

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11A ANT2 5500MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

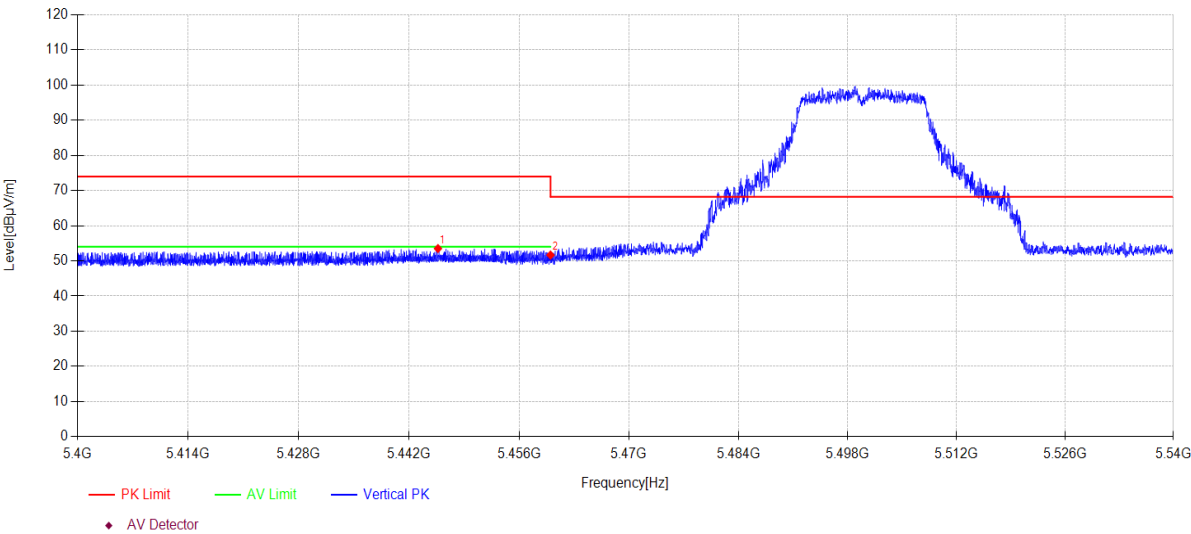
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\68

Memo:

Sample Number:S23111312-02 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	5445.67	14.78	33.01	5.73	0.00	53.52	74.00	20.48	PK	Vertical
2	5460.00	12.93	33.00	5.74	0.00	51.67	68.20	16.53	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11N20MIMO 5500MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

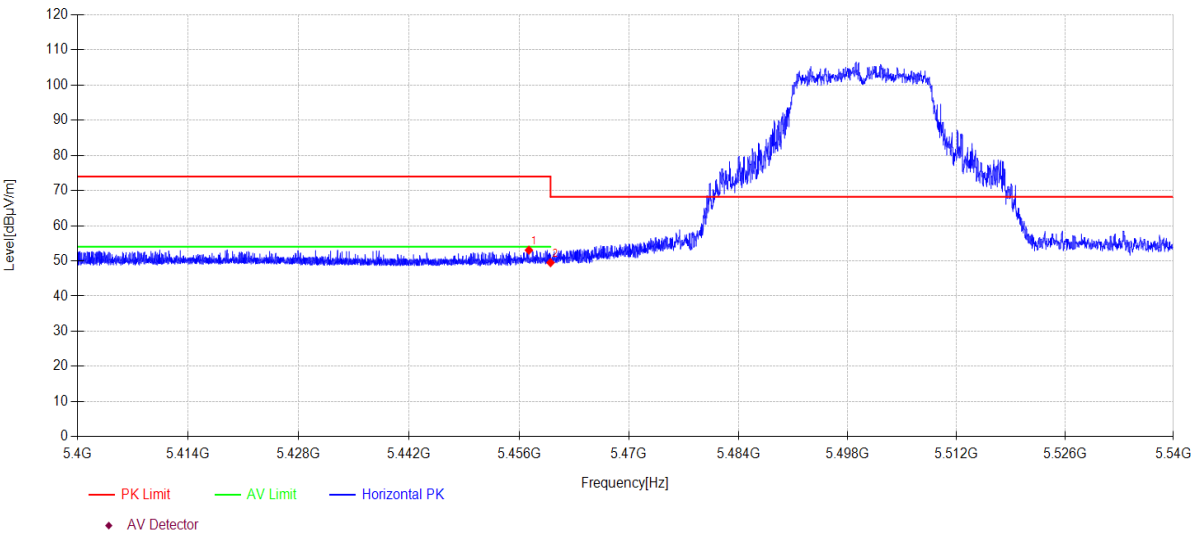
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Memo:

Sample Number:S23111312-02 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	5457.25	14.32	33.00	5.74	0.00	53.06	74.00	20.94	PK	Horizontal
2	5460.00	10.77	33.00	5.74	0.00	49.51	68.20	18.69	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11N20MIMO 5500MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

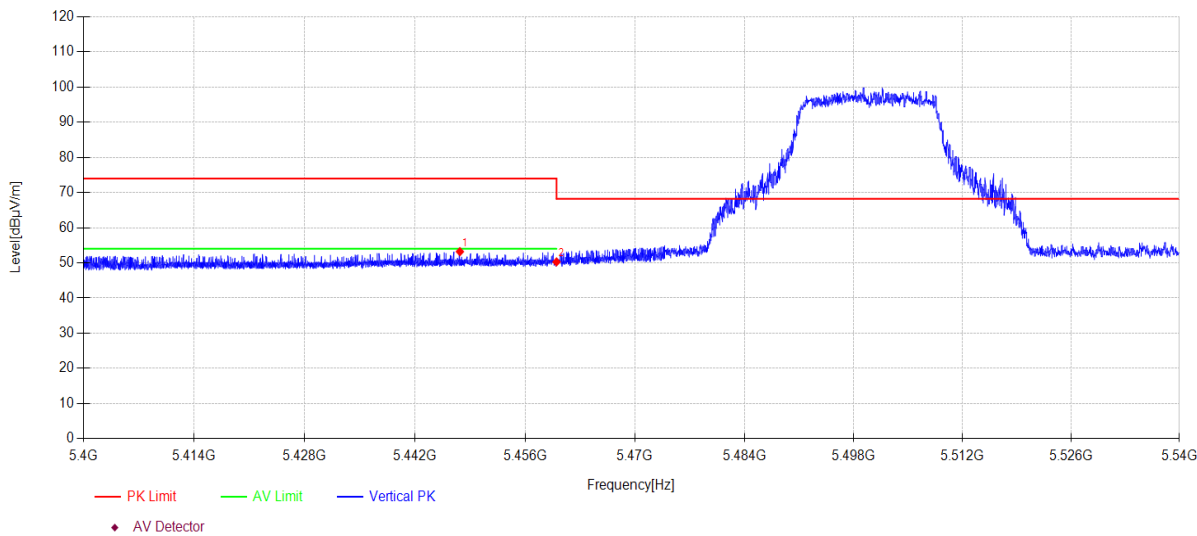
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Memo:

Sample Number:S23111312-02 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	5447.70	14.47	33.00	5.73	0.00	53.20	74.00	20.80	PK	Vertical
2	5460.00	11.55	33.00	5.74	0.00	50.29	68.20	17.91	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AC20MIMO 5500MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

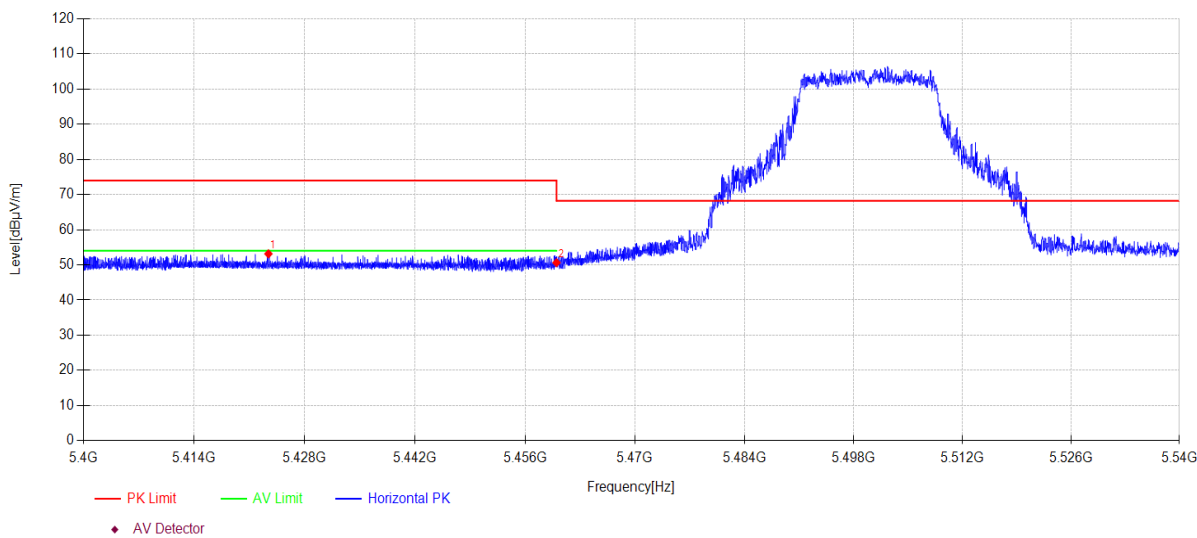
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\71

Memo:

Sample Number:S23111312-02 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	5423.39	14.38	33.05	5.72	0.00	53.15	74.00	20.85	PK	Horizontal
2	5460.00	11.90	33.00	5.74	0.00	50.64	68.20	17.56	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AC20MIMO 5500MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

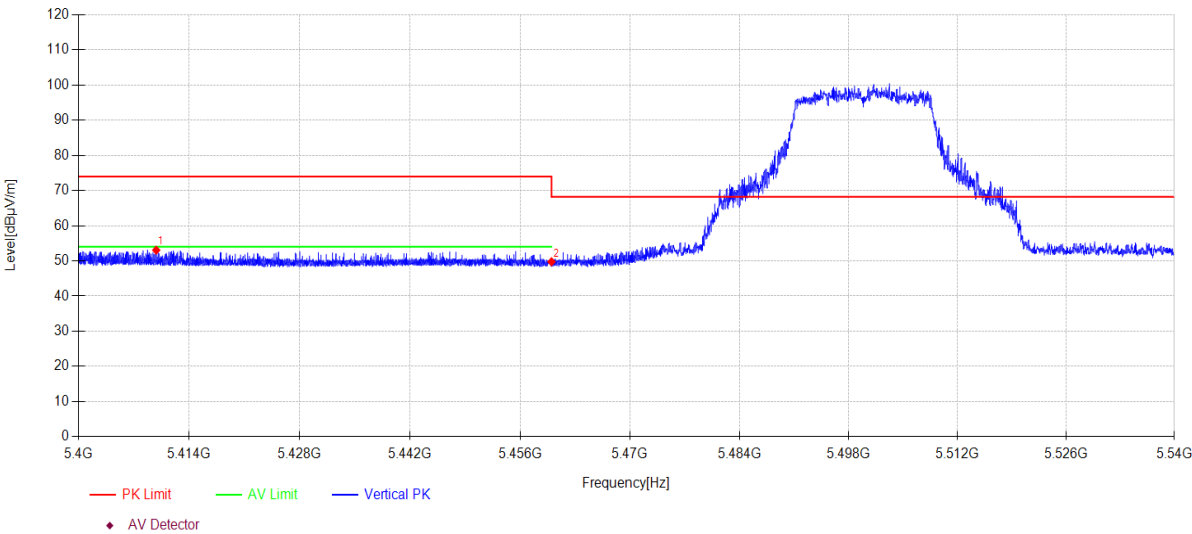
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\72

Memo:

Sample Number:S23111312-02 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	5409.83	14.26	33.08	5.71	0.00	53.05	74.00	20.95	PK	Vertical
2	5460.00	11.01	33.00	5.74	0.00	49.75	68.20	18.45	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AX20MIMO 5500MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

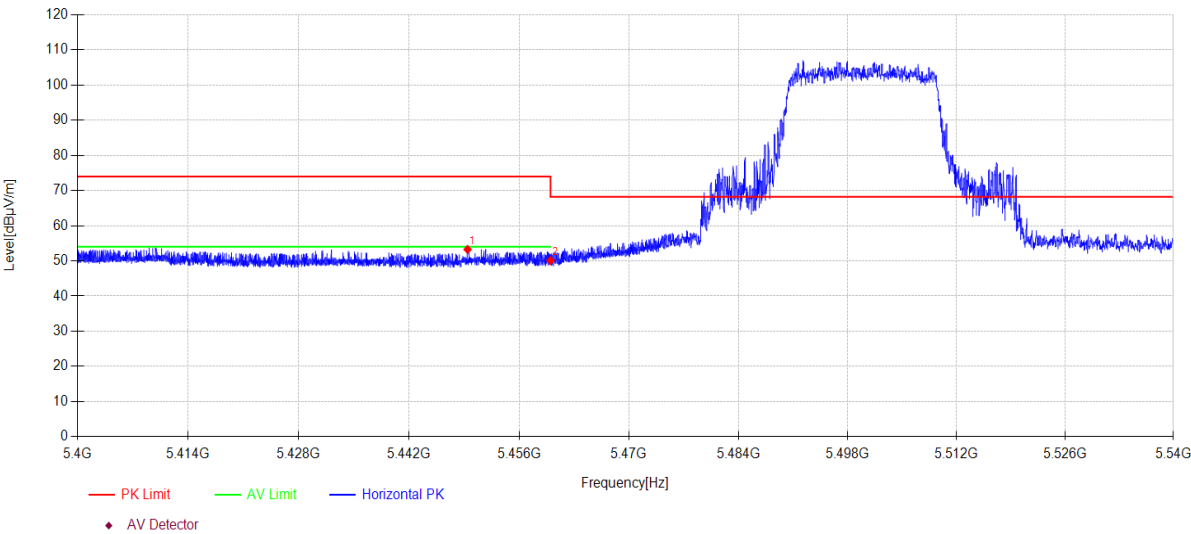
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Memo:

Sample Number:S23111312-02 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	5449.43	14.52	33.00	5.73	0.00	53.25	74.00	20.75	PK	Horizontal
2	5460.00	11.34	33.00	5.74	0.00	50.08	68.20	18.12	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AX20MIMO 5500MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

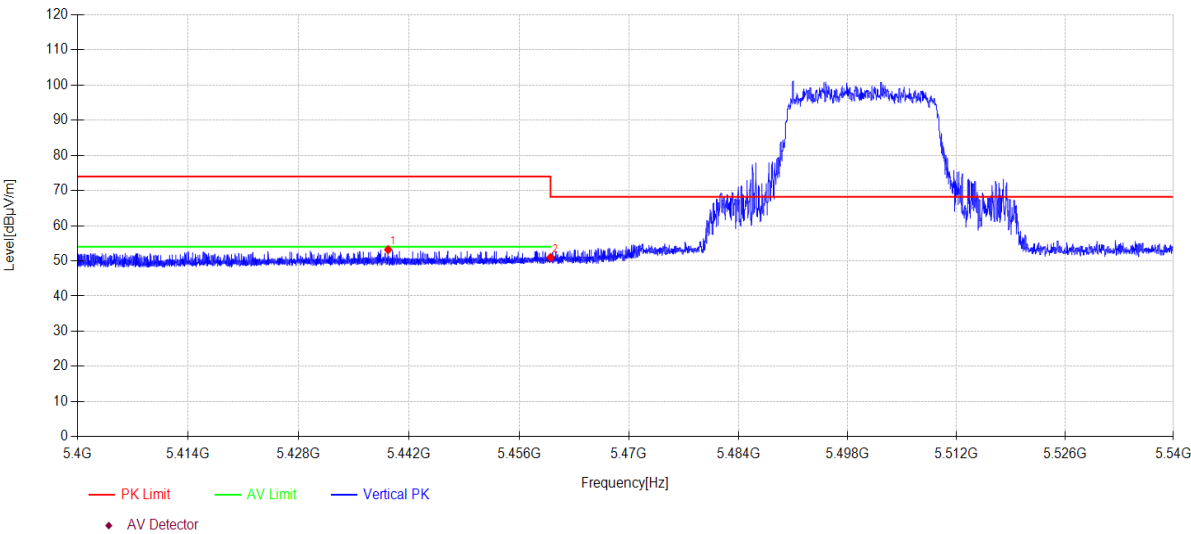
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Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5439.34	14.44	33.02	5.73	0.00	53.19	74.00	20.81	PK	Vertical
2	5460.00	12.23	33.00	5.74	0.00	50.97	68.20	17.23	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AX20MIMO RU0 5500MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

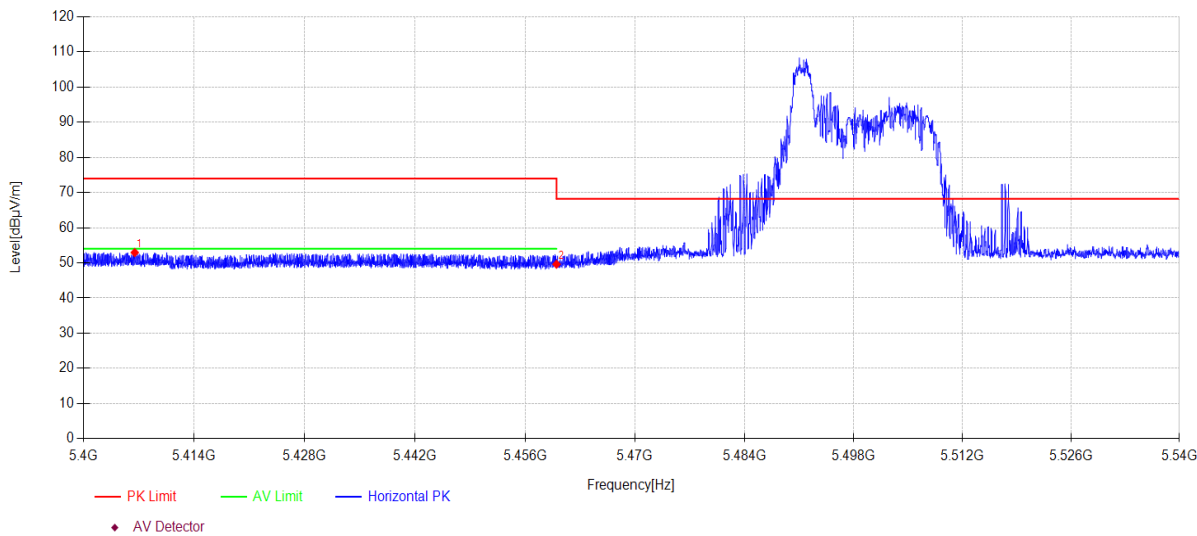
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Memo:

Sample Number:S23111312-02 Power Setting:7

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	5406.48	14.15	33.09	5.71	0.00	52.95	74.00	21.05	PK	Horizontal
2	5460.00	10.88	33.00	5.74	0.00	49.62	68.20	18.58	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AX20MIMO RU0 5500MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

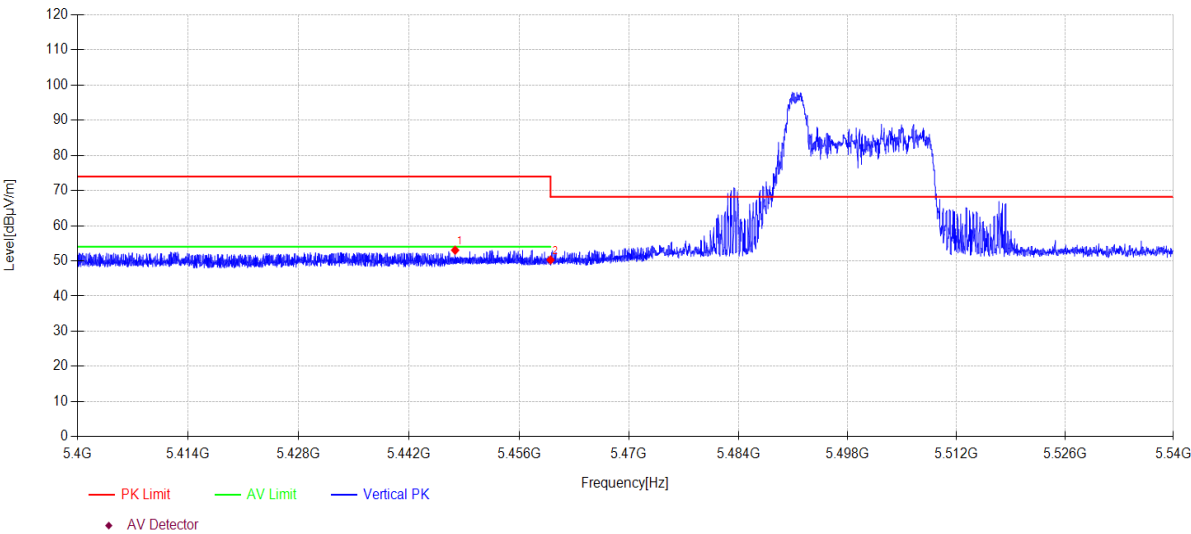
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Memo:

Sample Number:S23111312-02 Power Setting:7

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	5447.85	14.32	33.00	5.73	0.00	53.05	74.00	20.95	PK	Vertical
2	5460.00	11.54	33.00	5.74	0.00	50.28	68.20	17.92	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11N40MIMO 5510MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

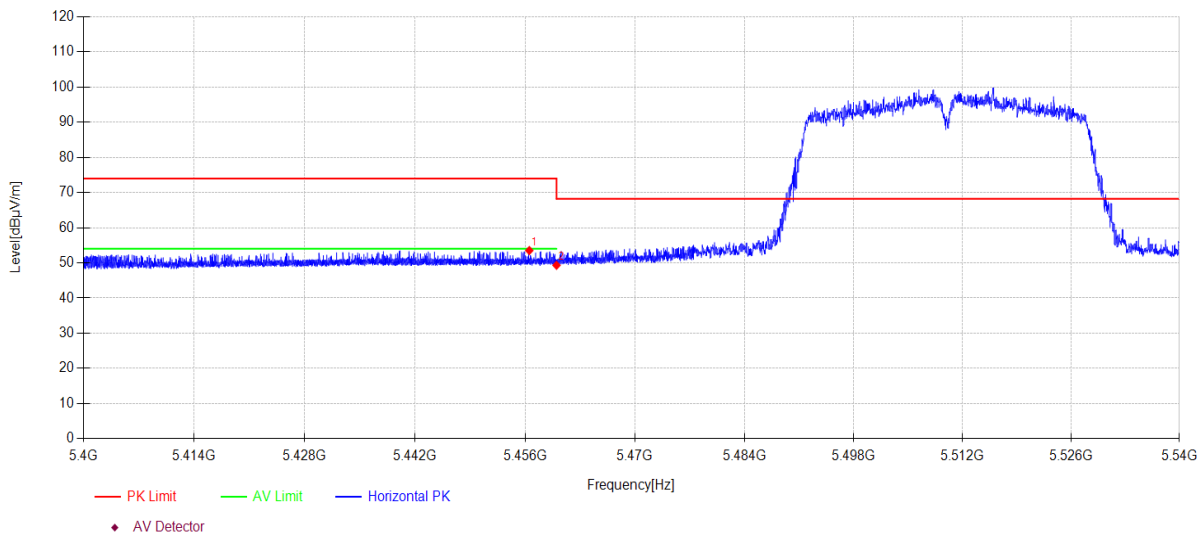
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Memo:

Sample Number:S23111312-02 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	5456.53	14.78	33.00	5.74	0.00	53.52	74.00	20.48	PK	Horizontal
2	5460.00	10.59	33.00	5.74	0.00	49.33	68.20	18.87	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11N40MIMO 5510MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

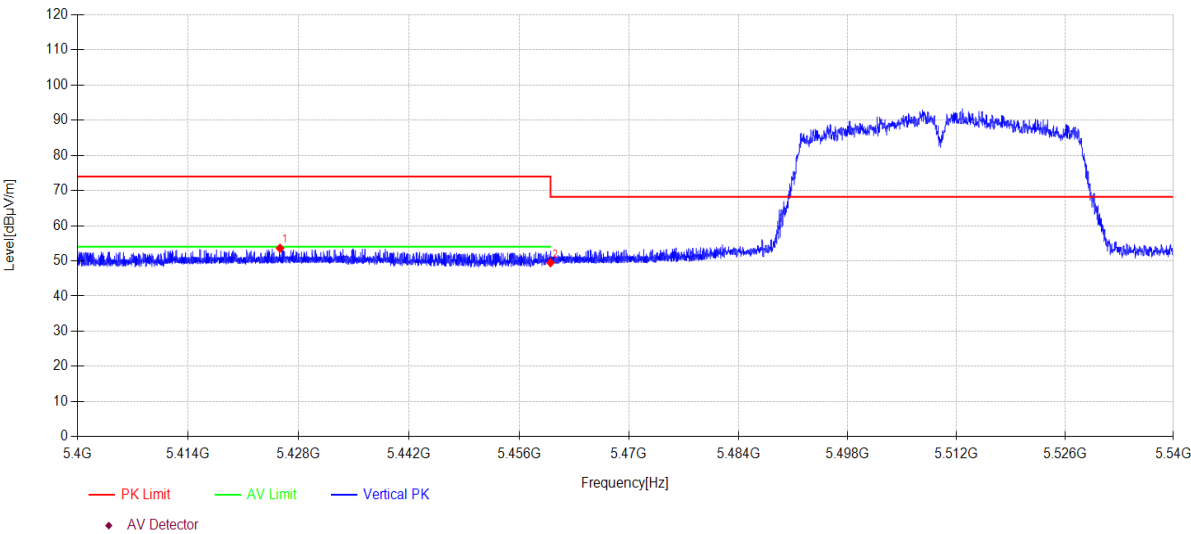
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Memo:

Sample Number:S23111312-02 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	5425.62	14.84	33.05	5.72	0.00	53.61	74.00	20.39	PK	Vertical
2	5460.00	10.75	33.00	5.74	0.00	49.49	68.20	18.71	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AC40MIMO 5510MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

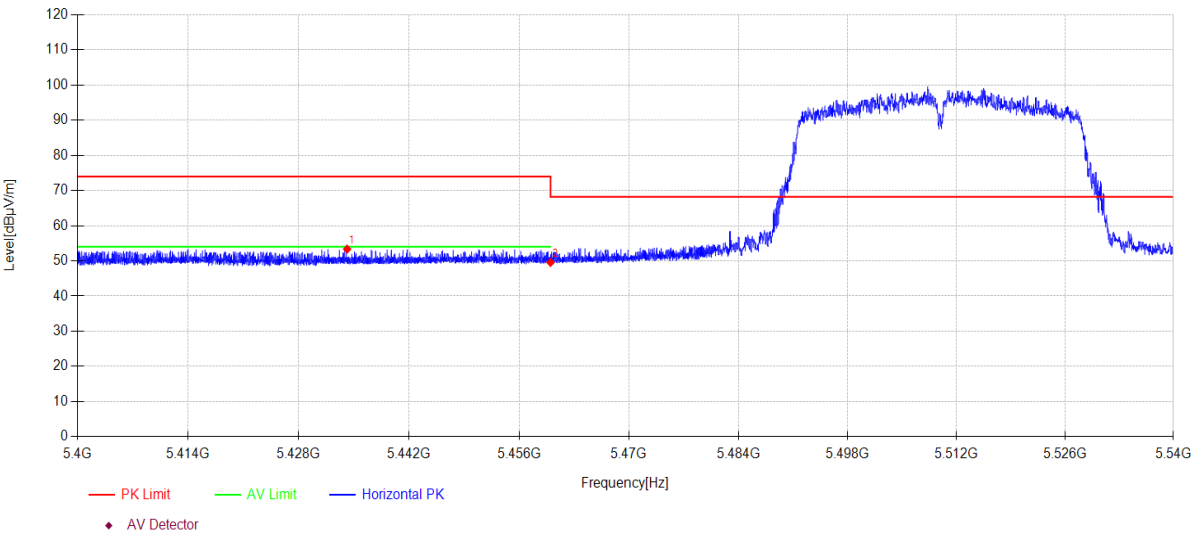
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Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5434.13	14.60	33.03	5.73	0.00	53.36	74.00	20.64	PK	Horizontal
2	5460.00	10.82	33.00	5.74	0.00	49.56	68.20	18.64	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AC40MIMO 5510MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

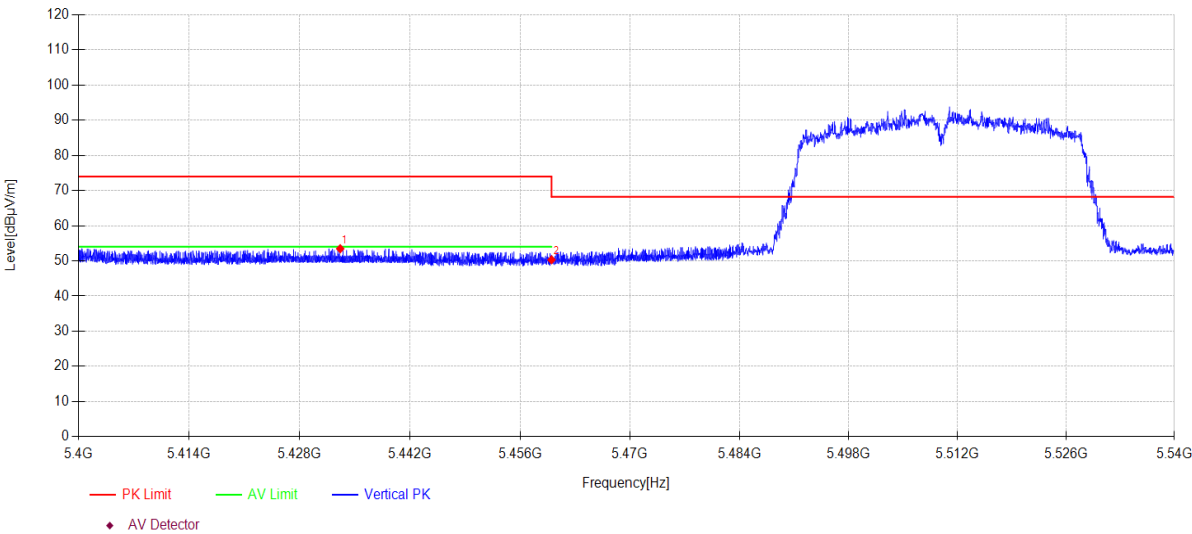
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\80

Memo:

Sample Number:S23111312-02 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	5433.12	14.70	33.03	5.73	0.00	53.46	74.00	20.54	PK	Vertical
2	5460.00	11.58	33.00	5.74	0.00	50.32	68.20	17.88	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AX40MIMO 5510MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

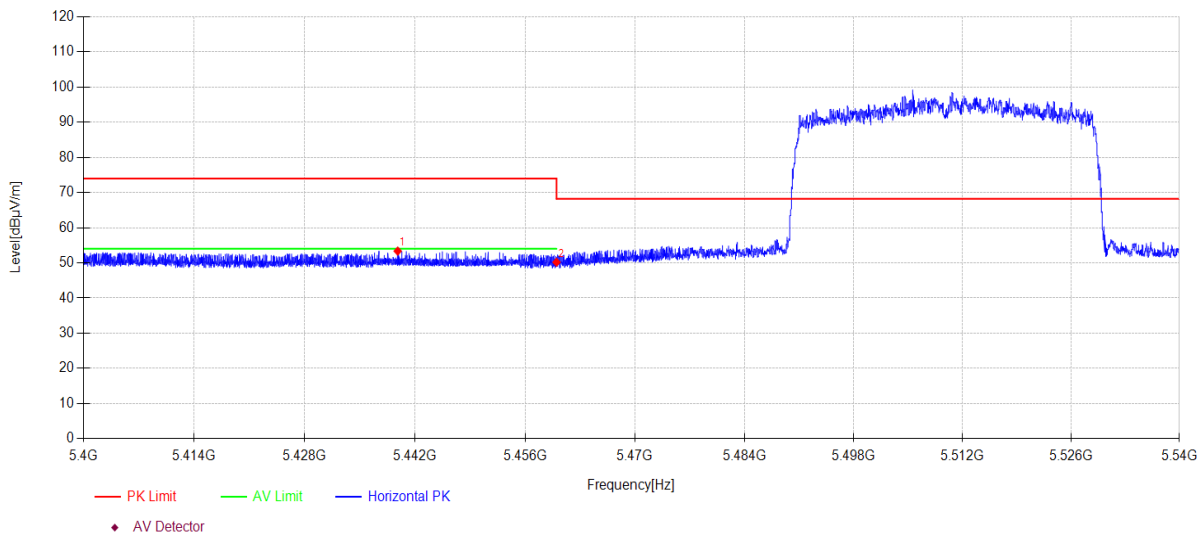
File Path:

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Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5439.79	14.61	33.02	5.73	0.00	53.36	74.00	20.64	PK	Horizontal
2	5460.00	11.46	33.00	5.74	0.00	50.20	68.20	18.00	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AX40MIMO 5510MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

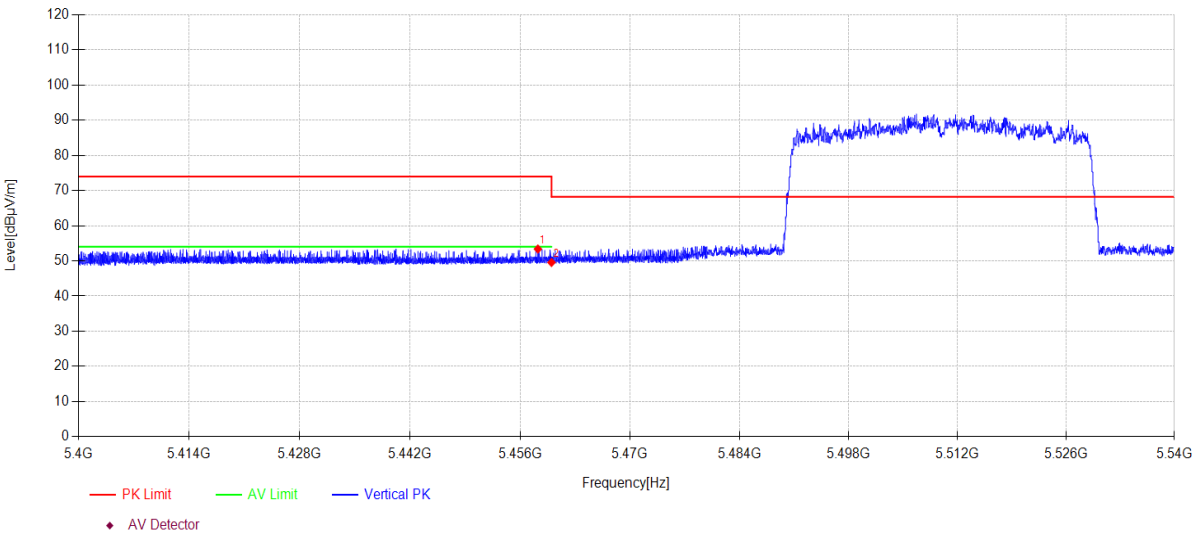
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\82

Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.27	14.64	33.00	5.74	0.00	53.38	74.00	20.62	PK	Vertical
2	5460.00	10.82	33.00	5.74	0.00	49.56	68.20	18.64	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AC80MIMO 5530MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

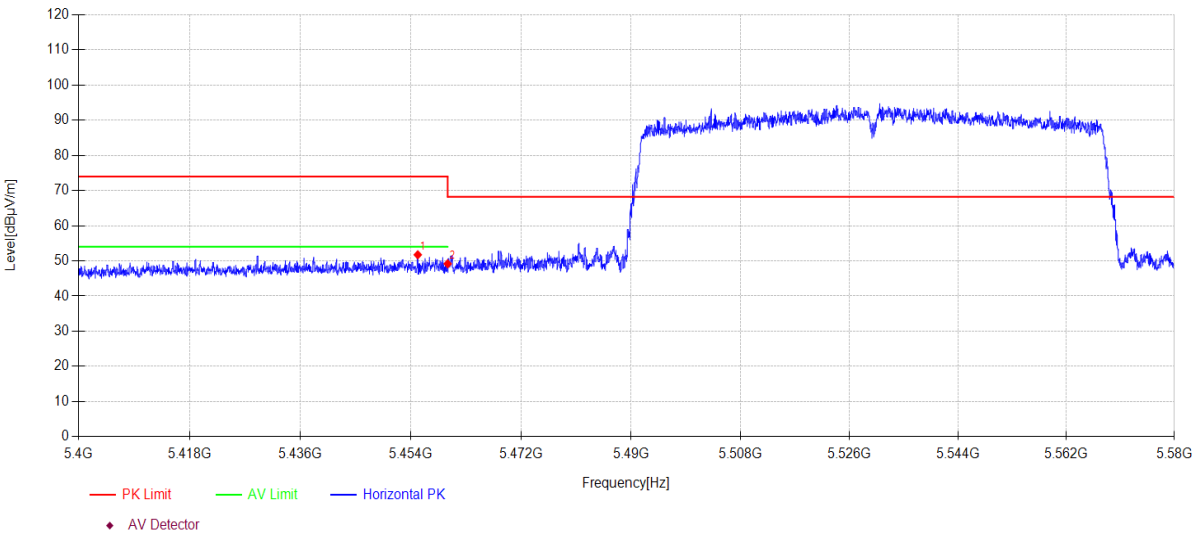
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\83

Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5455.12	13.00	33.00	5.74	0.00	51.74	74.00	22.26	PK	Horizontal
2	5460.00	10.44	33.00	5.74	0.00	49.18	68.20	19.02	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AC80MIMO 5530MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

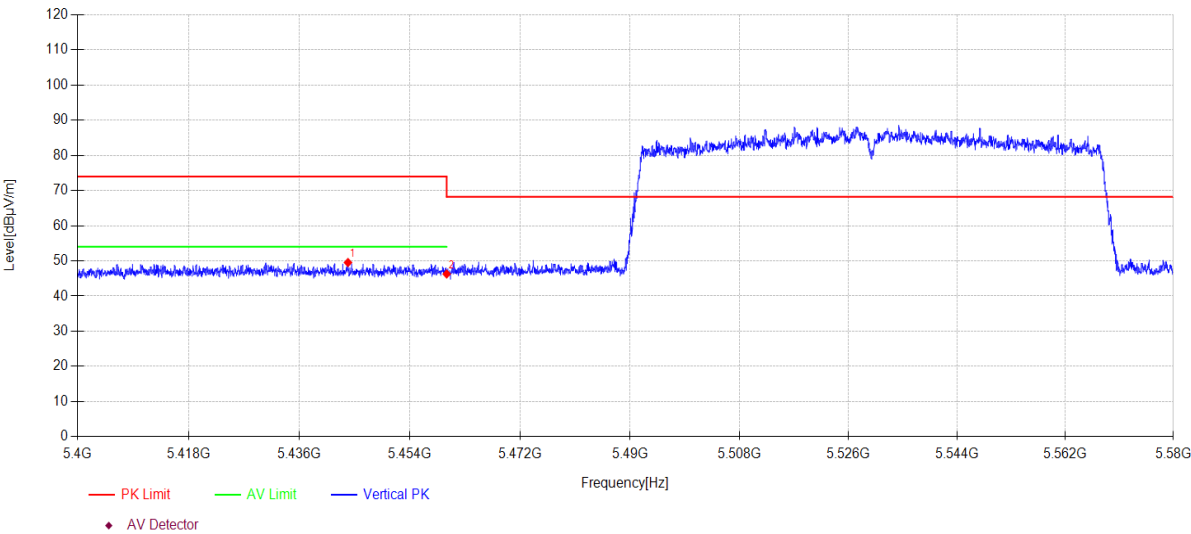
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\84

Memo:

Sample Number:S23111312-02 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	5443.90	10.80	33.01	5.73	0.00	49.54	74.00	24.46	PK	Vertical
2	5460.00	7.54	33.00	5.74	0.00	46.28	68.20	21.92	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AX80MIMO 5530MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

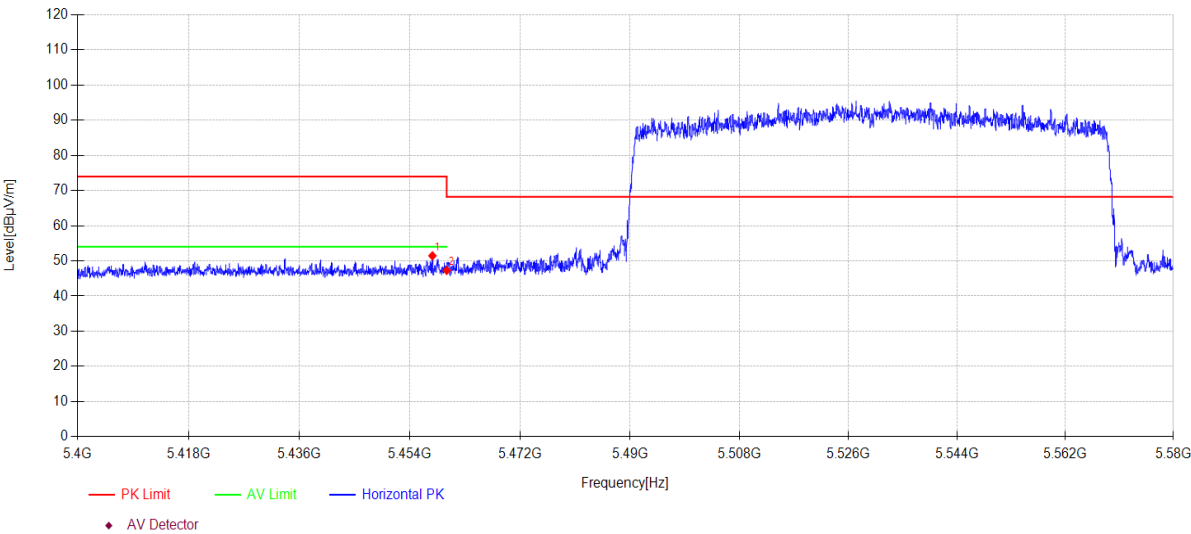
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\85

Memo:

Sample Number:S23111312-02 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	5457.67	12.71	33.00	5.74	0.00	51.45	74.00	22.55	PK	Horizontal
2	5460.00	8.55	33.00	5.74	0.00	47.29	68.20	20.91	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AX80MIMO 5530MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

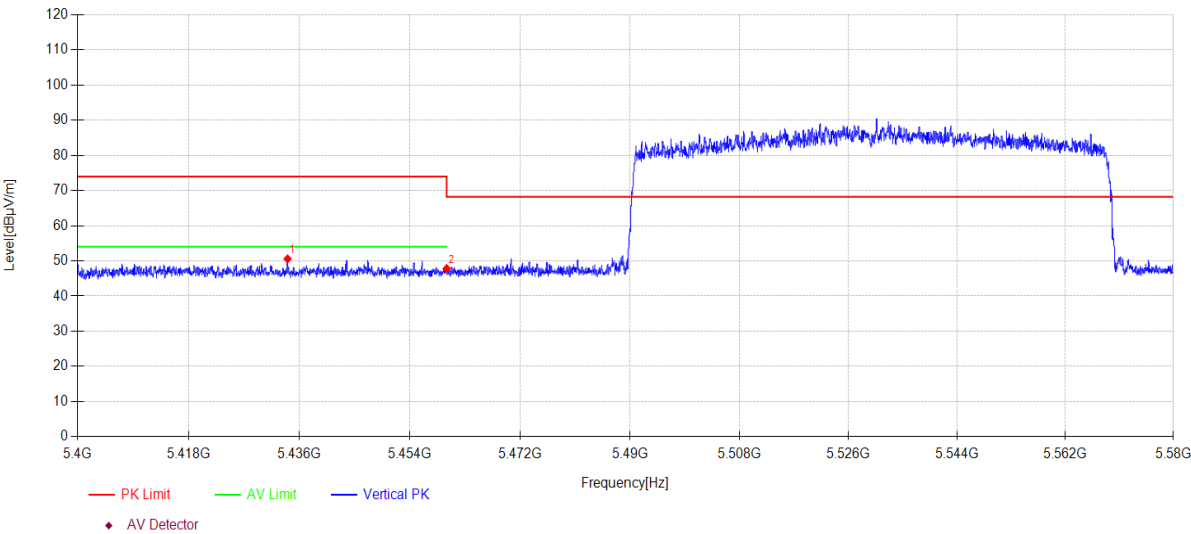
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\86

Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5434.07	11.81	33.03	5.73	0.00	50.57	74.00	23.43	PK	Vertical
2	5460.00	9.07	33.00	5.74	0.00	47.81	68.20	20.39	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AC80MIMO 5610MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

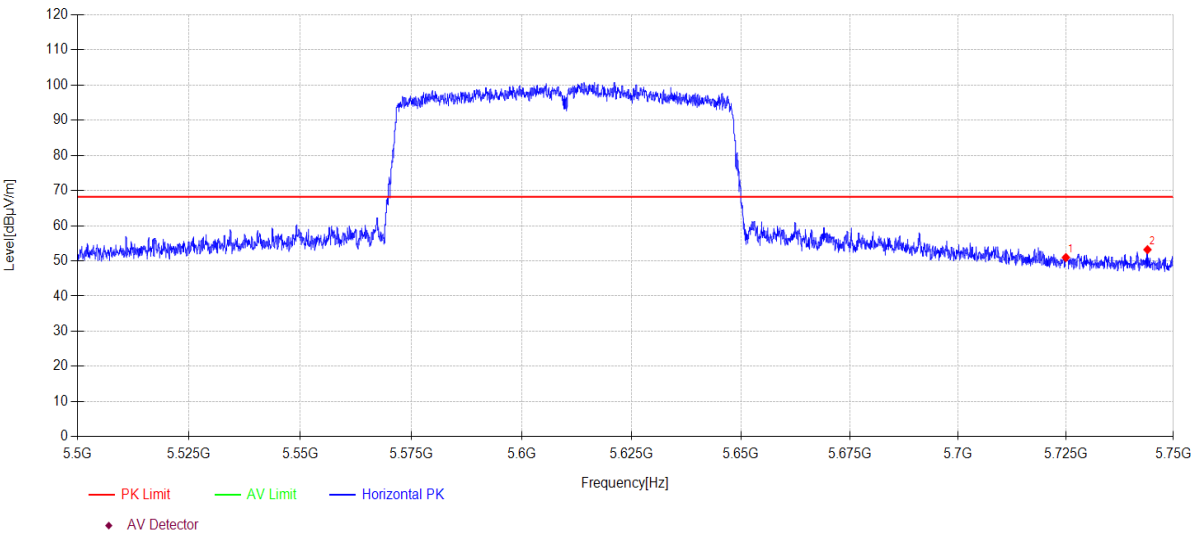
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\87

Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	11.34	33.75	5.87	0.00	50.96	68.20	17.24	PK	Horizontal
2	5743.98	13.46	33.86	5.88	0.00	53.20	68.20	15.00	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AC80MIMO 5610MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

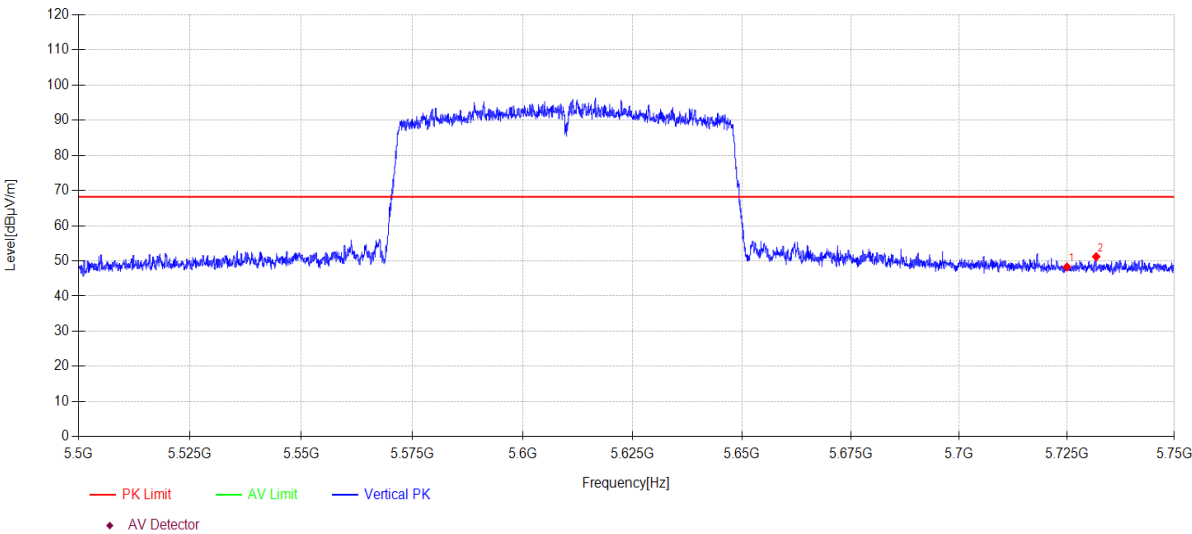
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\88

Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	8.64	33.75	5.87	0.00	48.26	68.20	19.94	PK	Vertical
2	5731.80	11.53	33.79	5.88	0.00	51.20	68.20	17.00	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AX80MIMO 5610MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

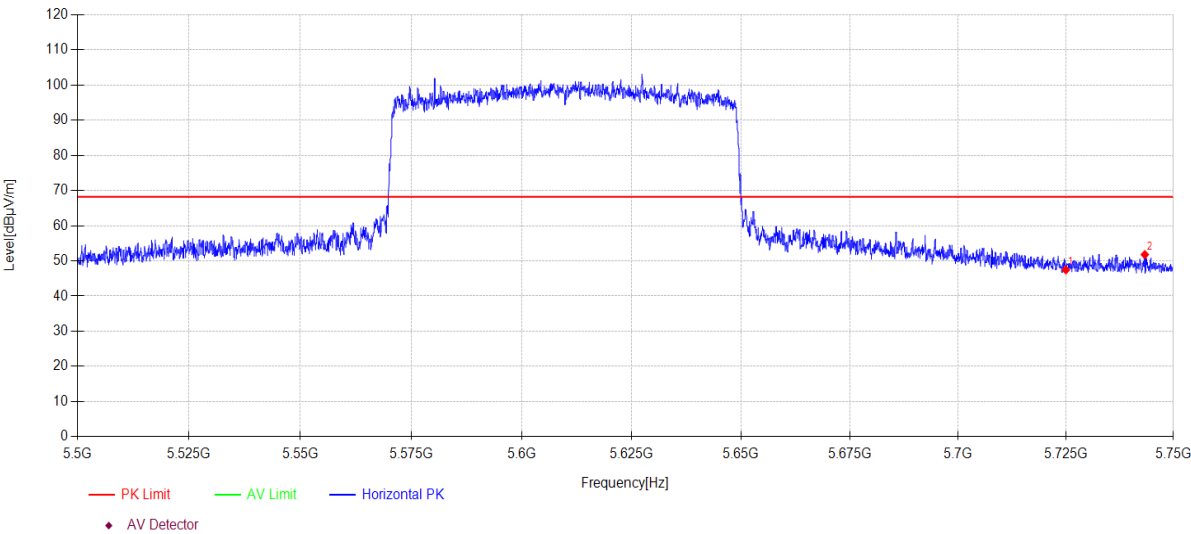
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Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	7.83	33.75	5.87	0.00	47.45	68.20	20.75	PK	Horizontal
2	5743.35	12.04	33.86	5.88	0.00	51.78	68.20	16.42	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AX80MIMO 5610MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

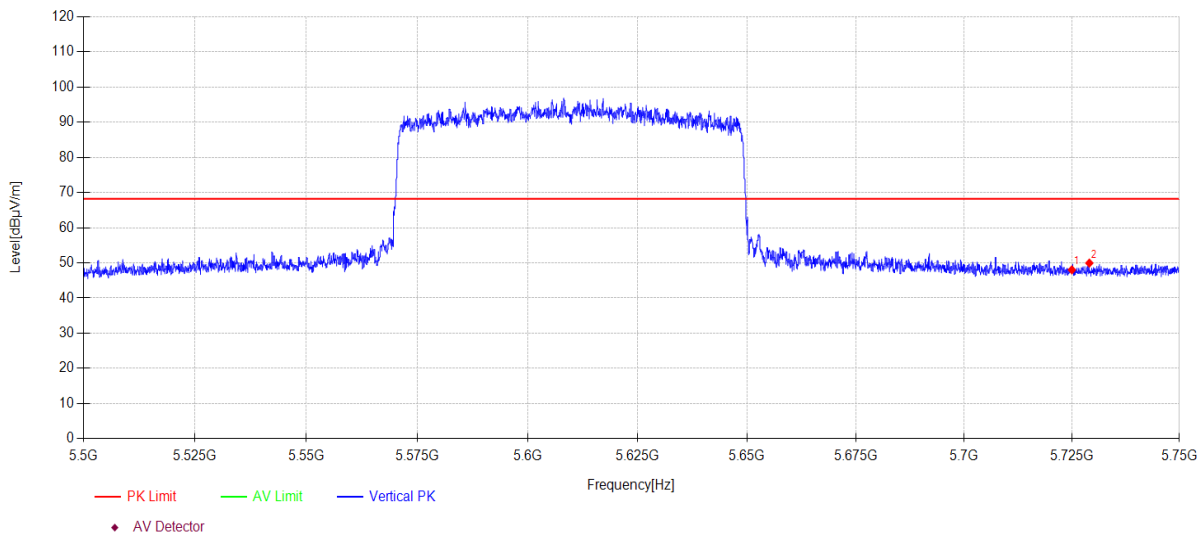
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Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	8.40	33.75	5.87	0.00	48.02	68.20	20.18	PK	Vertical
2	5729.05	10.31	33.77	5.87	0.00	49.95	68.20	18.25	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11N40MIMO 5670MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

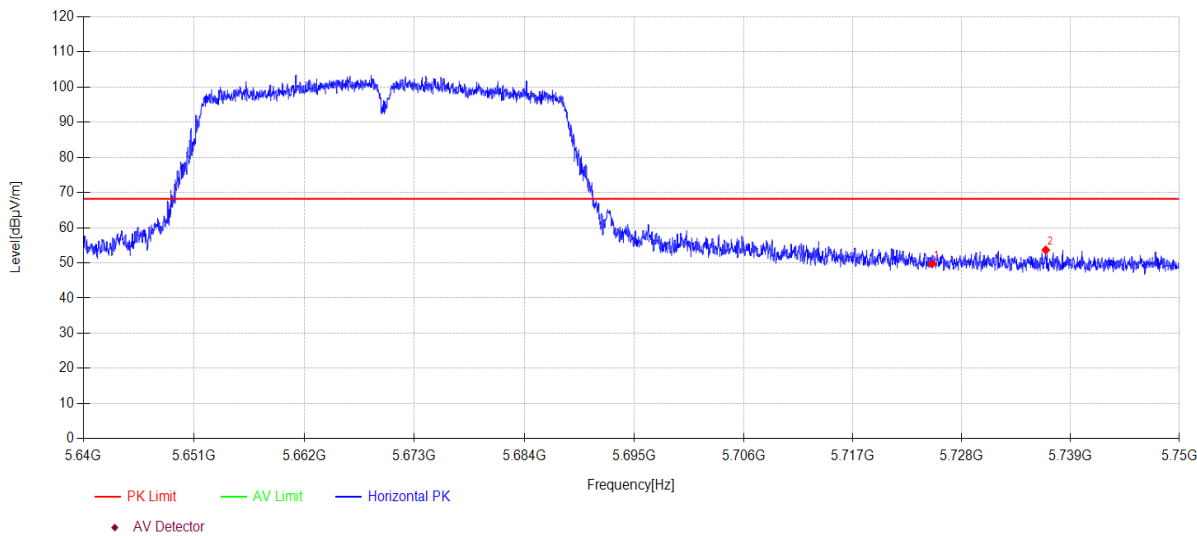
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Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	10.13	33.75	5.87	0.00	49.75	68.20	18.45	PK	Horizontal
2	5736.48	13.97	33.82	5.88	0.00	53.67	68.20	14.53	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11N40MIMO 5670MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

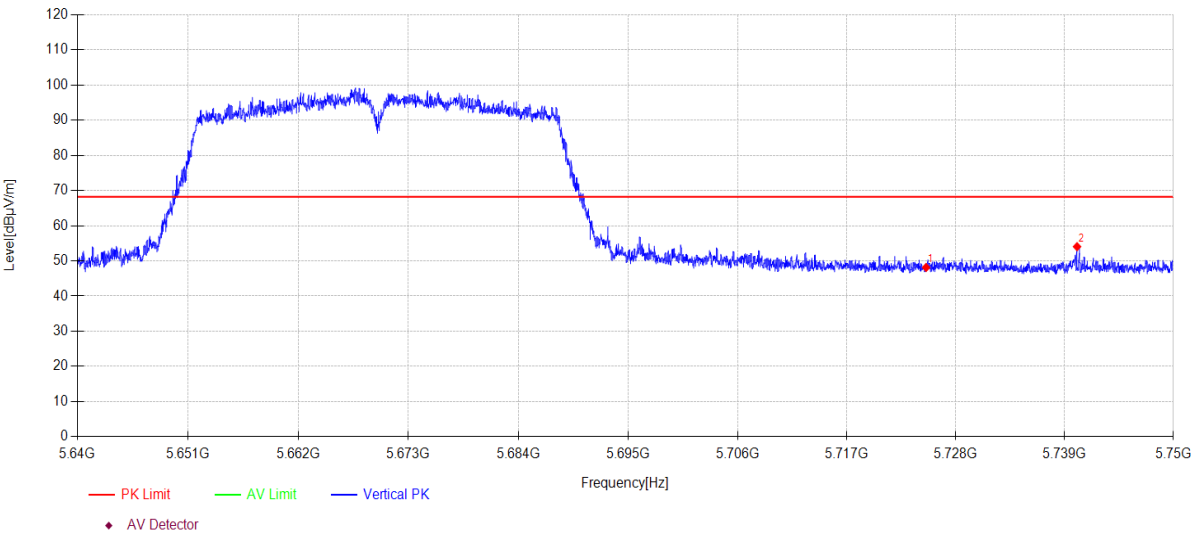
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Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	8.52	33.75	5.87	0.00	48.14	68.20	20.06	PK	Vertical
2	5740.25	14.33	33.84	5.88	0.00	54.05	68.20	14.15	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AC40MIMO 5670MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

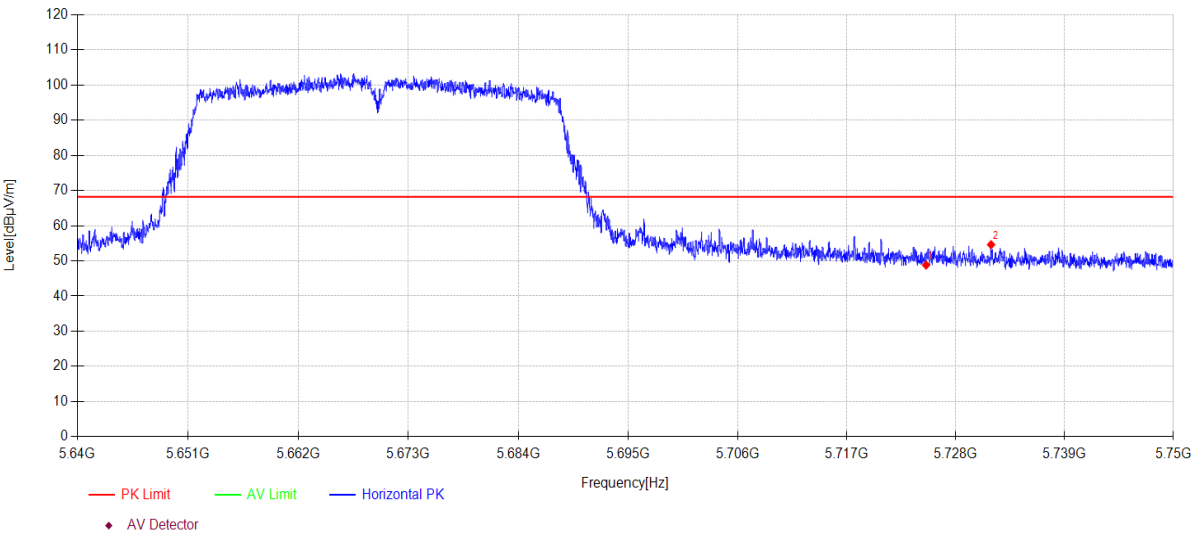
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Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	9.20	33.75	5.87	0.00	48.82	68.20	19.38	PK	Horizontal
2	5731.56	14.95	33.79	5.88	0.00	54.62	68.20	13.58	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AC40MIMO 5670MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

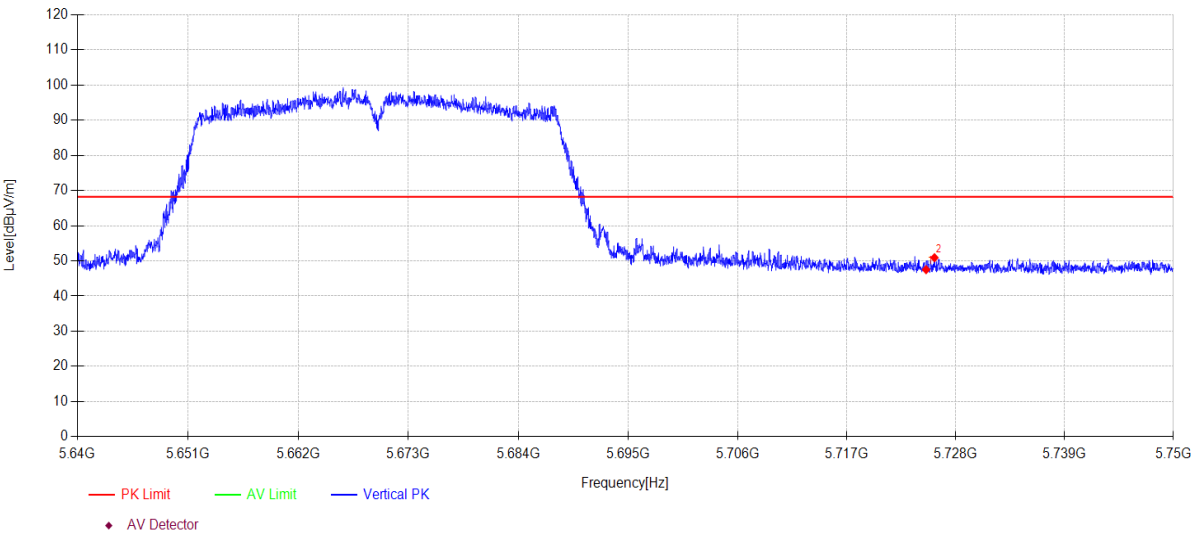
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\94

Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	7.90	33.75	5.87	0.00	47.52	68.20	20.68	PK	Vertical
2	5725.84	11.29	33.76	5.87	0.00	50.92	68.20	17.28	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

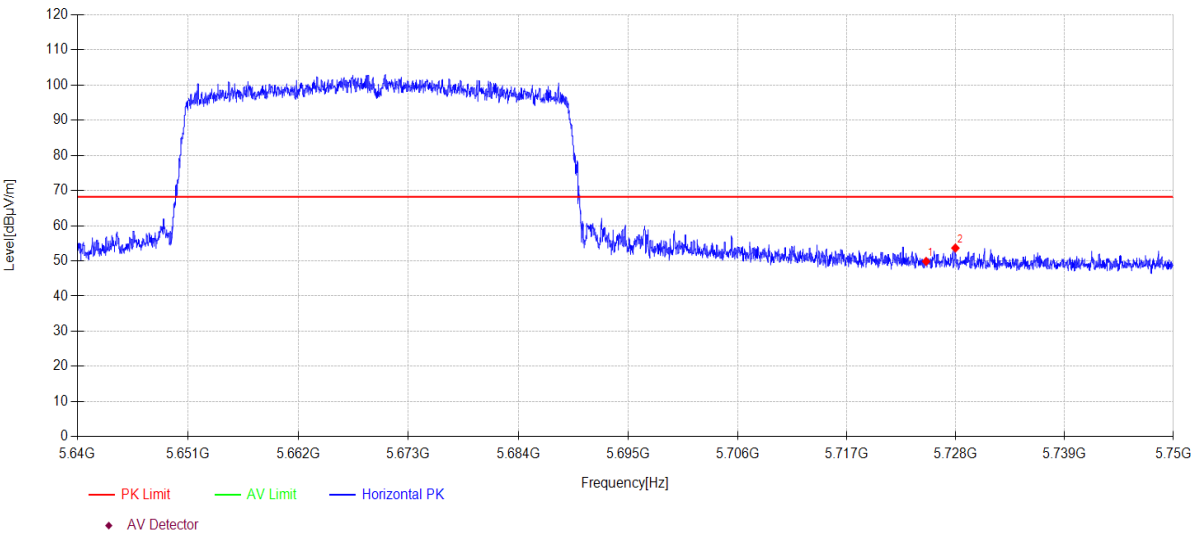
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\95

Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	10.24	33.75	5.87	0.00	49.86	68.20	18.34	PK	Horizontal
2	5727.96	14.02	33.77	5.87	0.00	53.66	68.20	14.54	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

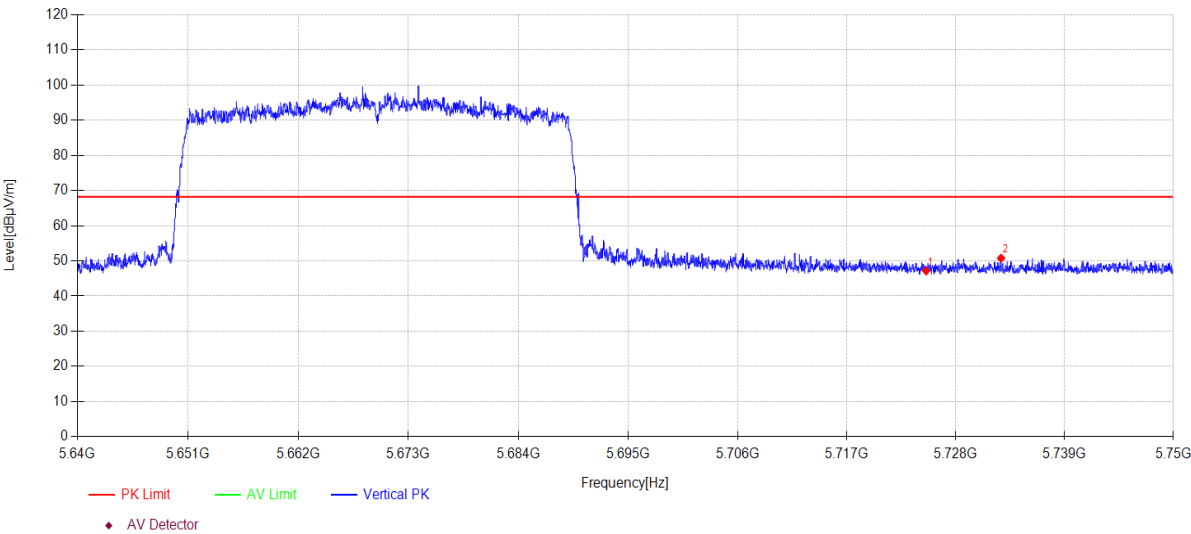
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\96

Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	7.54	33.75	5.87	0.00	47.16	68.20	21.04	PK	Vertical
2	5732.57	11.09	33.80	5.88	0.00	50.77	68.20	17.43	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

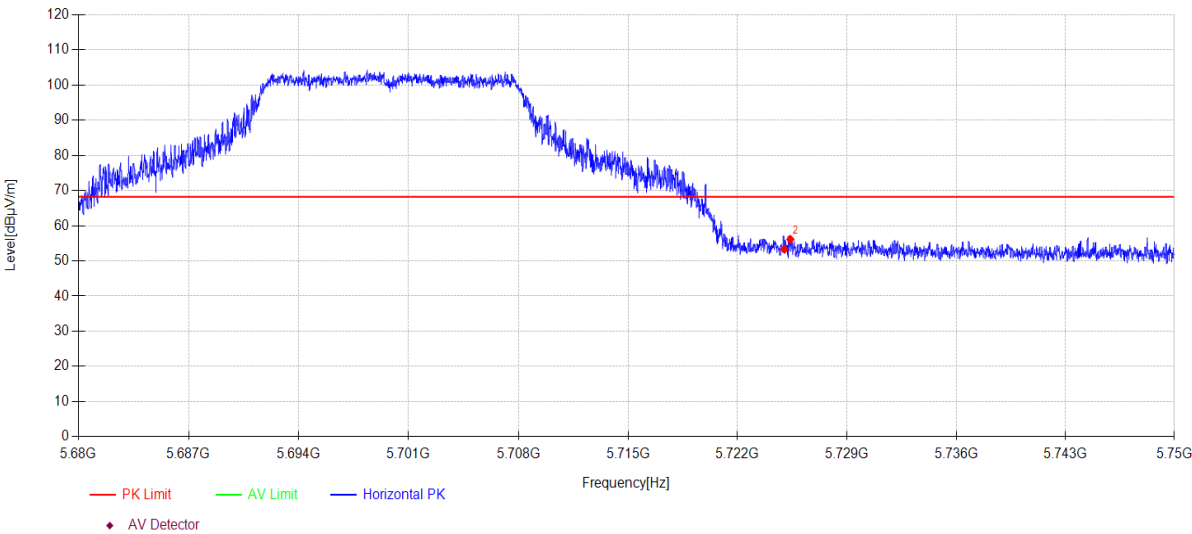
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\97

Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	13.70	33.75	5.87	0.00	53.32	68.20	14.88	PK	Horizontal
2	5725.38	16.50	33.75	5.87	0.00	56.12	68.20	12.08	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

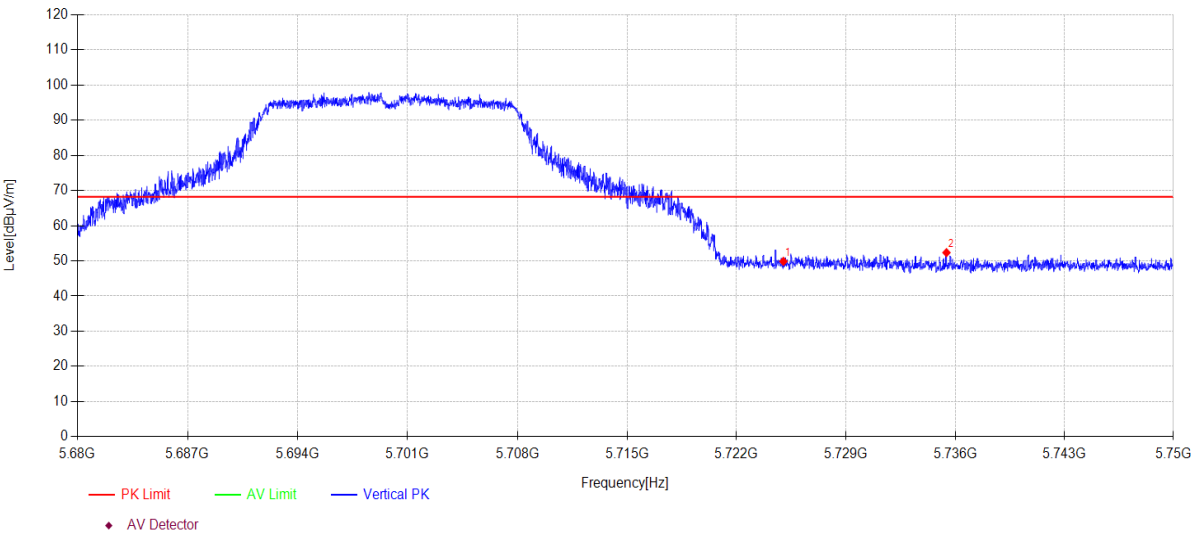
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Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	10.25	33.75	5.87	0.00	49.87	68.20	18.33	PK	Vertical
2	5735.44	12.66	33.81	5.88	0.00	52.35	68.20	15.85	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

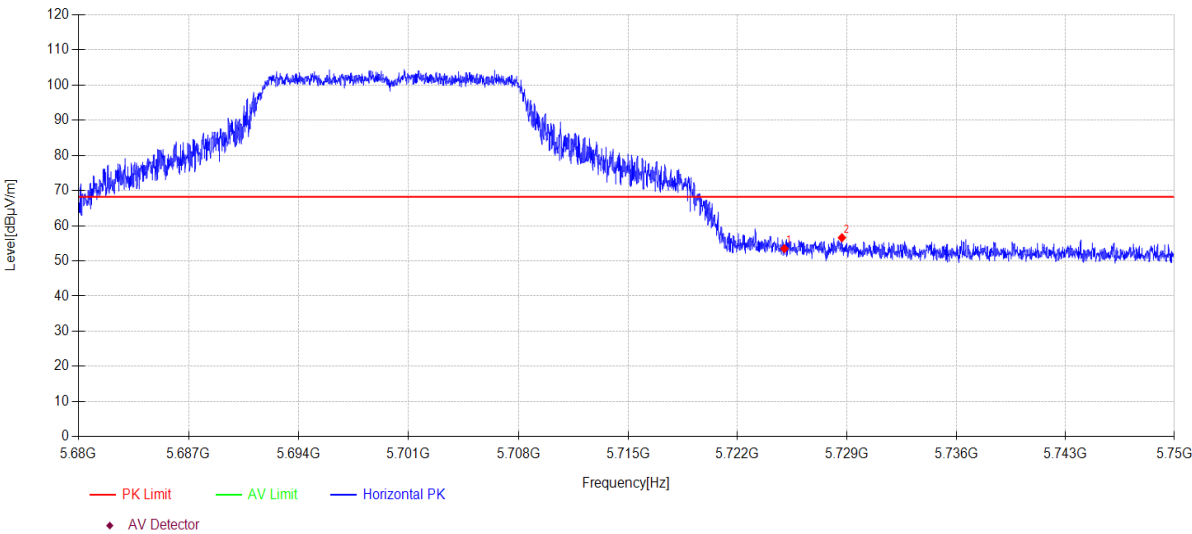
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Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	13.87	33.75	5.87	0.00	53.49	68.20	14.71	PK	Horizontal
2	5728.68	16.95	33.77	5.87	0.00	56.59	68.20	11.61	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

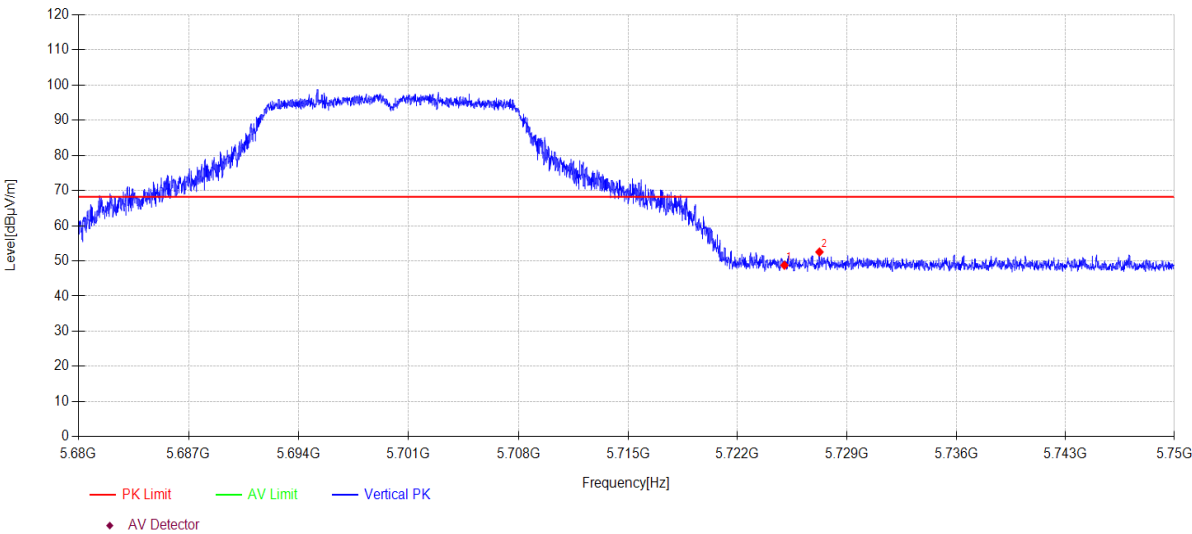
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\100

Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	9.12	33.75	5.87	0.00	48.74	68.20	19.46	PK	Vertical
2	5727.24	12.90	33.76	5.87	0.00	52.53	68.20	15.67	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

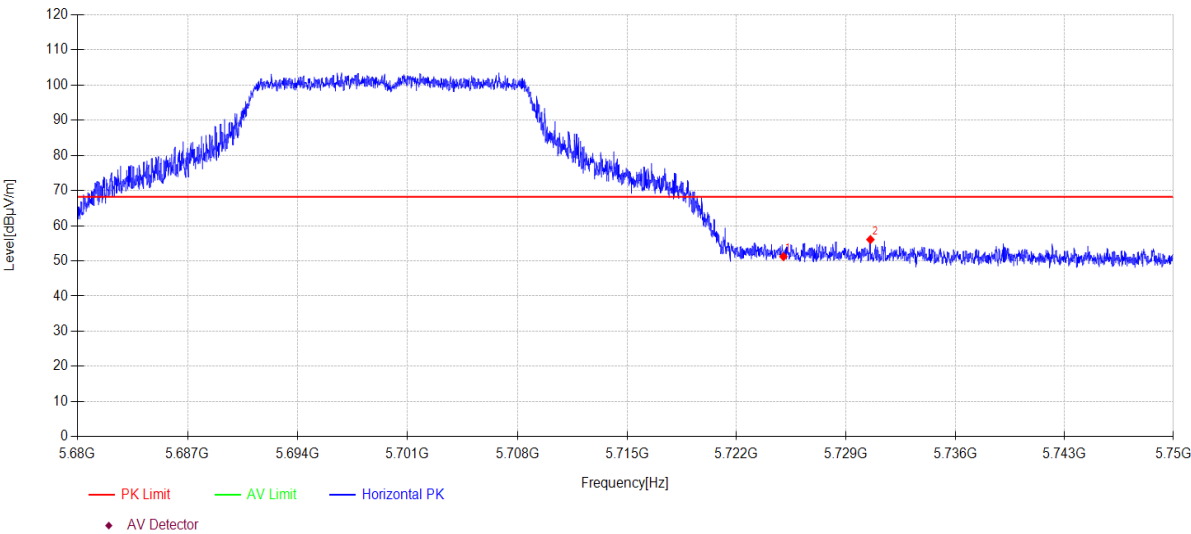
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Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	11.62	33.75	5.87	0.00	51.24	68.20	16.96	PK	Horizontal
2	5730.57	16.41	33.78	5.88	0.00	56.07	68.20	12.13	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

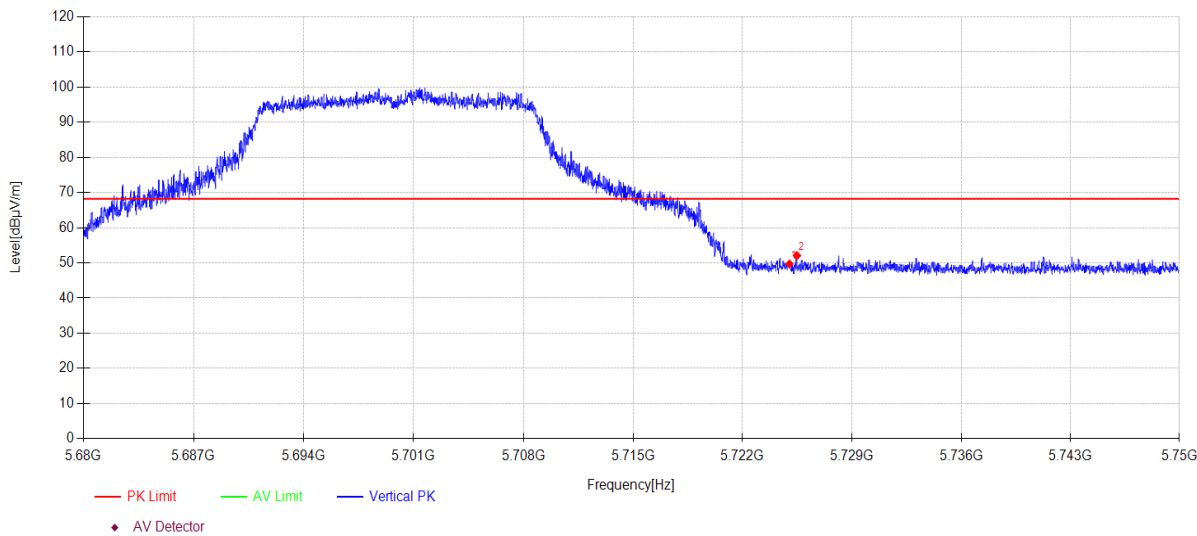
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\102

Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	10.08	33.75	5.87	0.00	49.70	68.20	18.50	PK	Vertical
2	5725.48	12.46	33.75	5.87	0.00	52.08	68.20	16.12	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

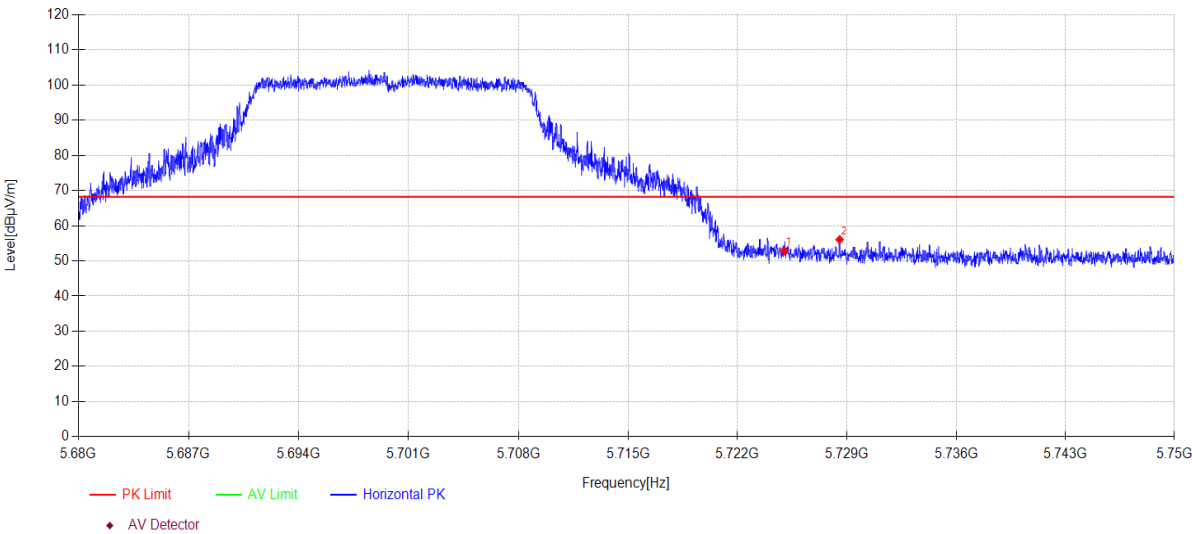
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\103

Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	13.19	33.75	5.87	0.00	52.81	68.20	15.39	PK	Horizontal
2	5728.53	16.40	33.77	5.87	0.00	56.04	68.20	12.16	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

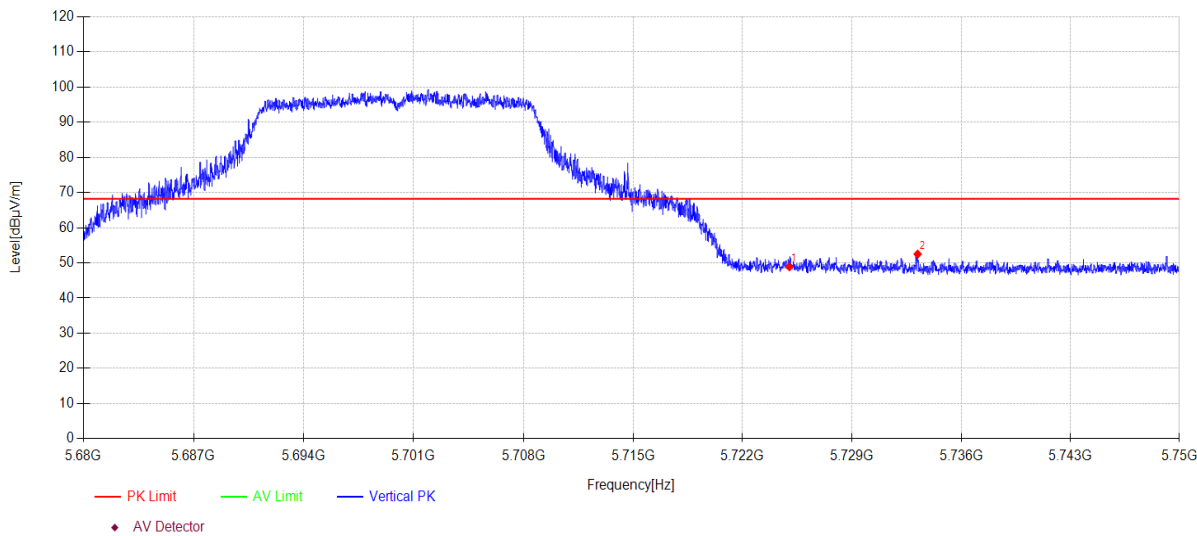
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\104

Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	9.28	33.75	5.87	0.00	48.90	68.20	19.30	PK	Vertical
2	5733.21	12.82	33.80	5.88	0.00	52.50	68.20	15.70	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

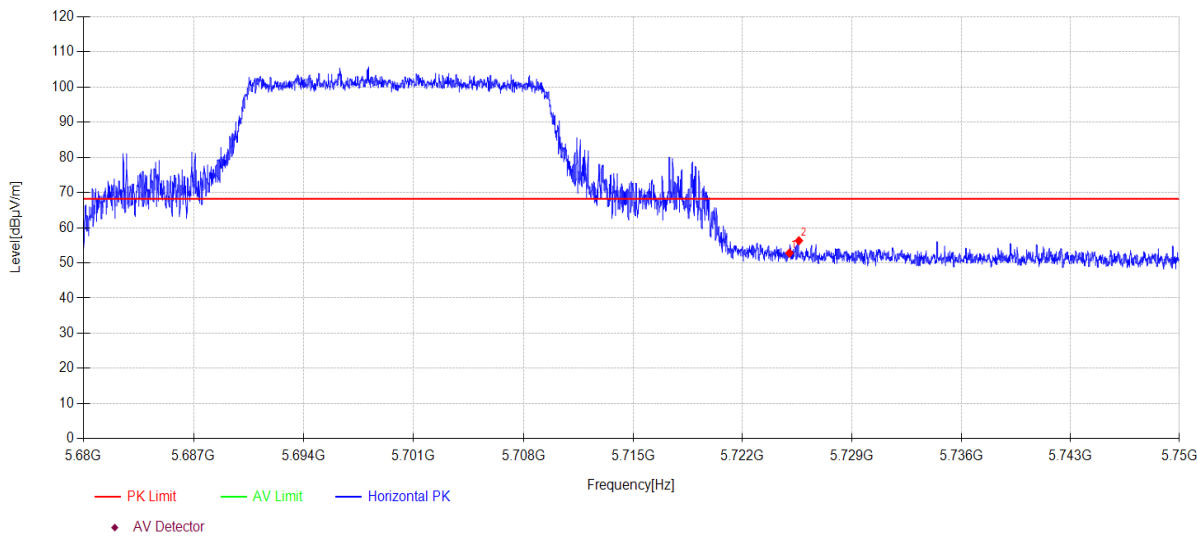
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Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	13.16	33.75	5.87	0.00	52.78	68.20	15.42	PK	Horizontal
2	5725.61	16.69	33.75	5.87	0.00	56.31	68.20	11.89	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

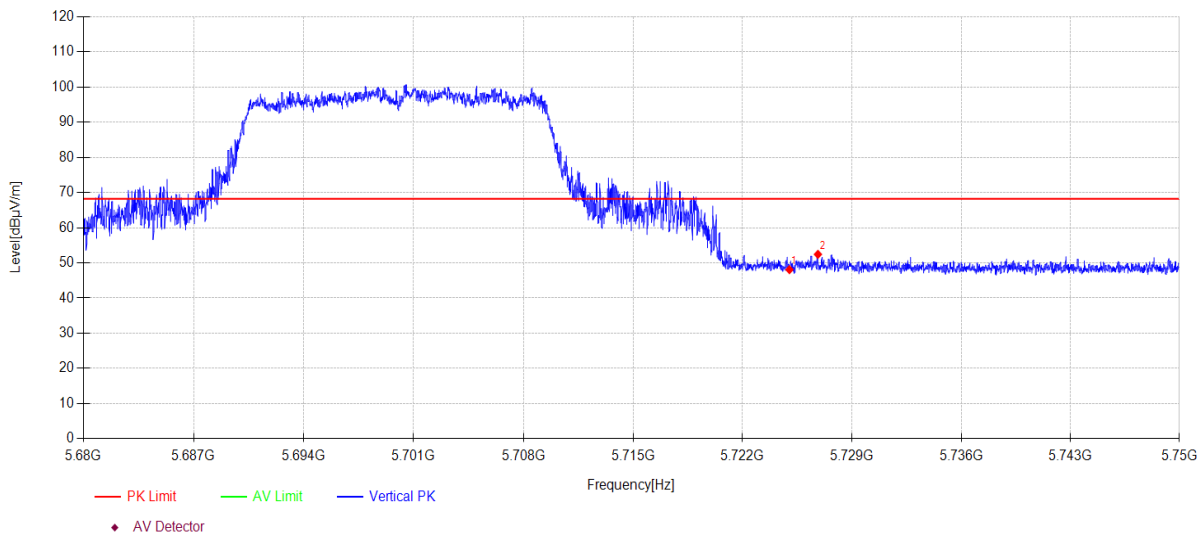
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\106

Memo:

Sample Number:S23111312-02 Power Setting:NA

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	8.46	33.75	5.87	0.00	48.08	68.20	20.12	PK	Vertical
2	5726.82	12.81	33.76	5.87	0.00	52.44	68.20	15.76	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: 2024-02-02 Tested By: Bairong

EUT: Wireless Speaker Model Number: BOOMBOX 3 Wi-Fi

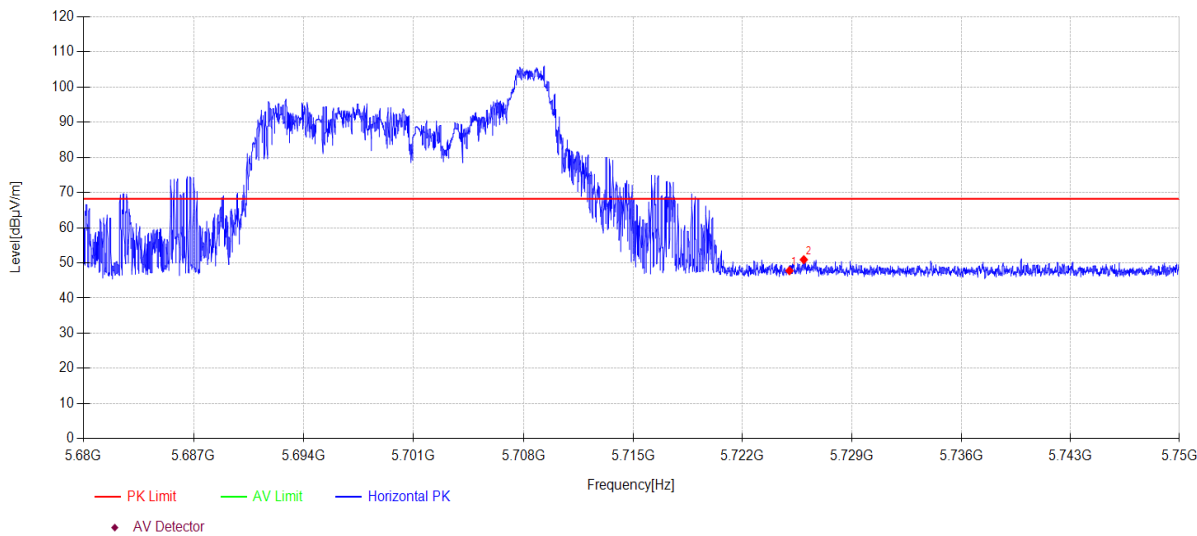
Test Mode: 11AX20MIMO RU8 5700MHz TX Power Supply: AC 120V/60Hz

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

File Path: d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\107

Memo: Sample Number:S23111312-02 Power Setting:7

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	8.15	33.75	5.87	0.00	47.77	68.20	20.43	PK	Horizontal
2	5725.92	11.28	33.76	5.87	0.00	50.91	68.20	17.29	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

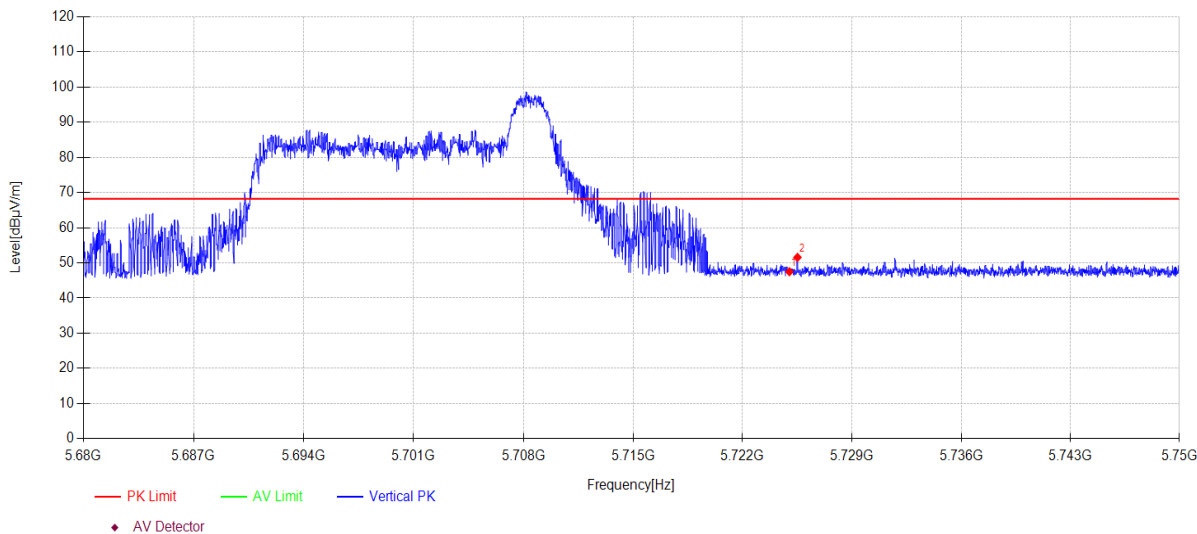
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Memo:

Sample Number:S23111312-02 Power Setting:7

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	7.88	33.75	5.87	0.00	47.50	68.20	20.70	PK	Vertical
2	5725.51	11.96	33.75	5.87	0.00	51.58	68.20	16.62	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

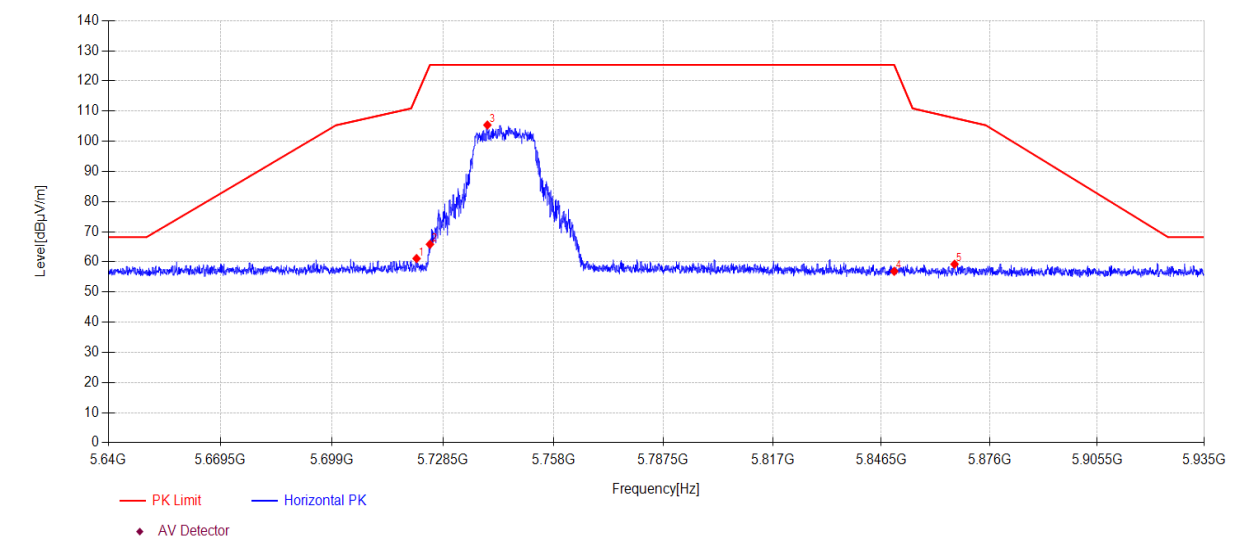
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5.8GWIFI\7

Memo:

Sample Number:S23111312-02 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	5721.45	21.51	33.73	5.87	0.00	61.11	115.07	53.96	PK	Horizontal
2	5725.00	26.21	33.75	5.87	0.00	65.83	125.30	59.47	PK	Horizontal
3	5740.33	65.66	33.84	5.88	0.00	105.38	125.30	19.92	PK	Horizontal
4	5850.00	16.94	34.00	5.94	0.00	56.88	125.27	68.39	PK	Horizontal
5	5866.44	19.26	34.03	5.94	0.00	59.23	107.70	48.47	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

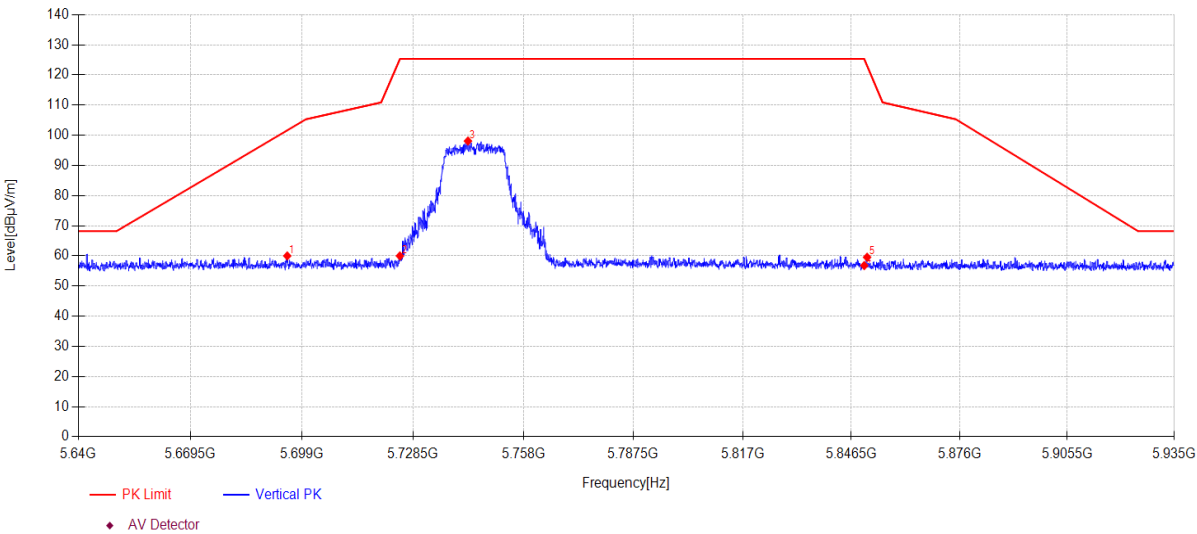
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5.8GWIFI\8

Memo:

Sample Number:S23111312-02 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	5695.08	20.55	33.58	5.86	0.00	59.99	101.65	41.66	PK	Vertical
2	5725.00	20.37	33.75	5.87	0.00	59.99	125.30	65.31	PK	Vertical
3	5743.16	58.35	33.86	5.88	0.00	98.09	125.30	27.21	PK	Vertical
4	5850.00	16.85	34.00	5.94	0.00	56.79	125.27	68.48	PK	Vertical
5	5850.78	19.61	34.00	5.94	0.00	59.55	123.06	63.51	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

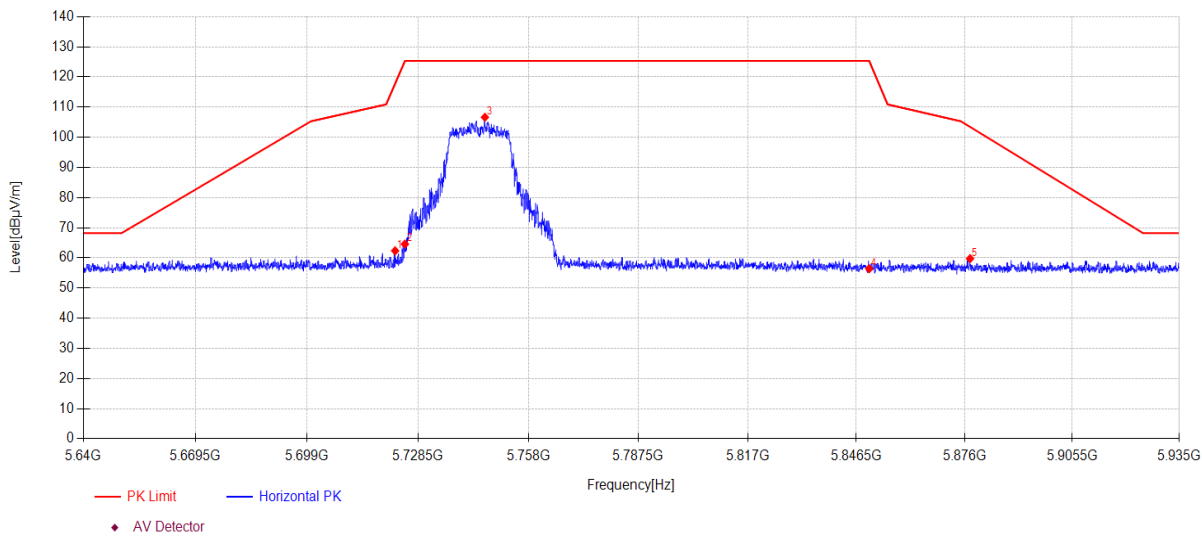
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5.8GWIFI\9

Memo:

Sample Number:S23111312-02 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	5722.39	22.75	33.73	5.87	0.00	62.35	117.79	55.44	PK	Horizontal
2	5725.00	24.94	33.75	5.87	0.00	64.56	125.30	60.74	PK	Horizontal
3	5746.35	66.89	33.88	5.88	0.00	106.65	125.30	18.65	PK	Horizontal
4	5850.00	16.47	34.00	5.94	0.00	56.41	125.27	68.86	PK	Horizontal
5	5877.50	19.75	34.06	5.95	0.00	59.76	103.44	43.68	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

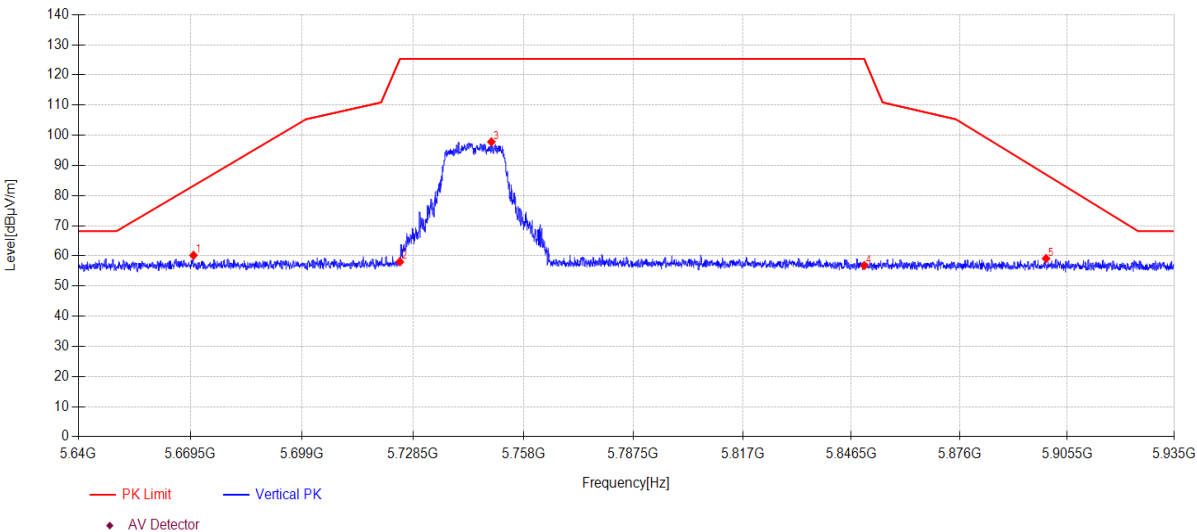
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Memo:

Sample Number:S23111312-02 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	5670.30	20.85	33.48	5.85	0.00	60.18	83.26	23.08	PK	Vertical
2	5725.00	18.40	33.75	5.87	0.00	58.02	125.30	67.28	PK	Vertical
3	5749.42	58.03	33.90	5.88	0.00	97.81	125.30	27.49	PK	Vertical
4	5850.00	16.86	34.00	5.94	0.00	56.80	125.27	68.47	PK	Vertical
5	5899.69	19.06	34.10	5.96	0.00	59.12	86.98	27.86	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

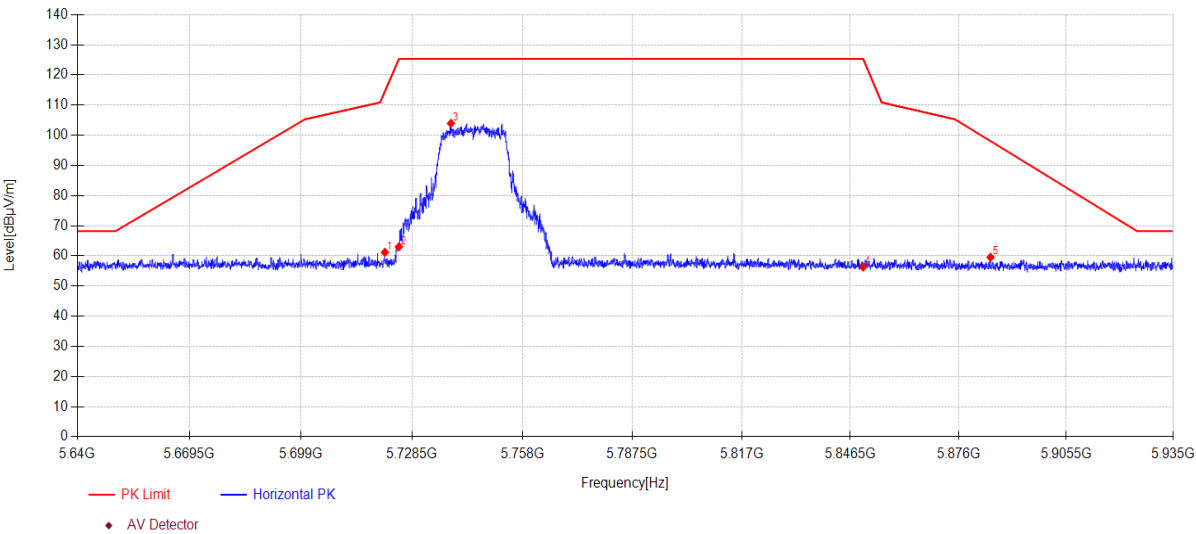
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Memo:

Sample Number:S23111312-02 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	5721.27	21.57	33.73	5.87	0.00	61.17	114.56	53.39	PK	Horizontal
2	5725.00	23.37	33.75	5.87	0.00	62.99	125.30	62.31	PK	Horizontal
3	5738.88	64.23	33.83	5.88	0.00	103.94	125.30	21.36	PK	Horizontal
4	5850.00	16.38	34.00	5.94	0.00	56.32	125.27	68.95	PK	Horizontal
5	5884.76	19.53	34.07	5.95	0.00	59.55	98.06	38.51	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

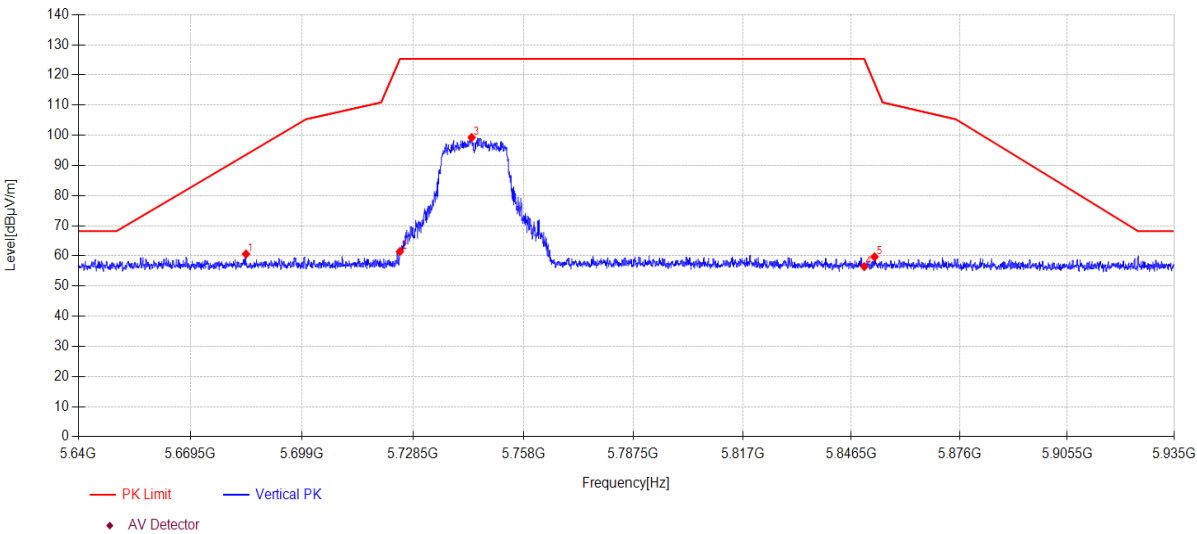
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5.8GWIFI\12

Memo:

Sample Number:S23111312-02 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	5684.16	21.22	33.54	5.85	0.00	60.61	93.55	32.94	PK	Vertical
2	5725.00	21.83	33.75	5.87	0.00	61.45	125.30	63.85	PK	Vertical
3	5744.14	59.53	33.86	5.88	0.00	99.27	125.30	26.03	PK	Vertical
4	5850.00	16.51	34.00	5.94	0.00	56.45	125.27	68.82	PK	Vertical
5	5852.81	19.72	34.01	5.94	0.00	59.67	117.20	57.53	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

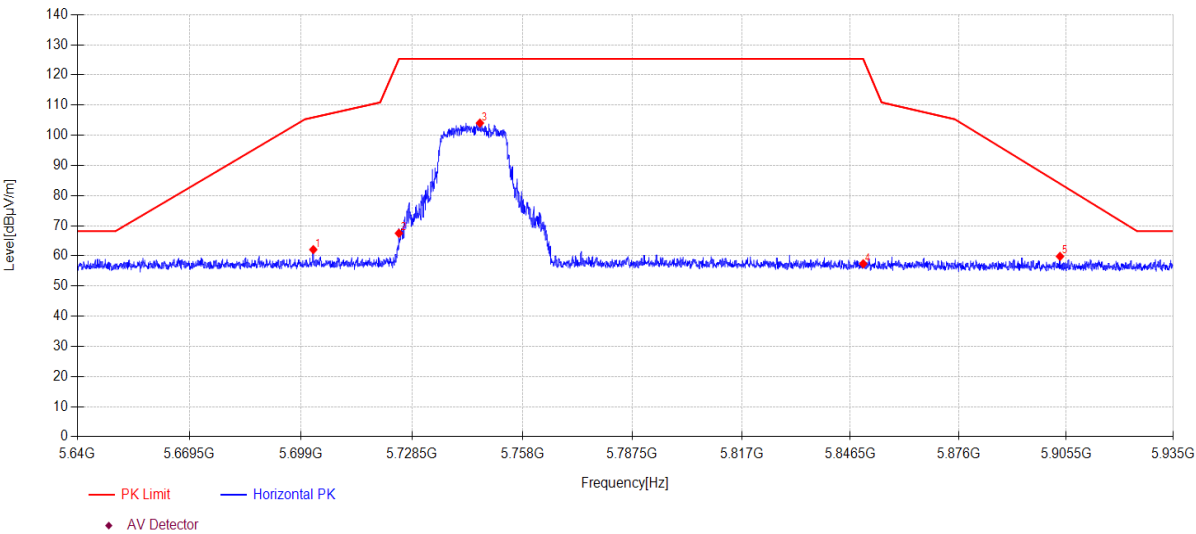
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d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5.8GWIFI\13

Memo:

Sample Number:S23111312-02 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	5702.25	22.61	33.61	5.86	0.00	62.08	105.93	43.85	PK	Horizontal
2	5725.00	27.88	33.75	5.87	0.00	67.50	125.30	57.80	PK	Horizontal
3	5746.61	64.29	33.88	5.88	0.00	104.05	125.30	21.25	PK	Horizontal
4	5850.00	17.44	34.00	5.94	0.00	57.38	125.27	67.89	PK	Horizontal
5	5903.79	19.75	34.11	5.96	0.00	59.82	83.94	24.12	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

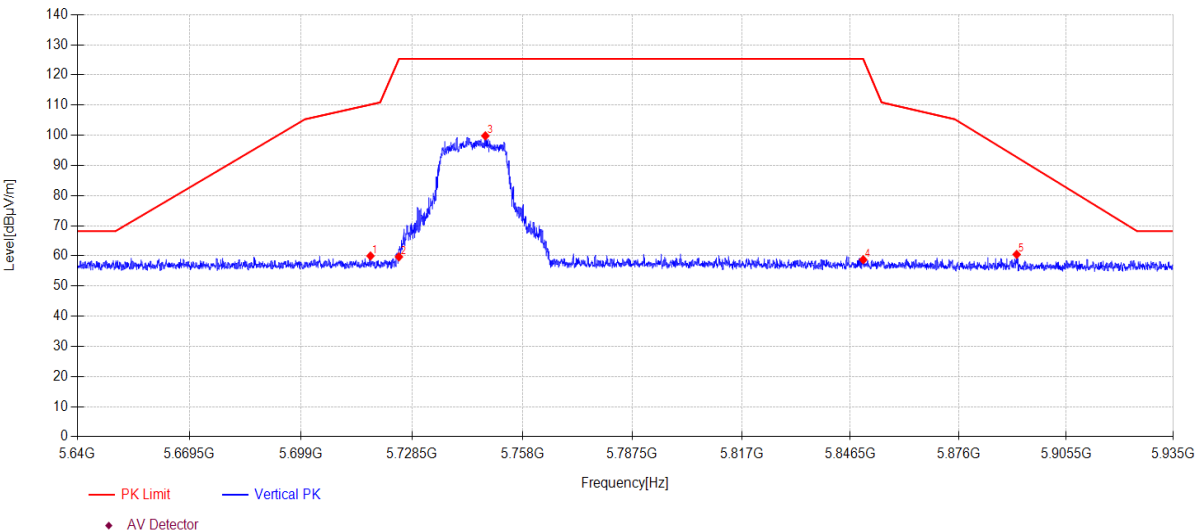
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Memo:

Sample Number:S23111312-02 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	5717.44	20.40	33.70	5.87	0.00	59.97	110.18	50.21	PK	Vertical
2	5725.00	20.07	33.75	5.87	0.00	59.69	125.30	65.61	PK	Vertical
3	5748.06	60.04	33.89	5.88	0.00	99.81	125.30	25.49	PK	Vertical
4	5850.00	18.78	34.00	5.94	0.00	58.72	125.27	66.55	PK	Vertical
5	5891.90	20.43	34.08	5.96	0.00	60.47	92.76	32.29	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

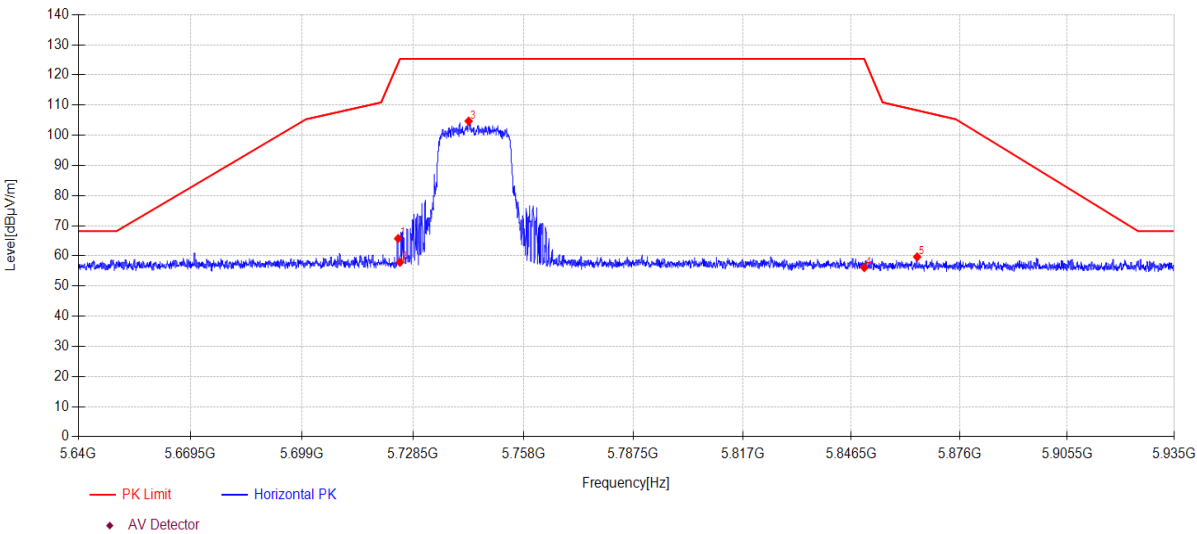
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Memo:

Sample Number:S23111312-02 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	5724.52	26.13	33.75	5.87	0.00	65.75	123.91	58.16	PK	Horizontal
2	5725.00	18.26	33.75	5.87	0.00	57.88	125.30	67.42	PK	Horizontal
3	5743.34	64.95	33.86	5.88	0.00	104.69	125.30	20.61	PK	Horizontal
4	5850.00	16.18	34.00	5.94	0.00	56.12	125.27	69.15	PK	Horizontal
5	5864.44	19.69	34.03	5.94	0.00	59.66	108.26	48.60	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

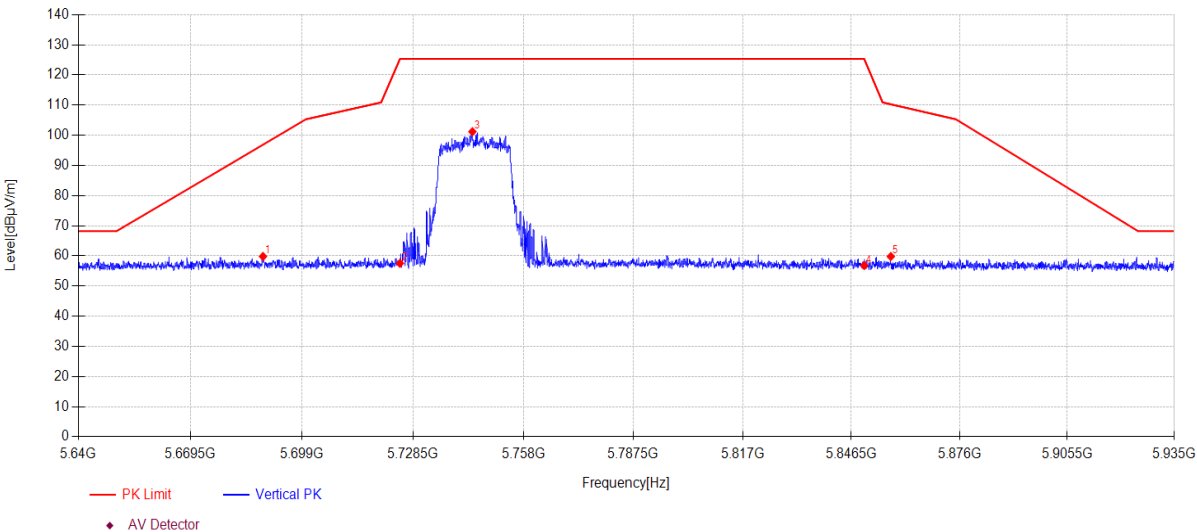
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Memo:

Sample Number:S23111312-02 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	5688.65	20.40	33.55	5.85	0.00	59.80	96.87	37.07	PK	Vertical
2	5725.00	17.90	33.75	5.87	0.00	57.52	125.30	67.78	PK	Vertical
3	5744.34	61.43	33.87	5.88	0.00	101.18	125.30	24.12	PK	Vertical
4	5850.00	16.87	34.00	5.94	0.00	56.81	125.27	68.46	PK	Vertical
5	5857.24	19.85	34.01	5.94	0.00	59.80	110.27	50.47	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

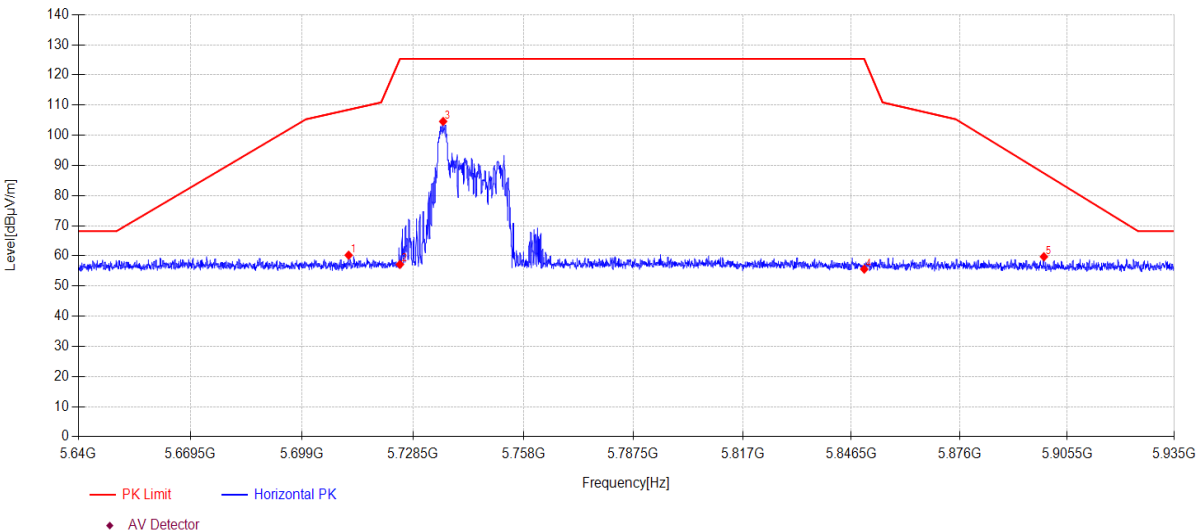
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Memo:

Sample Number:S23111312-02 Power Setting:7

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	5711.36	20.69	33.67	5.87	0.00	60.23	108.48	48.25	PK	Horizontal
2	5725.00	17.54	33.75	5.87	0.00	57.16	125.30	68.14	PK	Horizontal
3	5736.52	64.88	33.82	5.88	0.00	104.58	125.30	20.72	PK	Horizontal
4	5850.00	15.66	34.00	5.94	0.00	55.60	125.27	69.67	PK	Horizontal
5	5899.10	19.67	34.10	5.96	0.00	59.73	87.42	27.69	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 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

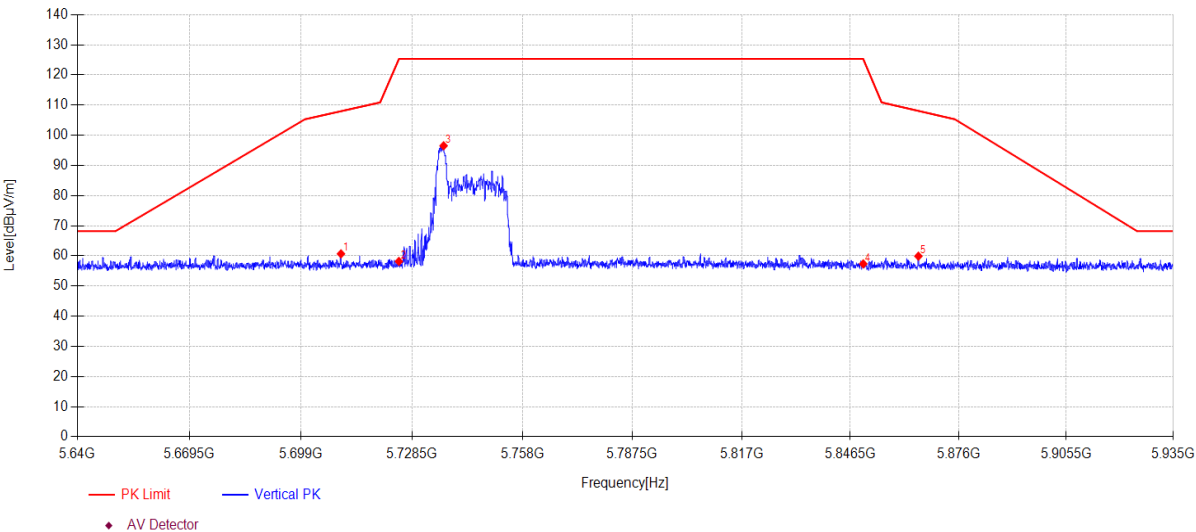
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Memo:

Sample Number:S23111312-02 Power Setting:7

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	5709.59	21.15	33.66	5.86	0.00	60.67	107.99	47.32	PK	Vertical
2	5725.00	18.55	33.75	5.87	0.00	58.17	125.30	67.13	PK	Vertical
3	5736.91	56.82	33.82	5.88	0.00	96.52	125.30	28.78	PK	Vertical
4	5850.00	17.41	34.00	5.94	0.00	57.35	125.27	67.92	PK	Vertical
5	5865.03	19.93	34.03	5.94	0.00	59.90	108.09	48.19	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: 2024-02-02 Tested By: Bairong

EUT: Wireless Speaker Model Number: BOOMBOX 3 Wi-Fi

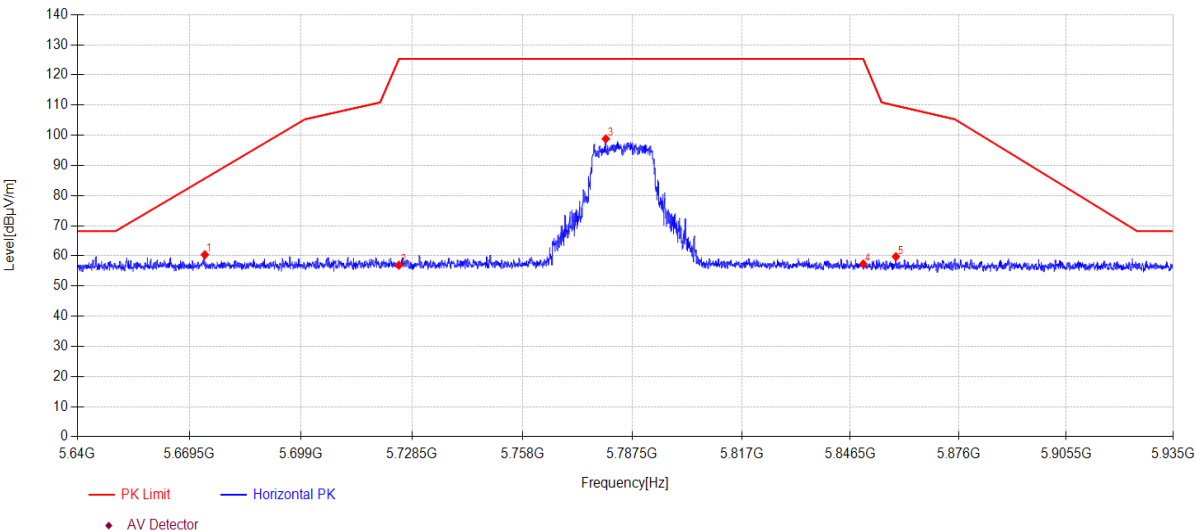
Test Mode: 11A ANT1 5785MHz TX Power Supply: AC 120V/60Hz

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

File Path: d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5.8GWIFI\19

Memo: Sample Number:S23111312-02 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	5673.54	21.04	33.49	5.85	0.00	60.38	85.67	25.29	PK	Horizontal
2	5725.00	17.29	33.75	5.87	0.00	56.91	125.30	68.39	PK	Horizontal
3	5780.36	58.84	34.08	5.90	0.00	98.82	125.30	26.48	PK	Horizontal
4	5850.00	17.38	34.00	5.94	0.00	57.32	125.27	67.95	PK	Horizontal
5	5858.89	19.79	34.02	5.94	0.00	59.75	109.81	50.06	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.