

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

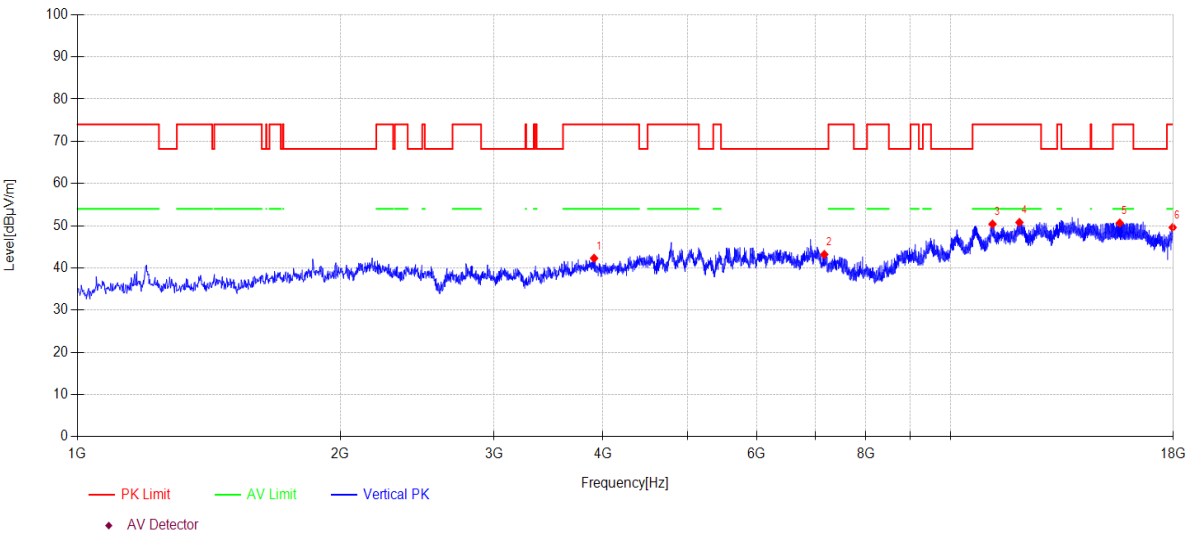
File Path:

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

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	3907.00	45.48	31.19	6.01	-40.39	42.29	74.00	31.71	PK	Vertical
2	7169.30	38.64	36.74	8.93	-41.12	43.19	68.20	25.01	PK	Vertical
3	11172.80	40.66	39.23	9.66	-39.17	50.38	74.00	23.62	PK	Vertical
4	11995.60	40.83	39.19	10.32	-39.56	50.78	74.00	23.22	PK	Vertical
5	15628.50	37.01	38.57	14.20	-39.14	50.64	74.00	23.36	PK	Vertical
6	17969.40	36.86	42.25	12.82	-42.33	49.60	74.00	24.40	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:

11AX20MIMO 5785MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

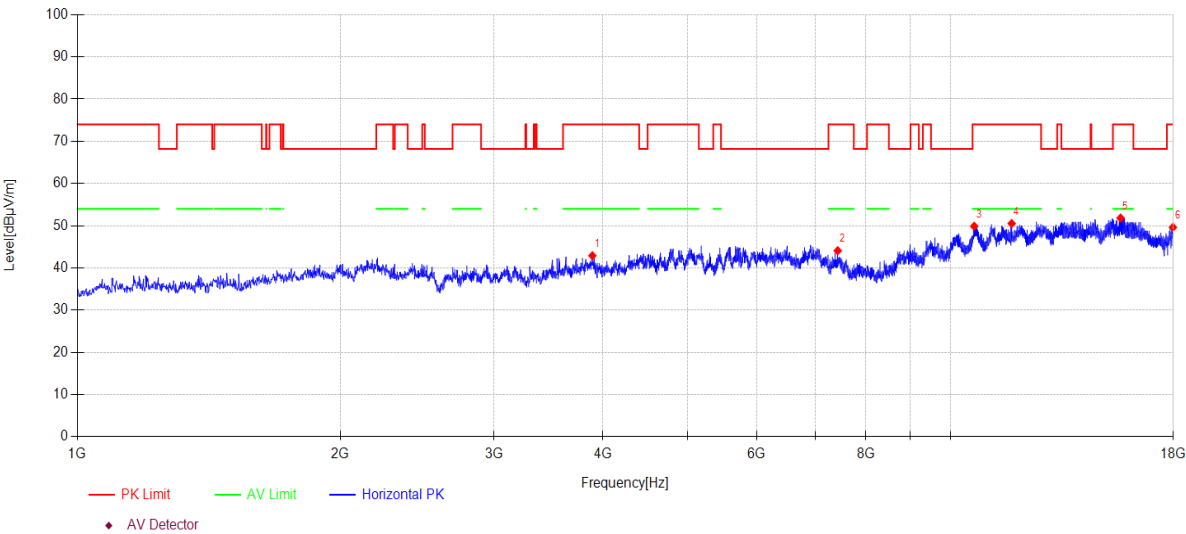
File Path:

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

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	3890.00	46.15	31.14	6.00	-40.38	42.91	74.00	31.09	PK	Horizontal
2	7427.70	40.32	36.64	8.89	-41.77	44.08	74.00	29.92	PK	Horizontal
3	10645.80	40.06	39.29	9.48	-38.96	49.87	74.00	24.13	PK	Horizontal
4	11752.50	40.90	38.95	10.12	-39.44	50.53	74.00	23.47	PK	Horizontal
5	15662.50	38.06	38.54	14.37	-39.16	51.81	74.00	22.19	PK	Horizontal
6	17981.30	36.84	42.31	12.83	-42.36	49.62	74.00	24.38	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 5785MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

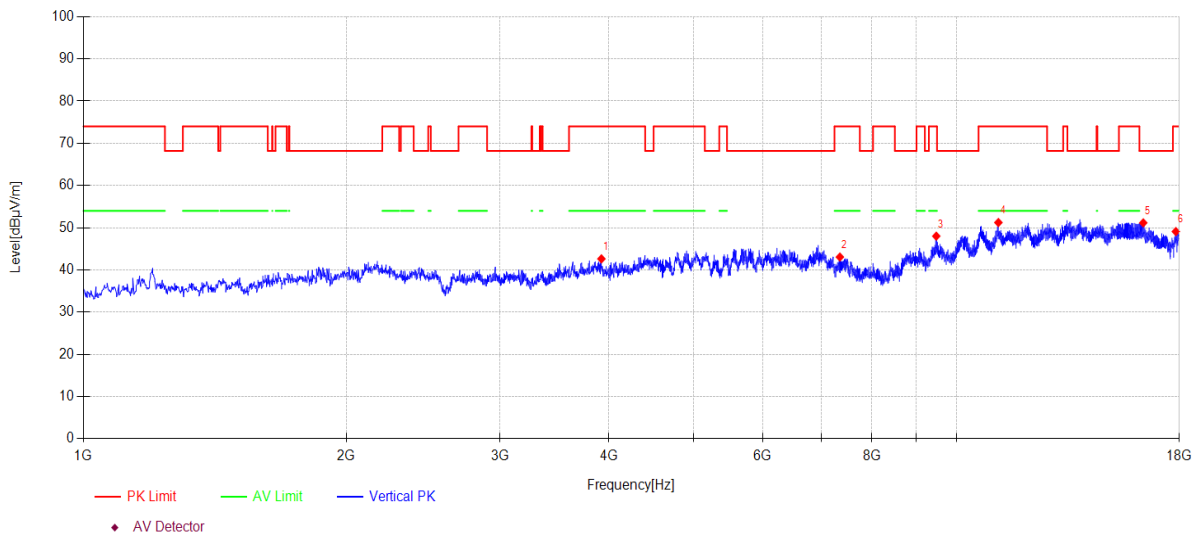
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5.8GWIFI\4

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	3920.60	45.85	31.16	6.02	-40.40	42.63	74.00	31.37	PK	Vertical
2	7352.90	38.95	36.79	8.90	-41.58	43.06	74.00	30.94	PK	Vertical
3	9481.30	38.85	38.70	9.22	-38.76	48.01	74.00	25.99	PK	Vertical
4	11169.40	41.51	39.23	9.66	-39.17	51.23	74.00	22.77	PK	Vertical
5	16366.30	38.56	37.73	14.53	-39.66	51.16	68.20	17.04	PK	Vertical
6	17835.10	37.24	41.19	12.69	-42.03	49.09	74.00	24.91	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:

11AX20MIMO 5825MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

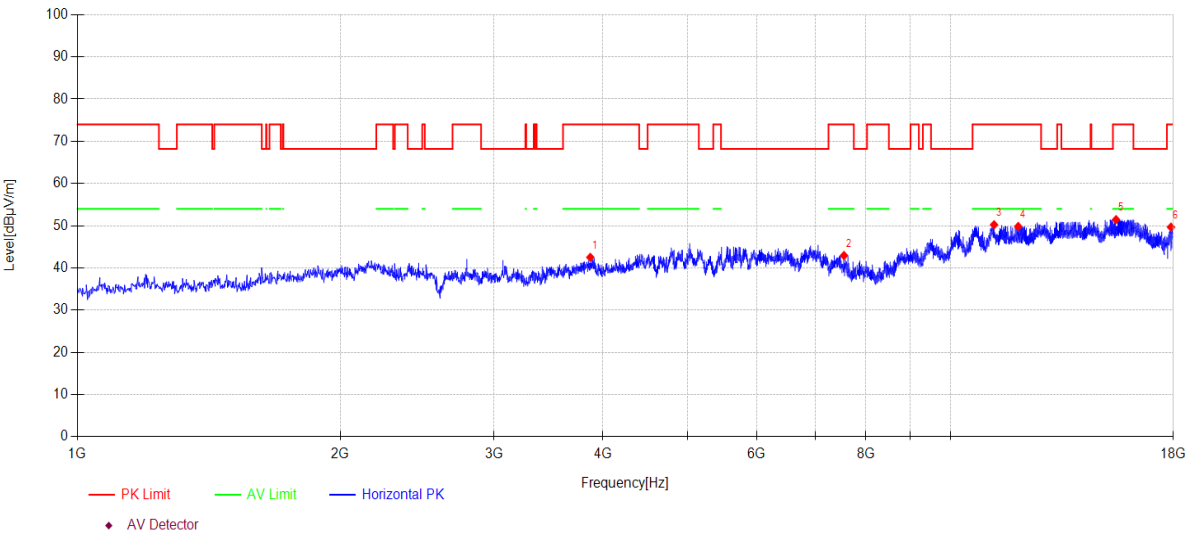
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5.8GWIFI\5

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	3867.90	45.90	31.01	5.98	-40.37	42.52	74.00	31.48	PK	Horizontal
2	7551.80	39.75	36.40	8.87	-42.08	42.94	74.00	31.06	PK	Horizontal
3	11218.70	40.53	39.20	9.69	-39.19	50.23	74.00	23.77	PK	Horizontal
4	11956.50	40.02	39.07	10.29	-39.54	49.84	74.00	24.16	PK	Horizontal
5	15475.50	38.21	38.85	13.43	-39.05	51.44	74.00	22.56	PK	Horizontal
6	17887.80	37.32	41.77	12.74	-42.15	49.68	74.00	24.32	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 5825MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

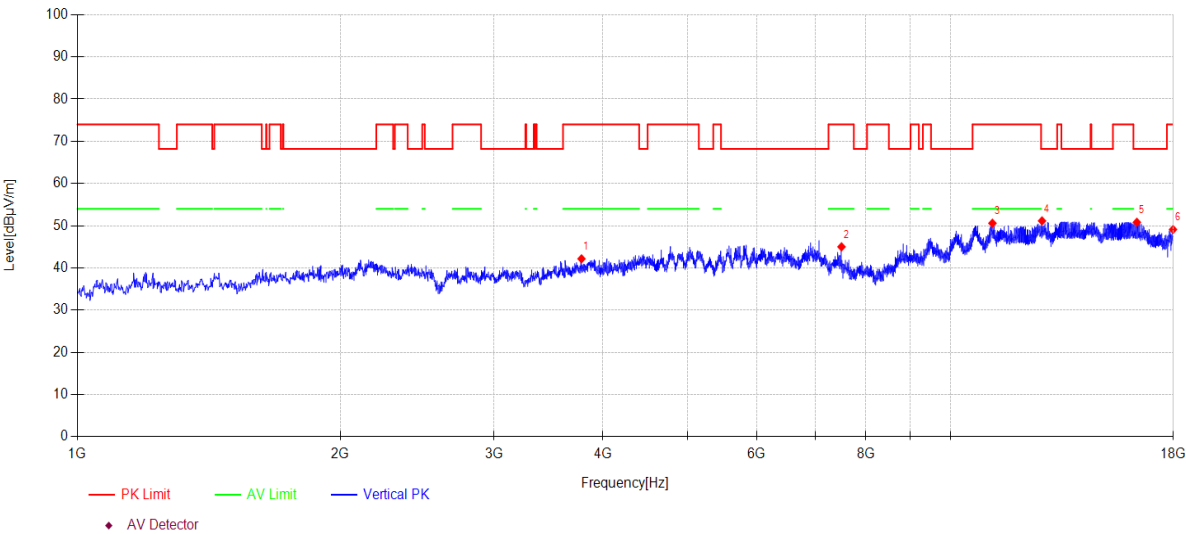
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5.8GWIFI\6

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	3779.50	45.95	30.62	5.92	-40.32	42.17	74.00	31.83	PK	Vertical
2	7502.50	41.58	36.50	8.88	-41.96	45.00	74.00	29.00	PK	Vertical
3	11171.10	40.87	39.23	9.66	-39.17	50.59	74.00	23.41	PK	Vertical
4	12731.70	40.98	39.66	10.36	-39.85	51.15	68.20	17.05	PK	Vertical
5	16349.30	38.11	37.75	14.60	-39.64	50.82	68.20	17.38	PK	Vertical
6	17984.70	36.31	42.32	12.84	-42.37	49.10	74.00	24.90	PK	Vertical

Note:

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

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

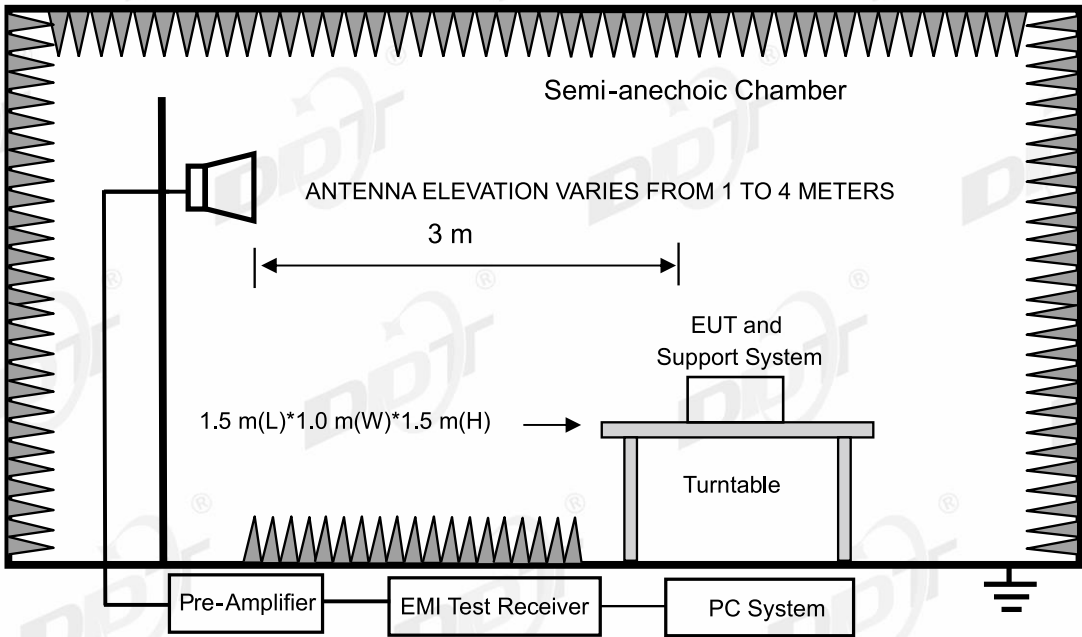
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14.Band Edge Compliance

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
/	/	/	/	/

14.2. Block diagram of test setup



14.3. Limits

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating solely in the 5.725-5.850 GHz band:

All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

14.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

14.5. Test procedure

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

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

14.6. Test result

PASS. (See below detailed test result)

14.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11A ANT1 5180MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

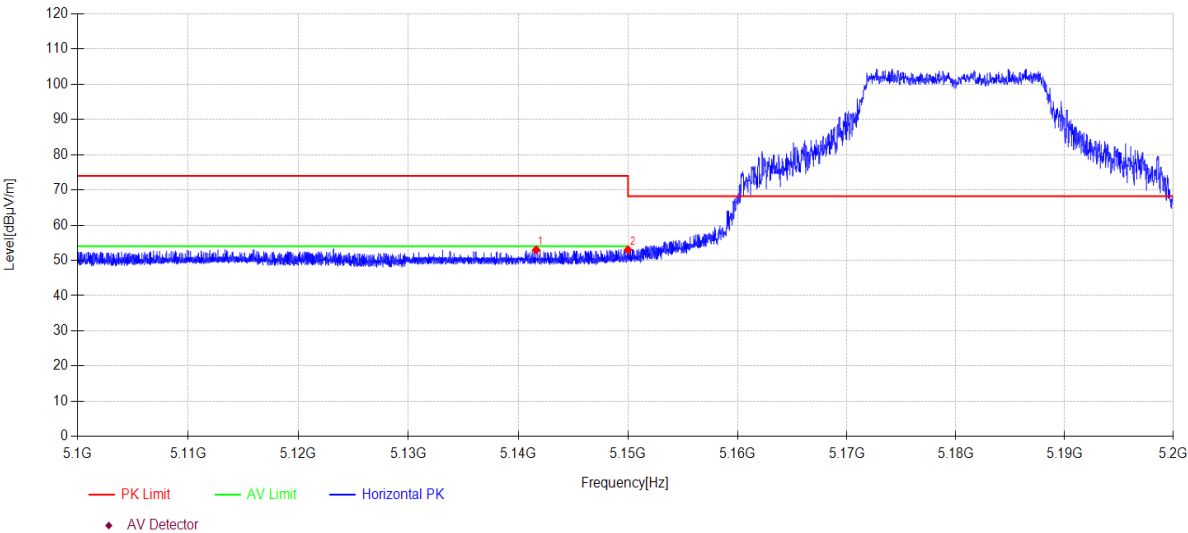
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\21

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	5141.63	14.00	33.40	5.58	0.00	52.98	74.00	21.02	PK	Horizontal
2	5150.00	14.02	33.40	5.59	0.00	53.01	68.20	15.19	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:

BOOMBOX 3 Wi-Fi

Test Mode:

11A ANT1 5180MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

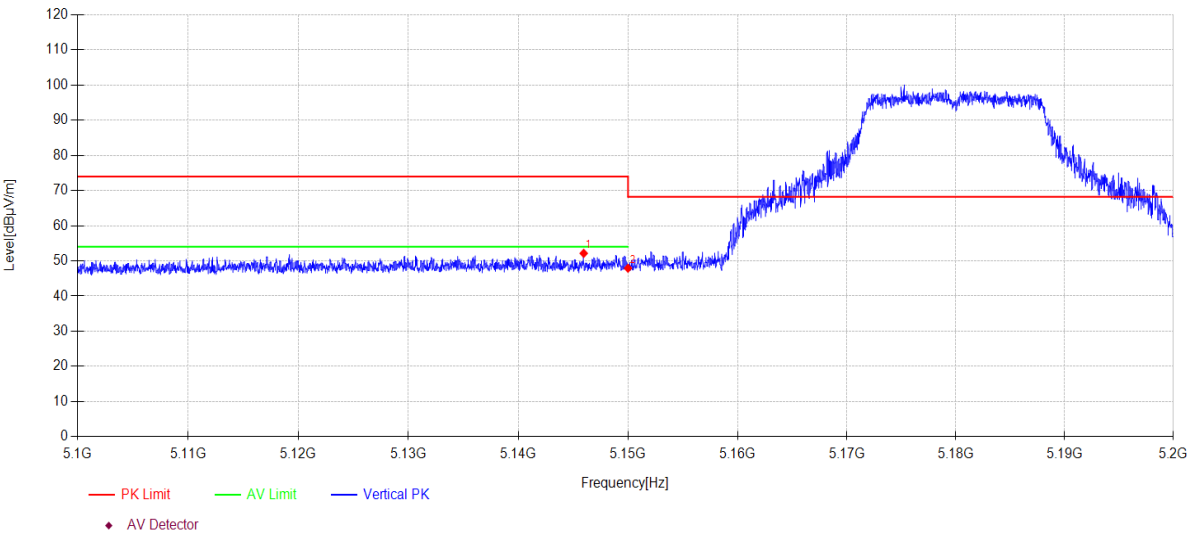
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\22

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	5145.96	13.17	33.40	5.58	0.00	52.15	74.00	21.85	PK	Vertical
2	5150.00	8.93	33.40	5.59	0.00	47.92	68.20	20.28	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:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11A ANT2 5180MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

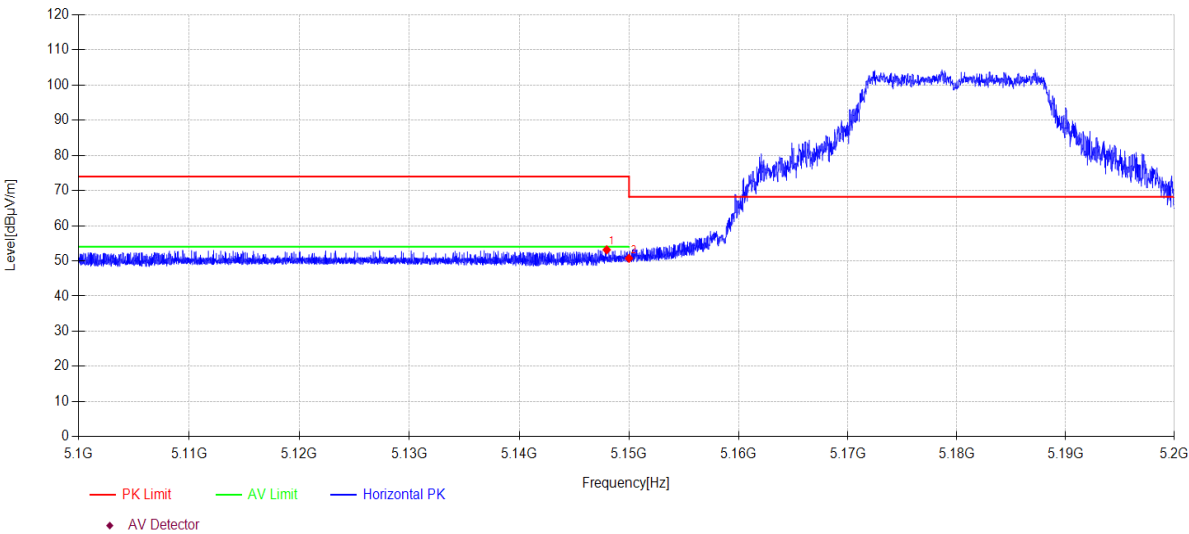
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\23

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	5147.97	14.17	33.40	5.58	0.00	53.15	74.00	20.85	PK	Horizontal
2	5150.00	11.74	33.40	5.59	0.00	50.73	68.20	17.47	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:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11A ANT2 5180MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

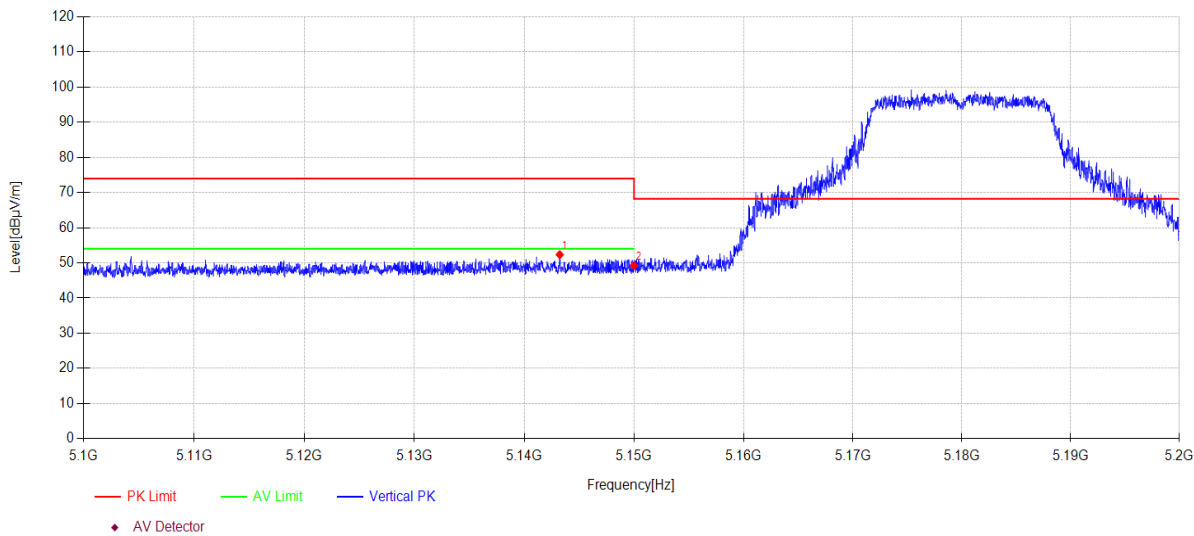
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\24

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	5143.23	13.37	33.40	5.58	0.00	52.35	74.00	21.65	PK	Vertical
2	5150.00	10.27	33.40	5.59	0.00	49.26	68.20	18.94	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:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11N20MIMO 5180MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

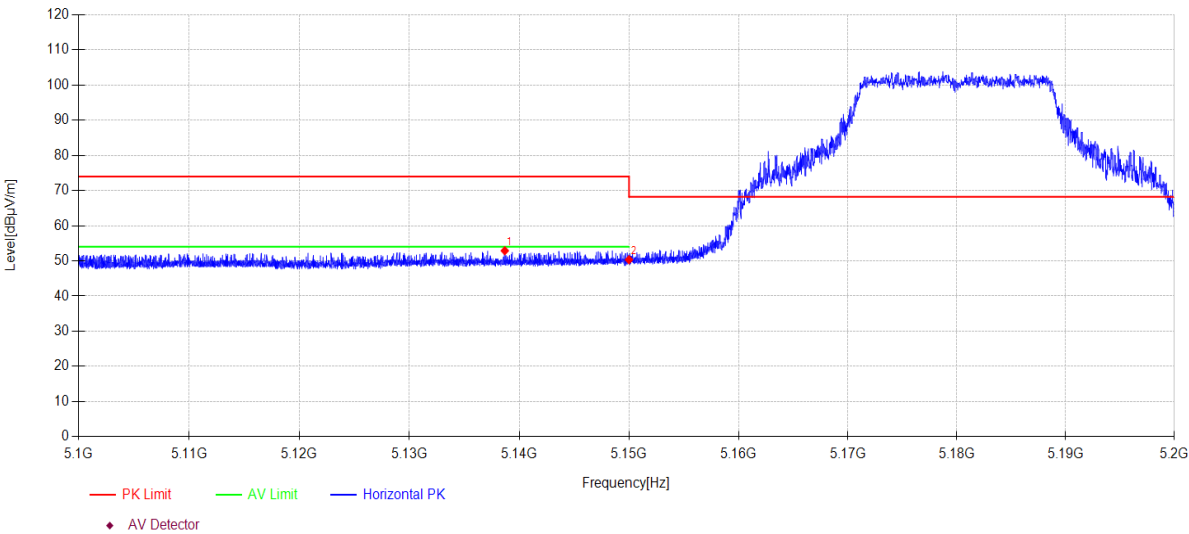
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\25

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	5138.68	13.91	33.40	5.58	0.00	52.89	74.00	21.11	PK	Horizontal
2	5150.00	11.34	33.40	5.59	0.00	50.33	68.20	17.87	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11N20MIMO 5180MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

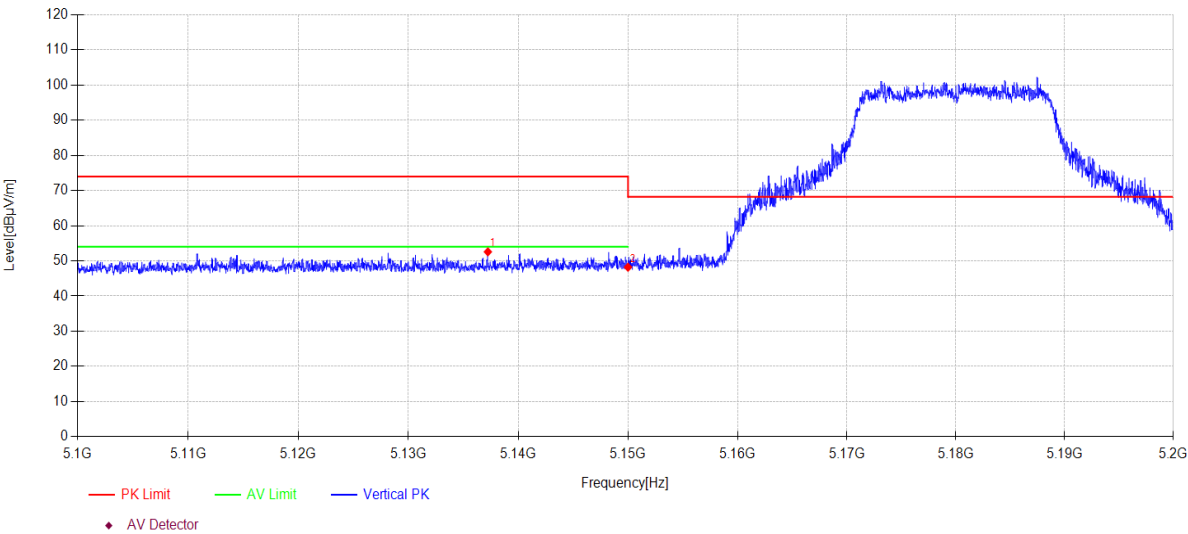
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\26

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	5137.23	13.60	33.40	5.58	0.00	52.58	74.00	21.42	PK	Vertical
2	5150.00	9.22	33.40	5.59	0.00	48.21	68.20	19.99	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AC20MIMO 5180MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

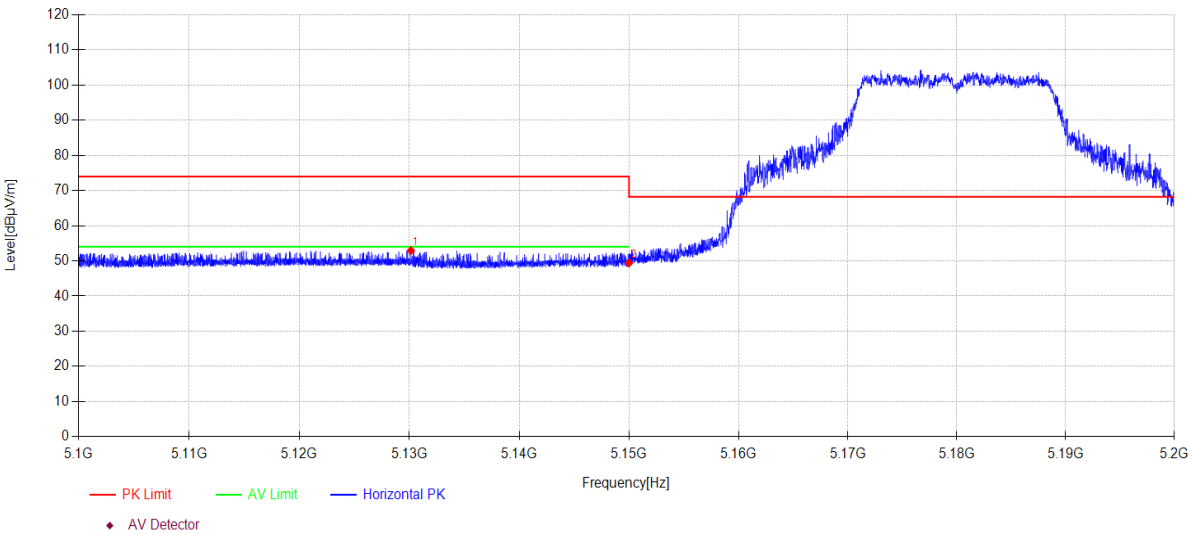
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\27

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	5130.14	13.97	33.40	5.58	0.00	52.95	74.00	21.05	PK	Horizontal
2	5150.00	10.43	33.40	5.59	0.00	49.42	68.20	18.78	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:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AC20MIMO 5180MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

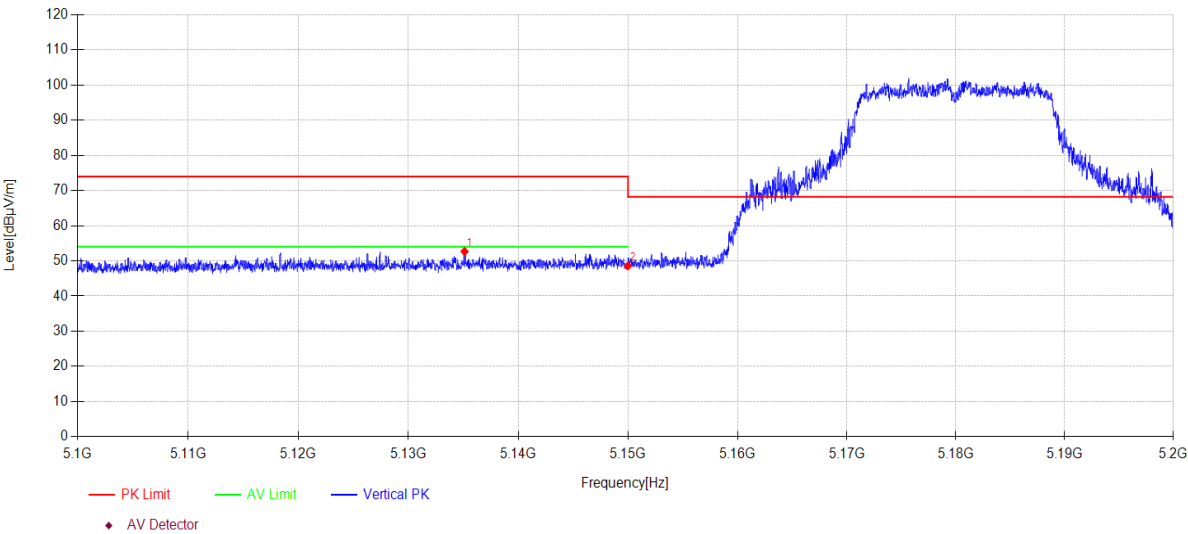
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\28

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	5135.11	13.70	33.40	5.58	0.00	52.68	74.00	21.32	PK	Vertical
2	5150.00	9.59	33.40	5.59	0.00	48.58	68.20	19.62	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:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AX20MIMO 5180MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

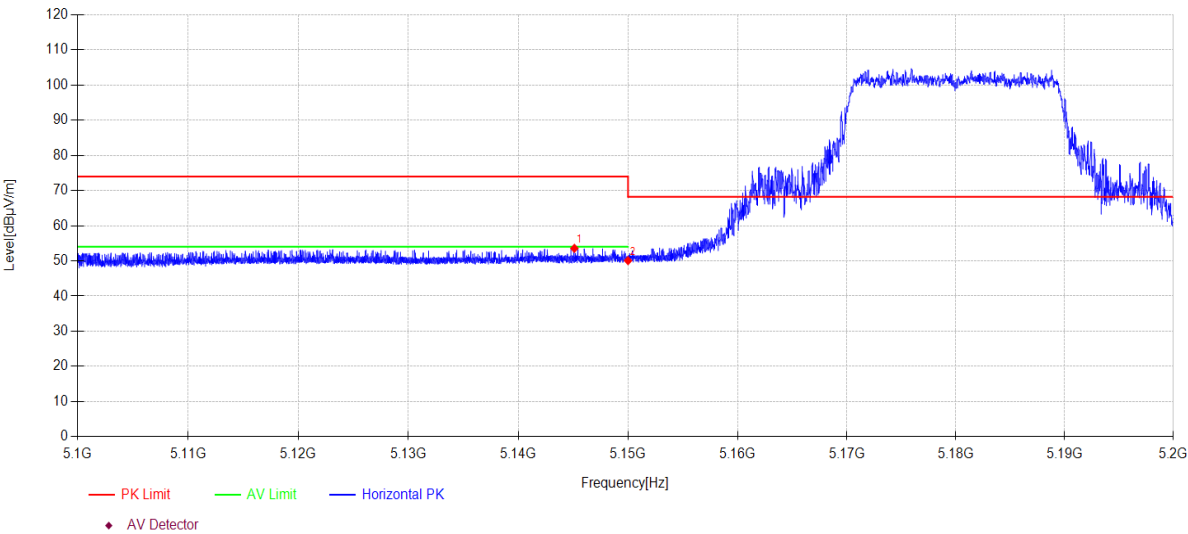
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\29

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	5145.11	14.59	33.40	5.58	0.00	53.57	74.00	20.43	PK	Horizontal
2	5150.00	11.10	33.40	5.59	0.00	50.09	68.20	18.11	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-01

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AX20MIMO 5180MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

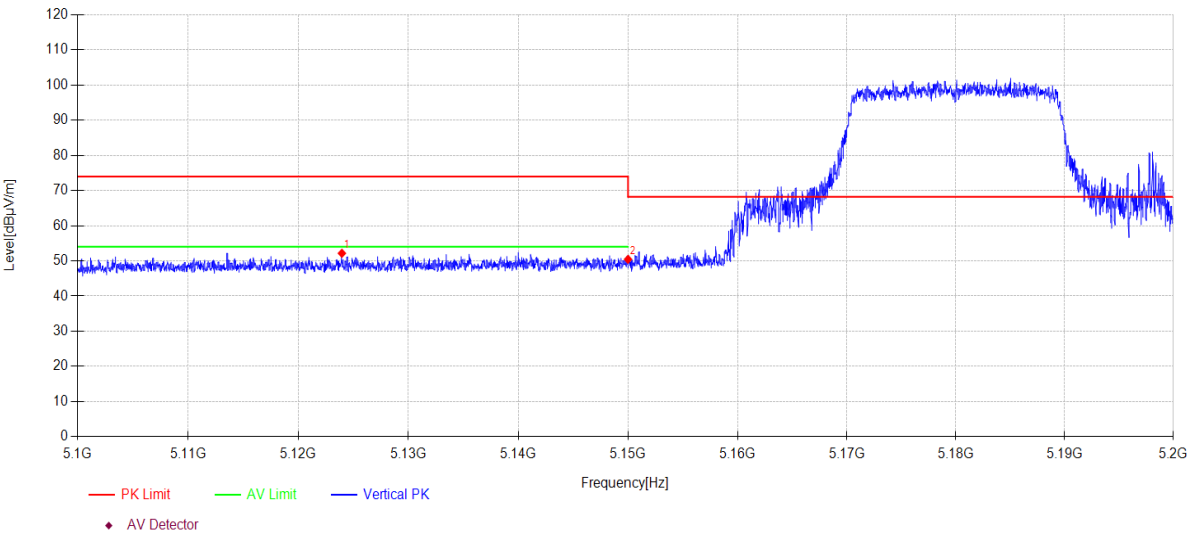
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\30

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	5123.96	13.19	33.40	5.57	0.00	52.16	74.00	21.84	PK	Vertical
2	5150.00	11.46	33.40	5.59	0.00	50.45	68.20	17.75	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11N40MIMO 5190MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

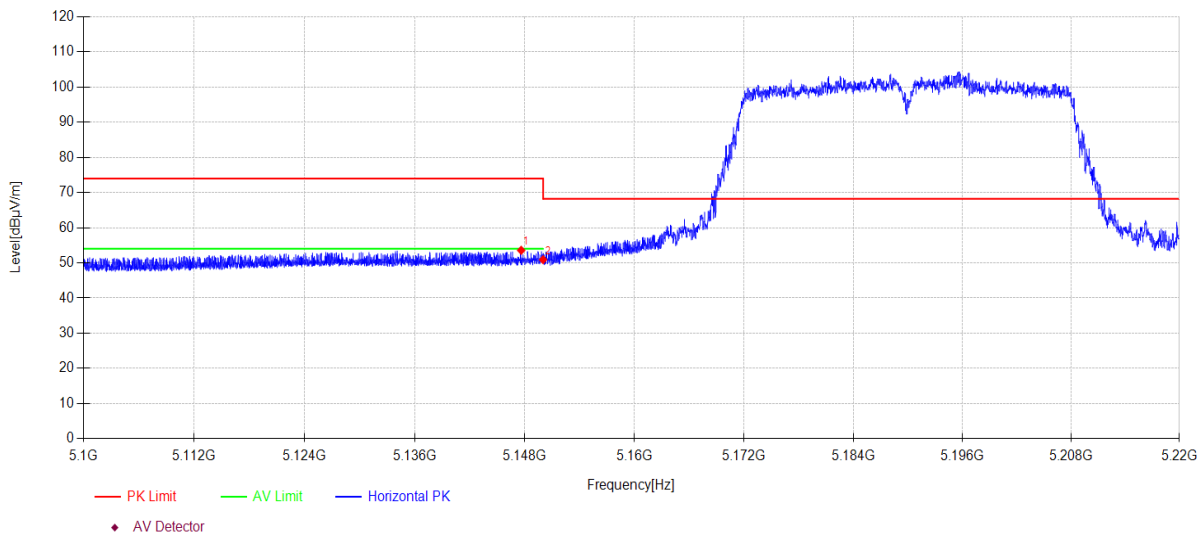
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\31

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	5147.60	14.59	33.40	5.58	0.00	53.57	74.00	20.43	PK	Horizontal
2	5150.00	11.93	33.40	5.59	0.00	50.92	68.20	17.28	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:

11N40MIMO 5190MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

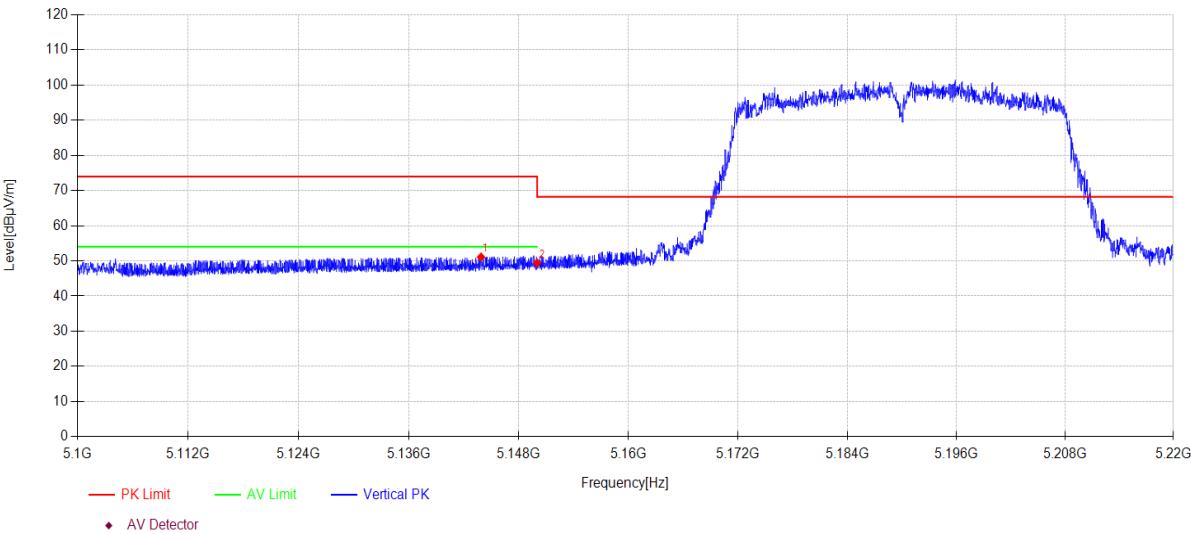
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\32

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	5143.87	12.11	33.40	5.58	0.00	51.09	74.00	22.91	PK	Vertical
2	5150.00	10.45	33.40	5.59	0.00	49.44	68.20	18.76	PK	Vertical

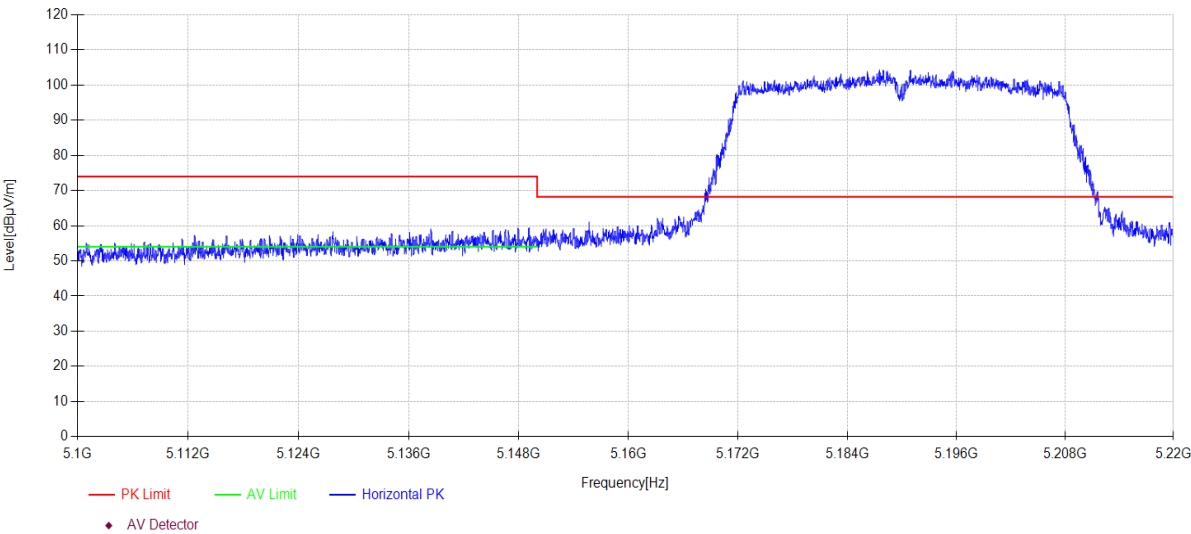
Note:

- 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:	11AC40MIMO 5190MHz 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\33		
Memo:	Sample Number:S23111312-02 Power Setting:NA		

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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AC40MIMO 5190MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

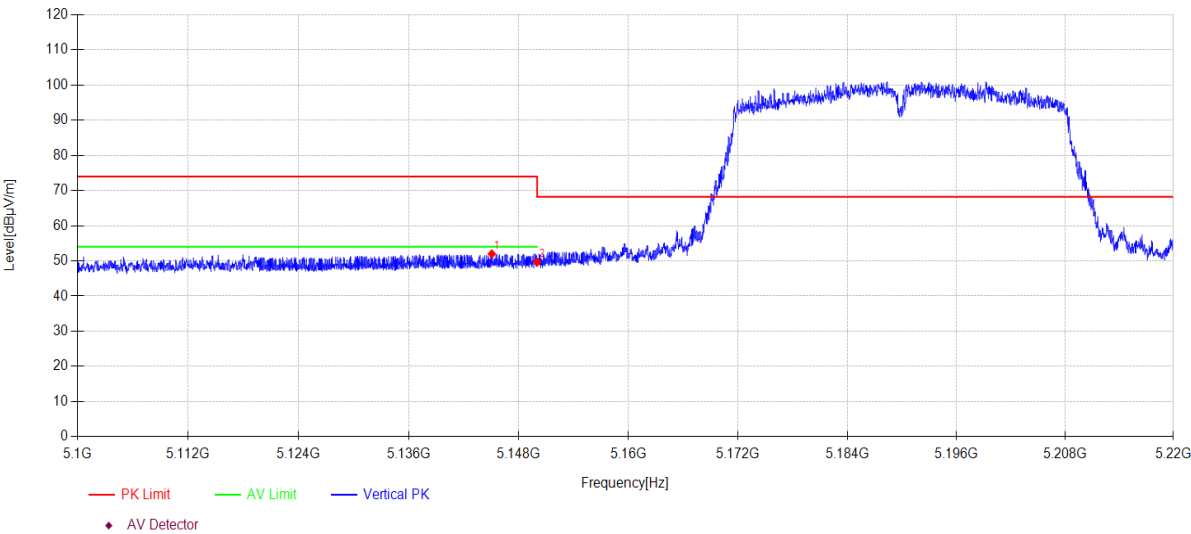
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\34

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	5145.05	13.02	33.40	5.58	0.00	52.00	74.00	22.00	PK	Vertical
2	5150.00	10.67	33.40	5.59	0.00	49.66	68.20	18.54	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 5190MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

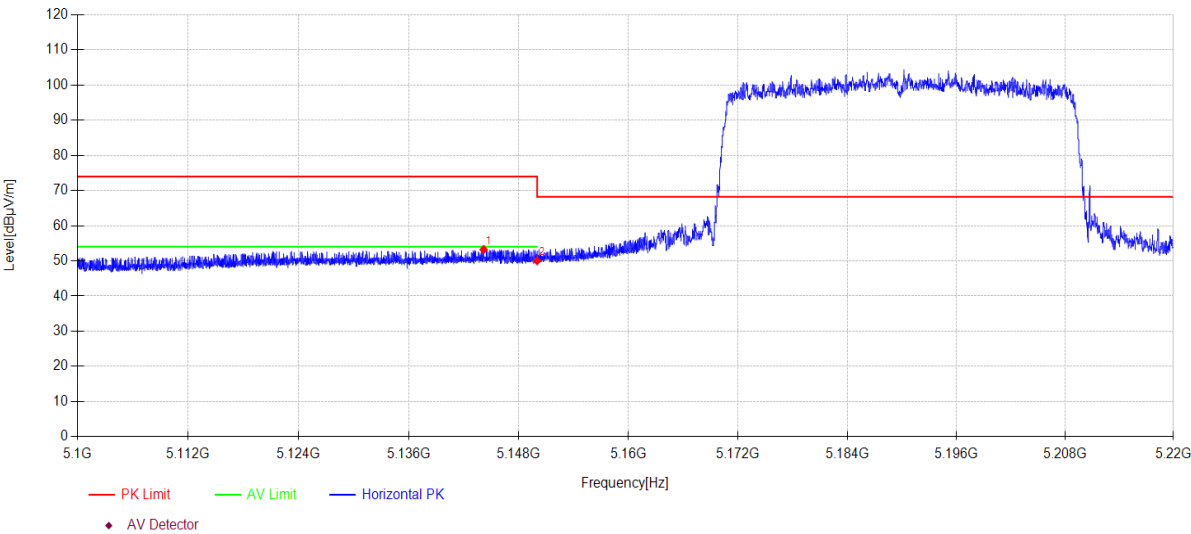
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\35

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	5144.16	14.26	33.40	5.58	0.00	53.24	74.00	20.76	PK	Horizontal
2	5150.00	11.07	33.40	5.59	0.00	50.06	68.20	18.14	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 5190MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

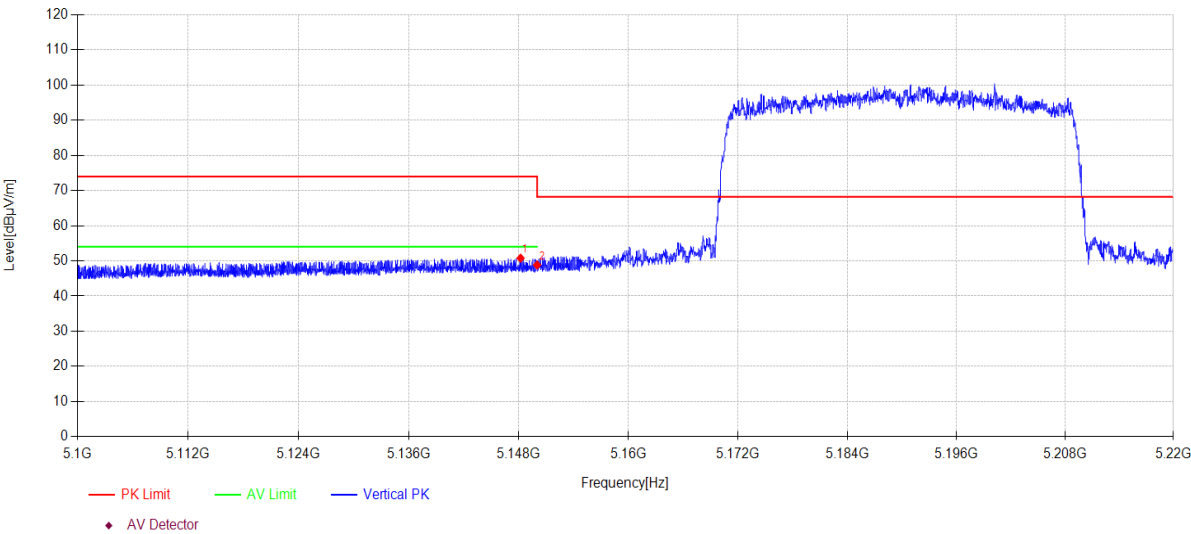
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\36

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	5148.19	11.80	33.40	5.58	0.00	50.78	74.00	23.22	PK	Vertical
2	5150.00	9.85	33.40	5.59	0.00	48.84	68.20	19.36	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AC80MIMO 5210MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

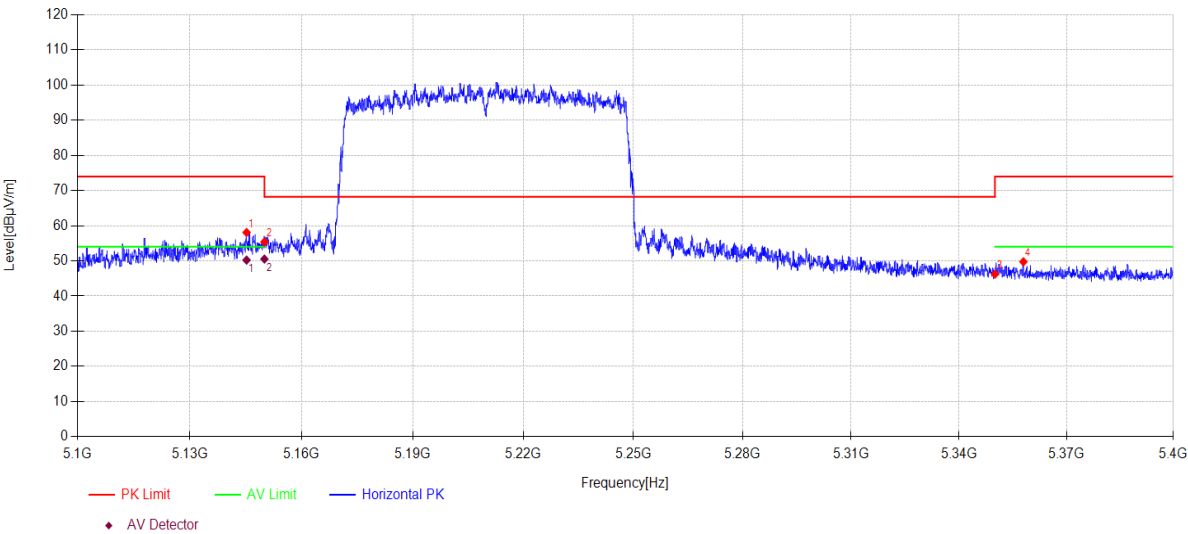
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\37

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	5145.21	19.11	33.40	5.58	0.00	58.09	74.00	15.91	PK	Horizontal
2	5150.00	16.39	33.40	5.59	0.00	55.38	68.20	12.82	PK	Horizontal
3	5350.00	7.46	33.10	5.69	0.00	46.25	74.00	27.75	PK	Horizontal
4	5357.94	10.97	33.10	5.69	0.00	49.76	74.00	24.24	PK	Horizontal

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	5145.21	11.25	33.40	5.58	0.00	50.23	54.00	3.77	AV	Horizontal
2	5150.00	11.54	33.40	5.59	0.00	50.53	54.00	3.47	AV	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 5210MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

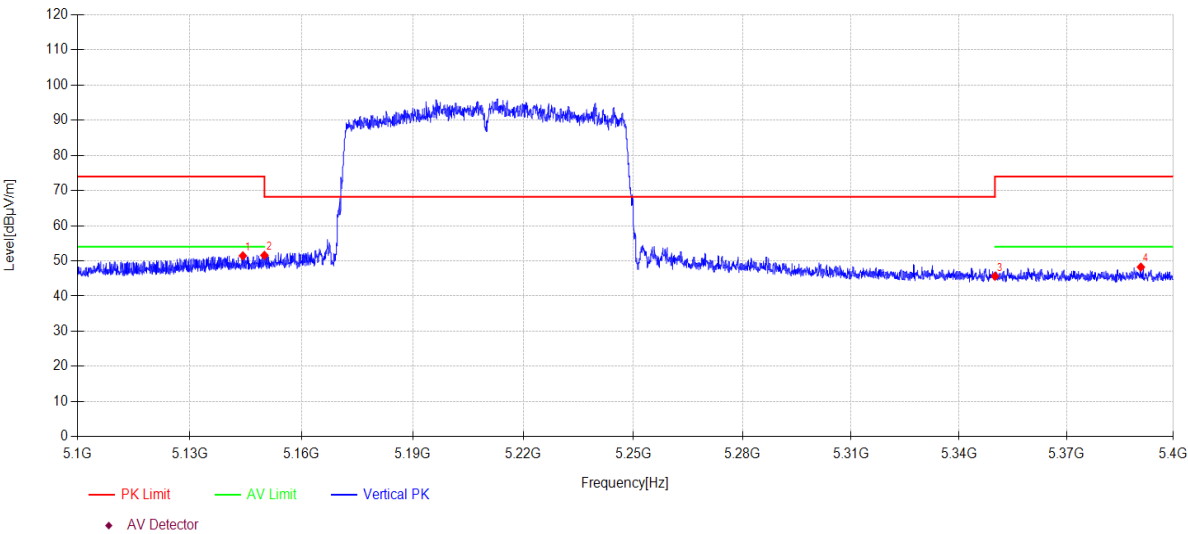
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\38

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	5144.22	12.47	33.40	5.58	0.00	51.45	74.00	22.55	PK	Vertical
2	5150.00	12.60	33.40	5.59	0.00	51.59	68.20	16.61	PK	Vertical
3	5350.00	6.86	33.10	5.69	0.00	45.65	74.00	28.35	PK	Vertical
4	5390.88	9.43	33.10	5.71	0.00	48.24	74.00	25.76	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:

11AX80MIMO 5210MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

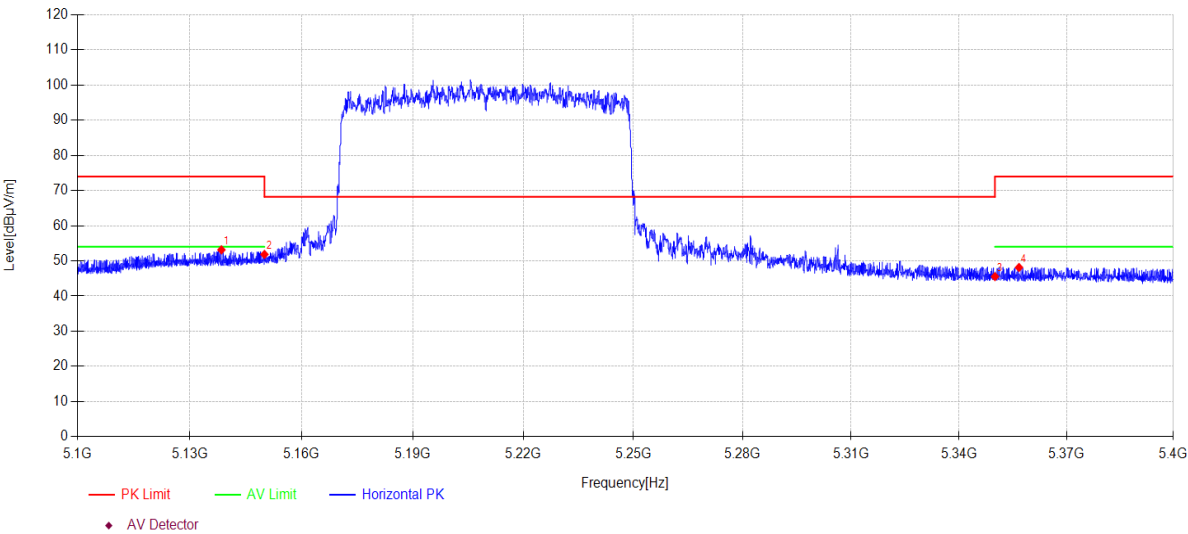
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\39

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	5138.46	14.17	33.40	5.58	0.00	53.15	74.00	20.85	PK	Horizontal
2	5150.00	12.85	33.40	5.59	0.00	51.84	68.20	16.36	PK	Horizontal
3	5350.00	6.75	33.10	5.69	0.00	45.54	74.00	28.46	PK	Horizontal
4	5356.71	9.35	33.10	5.69	0.00	48.14	74.00	25.86	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:

11AX80MIMO 5210MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

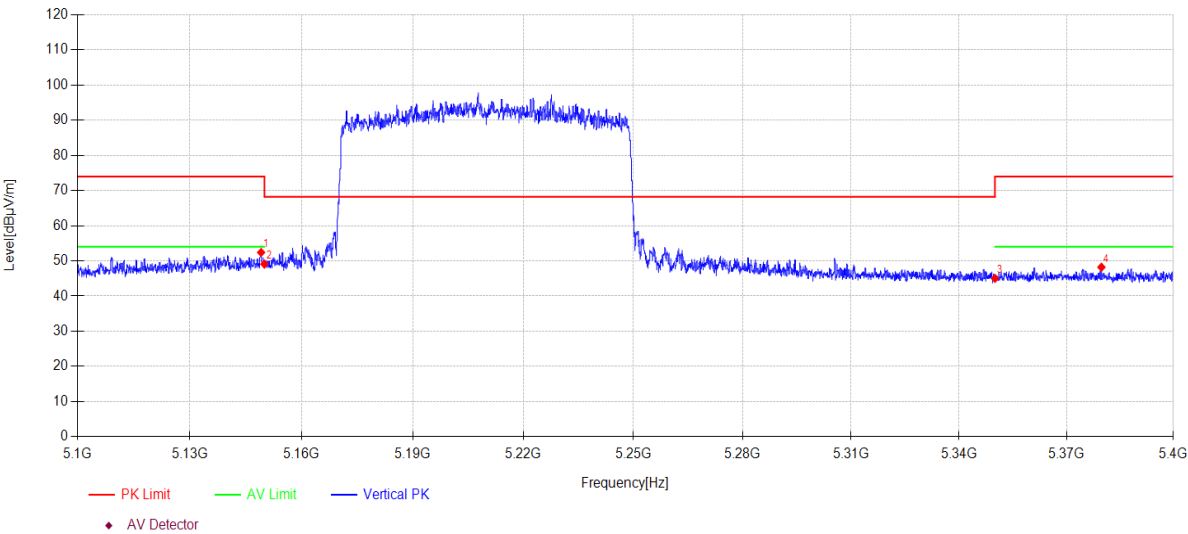
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\40

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	5149.11	13.43	33.40	5.58	0.00	52.41	74.00	21.59	PK	Vertical
2	5150.00	10.10	33.40	5.59	0.00	49.09	68.20	19.11	PK	Vertical
3	5350.00	6.23	33.10	5.69	0.00	45.02	74.00	28.98	PK	Vertical
4	5379.78	9.41	33.10	5.70	0.00	48.21	74.00	25.79	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 5290MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

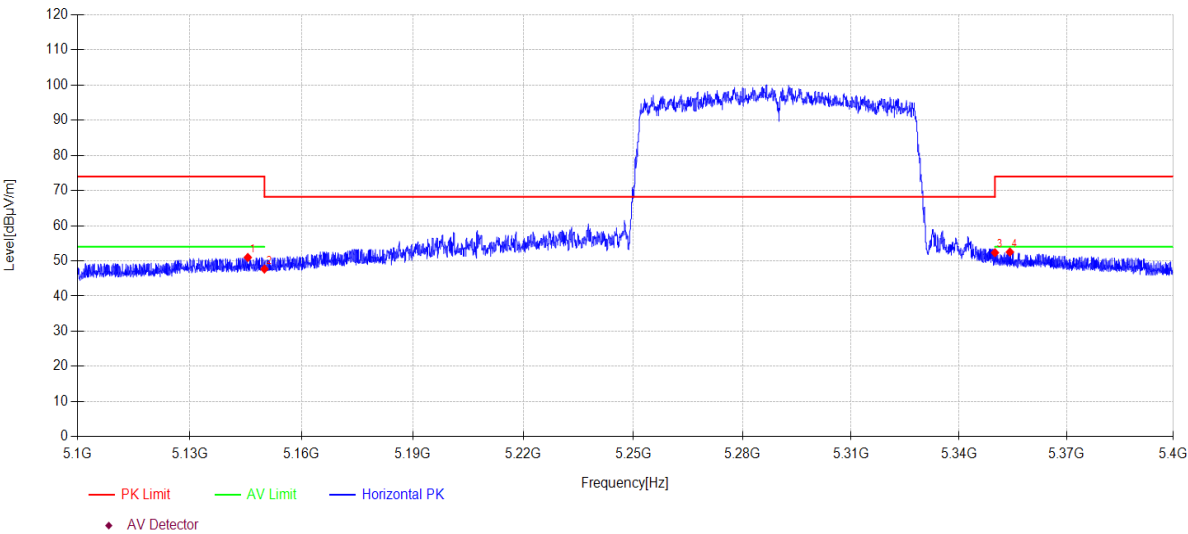
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\41

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	5145.54	12.00	33.40	5.58	0.00	50.98	74.00	23.02	PK	Horizontal
2	5150.00	8.70	33.40	5.59	0.00	47.69	68.20	20.51	PK	Horizontal
3	5350.00	13.55	33.10	5.69	0.00	52.34	74.00	21.66	PK	Horizontal
4	5354.16	13.73	33.10	5.69	0.00	52.52	74.00	21.48	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AC80MIMO 5290MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

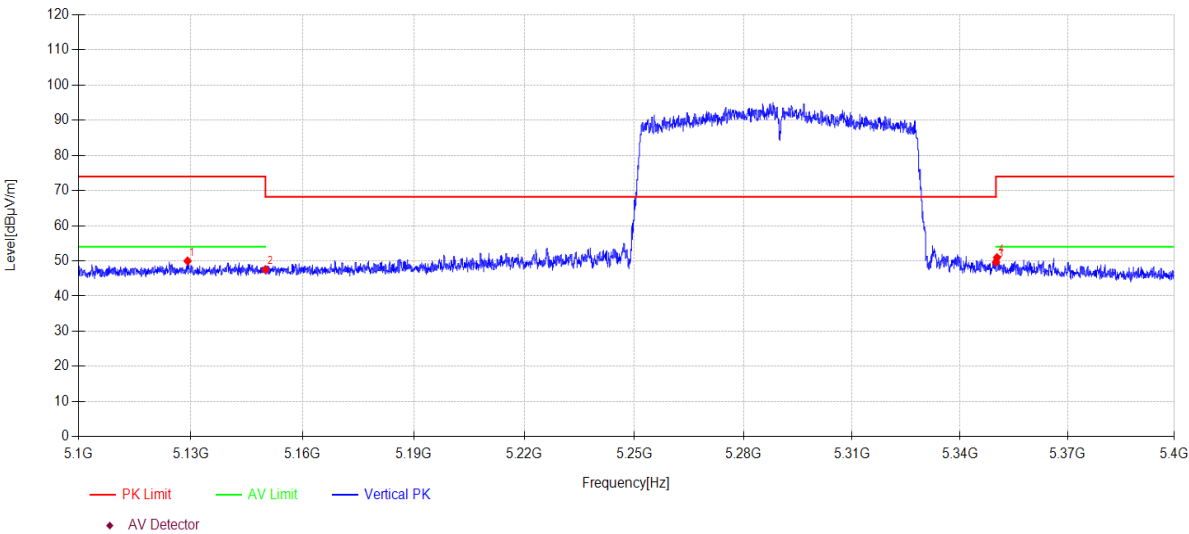
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\42

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	5129.13	11.00	33.40	5.57	0.00	49.97	74.00	24.03	PK	Vertical
2	5150.00	8.53	33.40	5.59	0.00	47.52	68.20	20.68	PK	Vertical
3	5350.00	10.84	33.10	5.69	0.00	49.63	74.00	24.37	PK	Vertical
4	5350.29	12.15	33.10	5.69	0.00	50.94	74.00	23.06	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 5290MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

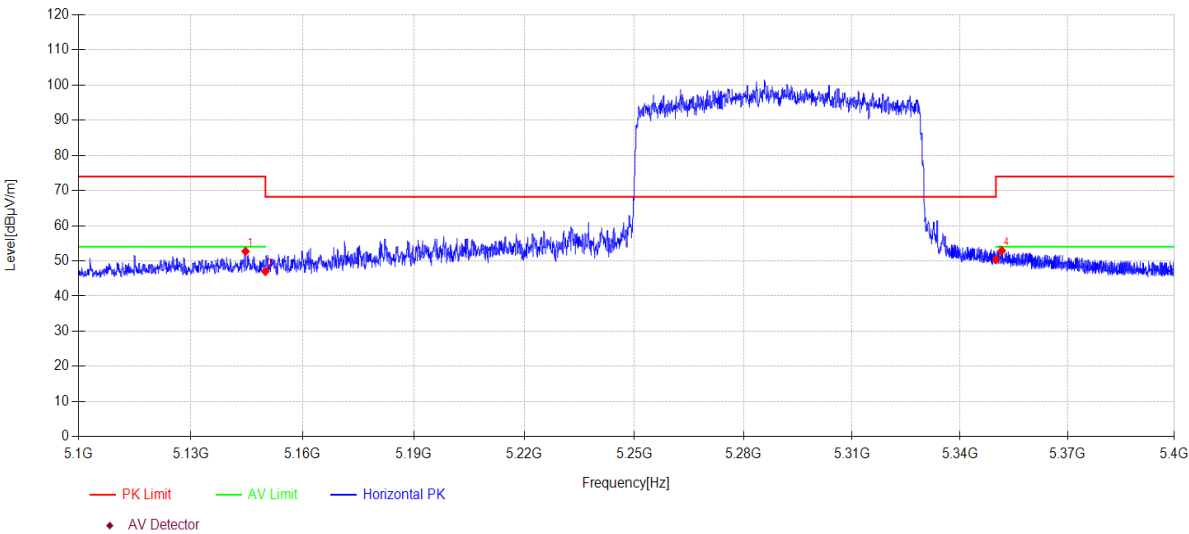
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\43

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	5144.67	13.74	33.40	5.58	0.00	52.72	74.00	21.28	PK	Horizontal
2	5150.00	7.97	33.40	5.59	0.00	46.96	68.20	21.24	PK	Horizontal
3	5350.00	11.61	33.10	5.69	0.00	50.40	74.00	23.60	PK	Horizontal
4	5351.64	14.10	33.10	5.69	0.00	52.89	74.00	21.11	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 5290MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

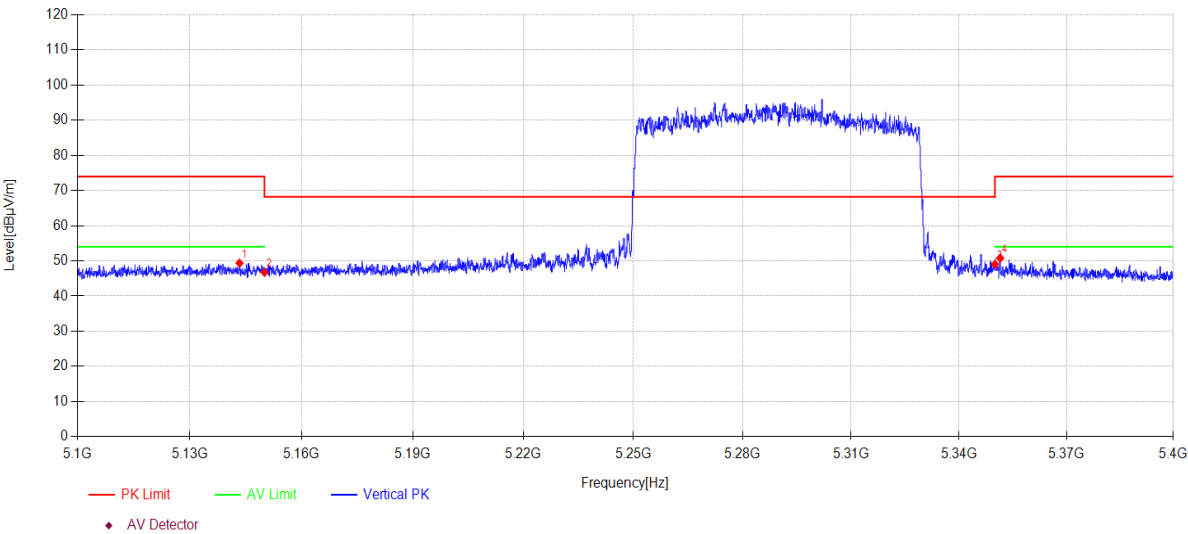
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\44

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	5143.32	10.39	33.40	5.58	0.00	49.37	74.00	24.63	PK	Vertical
2	5150.00	7.77	33.40	5.59	0.00	46.76	68.20	21.44	PK	Vertical
3	5350.00	10.24	33.10	5.69	0.00	49.03	74.00	24.97	PK	Vertical
4	5351.46	12.00	33.10	5.69	0.00	50.79	74.00	23.21	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 5310MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

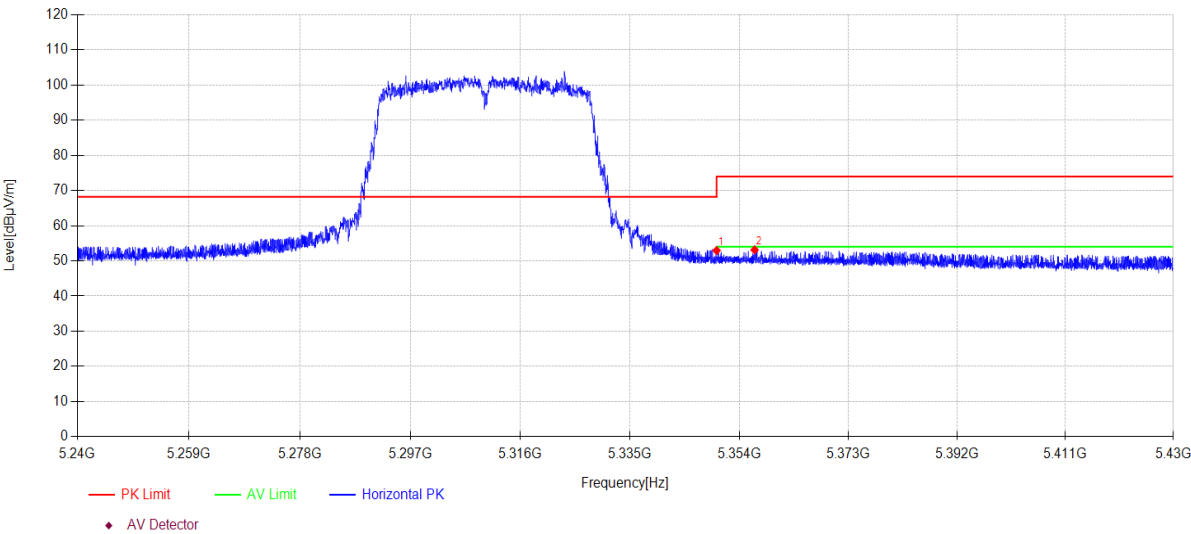
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\45

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	5350.00	14.17	33.10	5.69	0.00	52.96	74.00	21.04	PK	Horizontal
2	5356.60	14.35	33.10	5.69	0.00	53.14	74.00	20.86	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 5310MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

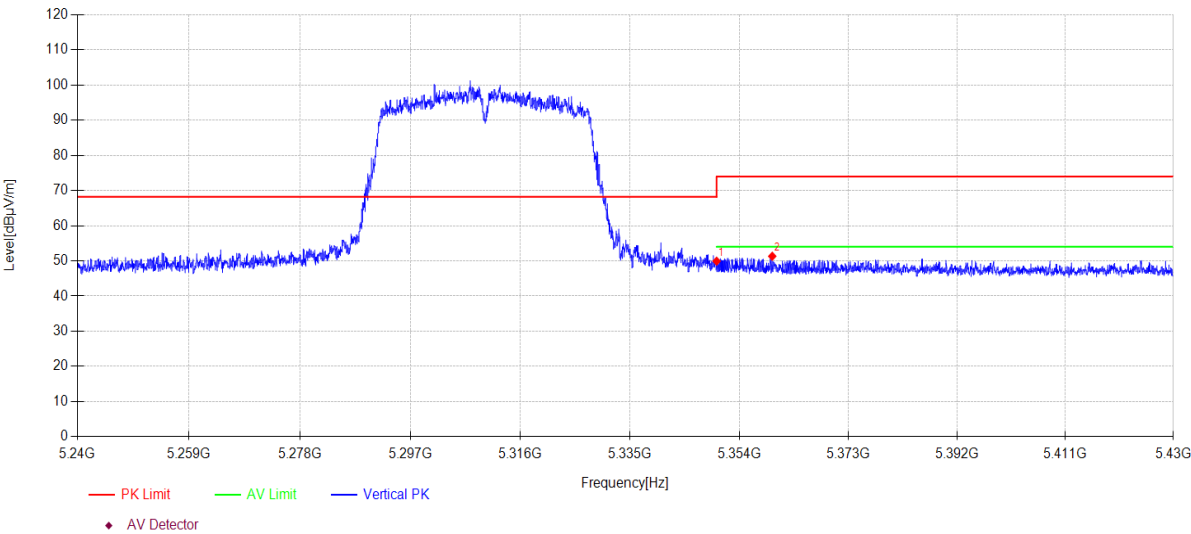
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\46

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	5350.00	11.15	33.10	5.69	0.00	49.94	74.00	24.06	PK	Vertical
2	5359.68	12.53	33.10	5.69	0.00	51.32	74.00	22.68	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:

11AC40MIMO 5310MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

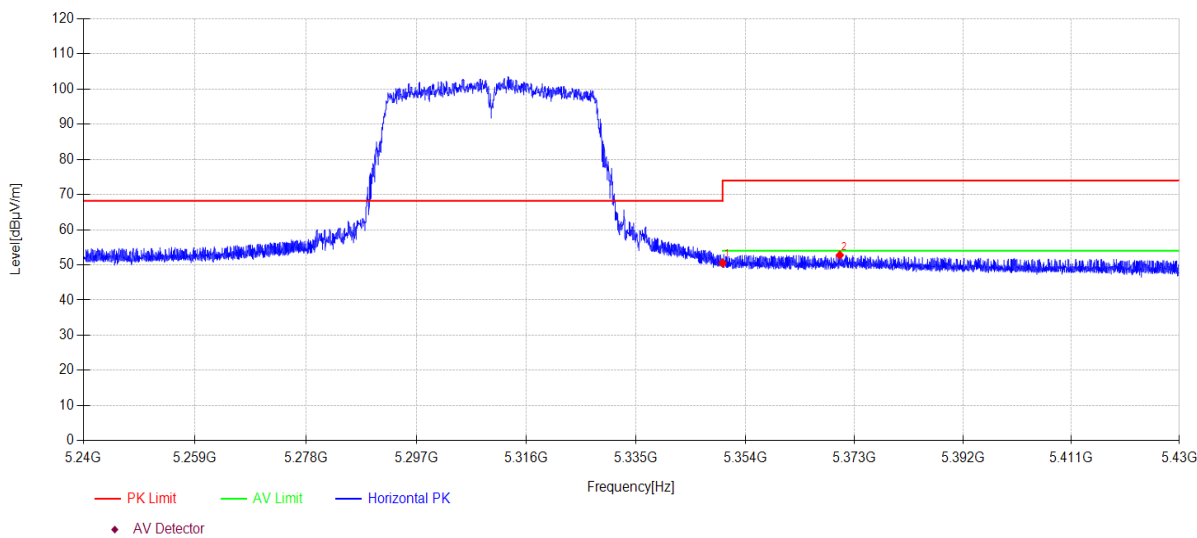
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\47

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	5350.00	11.73	33.10	5.69	0.00	50.52	74.00	23.48	PK	Horizontal
2	5370.42	13.99	33.10	5.70	0.00	52.79	74.00	21.21	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:

11AC40MIMO 5310MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

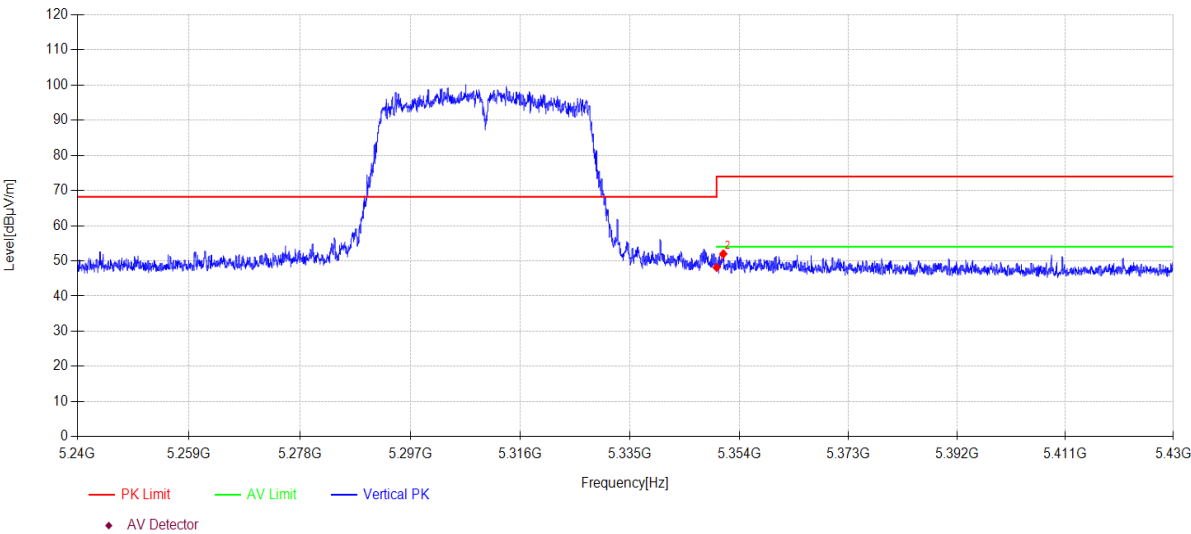
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\48

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	5350.00	9.37	33.10	5.69	0.00	48.16	74.00	25.84	PK	Vertical
2	5351.17	13.21	33.10	5.69	0.00	52.00	74.00	22.00	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:

11AX40MIMO 5310MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

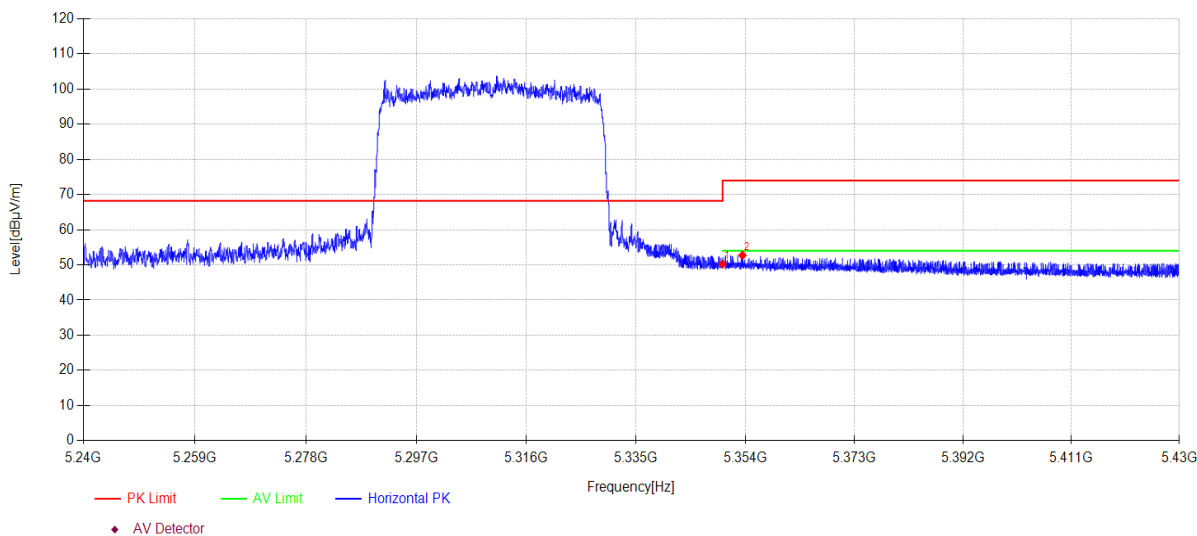
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\49

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	5350.00	11.45	33.10	5.69	0.00	50.24	74.00	23.76	PK	Horizontal
2	5353.45	13.93	33.10	5.69	0.00	52.72	74.00	21.28	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AX40MIMO 5310MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

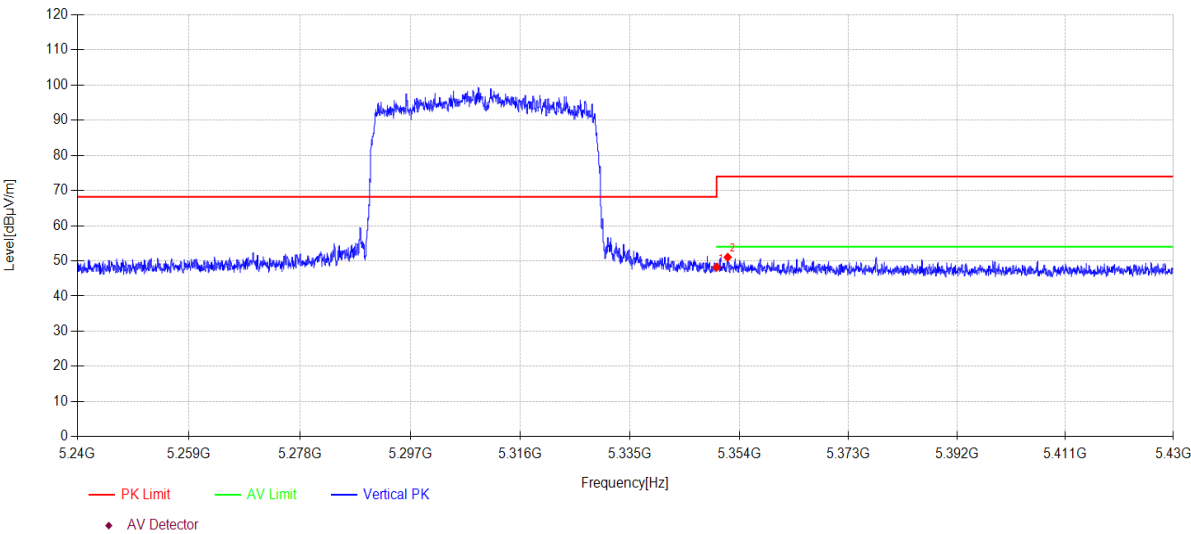
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\50

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	5350.00	9.42	33.10	5.69	0.00	48.21	74.00	25.79	PK	Vertical
2	5351.93	12.25	33.10	5.69	0.00	51.04	74.00	22.96	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 5320MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

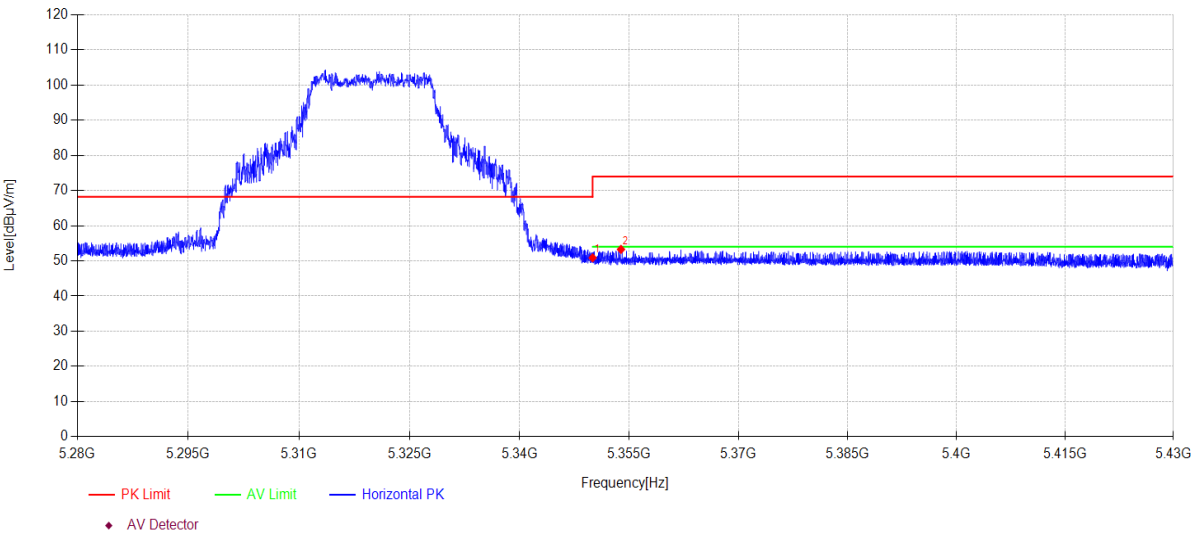
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\51

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	5350.00	12.09	33.10	5.69	0.00	50.88	74.00	23.12	PK	Horizontal
2	5353.88	14.48	33.10	5.69	0.00	53.27	74.00	20.73	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:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11A ANT1 5320MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

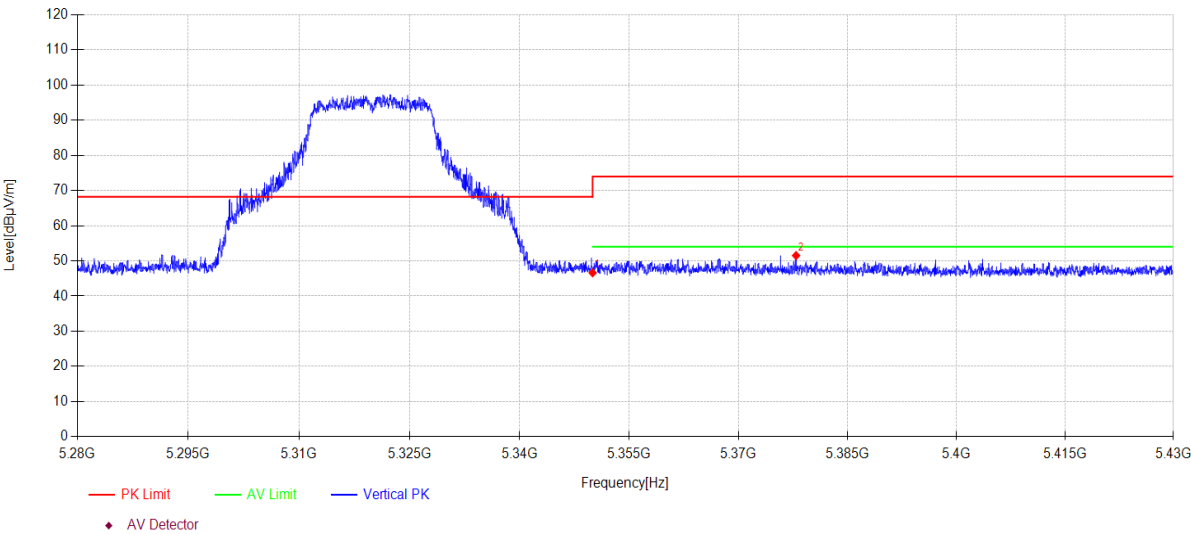
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\52

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	5350.00	7.82	33.10	5.69	0.00	46.61	74.00	27.39	PK	Vertical
2	5377.89	12.72	33.10	5.70	0.00	51.52	74.00	22.48	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:

11A ANT2 5320MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

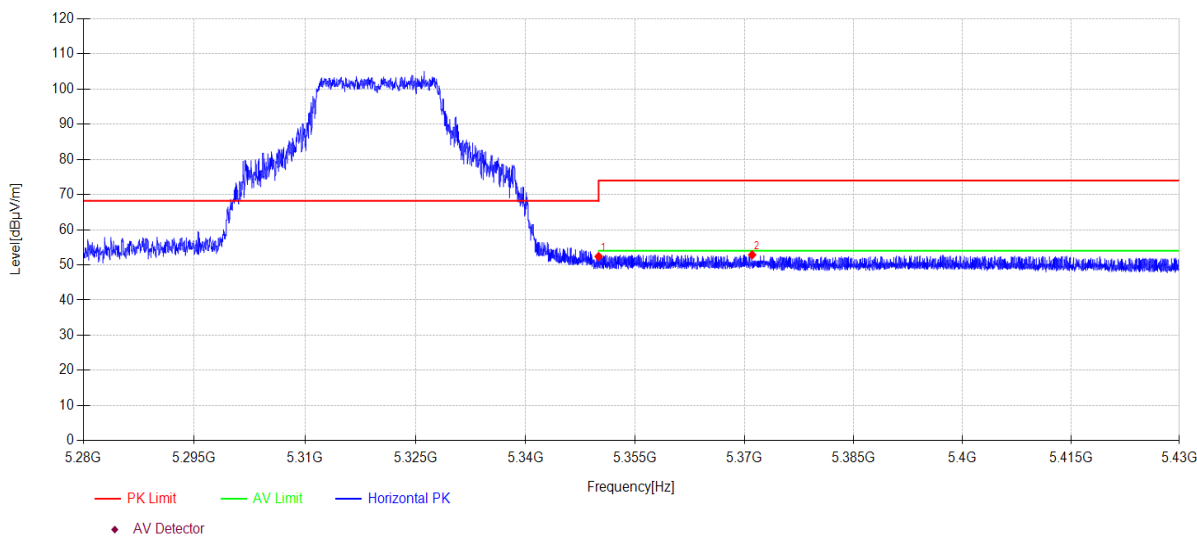
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\53

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	5350.00	13.60	33.10	5.69	0.00	52.39	74.00	21.61	PK	Horizontal
2	5371.04	14.06	33.10	5.70	0.00	52.86	74.00	21.14	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 5320MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

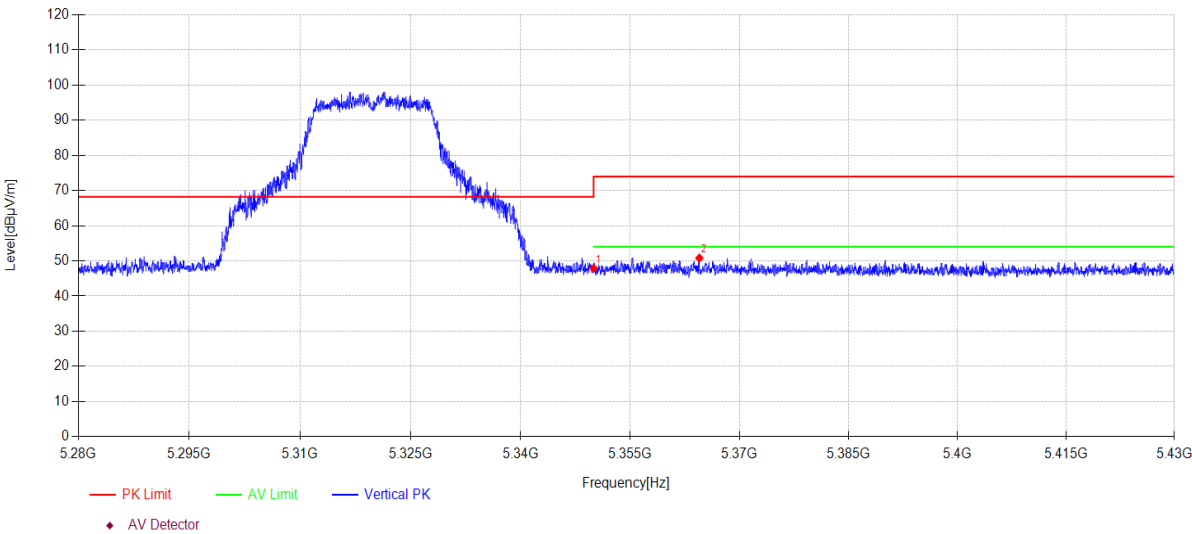
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\54

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	5350.00	9.10	33.10	5.69	0.00	47.89	74.00	26.11	PK	Vertical
2	5364.48	12.02	33.10	5.69	0.00	50.81	74.00	23.19	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:

11N20MIMO 5320MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

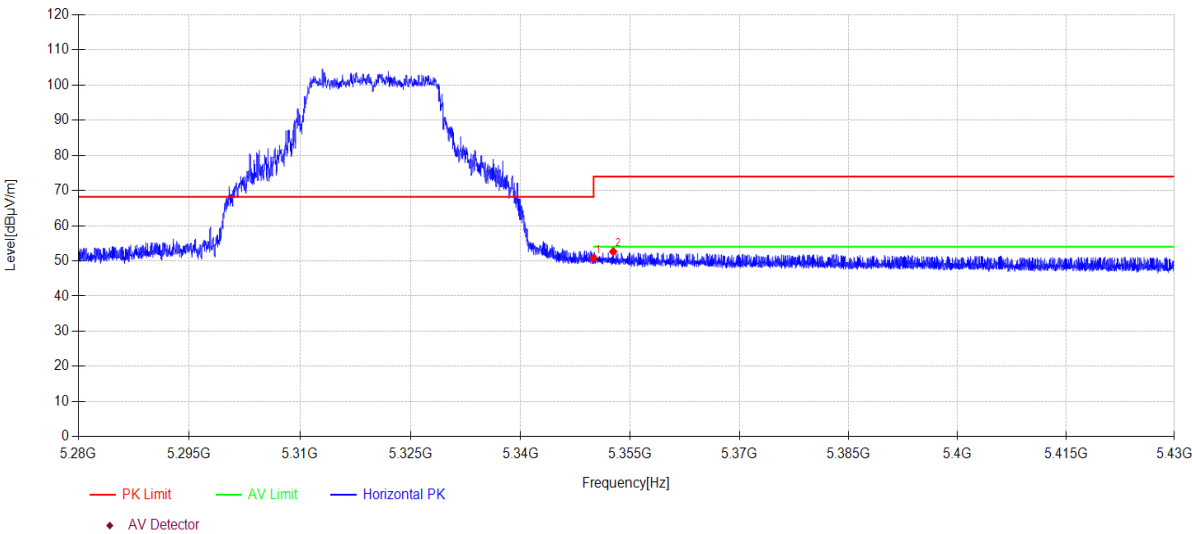
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\55

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	5350.00	11.97	33.10	5.69	0.00	50.76	74.00	23.24	PK	Horizontal
2	5352.68	13.86	33.10	5.69	0.00	52.65	74.00	21.35	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11N20MIMO 5320MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

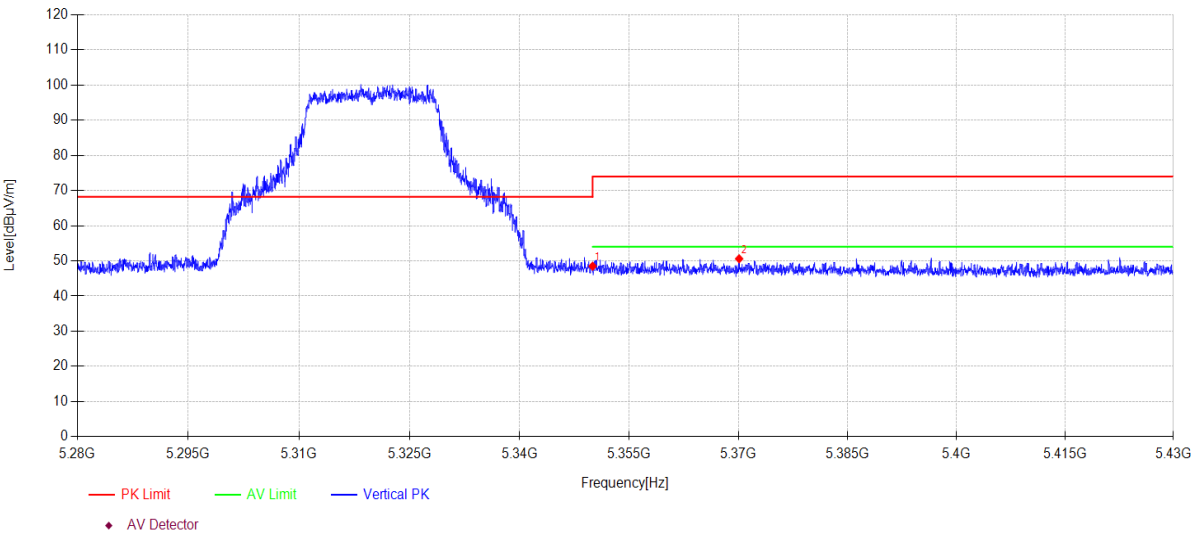
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\56

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	5350.00	9.70	33.10	5.69	0.00	48.49	74.00	25.51	PK	Vertical
2	5370.08	11.80	33.10	5.70	0.00	50.60	74.00	23.40	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 5320MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

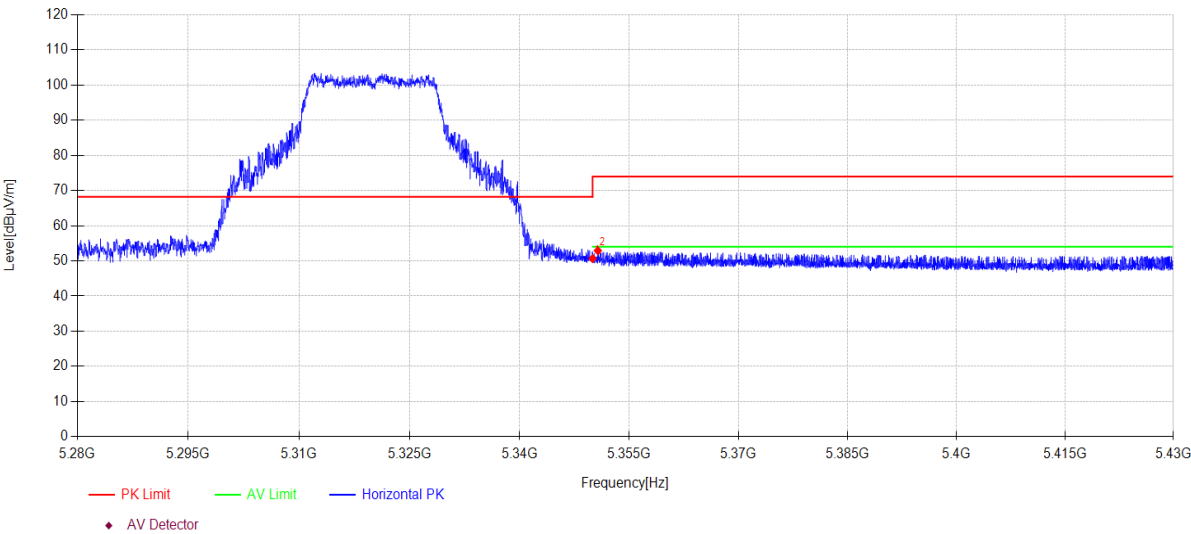
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\57

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	5350.00	11.87	33.10	5.69	0.00	50.66	74.00	23.34	PK	Horizontal
2	5350.71	14.12	33.10	5.69	0.00	52.91	74.00	21.09	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-02-02 Tested By: Bairong

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

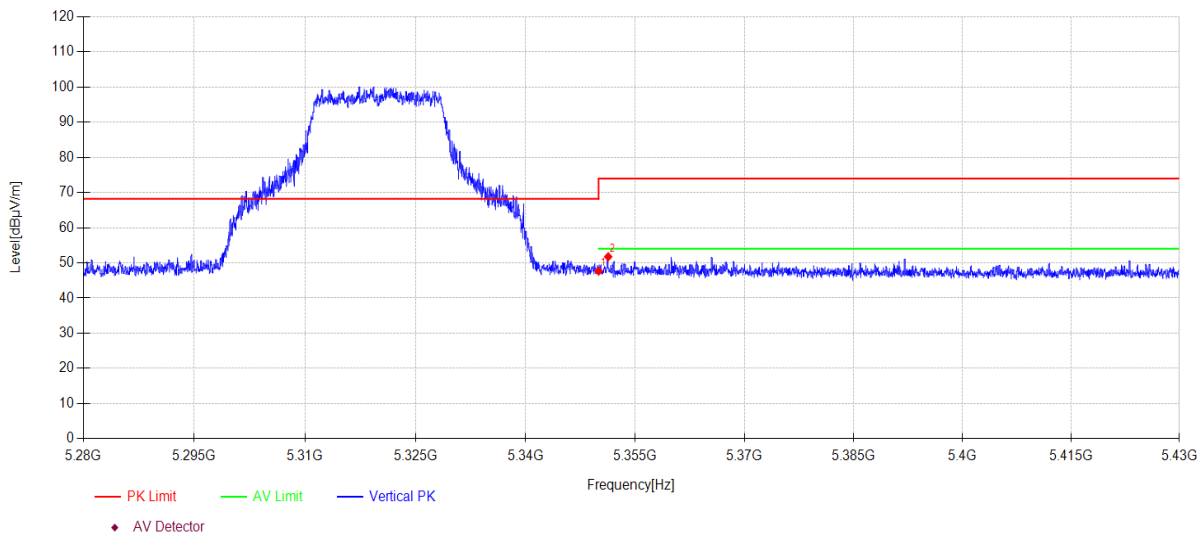
Test Mode: 11AC20MIMO 5320MHz TX Power Supply: AC 120V/60Hz

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\58

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	5350.00	8.86	33.10	5.69	0.00	47.65	74.00	26.35	PK	Vertical
2	5351.31	12.97	33.10	5.69	0.00	51.76	74.00	22.24	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: 2024-02-02 Tested By: Bairong

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

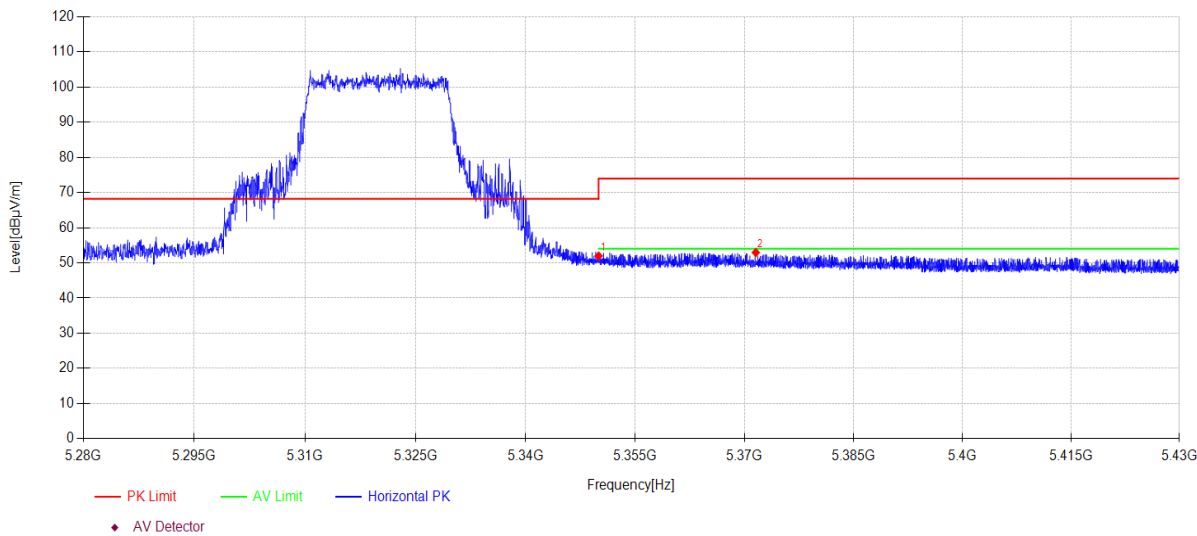
Test Mode: 11AX20MIMO 5320MHz TX Power Supply: AC 120V/60Hz

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\59

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	5350.00	13.19	33.10	5.69	0.00	51.98	74.00	22.02	PK	Horizontal
2	5371.53	14.16	33.10	5.70	0.00	52.96	74.00	21.04	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AX20MIMO 5320MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

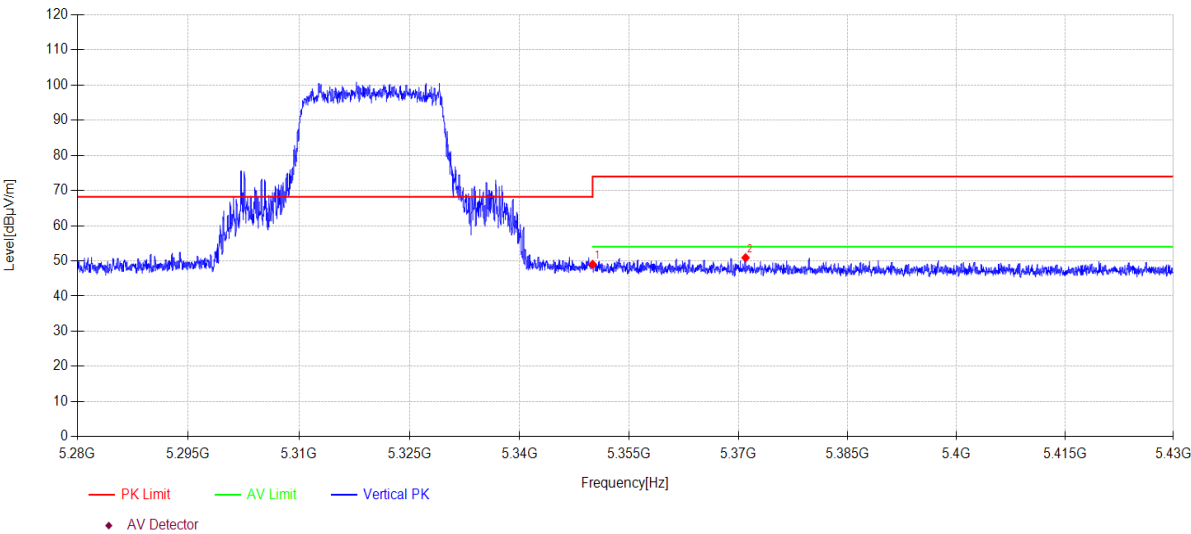
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\60

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	5350.00	10.25	33.10	5.69	0.00	49.04	74.00	24.96	PK	Vertical
2	5370.96	12.10	33.10	5.70	0.00	50.90	74.00	23.10	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 5320MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

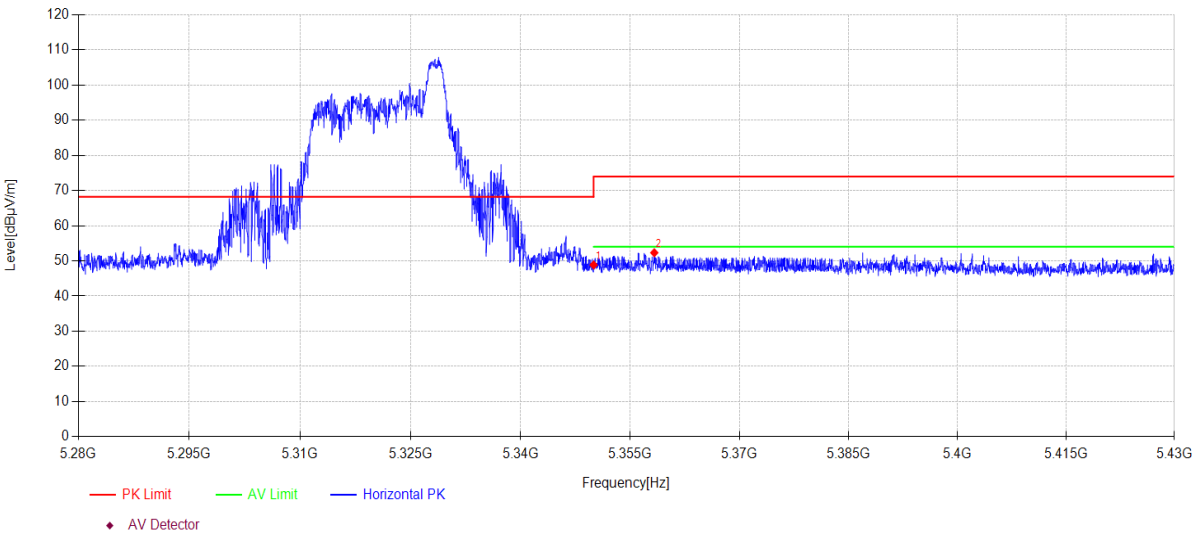
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\61

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	5350.00	10.06	33.10	5.69	0.00	48.85	74.00	25.15	PK	Horizontal
2	5358.30	13.53	33.10	5.69	0.00	52.32	74.00	21.68	PK	Horizontal

Note:

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

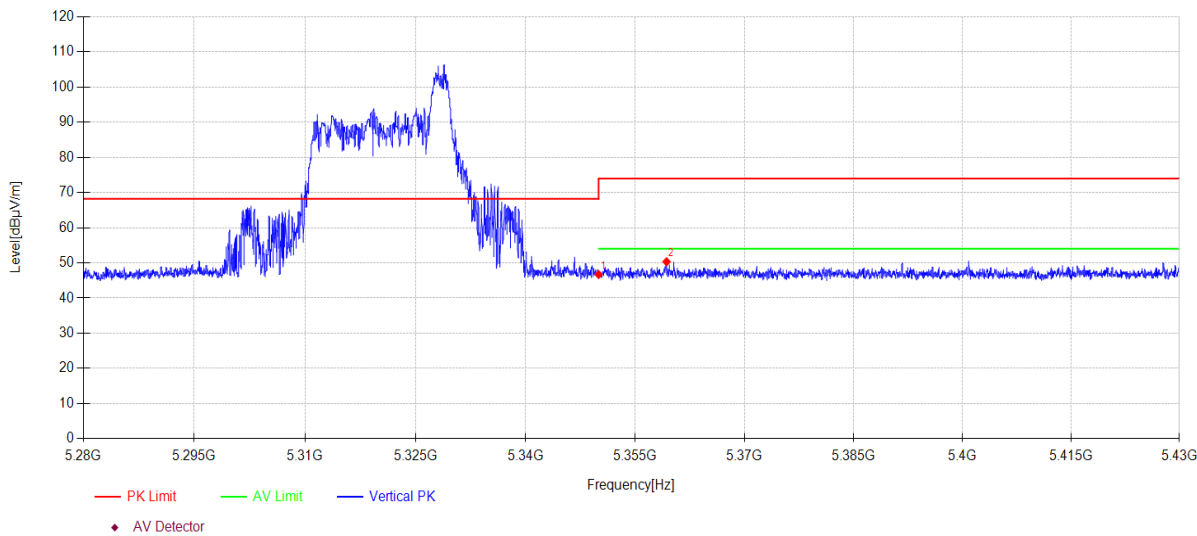
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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: 11AX20MIMO RU8 5320MHz 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\62
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	5350.00	7.91	33.10	5.69	0.00	46.70	74.00	27.30	PK	Vertical
2	5359.29	11.54	33.10	5.69	0.00	50.33	74.00	23.67	PK	Vertical

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11AX20MIMO RU0 5180MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

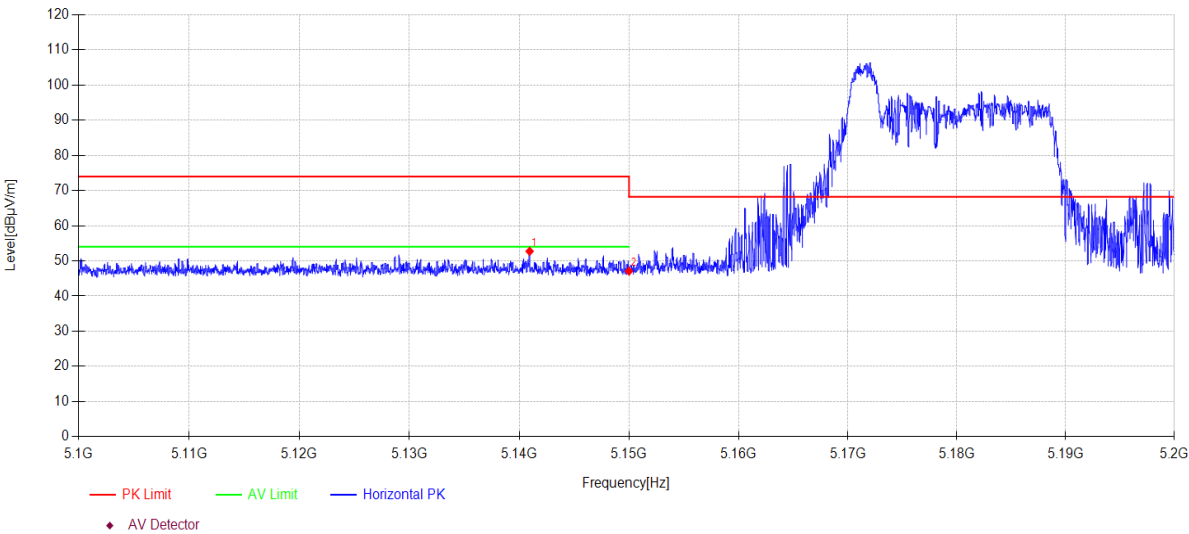
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\63

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	5140.94	13.75	33.40	5.58	0.00	52.73	74.00	21.27	PK	Horizontal
2	5150.00	8.11	33.40	5.59	0.00	47.10	68.20	21.10	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 5180MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

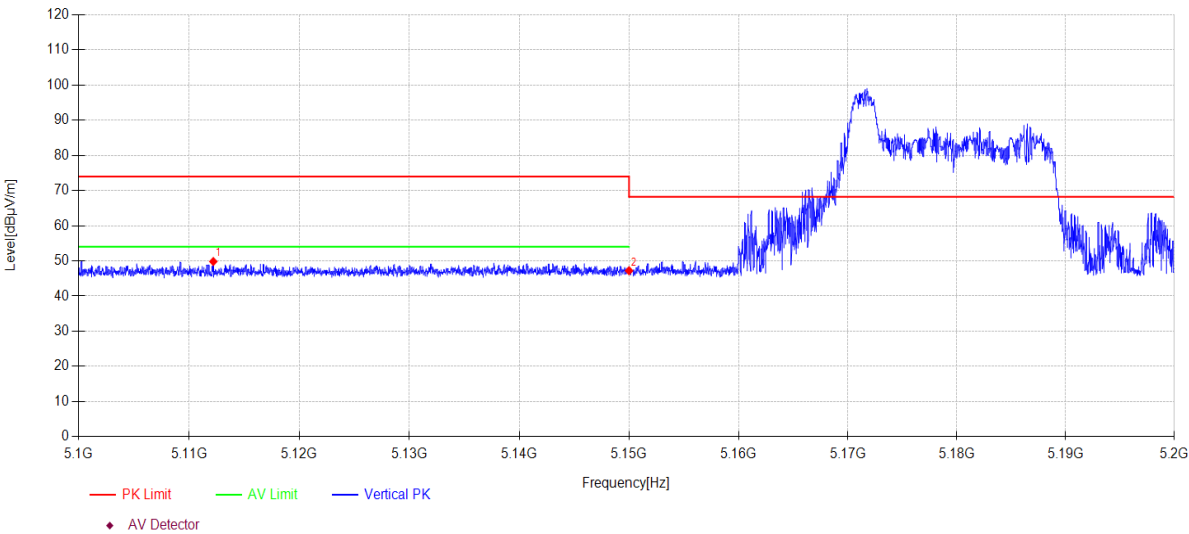
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\64

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	5112.21	10.85	33.40	5.57	0.00	49.82	74.00	24.18	PK	Vertical
2	5150.00	8.22	33.40	5.59	0.00	47.21	68.20	20.99	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11A ANT1 5500MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

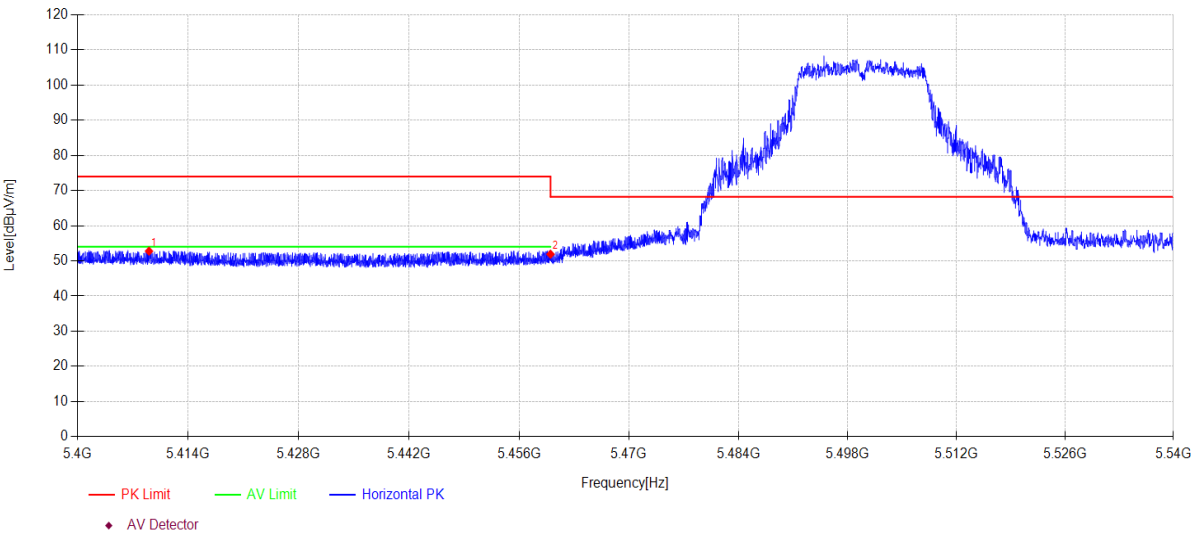
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\65

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	5409.04	13.99	33.08	5.71	0.00	52.78	74.00	21.22	PK	Horizontal
2	5460.00	13.16	33.00	5.74	0.00	51.90	68.20	16.30	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-02-02

Tested By:

Bairong

EUT:

Wireless Speaker

Model Number:

BOOMBOX 3 Wi-Fi

Test Mode:

11A ANT1 5500MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

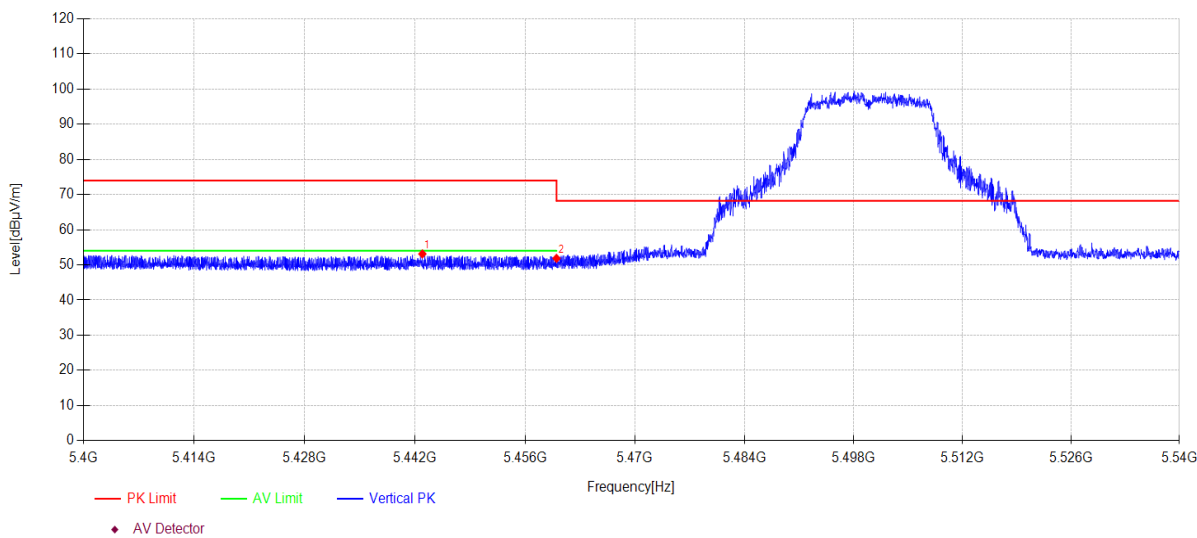
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\66

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	5442.92	14.39	33.01	5.73	0.00	53.13	74.00	20.87	PK	Vertical
2	5460.00	13.12	33.00	5.74	0.00	51.86	68.20	16.34	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 5500MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.5°C;Humi:39.7%

Test Site:

DDT 3# Chamber

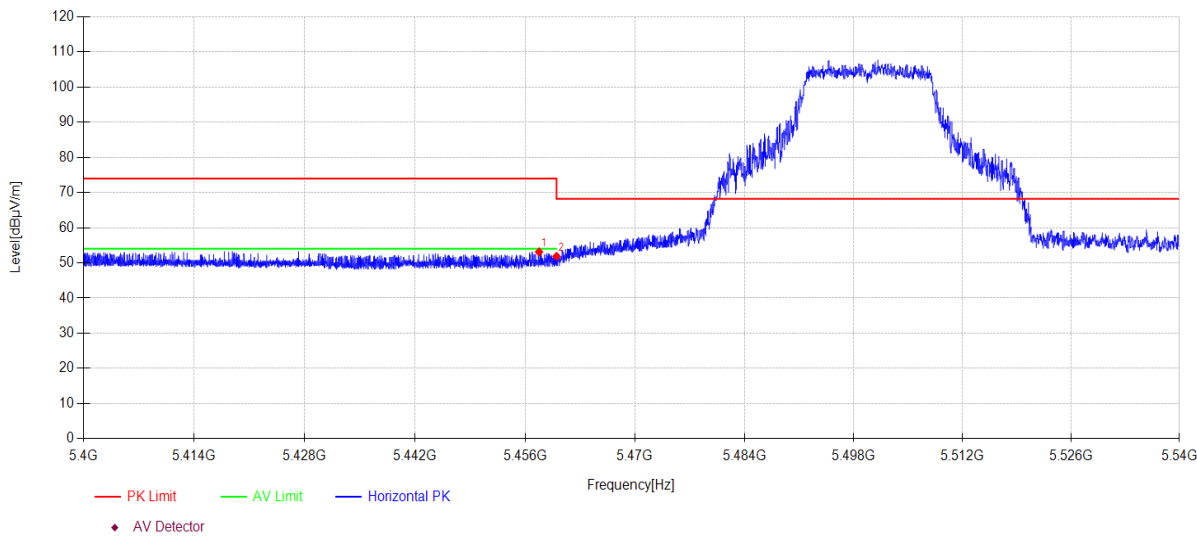
File Path:

d:\ts\2024 report data\Q23111312-2E BOOMBOX 3 Wi-Fi\FCC ABOVE 1G 5GWIFI\67

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	5457.78	14.40	33.00	5.74	0.00	53.14	74.00	20.86	PK	Horizontal
2	5460.00	13.13	33.00	5.74	0.00	51.87	68.20	16.33	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.