

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AX40MIMO 5670MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

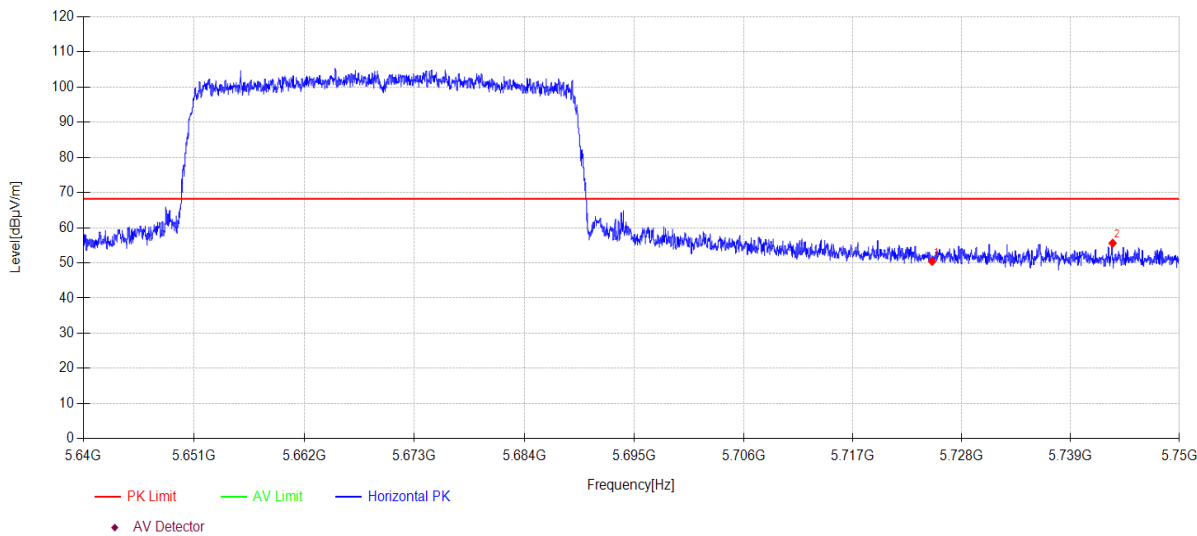
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5GWIFI\209

Memo:

Sample Number:S23111313-02 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	10.83	33.75	5.87	0.00	50.45	68.20	17.75	PK	Horizontal
2	5743.25	15.86	33.86	5.88	0.00	55.60	68.20	12.60	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:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AX40MIMO 5670MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

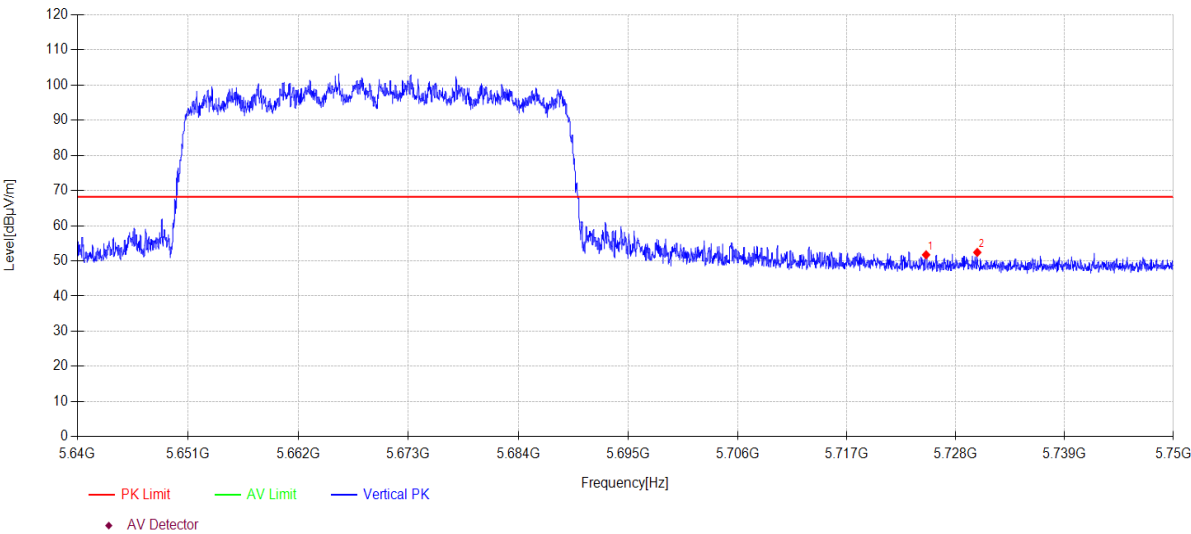
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5GWIFI\210

Memo:

Sample Number:S23111313-02 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	12.11	33.75	5.87	0.00	51.73	68.20	16.47	PK	Vertical
2	5730.17	12.76	33.78	5.88	0.00	52.42	68.20	15.78	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:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11A ANT1 5700MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

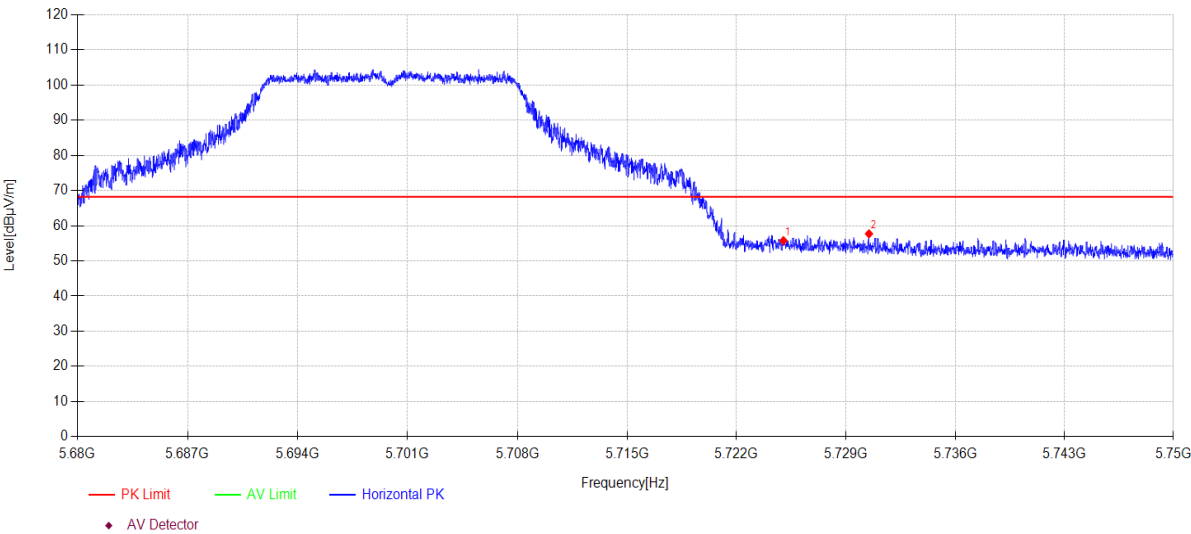
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5GWIFI\211

Memo:

Sample Number:S23111313-02 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	16.14	33.75	5.87	0.00	55.76	68.20	12.44	PK	Horizontal
2	5730.48	18.04	33.78	5.88	0.00	57.70	68.20	10.50	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:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11A ANT1 5700MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

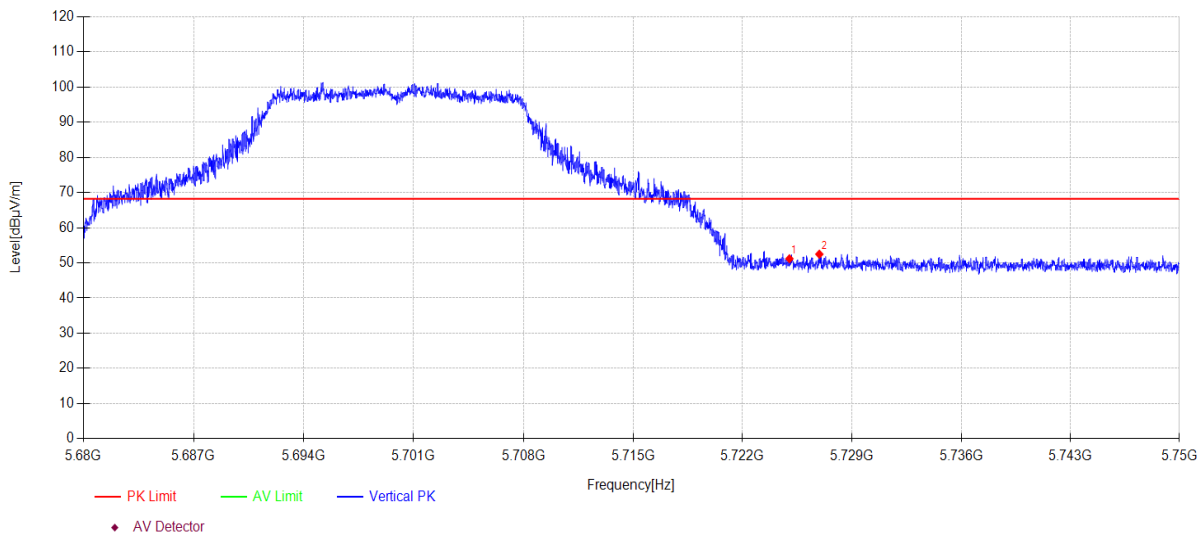
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5GWIFI\212

Memo:

Sample Number:S23111313-02 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	11.57	33.75	5.87	0.00	51.19	68.20	17.01	PK	Vertical
2	5726.91	12.84	33.76	5.87	0.00	52.47	68.20	15.73	PK	Vertical

Note:

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

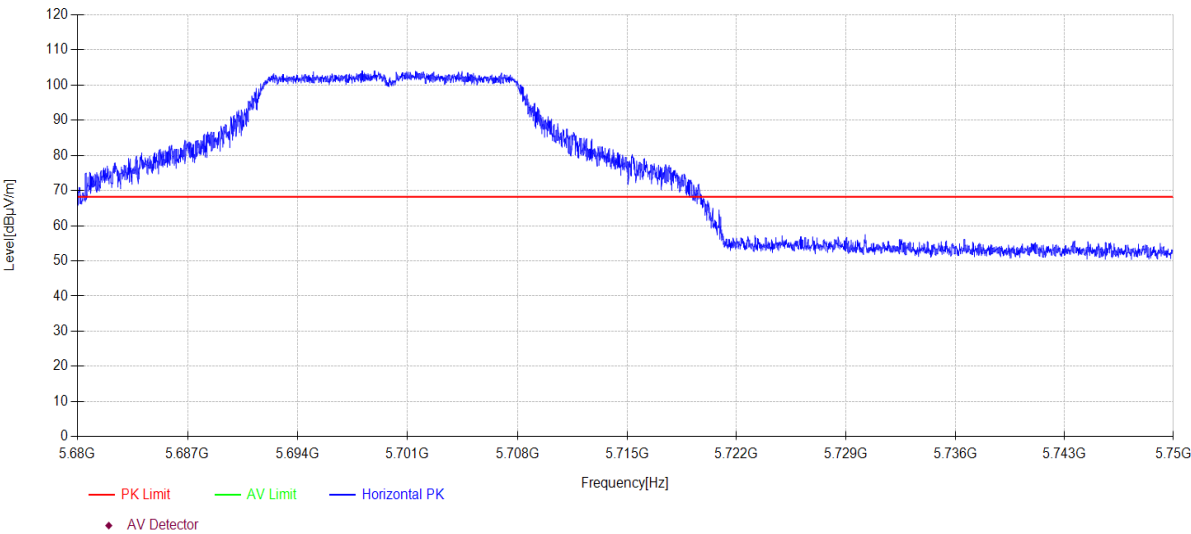
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2024-02-01	Tested By:	Bairong
EUT:	Wireless Speaker	Model Number:	CHARGE 5 Wi-Fi
Test Mode:	11A ANT2 5700MHz TX	Power Supply:	AC 120V/60Hz
Condition:	Temp:21.5°C;Humi:39.7%	Test Site:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5GWIFI\213		
Memo:	Sample Number:S23111313-02 Power Setting:15		

Test Graph

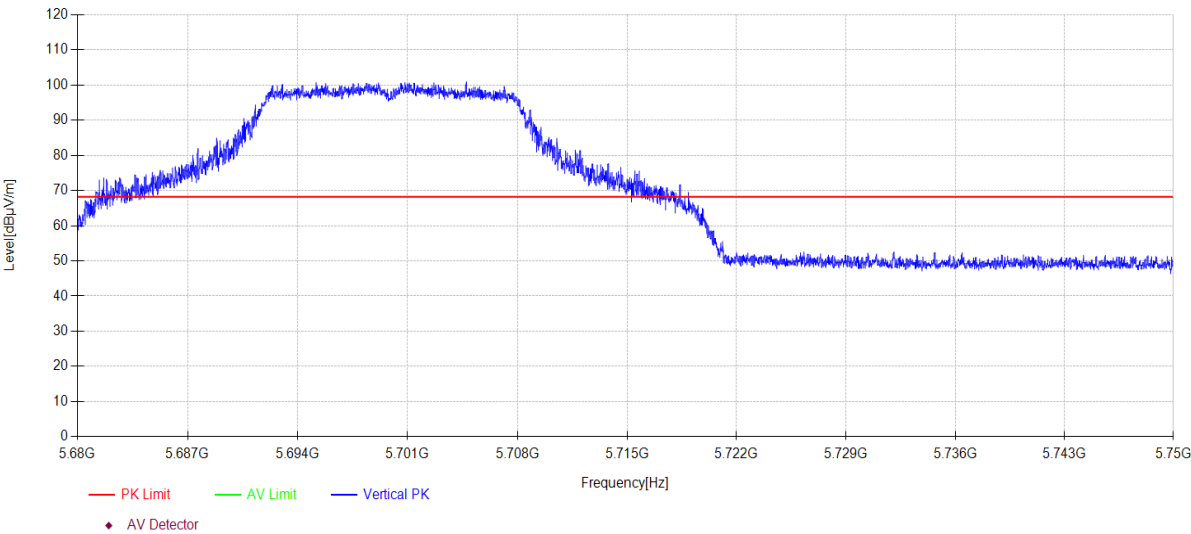


- Note:
- 1. Level = Reading + Cable loss + Antenna Factor + AMP
 - 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 - 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:	2024-02-01	Tested By:	Bairong
EUT:	Wireless Speaker	Model Number:	CHARGE 5 Wi-Fi
Test Mode:	11A ANT2 5700MHz TX	Power Supply:	AC 120V/60Hz
Condition:	Temp:21.5°C;Humi:39.7%	Test Site:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5GWIFI\214		
Memo:	Sample Number:S23111313-02 Power Setting:15		

Test Graph



- 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:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11N20MIMO 5700MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

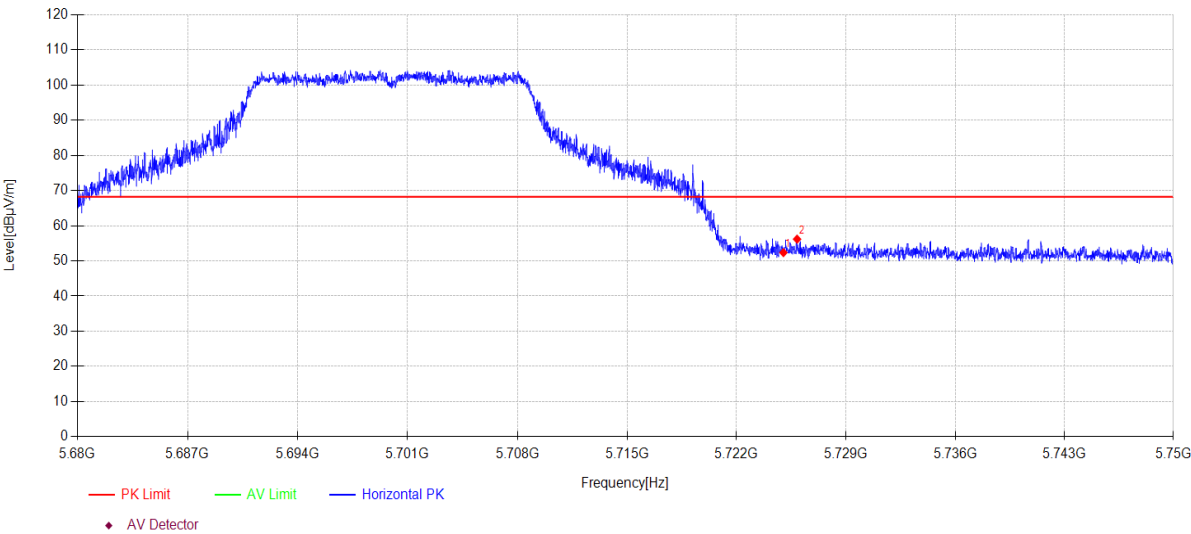
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5GWIFI\215

Memo:

Sample Number:S23111313-02 Power Setting:14

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	12.73	33.75	5.87	0.00	52.35	68.20	15.85	PK	Horizontal
2	5725.87	16.55	33.76	5.87	0.00	56.18	68.20	12.02	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:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11N20MIMO 5700MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

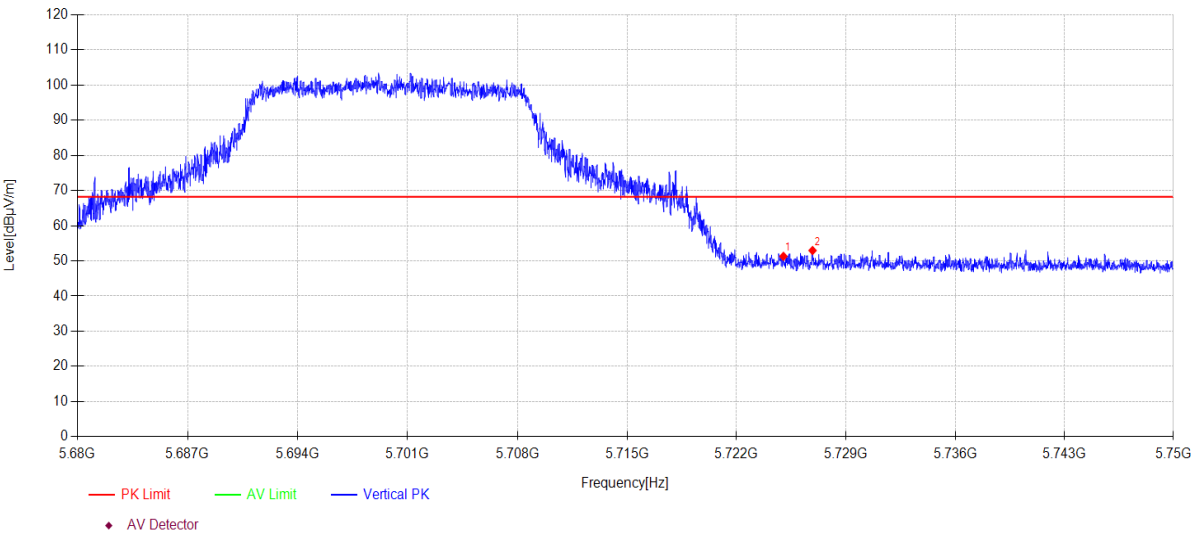
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5GWIFI\216

Memo:

Sample Number:S23111313-02 Power Setting:14

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	11.68	33.75	5.87	0.00	51.30	68.20	16.90	PK	Vertical
2	5726.87	13.33	33.76	5.87	0.00	52.96	68.20	15.24	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AC20MIMO 5700MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

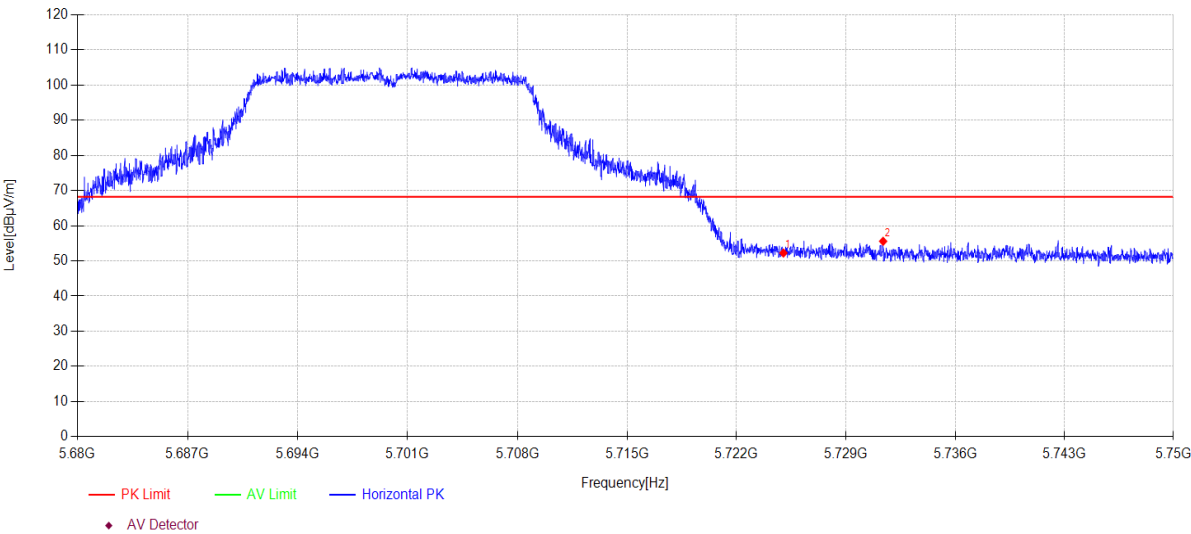
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5GWIFI\217

Memo:

Sample Number:S23111313-02 Power Setting:14

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	12.62	33.75	5.87	0.00	52.24	68.20	15.96	PK	Horizontal
2	5731.38	15.91	33.79	5.88	0.00	55.58	68.20	12.62	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:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AC20MIMO 5700MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

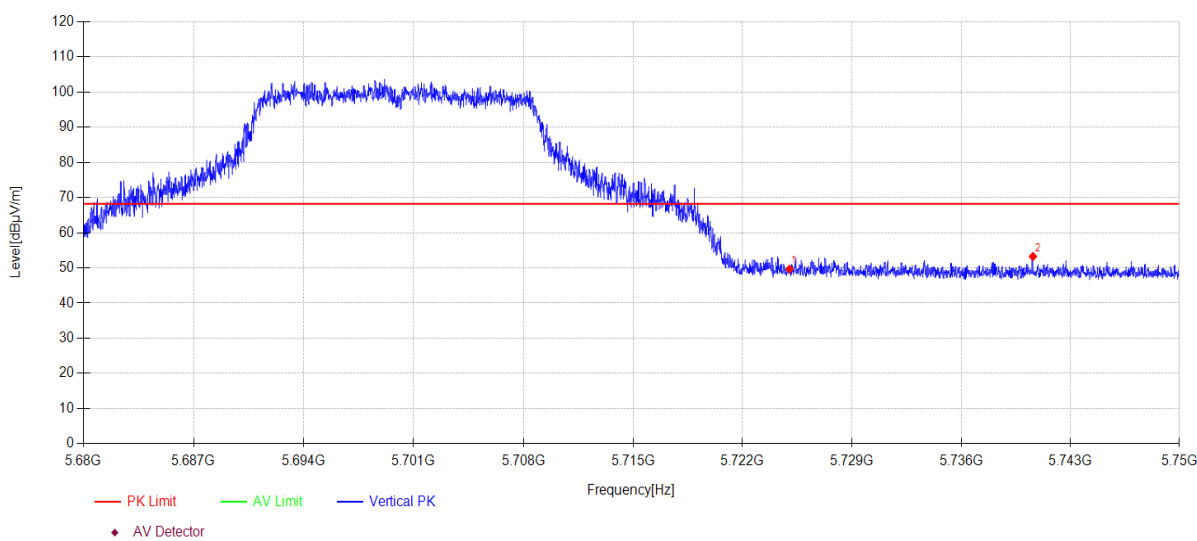
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5GWIFI\218

Memo:

Sample Number:S23111313-02 Power Setting:14

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	10.05	33.75	5.87	0.00	49.67	68.20	18.53	PK	Vertical
2	5740.60	13.53	33.84	5.88	0.00	53.25	68.20	14.95	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:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AX20MIMO 5700MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

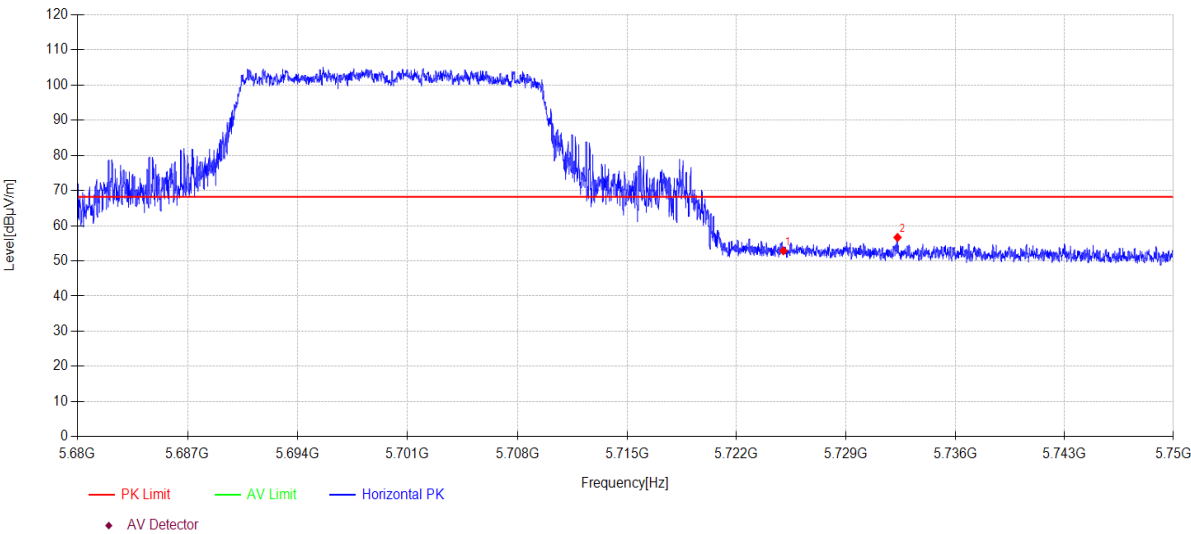
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5GWIFI\219

Memo:

Sample Number:S23111313-02 Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	13.24	33.75	5.87	0.00	52.86	68.20	15.34	PK	Horizontal
2	5732.30	16.99	33.79	5.88	0.00	56.66	68.20	11.54	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AX20MIMO 5700MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

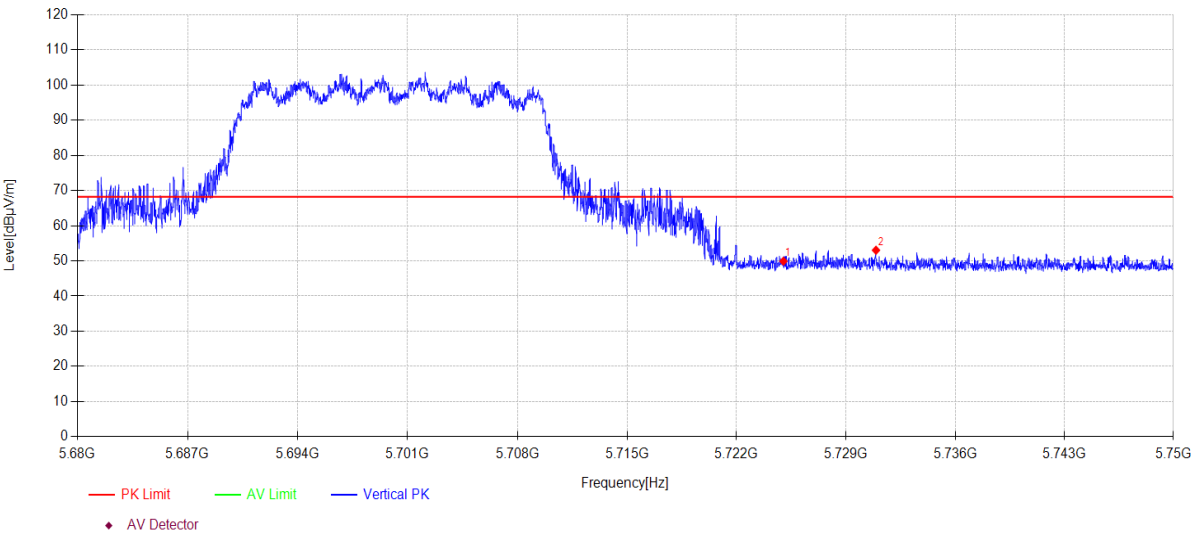
File Path:

d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5GWIFI\220

Memo:

Sample Number:S23111313-02 Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	10.30	33.75	5.87	0.00	49.92	68.20	18.28	PK	Vertical
2	5730.93	13.37	33.79	5.88	0.00	53.04	68.20	15.16	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AX20MIMO RU8 5700MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

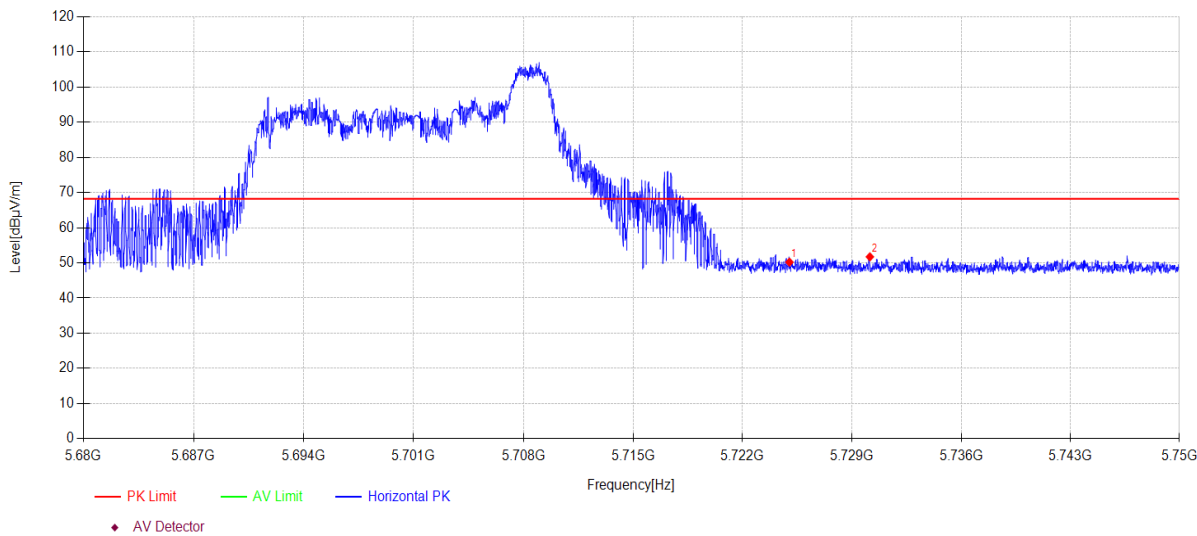
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5GWIFI\221

Memo:

Sample Number:S23111313-02 Power Setting:5

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	10.60	33.75	5.87	0.00	50.22	68.20	17.98	PK	Horizontal
2	5730.15	12.07	33.78	5.88	0.00	51.73	68.20	16.47	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AX20MIMO RU8 5700MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

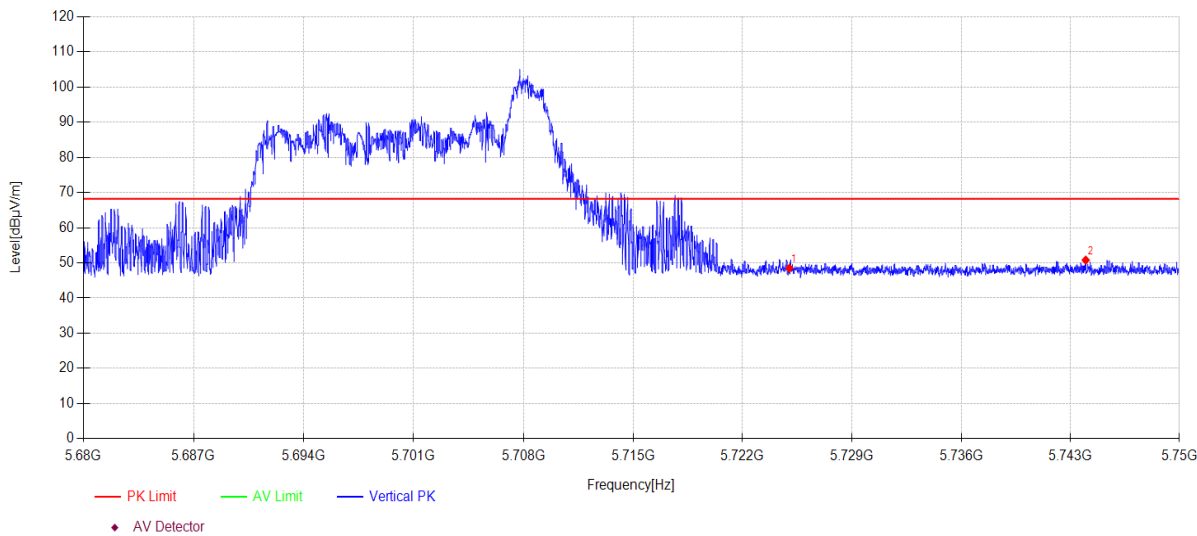
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5GWIFI\222

Memo:

Sample Number:S23111313-02 Power Setting:5

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	8.87	33.75	5.87	0.00	48.49	68.20	19.71	PK	Vertical
2	5743.99	11.05	33.86	5.88	0.00	50.79	68.20	17.41	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11A ANT1 5745MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

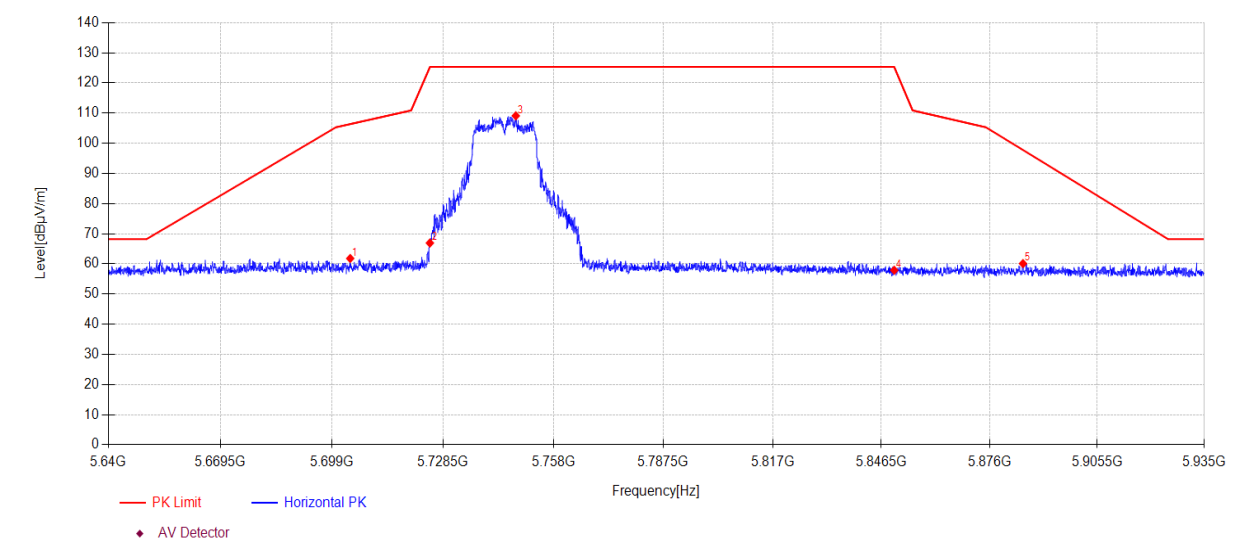
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Memo:

Sample Number:S23111313-02 Power Setting:15

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5703.81	22.31	33.62	5.86	0.00	61.79	106.37	44.58	PK	Horizontal
2	5725.00	27.30	33.75	5.87	0.00	66.92	125.30	58.38	PK	Horizontal
3	5747.91	69.33	33.89	5.88	0.00	109.10	125.30	16.20	PK	Horizontal
4	5850.00	17.96	34.00	5.94	0.00	57.90	125.27	67.37	PK	Horizontal
5	5885.15	20.08	34.07	5.95	0.00	60.10	97.77	37.67	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11A ANT1 5745MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

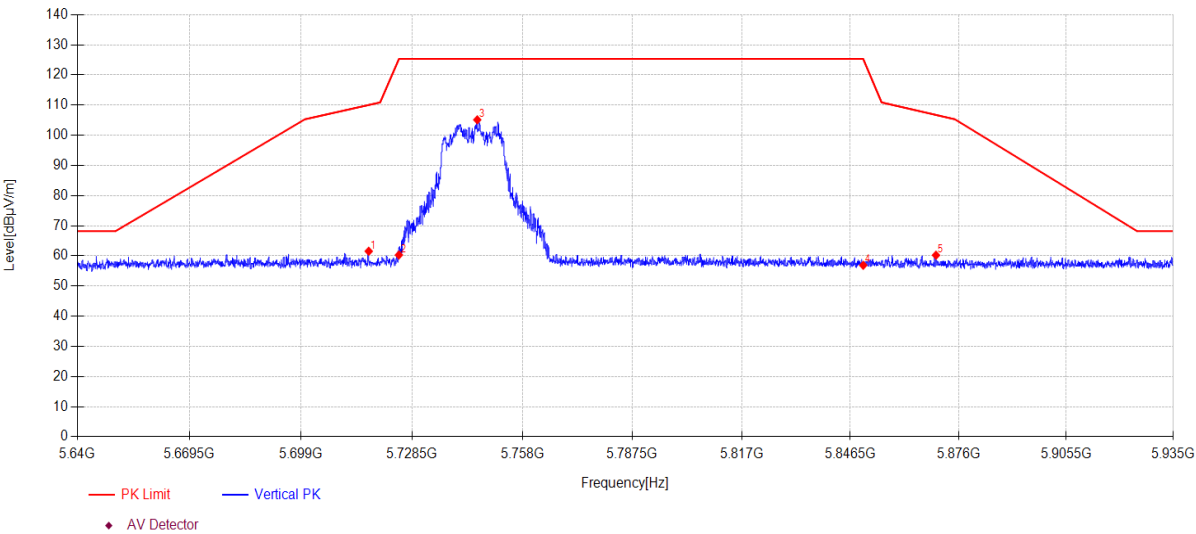
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5.8GWIFI\8

Memo:

Sample Number:S23111313-02 Power Setting:15

Test Graph



Data List										
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5716.97	21.97	33.70	5.87	0.00	61.54	110.05	48.51	PK	Vertical
2	5725.00	20.68	33.75	5.87	0.00	60.30	125.30	65.00	PK	Vertical
3	5745.91	65.37	33.88	5.88	0.00	105.13	125.30	20.17	PK	Vertical
4	5850.00	16.94	34.00	5.94	0.00	56.88	125.27	68.39	PK	Vertical
5	5869.83	20.24	34.04	5.94	0.00	60.22	106.75	46.53	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11A ANT2 5745MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

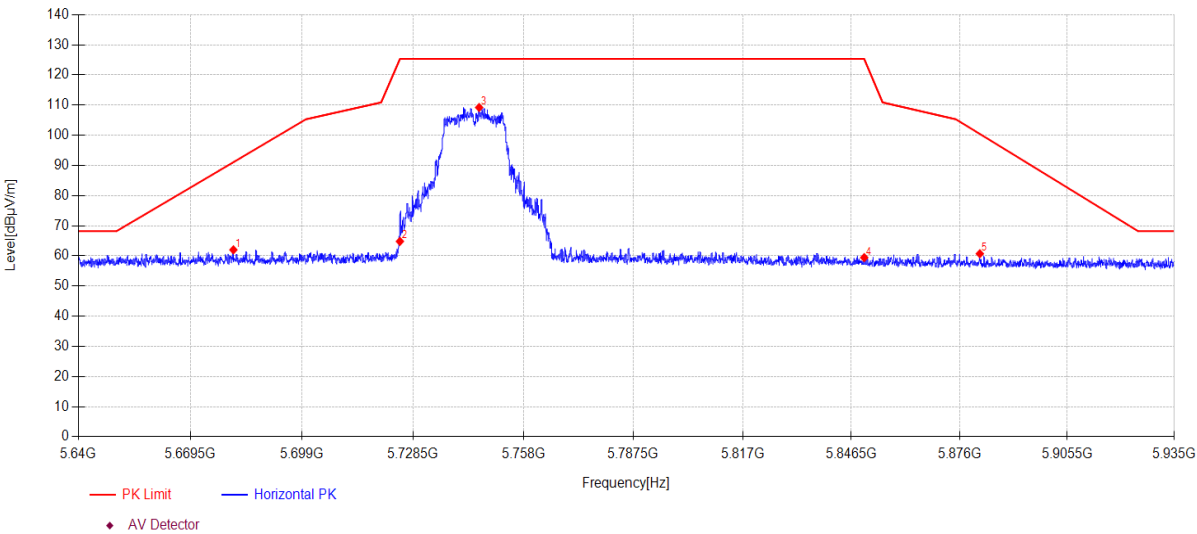
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5.8GWIFI\9

Memo:

Sample Number:S23111313-02 Power Setting:15

Test Graph



Data List										
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5680.83	22.63	33.52	5.85	0.00	62.00	91.07	29.07	PK	Horizontal
2	5725.00	25.19	33.75	5.87	0.00	64.81	125.30	60.49	PK	Horizontal
3	5746.14	69.46	33.88	5.88	0.00	109.22	125.30	16.08	PK	Horizontal
4	5850.00	19.49	34.00	5.94	0.00	59.43	125.27	65.84	PK	Horizontal
5	5881.55	20.70	34.06	5.95	0.00	60.71	100.44	39.73	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11A ANT2 5745MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

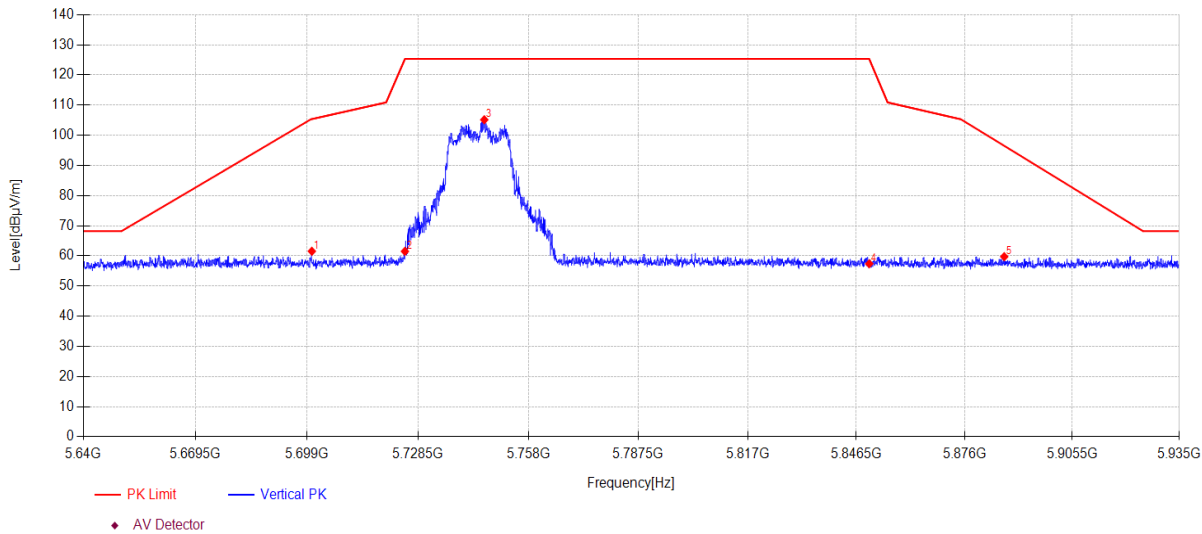
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Memo:

Sample Number:S23111313-02 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5700.27	22.08	33.60	5.86	0.00	61.54	105.38	43.84	PK	Vertical
2	5725.00	21.88	33.75	5.87	0.00	61.50	125.30	63.80	PK	Vertical
3	5746.17	65.39	33.88	5.88	0.00	105.15	125.30	20.15	PK	Vertical
4	5850.00	17.46	34.00	5.94	0.00	57.40	125.27	67.87	PK	Vertical
5	5886.86	19.72	34.07	5.95	0.00	59.74	96.50	36.76	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11N20MIMO 5745MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

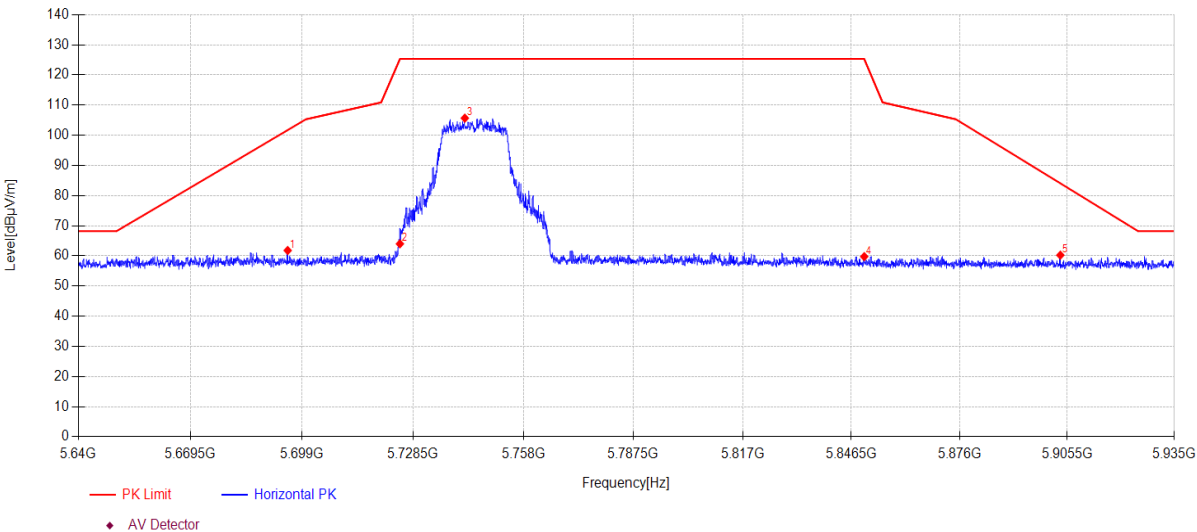
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Memo:

Sample Number:S23111313-02 Power Setting:14

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5695.19	22.35	33.58	5.86	0.00	61.79	101.73	39.94	PK	Horizontal
2	5725.00	24.38	33.75	5.87	0.00	64.00	125.30	61.30	PK	Horizontal
3	5742.31	65.95	33.85	5.88	0.00	105.68	125.30	19.62	PK	Horizontal
4	5850.00	19.82	34.00	5.94	0.00	59.76	125.27	65.51	PK	Horizontal
5	5903.61	20.17	34.11	5.96	0.00	60.24	84.07	23.83	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11N20MIMO 5745MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

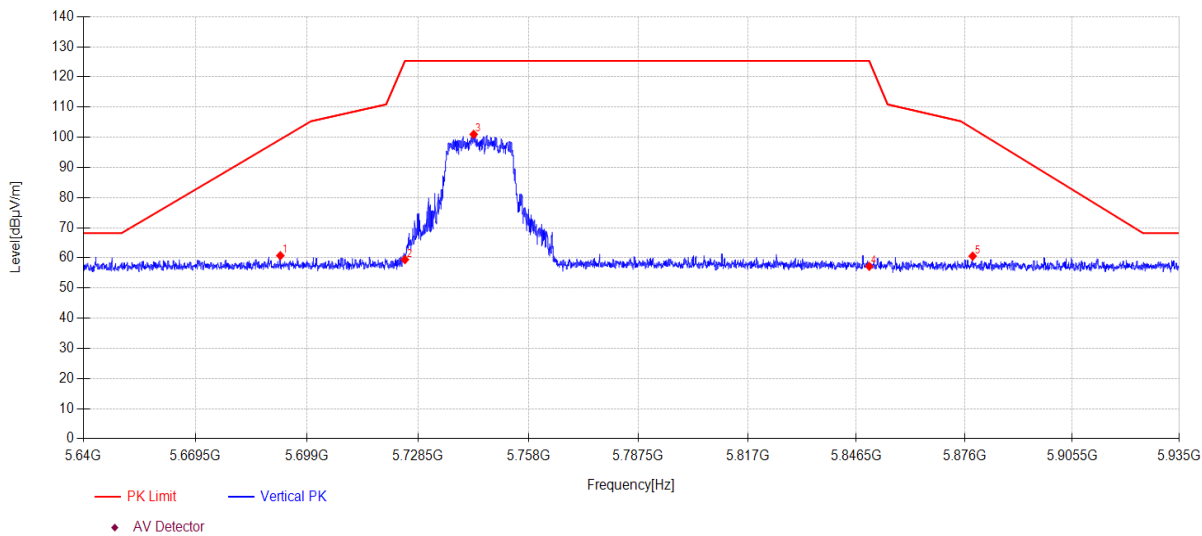
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Memo:

Sample Number:S23111313-02 Power Setting:14

Test Graph



Data List										
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5691.92	21.31	33.57	5.86	0.00	60.74	99.30	38.56	PK	Vertical
2	5725.00	19.80	33.75	5.87	0.00	59.42	125.30	65.88	PK	Vertical
3	5743.34	61.23	33.86	5.88	0.00	100.97	125.30	24.33	PK	Vertical
4	5850.00	17.26	34.00	5.94	0.00	57.20	125.27	68.07	PK	Vertical
5	5878.21	20.58	34.06	5.95	0.00	60.59	102.92	42.33	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AC20MIMO 5745MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

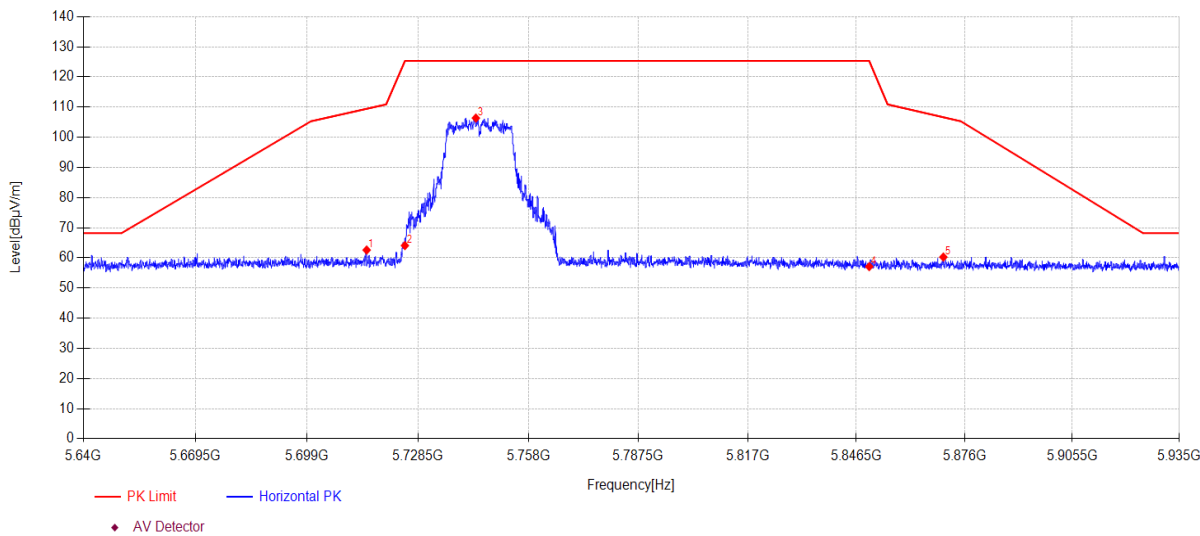
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Memo:

Sample Number:S23111313-02 Power Setting:14

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5714.81	23.04	33.69	5.87	0.00	62.60	109.45	46.85	PK	Horizontal
2	5725.00	24.46	33.75	5.87	0.00	64.08	125.30	61.22	PK	Horizontal
3	5743.93	66.63	33.86	5.88	0.00	106.37	125.30	18.93	PK	Horizontal
4	5850.00	17.16	34.00	5.94	0.00	57.10	125.27	68.17	PK	Horizontal
5	5870.22	20.28	34.04	5.95	0.00	60.27	106.64	46.37	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AC20MIMO 5745MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

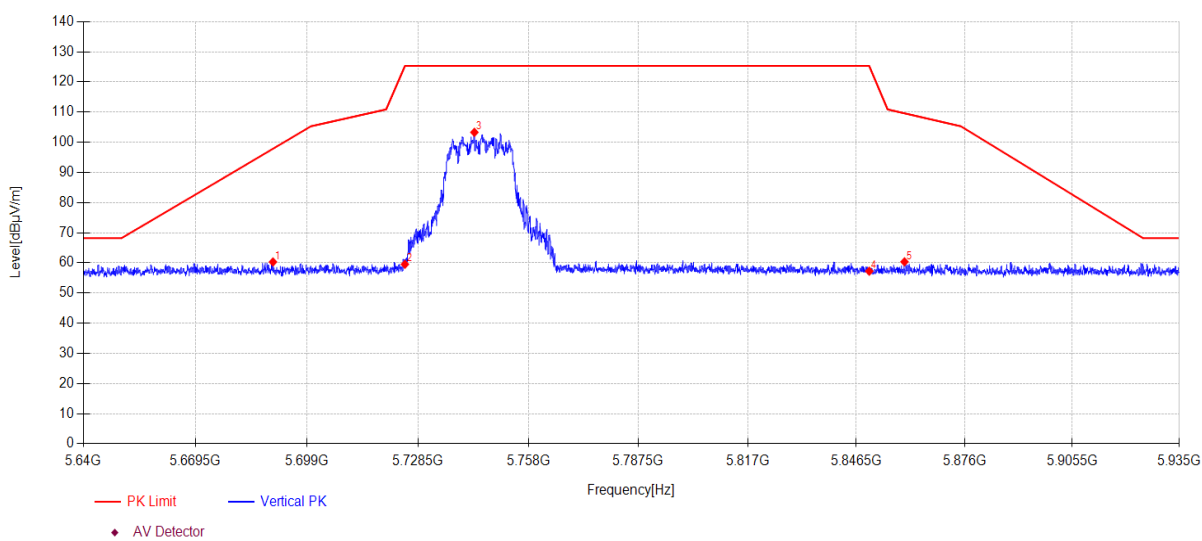
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Memo:

Sample Number:S23111313-02 Power Setting:14

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5689.97	20.90	33.56	5.85	0.00	60.31	97.86	37.55	PK	Vertical
2	5725.00	19.90	33.75	5.87	0.00	59.52	125.30	65.78	PK	Vertical
3	5743.55	63.56	33.86	5.88	0.00	103.30	125.30	22.00	PK	Vertical
4	5850.00	17.30	34.00	5.94	0.00	57.24	125.27	68.03	PK	Vertical
5	5859.60	20.39	34.02	5.94	0.00	60.35	109.61	49.26	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AX20MIMO 5745MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

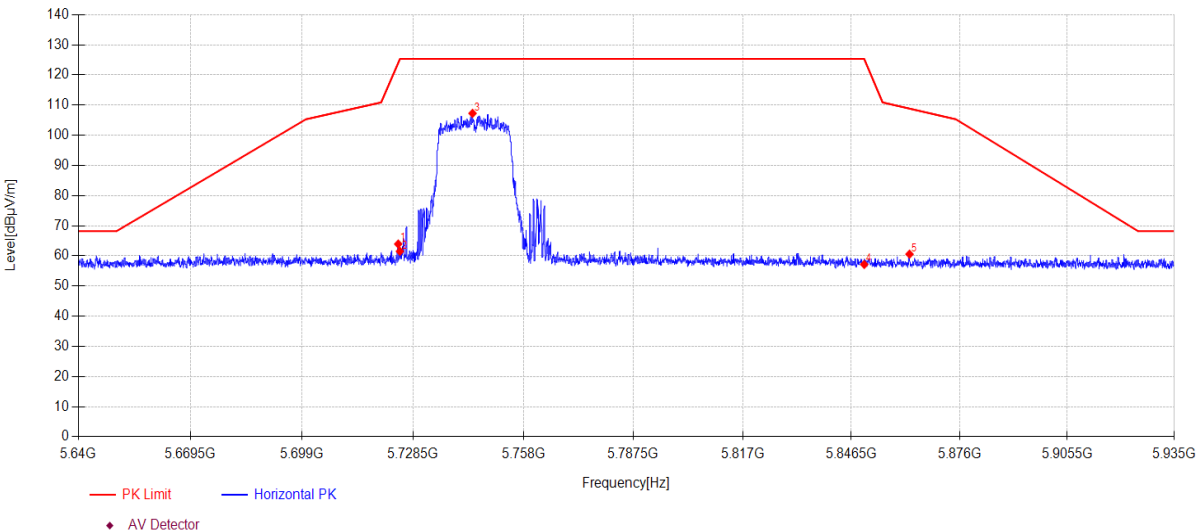
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Memo:

Sample Number:S23111313-02 Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.55	24.32	33.75	5.87	0.00	63.94	124.00	60.06	PK	Horizontal
2	5725.00	21.90	33.75	5.87	0.00	61.52	125.30	63.78	PK	Horizontal
3	5744.37	67.52	33.87	5.88	0.00	107.27	125.30	18.03	PK	Horizontal
4	5850.00	17.22	34.00	5.94	0.00	57.16	125.27	68.11	PK	Horizontal
5	5862.34	20.61	34.02	5.94	0.00	60.57	108.84	48.27	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AX20MIMO 5745MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

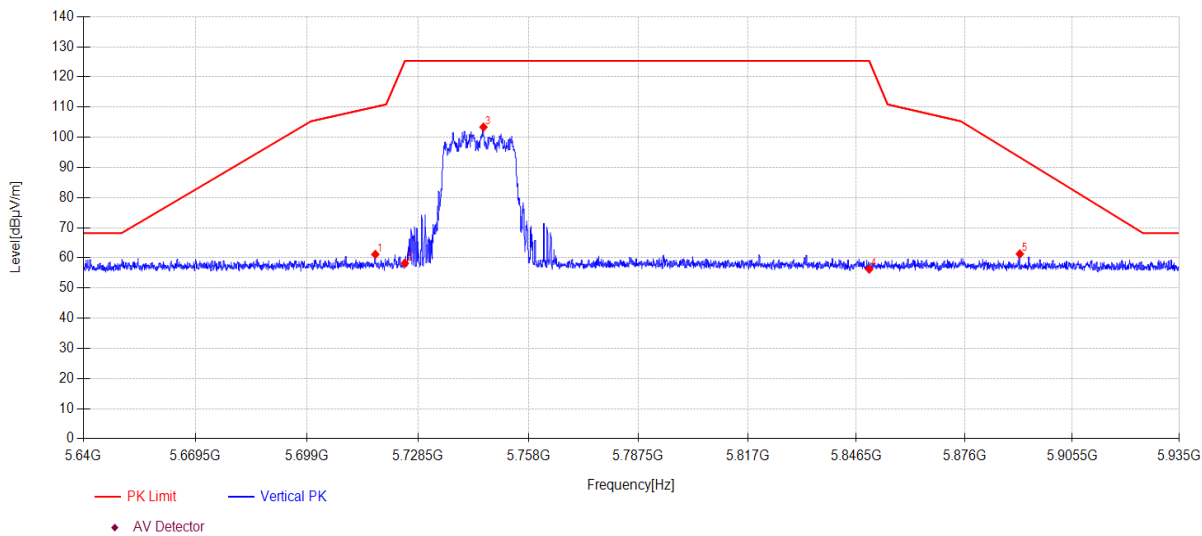
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Memo:

Sample Number:S23111313-02 Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5717.11	21.60	33.70	5.87	0.00	61.17	110.09	48.92	PK	Vertical
2	5725.00	18.59	33.75	5.87	0.00	58.21	125.30	67.09	PK	Vertical
3	5745.96	63.62	33.88	5.88	0.00	103.38	125.30	21.92	PK	Vertical
4	5850.00	16.32	34.00	5.94	0.00	56.26	125.27	69.01	PK	Vertical
5	5891.13	21.27	34.08	5.96	0.00	61.31	93.33	32.02	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AX20MIMO RU0 5745MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

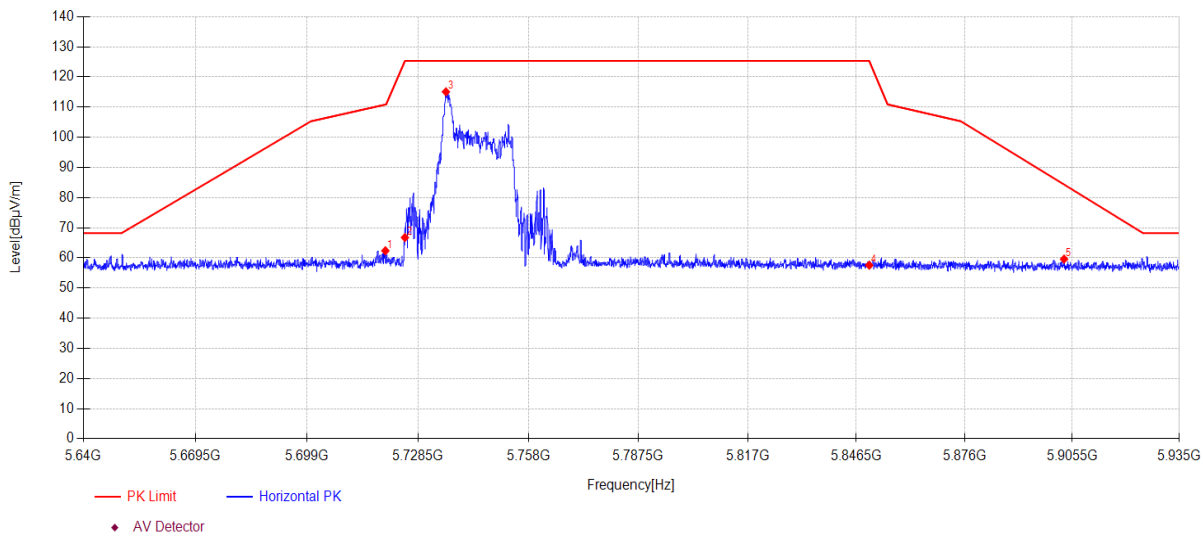
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Memo:

Sample Number:S23111313-02 Power Setting:5

Test Graph



Data List										
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5719.80	22.77	33.72	5.87	0.00	62.36	110.84	48.48	PK	Horizontal
2	5725.00	27.12	33.75	5.87	0.00	66.74	125.30	58.56	PK	Horizontal
3	5735.93	75.38	33.82	5.88	0.00	115.08	125.30	10.22	PK	Horizontal
4	5850.00	17.63	34.00	5.94	0.00	57.57	125.27	67.70	PK	Horizontal
5	5903.26	19.53	34.11	5.96	0.00	59.60	84.33	24.73	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AX20MIMO RU0 5745MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

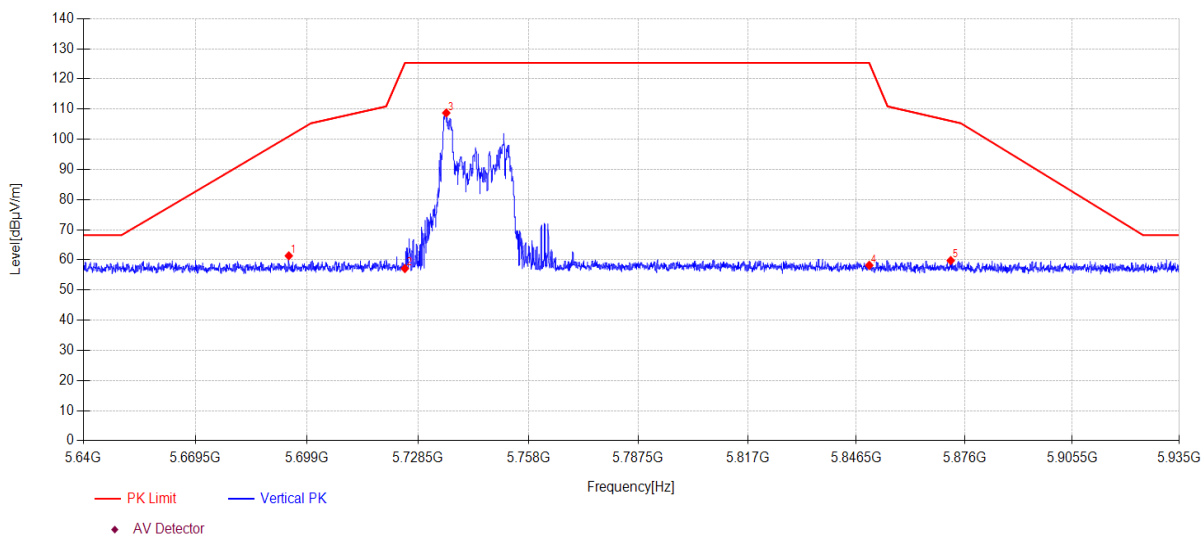
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Memo:

Sample Number:S23111313-02 Power Setting;5

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5694.16	21.91	33.58	5.86	0.00	61.35	100.97	39.62	PK	Vertical
2	5725.00	17.50	33.75	5.87	0.00	57.12	125.30	68.18	PK	Vertical
3	5736.02	69.03	33.82	5.88	0.00	108.73	125.30	16.57	PK	Vertical
4	5850.00	18.26	34.00	5.94	0.00	58.20	125.27	67.07	PK	Vertical
5	5872.22	19.78	34.04	5.95	0.00	59.77	106.08	46.31	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11A ANT1 5785MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

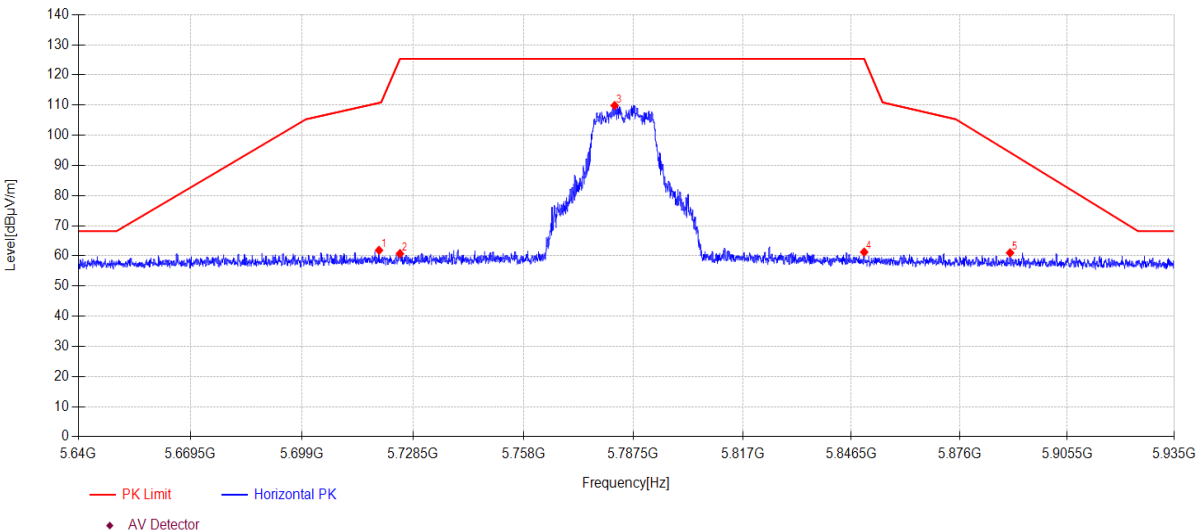
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Memo:

Sample Number:S23111313-02 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5719.44	22.26	33.72	5.87	0.00	61.85	110.74	48.89	PK	Horizontal
2	5725.00	21.11	33.75	5.87	0.00	60.73	125.30	64.57	PK	Horizontal
3	5782.49	69.87	34.09	5.90	0.00	109.86	125.30	15.44	PK	Horizontal
4	5850.00	21.31	34.00	5.94	0.00	61.25	125.27	64.02	PK	Horizontal
5	5889.84	20.98	34.08	5.95	0.00	61.01	94.29	33.28	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11A ANT1 5785MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

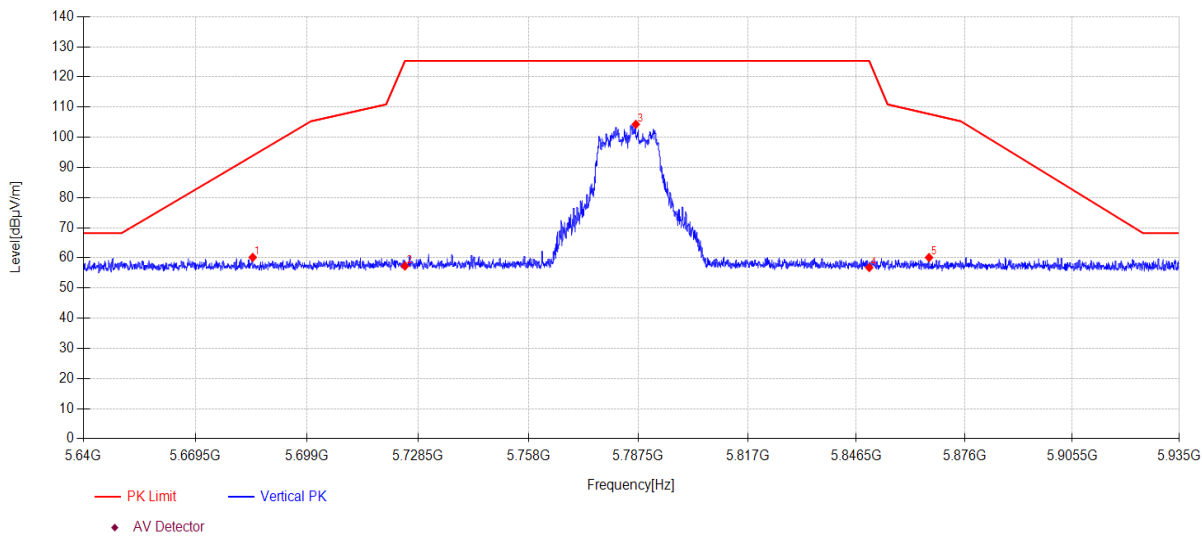
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Memo:

Sample Number:S23111313-02 Power Setting:15

Test Graph



Data List										
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5684.60	20.79	33.54	5.85	0.00	60.18	93.88	33.70	PK	Vertical
2	5725.00	17.67	33.75	5.87	0.00	57.29	125.30	68.01	PK	Vertical
3	5786.82	64.27	34.12	5.90	0.00	104.29	125.30	21.01	PK	Vertical
4	5850.00	16.85	34.00	5.94	0.00	56.79	125.27	68.48	PK	Vertical
5	5866.29	20.15	34.03	5.94	0.00	60.12	107.74	47.62	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11A ANT2 5785MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

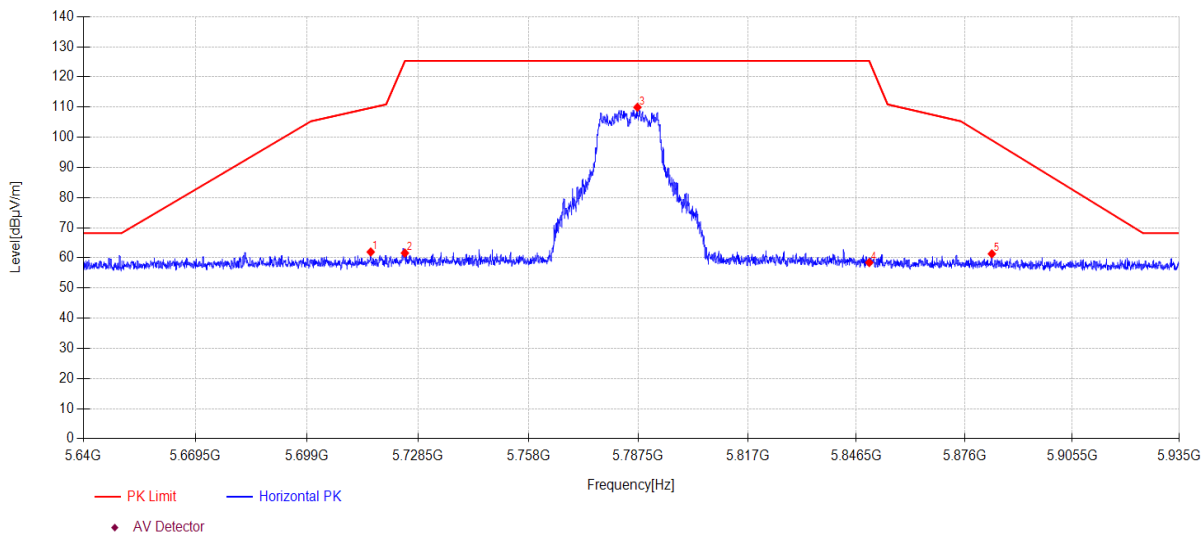
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Memo:

Sample Number:S23111313-02 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5715.90	22.39	33.70	5.87	0.00	61.96	109.75	47.79	PK	Horizontal
2	5725.00	21.98	33.75	5.87	0.00	61.60	125.30	63.70	PK	Horizontal
3	5787.26	69.93	34.12	5.90	0.00	109.95	125.30	15.35	PK	Horizontal
4	5850.00	18.51	34.00	5.94	0.00	58.45	125.27	66.82	PK	Horizontal
5	5883.46	21.33	34.07	5.95	0.00	61.35	99.02	37.67	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11A ANT2 5785MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

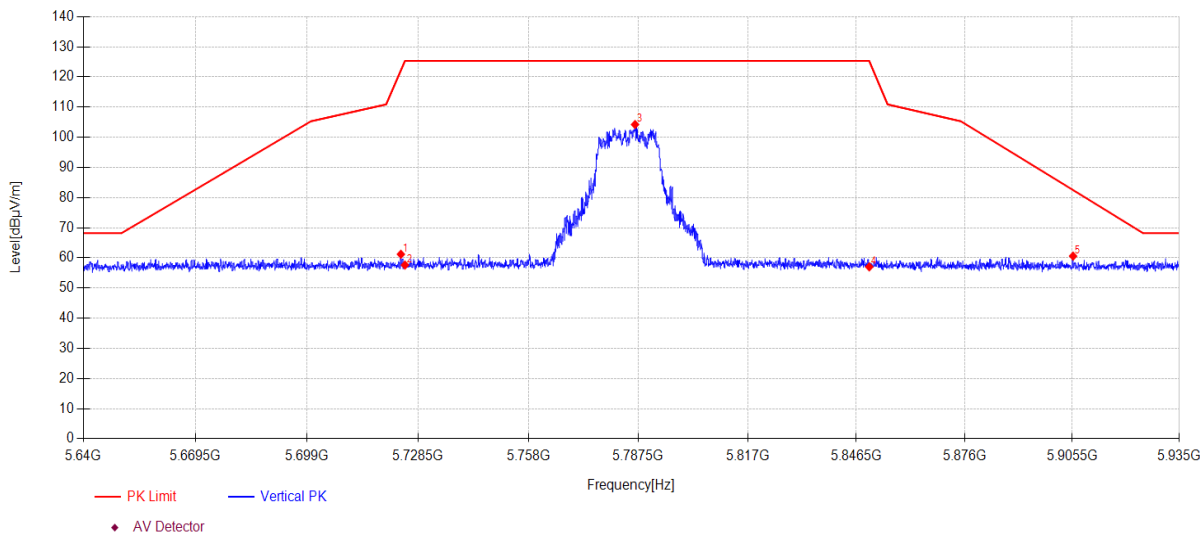
File Path:

d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5.8WIFI\22

Memo:

Sample Number:S23111313-02 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.93	21.60	33.74	5.87	0.00	61.21	122.21	61.00	PK	Vertical
2	5725.00	18.01	33.75	5.87	0.00	57.63	125.30	67.67	PK	Vertical
3	5786.62	64.22	34.12	5.90	0.00	104.24	125.30	21.06	PK	Vertical
4	5850.00	17.08	34.00	5.94	0.00	57.02	125.27	68.25	PK	Vertical
5	5905.74	20.53	34.11	5.96	0.00	60.60	82.49	21.89	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: 2024-01-30 Tested By: Bairong

EUT: Wireless Speaker Model Number: CHARGE 5 Wi-Fi

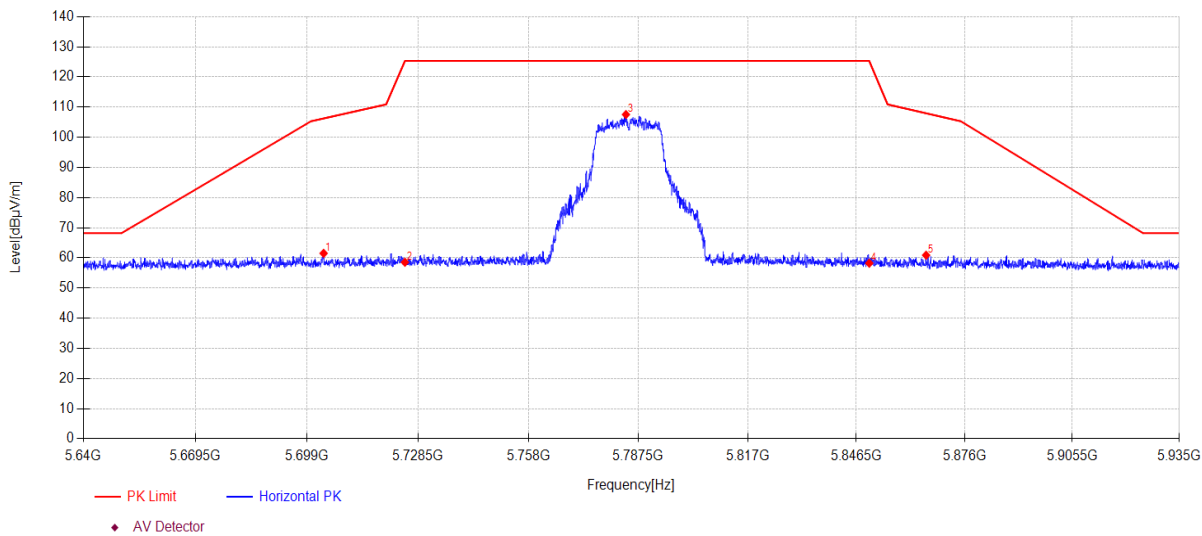
Test Mode: 11N20MIMO 5785MHz TX Power Supply: AC 120V/60Hz

Condition: Temp:21.5°C;Humi:39.7% Test Site: DDT 3# Chamber

File Path: d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5.8GWIFI\23

Memo: Sample Number:S23111313-02 Power Setting:14

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5703.40	22.02	33.62	5.86	0.00	61.50	106.25	44.75	PK	Horizontal
2	5725.00	18.93	33.75	5.87	0.00	58.55	125.30	66.75	PK	Horizontal
3	5784.17	67.55	34.10	5.90	0.00	107.55	125.30	17.75	PK	Horizontal
4	5850.00	18.30	34.00	5.94	0.00	58.24	125.27	67.03	PK	Horizontal
5	5865.50	20.92	34.03	5.94	0.00	60.89	107.96	47.07	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11N20MIMO 5785MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

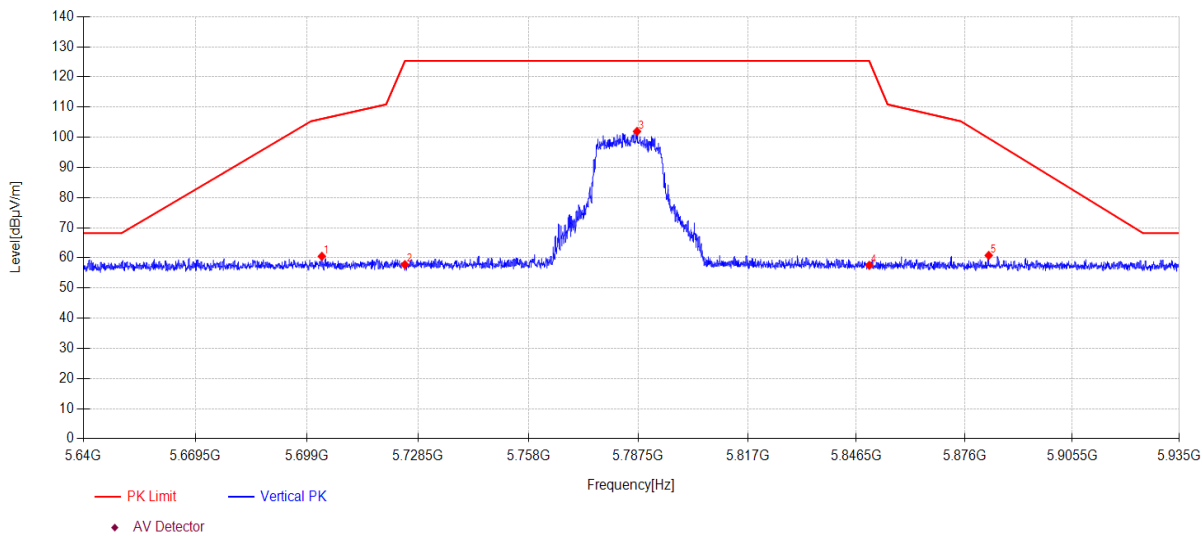
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Memo:

Sample Number:S23111313-02 Power Setting:14

Test Graph



Data List										
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5702.92	21.04	33.62	5.86	0.00	60.52	106.12	45.60	PK	Vertical
2	5725.00	18.14	33.75	5.87	0.00	57.76	125.30	67.54	PK	Vertical
3	5787.15	61.92	34.12	5.90	0.00	101.94	125.30	23.36	PK	Vertical
4	5850.00	17.59	34.00	5.94	0.00	57.53	125.27	67.74	PK	Vertical
5	5882.61	20.79	34.07	5.95	0.00	60.81	99.65	38.84	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AC20MIMO 5785MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

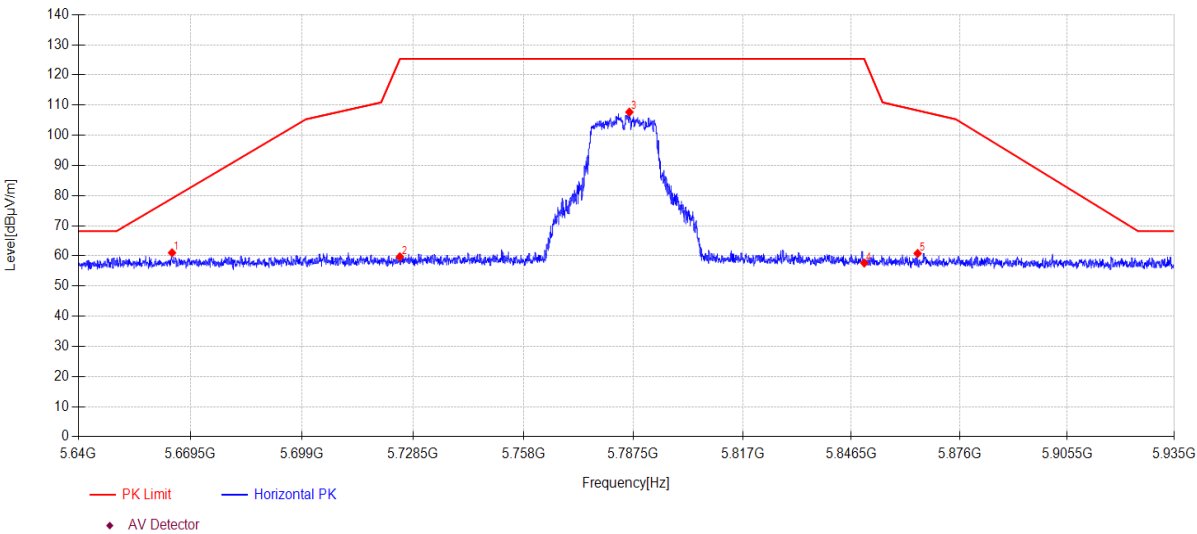
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Memo:

Sample Number:S23111313-02 Power Setting:14

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5664.63	21.73	33.46	5.84	0.00	61.03	79.06	18.03	PK	Horizontal
2	5725.00	20.07	33.75	5.87	0.00	59.69	125.30	65.61	PK	Horizontal
3	5786.44	67.65	34.12	5.90	0.00	107.67	125.30	17.63	PK	Horizontal
4	5850.00	17.70	34.00	5.94	0.00	57.64	125.27	67.63	PK	Horizontal
5	5864.55	20.83	34.03	5.94	0.00	60.80	108.22	47.42	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: 2024-01-30 Tested By: Bairong

EUT: Wireless Speaker Model Number: CHARGE 5 Wi-Fi

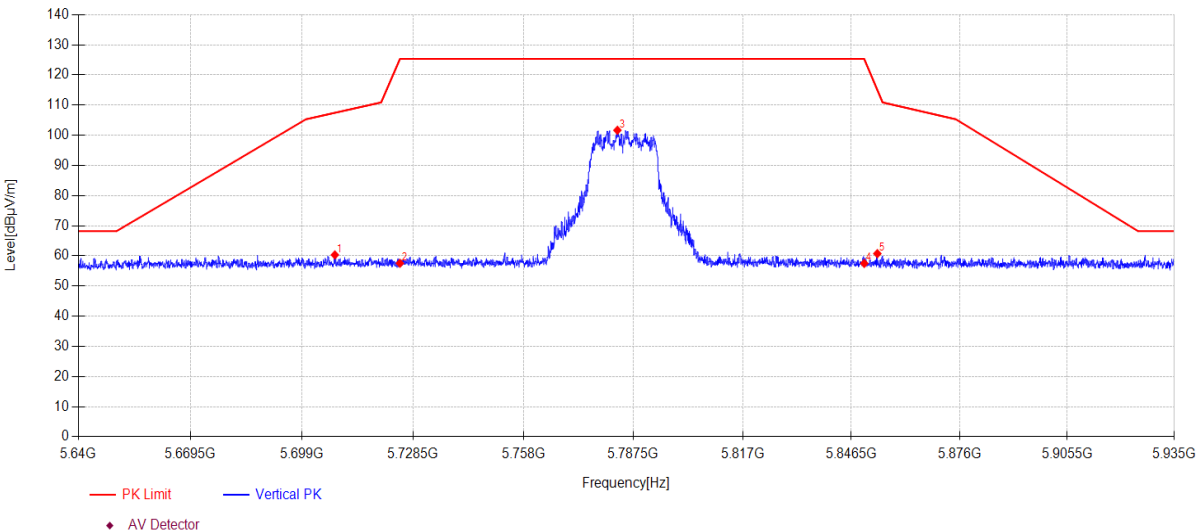
Test Mode: 11AC20MIMO 5785MHz TX Power Supply: AC 120V/60Hz

Condition: Temp:21.5°C;Humi:39.7% Test Site: DDT 3# Chamber

File Path: d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5.8GWIFI\26

Memo: Sample Number:S23111313-02 Power Setting:14

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5707.70	20.82	33.65	5.86	0.00	60.33	107.46	47.13	PK	Vertical
2	5725.00	17.93	33.75	5.87	0.00	57.55	125.30	67.75	PK	Vertical
3	5783.22	61.67	34.10	5.90	0.00	101.67	125.30	23.63	PK	Vertical
4	5850.00	17.56	34.00	5.94	0.00	57.50	125.27	67.77	PK	Vertical
5	5853.58	20.80	34.01	5.94	0.00	60.75	114.99	54.24	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AX20MIMO 5785MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

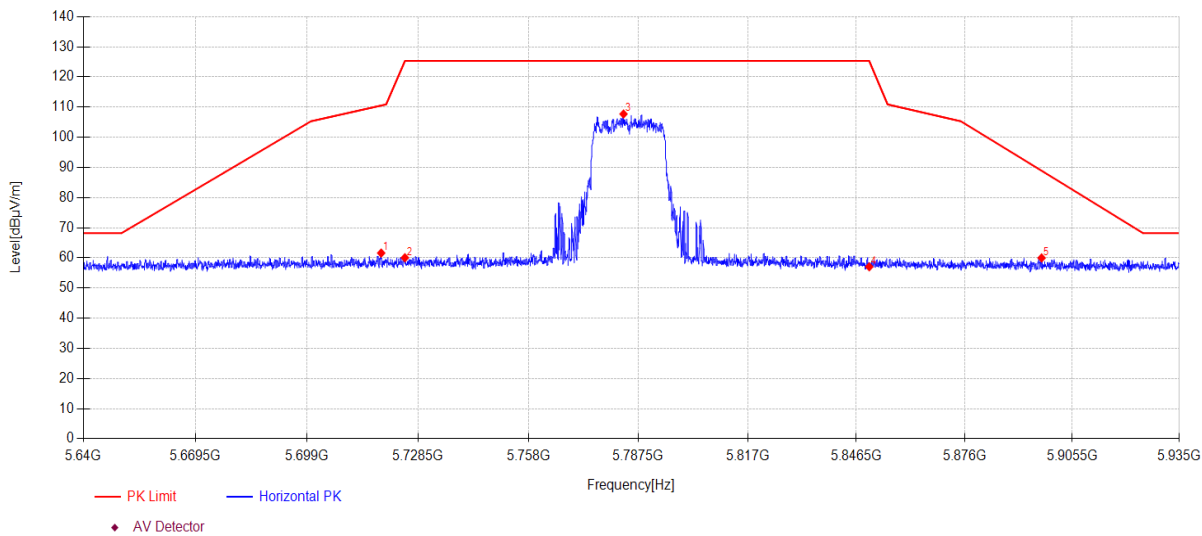
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Memo:

Sample Number:S23111313-02 Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5718.68	22.02	33.71	5.87	0.00	61.60	110.53	48.93	PK	Horizontal
2	5725.00	20.43	33.75	5.87	0.00	60.05	125.30	65.25	PK	Horizontal
3	5783.52	67.72	34.10	5.90	0.00	107.72	125.30	17.58	PK	Horizontal
4	5850.00	17.11	34.00	5.94	0.00	57.05	125.27	68.22	PK	Horizontal
5	5897.09	19.93	34.09	5.96	0.00	59.98	88.91	28.93	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AX20MIMO 5785MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

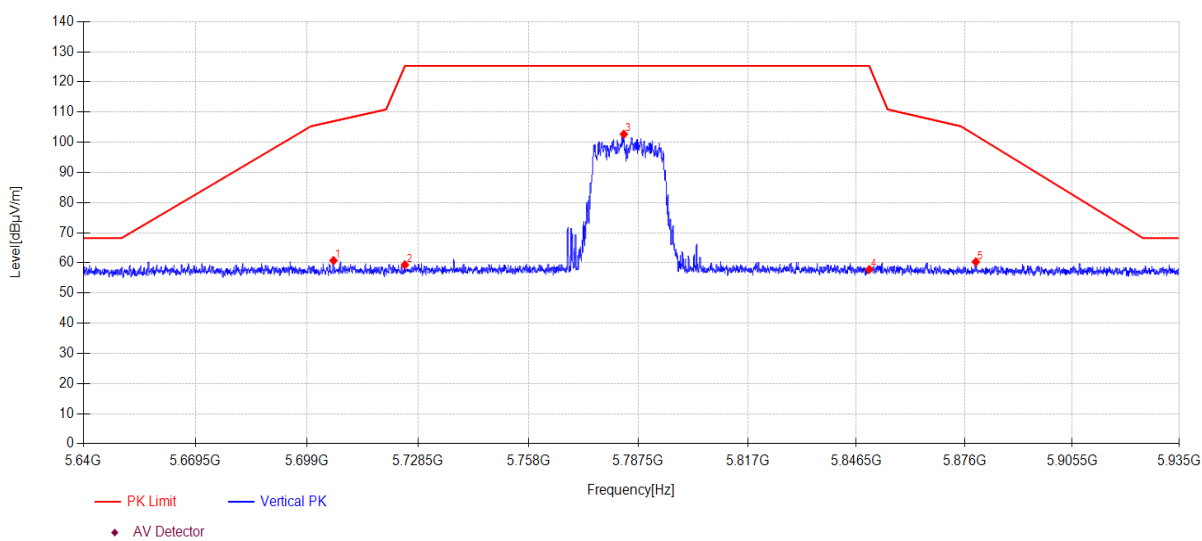
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Memo:

Sample Number:S23111313-02 Power Setting:13

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5706.02	21.27	33.64	5.86	0.00	60.77	106.99	46.22	PK	Vertical
2	5725.00	19.74	33.75	5.87	0.00	59.36	125.30	65.94	PK	Vertical
3	5783.61	62.68	34.10	5.90	0.00	102.68	125.30	22.62	PK	Vertical
4	5850.00	17.86	34.00	5.94	0.00	57.80	125.27	67.47	PK	Vertical
5	5879.07	20.33	34.06	5.95	0.00	60.34	102.28	41.94	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11A ANT1 5825MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

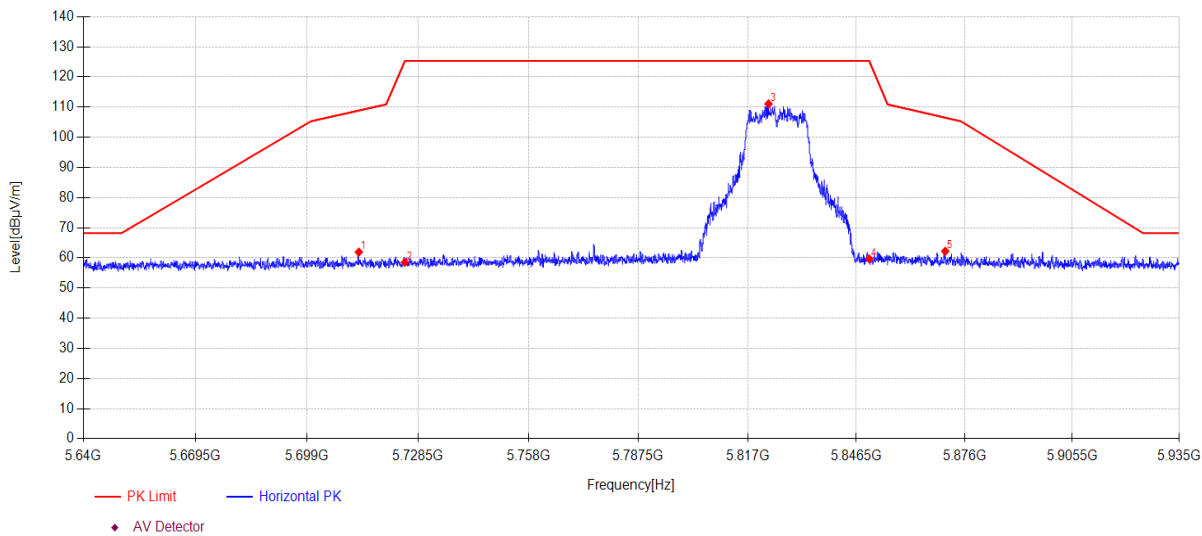
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Memo:

Sample Number:S23111313-02 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5712.75	22.37	33.68	5.87	0.00	61.92	108.87	46.95	PK	Horizontal
2	5725.00	18.92	33.75	5.87	0.00	58.54	125.30	66.76	PK	Horizontal
3	5822.66	71.04	34.11	5.92	0.00	111.07	125.30	14.23	PK	Horizontal
4	5850.00	19.73	34.00	5.94	0.00	59.67	125.27	65.60	PK	Horizontal
5	5870.72	22.22	34.04	5.95	0.00	62.21	106.50	44.29	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11A ANT1 5825MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

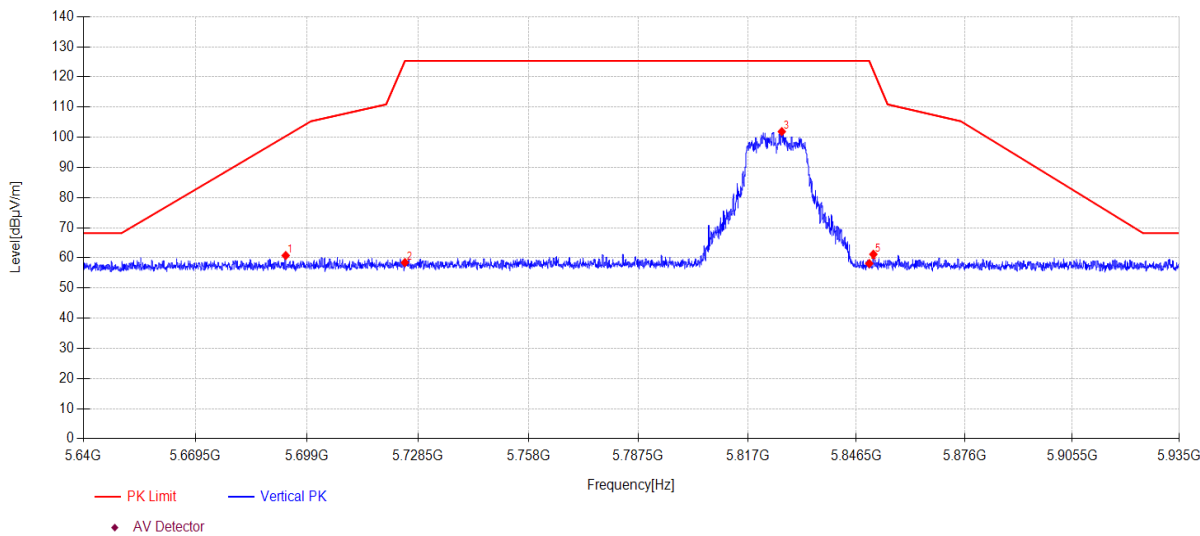
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Memo:

Sample Number:S23111313-02 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5693.34	21.35	33.57	5.86	0.00	60.78	100.36	39.58	PK	Vertical
2	5725.00	18.83	33.75	5.87	0.00	58.45	125.30	66.85	PK	Vertical
3	5826.26	61.87	34.09	5.92	0.00	101.88	125.30	23.42	PK	Vertical
4	5850.00	18.20	34.00	5.94	0.00	58.14	125.27	67.13	PK	Vertical
5	5851.13	21.26	34.00	5.94	0.00	61.20	122.04	60.84	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11A ANT2 5825MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

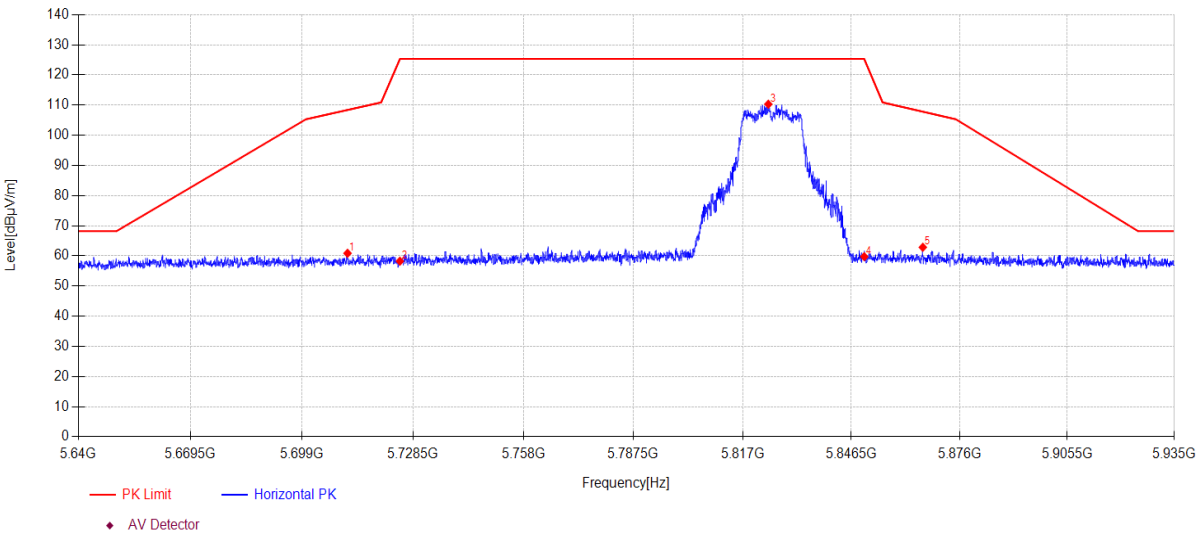
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d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5.8GWIFI\31

Memo:

Sample Number:S23111313-02 Power Setting:15

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5711.07	21.33	33.67	5.87	0.00	60.87	108.40	47.53	PK	Horizontal
2	5725.00	18.63	33.75	5.87	0.00	58.25	125.30	67.05	PK	Horizontal
3	5823.96	70.29	34.10	5.92	0.00	110.31	125.30	14.99	PK	Horizontal
4	5850.00	19.81	34.00	5.94	0.00	59.75	125.27	65.52	PK	Horizontal
5	5865.97	22.88	34.03	5.94	0.00	62.85	107.83	44.98	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11A ANT2 5825MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

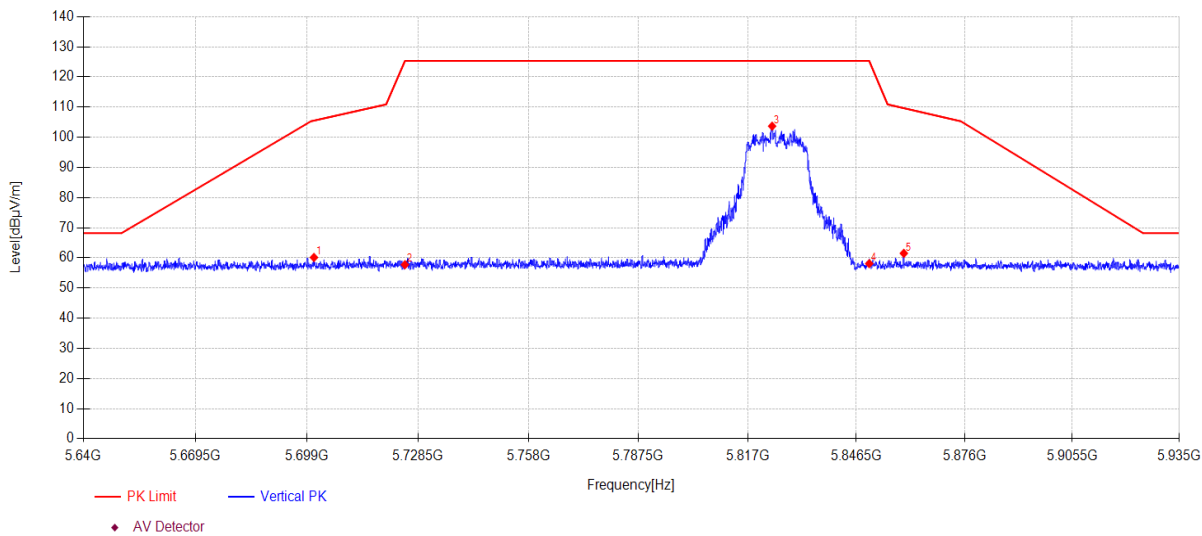
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Memo:

Sample Number:S23111313-02 Power Setting:15

Test Graph



Data List										
NO .	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5700.83	20.68	33.60	5.86	0.00	60.14	105.53	45.39	PK	Vertical
2	5725.00	18.12	33.75	5.87	0.00	57.74	125.30	67.56	PK	Vertical
3	5823.64	63.65	34.11	5.92	0.00	103.68	125.30	21.62	PK	Vertical
4	5850.00	18.16	34.00	5.94	0.00	58.10	125.27	67.17	PK	Vertical
5	5859.42	21.55	34.02	5.94	0.00	61.51	109.66	48.15	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11N20MIMO 5825MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

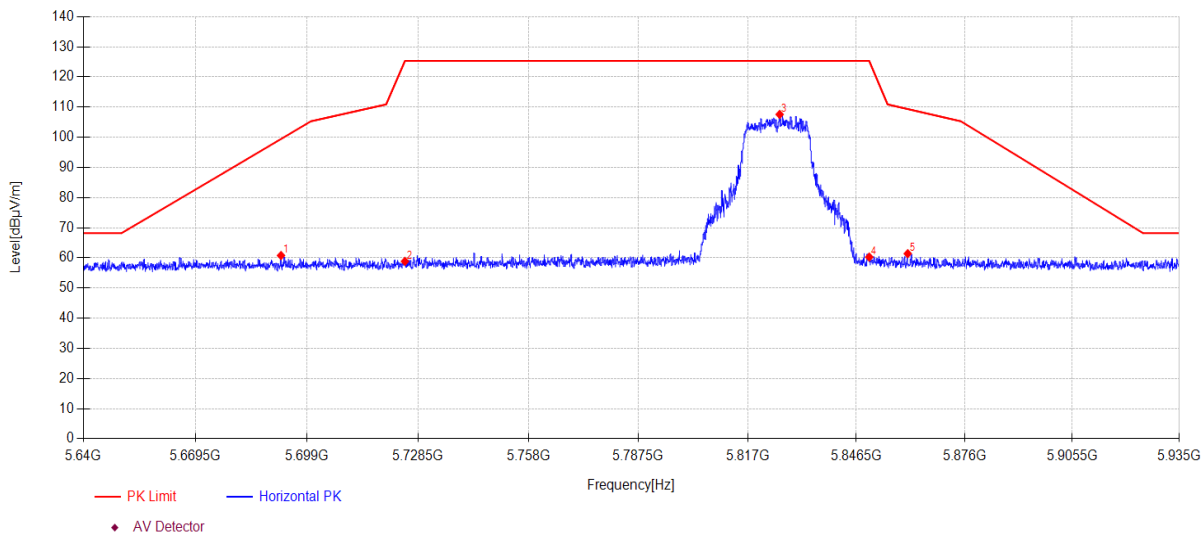
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Memo:

Sample Number:S23111313-02 Power Setting:14

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5692.10	21.35	33.57	5.86	0.00	60.78	99.44	38.66	PK	Horizontal
2	5725.00	19.23	33.75	5.87	0.00	58.85	125.30	66.45	PK	Horizontal
3	5825.67	67.56	34.10	5.92	0.00	107.58	125.30	17.72	PK	Horizontal
4	5850.00	20.33	34.00	5.94	0.00	60.27	125.27	65.00	PK	Horizontal
5	5860.48	21.44	34.02	5.94	0.00	61.40	109.36	47.96	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11N20MIMO 5825MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

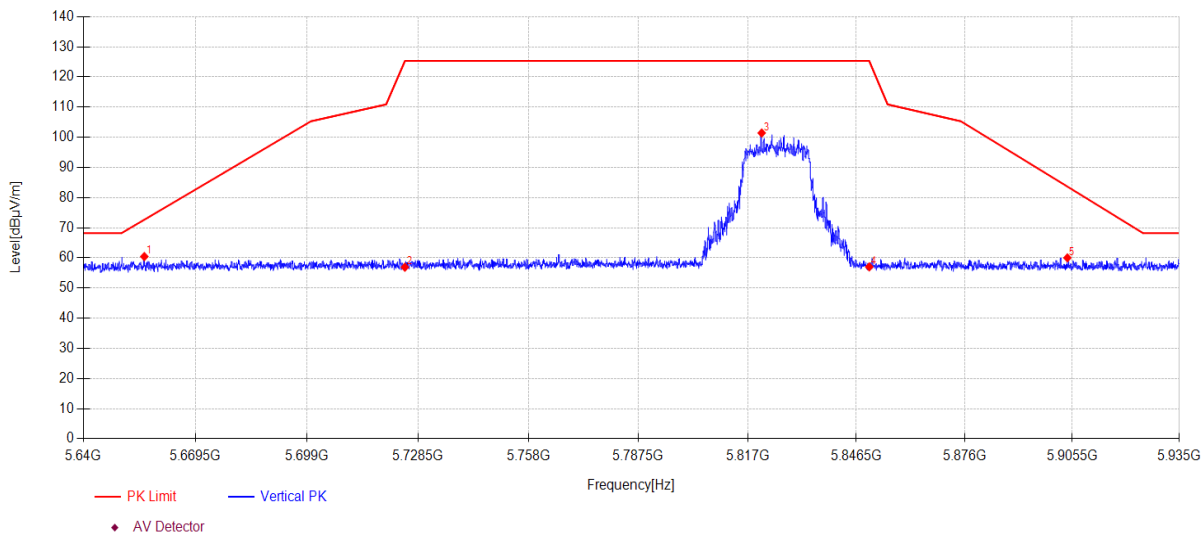
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Memo:

Sample Number:S23111313-02 Power Setting:14

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5656.02	21.17	33.42	5.84	0.00	60.43	72.67	12.24	PK	Vertical
2	5725.00	17.29	33.75	5.87	0.00	56.91	125.30	68.39	PK	Vertical
3	5820.81	61.39	34.12	5.92	0.00	101.43	125.30	23.87	PK	Vertical
4	5850.00	17.08	34.00	5.94	0.00	57.02	125.27	68.25	PK	Vertical
5	5904.17	19.95	34.11	5.96	0.00	60.02	83.65	23.63	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:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AC20MIMO 5825MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

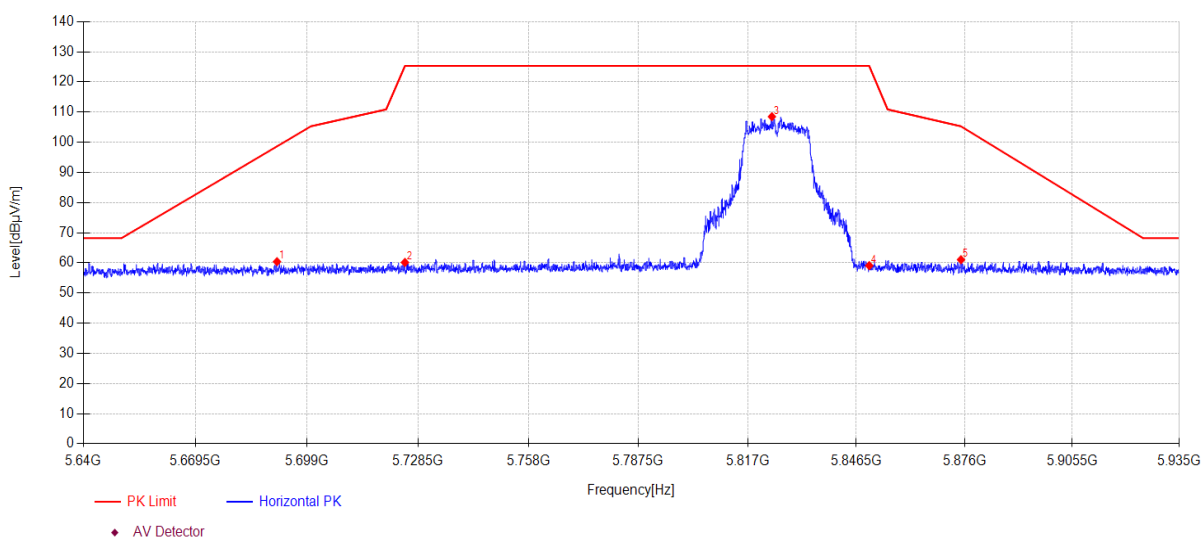
File Path:

d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5.8GWIFI\35

Memo:

Sample Number:S23111313-02 Power Setting:14

Test Graph



Data List										
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5691.04	20.98	33.56	5.86	0.00	60.40	98.65	38.25	PK	Horizontal
2	5725.00	20.52	33.75	5.87	0.00	60.14	125.30	65.16	PK	Horizontal
3	5823.58	68.47	34.11	5.92	0.00	108.50	125.30	16.80	PK	Horizontal
4	5850.00	19.15	34.00	5.94	0.00	59.09	125.27	66.18	PK	Horizontal
5	5875.03	21.05	34.05	5.95	0.00	61.05	105.28	44.23	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-01-30

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

CHARGE 5 Wi-Fi

Test Mode:

11AC20MIMO 5825MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

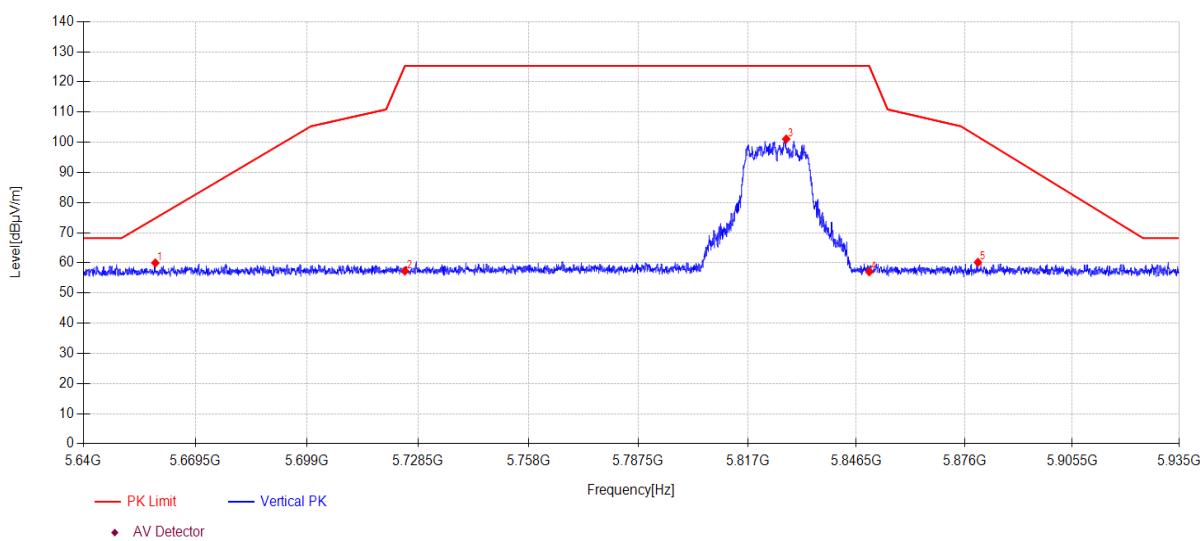
File Path:

d:\ts\2024 report data\Q23111313-2E CHARGE 5 Wi-Fi\FCC ABOVE 1G 5.8GWIFI\36

Memo:

Sample Number:S23111313-02 Power Setting:14

Test Graph



Data List										
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5658.91	20.70	33.44	5.84	0.00	59.98	74.81	14.83	PK	Vertical
2	5725.00	17.69	33.75	5.87	0.00	57.31	125.30	67.99	PK	Vertical
3	5827.44	61.06	34.09	5.92	0.00	101.07	125.30	24.23	PK	Vertical
4	5850.00	17.11	34.00	5.94	0.00	57.05	125.27	68.22	PK	Vertical
5	5879.66	20.17	34.06	5.95	0.00	60.18	101.84	41.66	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.