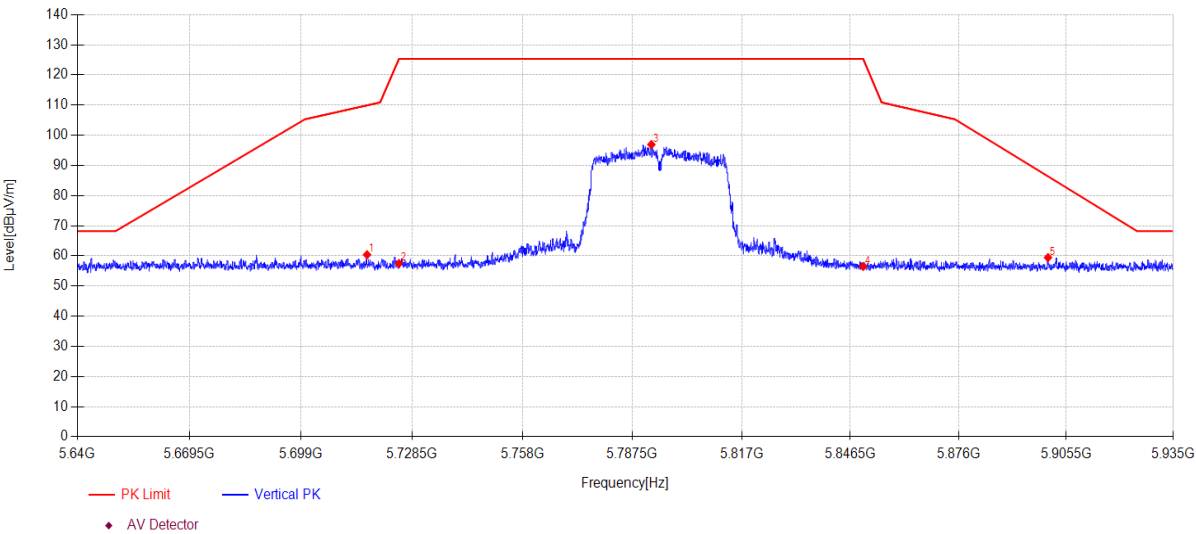
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\34

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	5716.52	20.81	33.70	5.87	0.00	60.38	109.93	49.55	PK	Vertical
2	5725.00	17.87	33.75	5.87	0.00	57.49	125.30	67.81	PK	Vertical
3	5792.63	56.85	34.16	5.91	0.00	96.92	125.30	28.38	PK	Vertical
4	5850.00	16.55	34.00	5.94	0.00	56.49	125.27	68.78	PK	Vertical
5	5900.49	19.38	34.10	5.96	0.00	59.44	86.39	26.95	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 5755MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

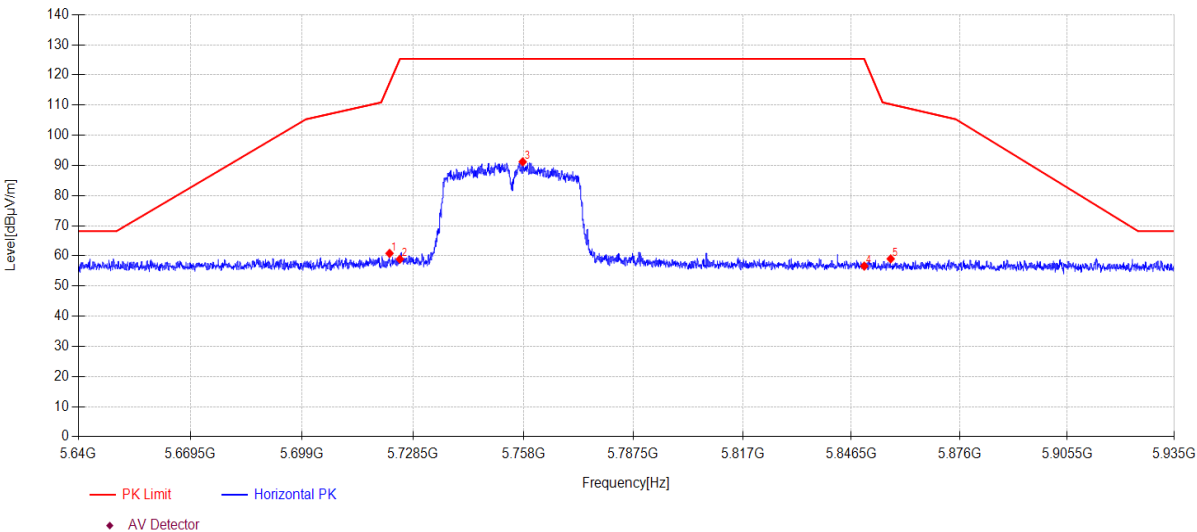
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d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\35

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	5722.25	21.24	33.73	5.87	0.00	60.84	117.37	56.53	PK	Horizontal
2	5725.00	19.28	33.75	5.87	0.00	58.90	125.30	66.40	PK	Horizontal
3	5757.79	51.35	33.95	5.89	0.00	91.19	125.30	34.11	PK	Horizontal
4	5850.00	16.67	34.00	5.94	0.00	56.61	125.27	68.66	PK	Horizontal
5	5857.21	19.07	34.01	5.94	0.00	59.02	110.28	51.26	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:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC40 TX 5755MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

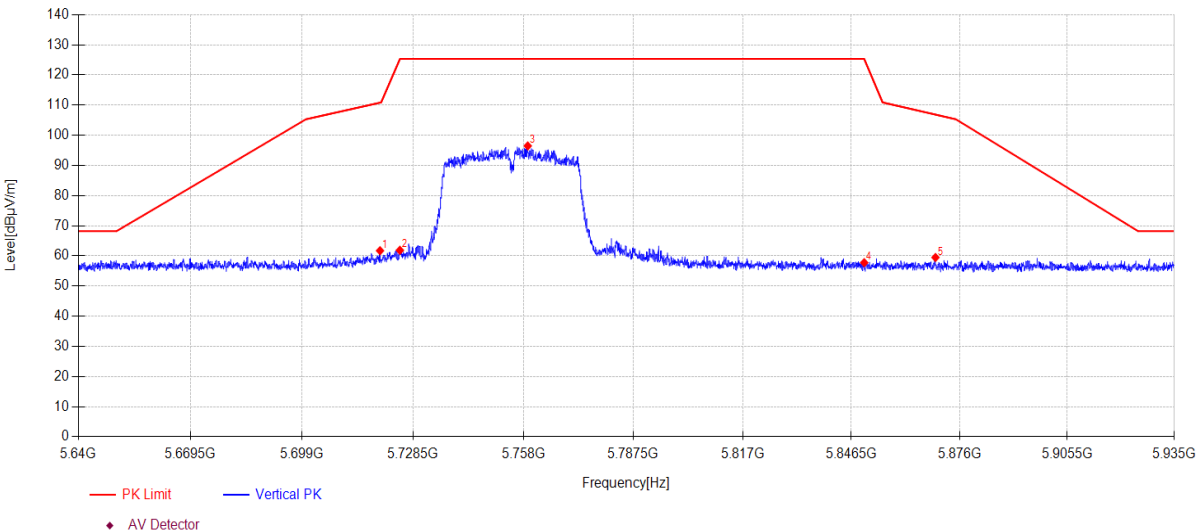
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\36

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	5719.71	22.13	33.72	5.87	0.00	61.72	110.82	49.10	PK	Vertical
2	5725.00	22.24	33.75	5.87	0.00	61.86	125.30	63.44	PK	Vertical
3	5759.15	56.63	33.95	5.89	0.00	96.47	125.30	28.83	PK	Vertical
4	5850.00	17.81	34.00	5.94	0.00	57.75	125.27	67.52	PK	Vertical
5	5869.42	19.49	34.04	5.94	0.00	59.47	106.86	47.39	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 5795MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

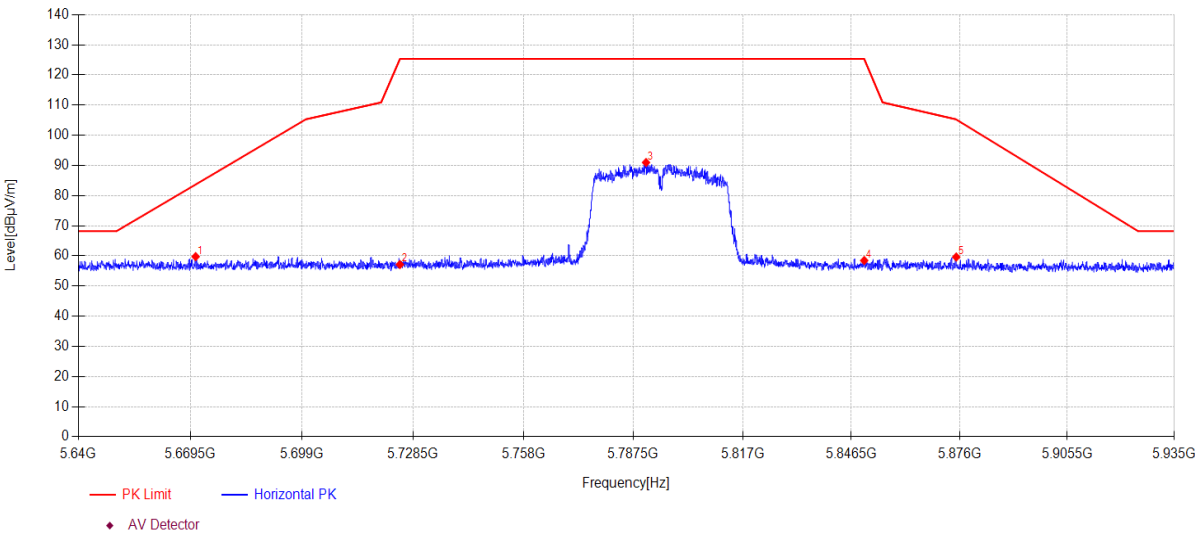
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\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	5670.86	20.43	33.48	5.85	0.00	59.76	83.68	23.92	PK	Horizontal
2	5725.00	17.51	33.75	5.87	0.00	57.13	125.30	68.17	PK	Horizontal
3	5790.92	50.91	34.15	5.91	0.00	90.97	125.30	34.33	PK	Horizontal
4	5850.00	18.53	34.00	5.94	0.00	58.47	125.27	66.80	PK	Horizontal
5	5875.09	19.62	34.05	5.95	0.00	59.62	105.24	45.62	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 5795MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

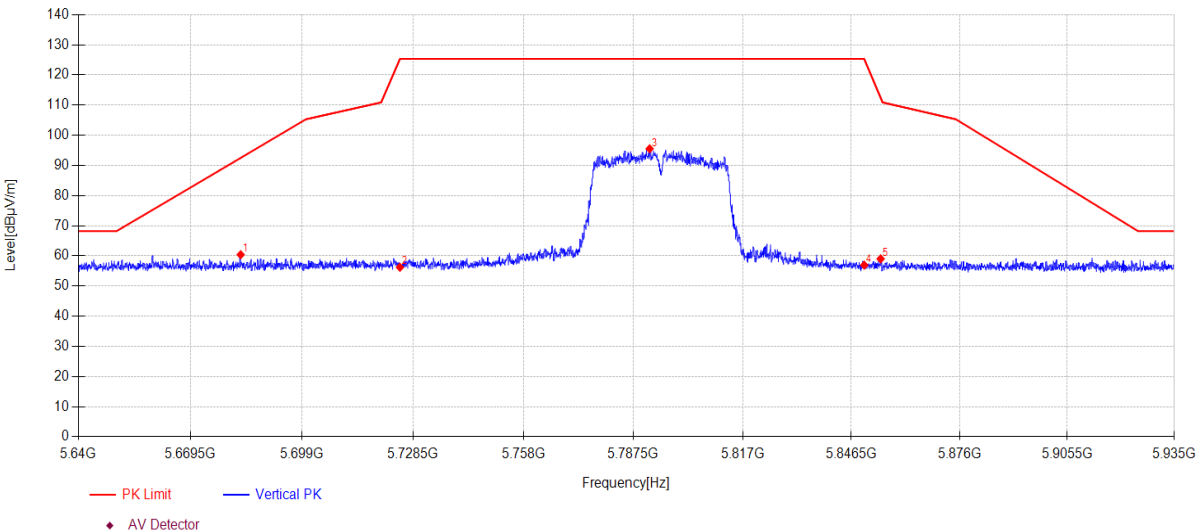
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\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	5682.75	21.02	33.53	5.85	0.00	60.40	92.50	32.10	PK	Vertical
2	5725.00	16.60	33.75	5.87	0.00	56.22	125.30	69.08	PK	Vertical
3	5791.90	55.46	34.15	5.91	0.00	95.52	125.30	29.78	PK	Vertical
4	5850.00	17.00	34.00	5.94	0.00	56.94	125.27	68.33	PK	Vertical
5	5854.47	19.08	34.01	5.94	0.00	59.03	112.44	53.41	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-03-06

Tested By:

Juchang Du

EUT:

Braille eMotion 40

Model Number:

B340T

Test Mode:

11AC80 TX 5775MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

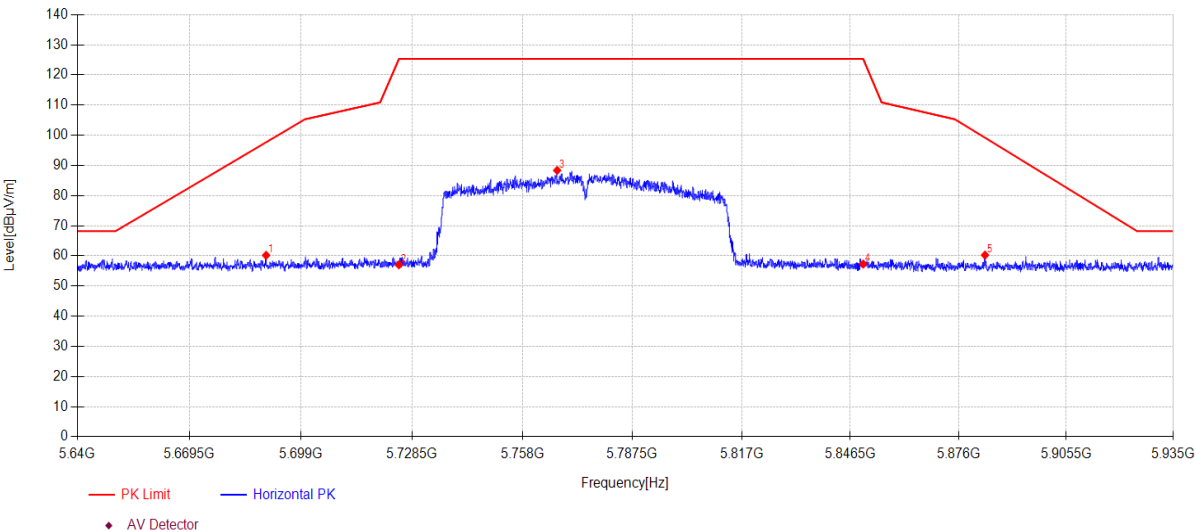
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI\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	5689.74	20.78	33.56	5.85	0.00	60.19	97.68	37.49	PK	Horizontal
2	5725.00	17.43	33.75	5.87	0.00	57.05	125.30	68.25	PK	Horizontal
3	5767.29	48.46	34.00	5.89	0.00	88.35	125.30	36.95	PK	Horizontal
4	5850.00	17.34	34.00	5.94	0.00	57.28	125.27	67.99	PK	Horizontal
5	5883.23	20.24	34.07	5.95	0.00	60.26	99.20	38.94	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 5775MHz

Power Supply:

DC 5V

Condition:

Temp:23.5°C;Humi:59.7%

Test Site:

DDT 3# Chamber

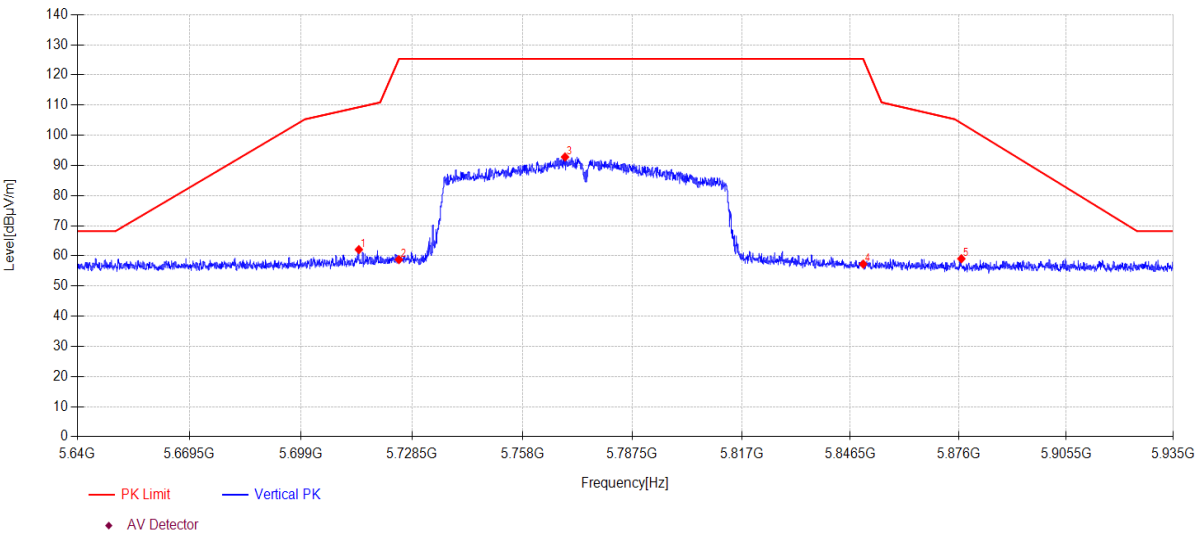
File Path:

d:\ts\2024 report data\Q23110312-2E\FCC ABOVE 1G 5.8GWIFI40

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	5714.34	22.52	33.69	5.87	0.00	62.08	109.32	47.24	PK	Vertical
2	5725.00	19.14	33.75	5.87	0.00	58.76	125.30	66.54	PK	Vertical
3	5769.42	52.88	34.02	5.89	0.00	92.79	125.30	32.51	PK	Vertical
4	5850.00	17.35	34.00	5.94	0.00	57.29	125.27	67.98	PK	Vertical
5	5876.77	19.06	34.05	5.95	0.00	59.06	103.99	44.93	PK	Vertical

Note:

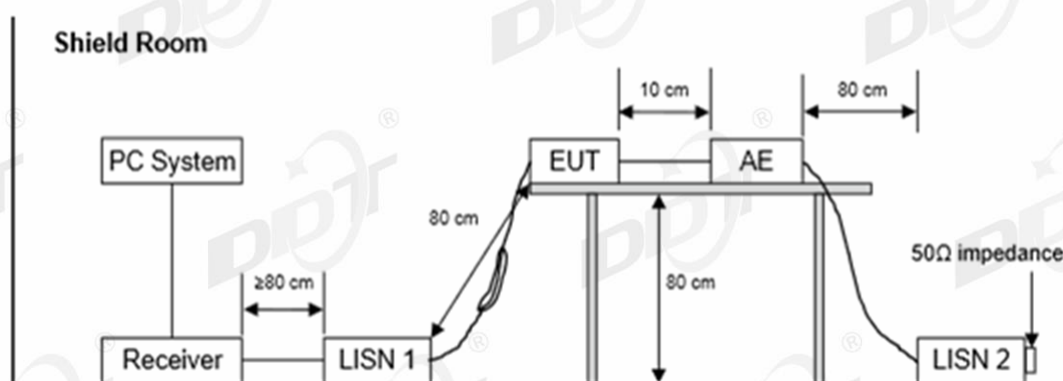
- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

15.Power Line Conducted Emissions

15.1. Test equipment

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

15.2. Block diagram of test setup



15.3. Limits

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

5 MHz~30 MHz	60	50
--------------	----	----

Note 1: * Decreasing linearly with logarithm of frequency.

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

15.4. 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

15.5. Test procedure

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

All support equipment power received from a second LISN.

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

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

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

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

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

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

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

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

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

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

The bandwidth of test receiver is set at 9 kHz.

15.6. Test result

PASS. (See below detailed test result)

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

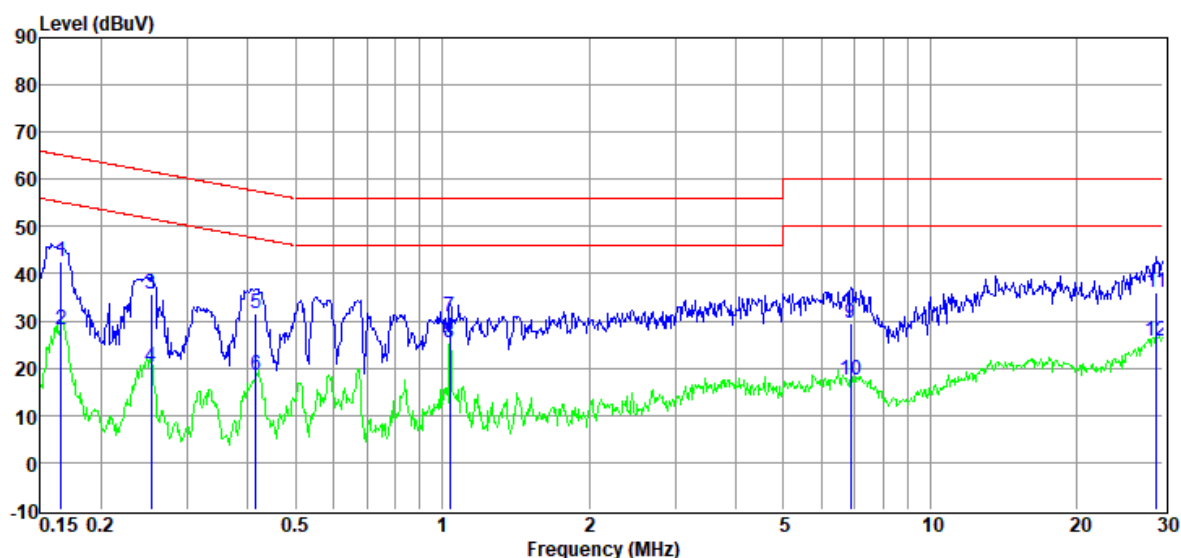
Note2: “----” means Peak detection; “----” means Average detection.

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

15.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room **D:\2024 CE report data\Q23110312-2E\FCC CE.EM6**
Test Date : 2024-02-18 **Tested By** : Junchang Du
EUT : Braille eMotion 40 **Model Number** : B340T
Power Supply : AC 120V/60Hz **Test Mode** : 5G WIFI mode
Condition : TEMP:22.2°C, RH:57.5% **LISN** : 2023 1# ENV216/NEUTRAL
Memo : Sample Number:S23110312-02



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.17	22.20	9.88	0.92	9.68	42.68	65.16	-22.48	QP	NEUTRAL
2	0.17	7.73	9.88	0.92	9.68	28.21	55.16	-26.95	Average	NEUTRAL
3	0.25	15.54	9.75	0.89	9.69	35.87	61.64	-25.77	QP	NEUTRAL
4	0.25	-0.10	9.75	0.89	9.69	20.23	51.64	-31.41	Average	NEUTRAL
5	0.41	11.30	9.73	0.85	9.71	31.59	57.55	-25.96	QP	NEUTRAL
6	0.41	-1.68	9.73	0.85	9.71	18.61	47.55	-28.94	Average	NEUTRAL
7	1.04	10.69	9.75	0.67	9.73	30.84	56.00	-25.16	QP	NEUTRAL
8	1.04	5.25	9.75	0.67	9.73	25.40	46.00	-20.60	Average	NEUTRAL
9	6.88	9.53	9.82	0.45	9.81	29.61	60.00	-30.39	QP	NEUTRAL
10	6.88	-2.65	9.82	0.45	9.81	17.43	50.00	-32.57	Average	NEUTRAL
11	29.06	15.65	10.10	0.53	9.91	36.19	60.00	-23.81	QP	NEUTRAL
12	29.06	5.03	10.10	0.53	9.91	25.57	50.00	-24.43	Average	NEUTRAL

Note:

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

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 1# Shield Room

Test Date

: 2024-02-18

EUT

: Braille eMotion 40

Power Supply

: AC 120V/60Hz

Condition

: TEMP:22.2°C, RH:57.5%

Memo

: Sample Number:S23110312-02

D:\2024 CE report data\Q23110312-2E\FCC CE.EM6

Tested By

: Junchang Du

Model Number

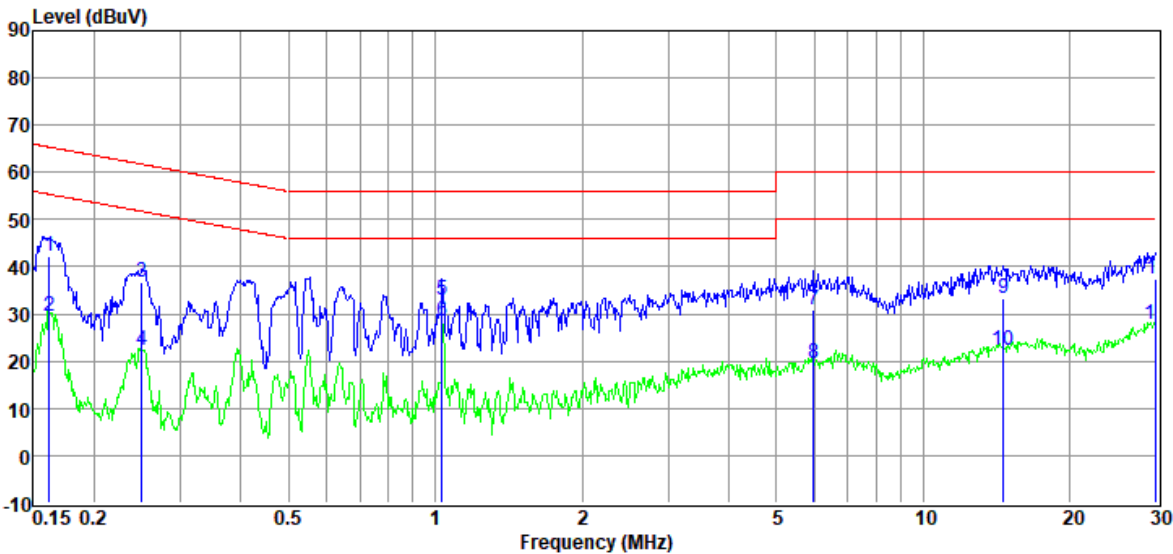
: B340T

Test Mode

: 5G WIFI mode

LISN

: 2023 1# ENV216/LINE



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.16	22.01	9.78	0.92	9.68	42.39	65.38	-22.99	QP	LINE
2	0.16	9.06	9.78	0.92	9.68	29.44	55.38	-25.94	Average	LINE
3	0.25	16.18	9.82	0.89	9.69	36.58	61.73	-25.15	QP	LINE
4	0.25	1.77	9.82	0.89	9.69	22.17	51.73	-29.56	Average	LINE
5	1.03	13.09	9.64	0.67	9.73	33.13	56.00	-22.87	QP	LINE
6	1.03	8.38	9.64	0.67	9.73	28.42	46.00	-17.58	Average	LINE
7	5.96	11.03	9.70	0.48	9.80	31.01	60.00	-28.99	QP	LINE
8	5.96	-0.56	9.70	0.48	9.80	19.42	50.00	-30.58	Average	LINE
9	14.59	13.23	9.77	0.27	9.87	33.14	60.00	-26.86	QP	LINE
10	14.59	2.54	9.77	0.27	9.87	22.45	50.00	-27.55	Average	LINE
11	30.00	16.81	10.20	0.50	9.91	37.42	60.00	-22.58	QP	LINE
12	30.00	7.02	10.20	0.50	9.91	27.63	50.00	-22.37	Average	LINE

Note:

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

17. Photos of the EUT

Please refer to DDT-Q23110312-1E appendix I

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