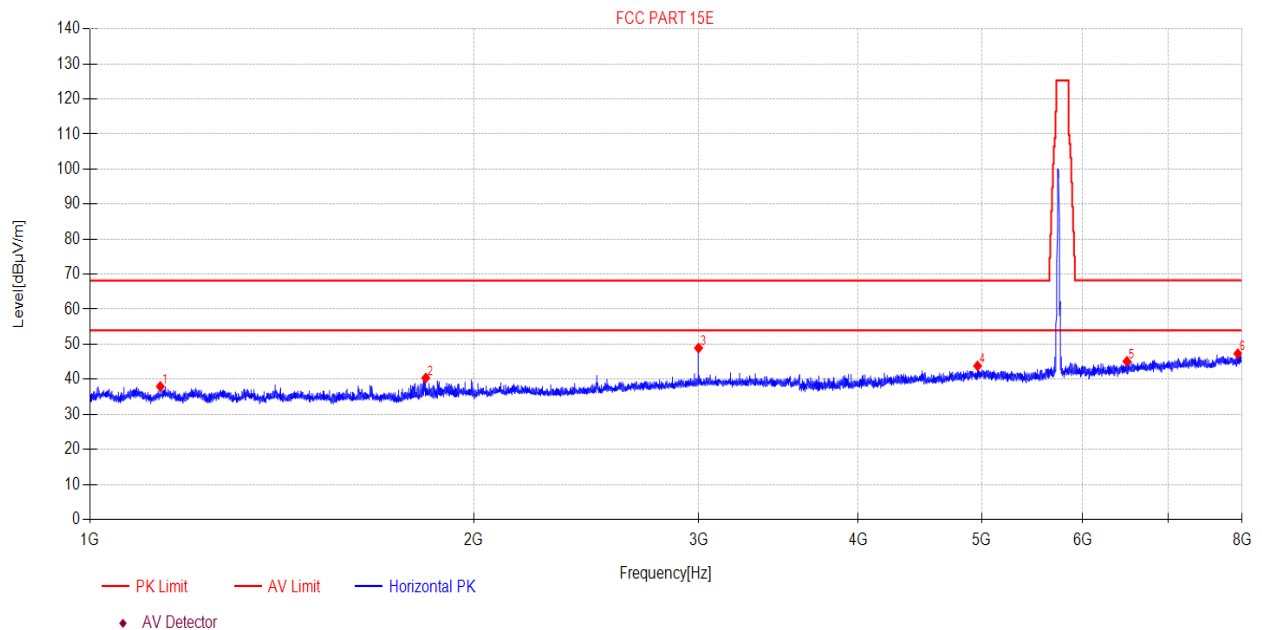


TR-4-E-009 Radiated Emission Test Result

Test Date: 2022-11-14 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\101
Memo: 11A 5745

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1135.46	48.87	-10.91	37.96	68.20	30.24	PK	Horizontal
2	1833.26	51.90	-11.53	40.37	68.20	27.83	PK	Horizontal
3	2999.54	56.74	-7.81	48.93	68.20	19.27	PK	Horizontal
4	4963.19	48.05	-4.24	43.81	68.20	24.39	PK	Horizontal
5	6498.15	46.52	-1.40	45.12	68.20	23.18	PK	Horizontal
6	7938.69	46.61	0.69	47.30	68.20	21.00	PK	Horizontal

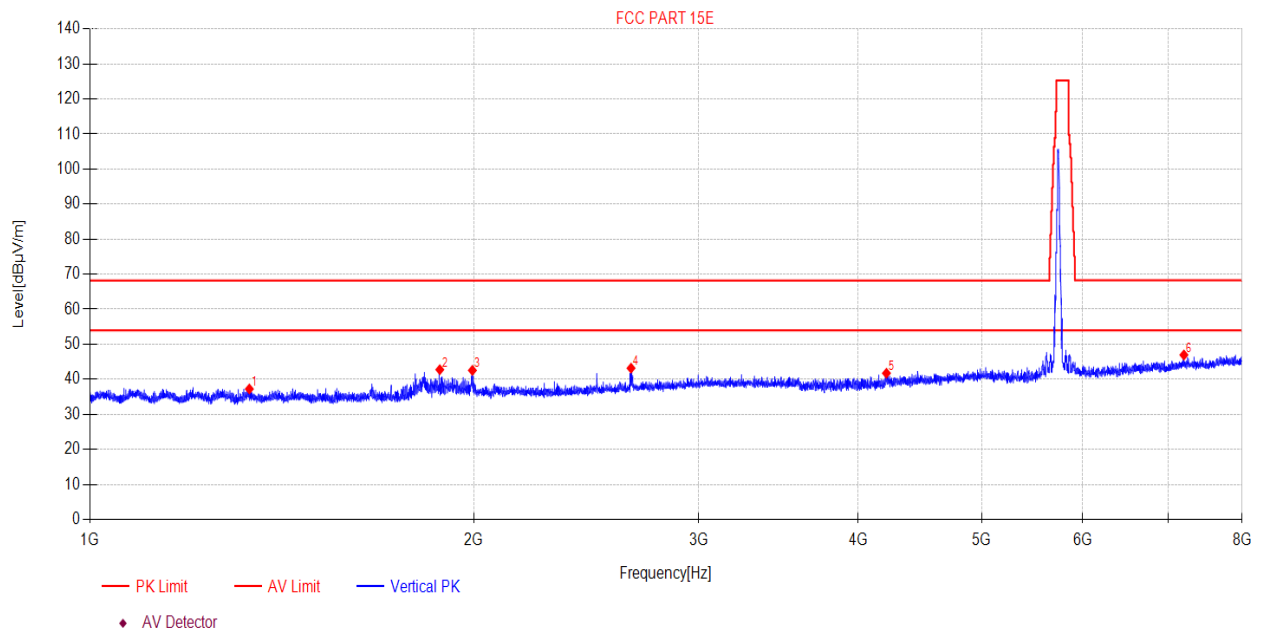
Note:

1. Level = Reading + Factor.
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: 2022-11-14 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G102
Memo: 11A 5745

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1333.45	48.31	-11.06	37.25	68.20	30.95	PK	Vertical
2	1880.36	54.12	-11.36	42.76	68.20	25.44	PK	Vertical
3	1994.32	53.24	-10.69	42.55	68.20	25.65	PK	Vertical
4	2655.46	52.12	-8.95	43.17	68.20	25.03	PK	Vertical
5	4210.50	48.05	-6.31	41.74	68.20	26.46	PK	Vertical
6	7202.59	46.92	0.02	46.94	68.20	21.36	PK	Vertical

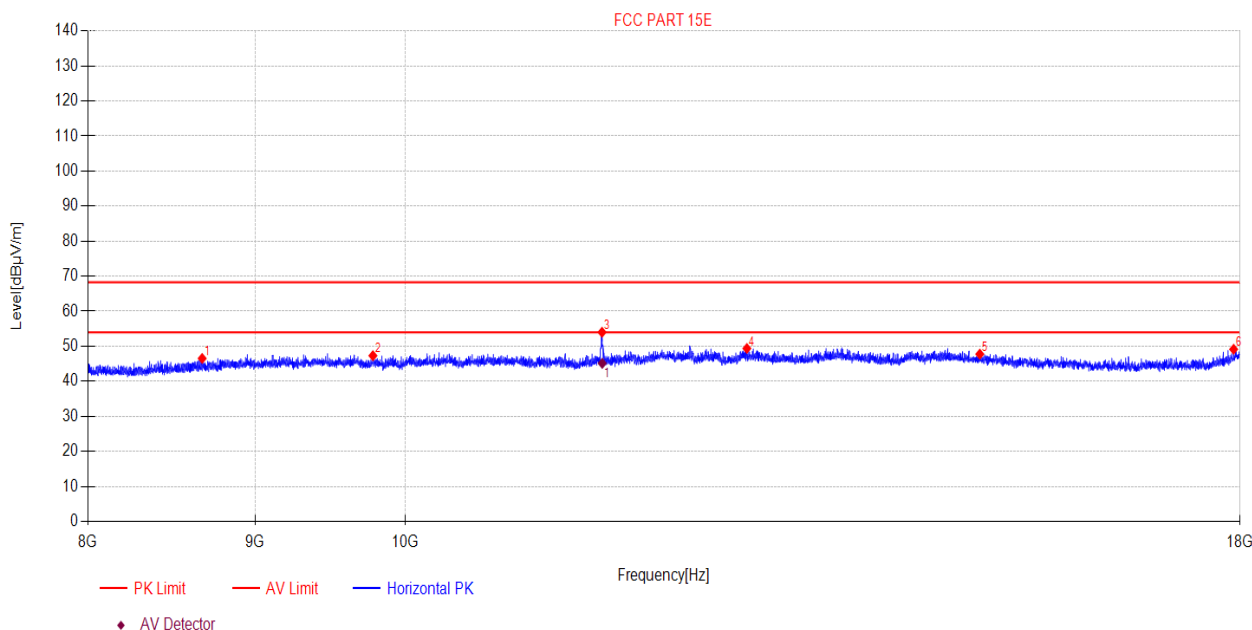
Note:

1. Level = Reading + Factor.
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: 2022-11-14 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G103
Memo: 11A 5745

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	8670.08	44.53	1.99	46.52	68.20	21.78	PK	Horizontal
2	9777.13	45.04	2.26	47.30	68.20	21.00	PK	Horizontal
3	11488.24	50.01	3.99	54.00	68.20	14.30	PK	Horizontal
4	12720.91	44.47	4.90	49.37	68.20	18.93	PK	Horizontal
5	14987.27	42.14	5.61	47.75	68.20	20.55	PK	Horizontal
6	17918.45	41.04	8.10	49.14	68.20	19.16	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11489.52	41.14	3.99	45.13	54.00	8.87	AV	Horizontal

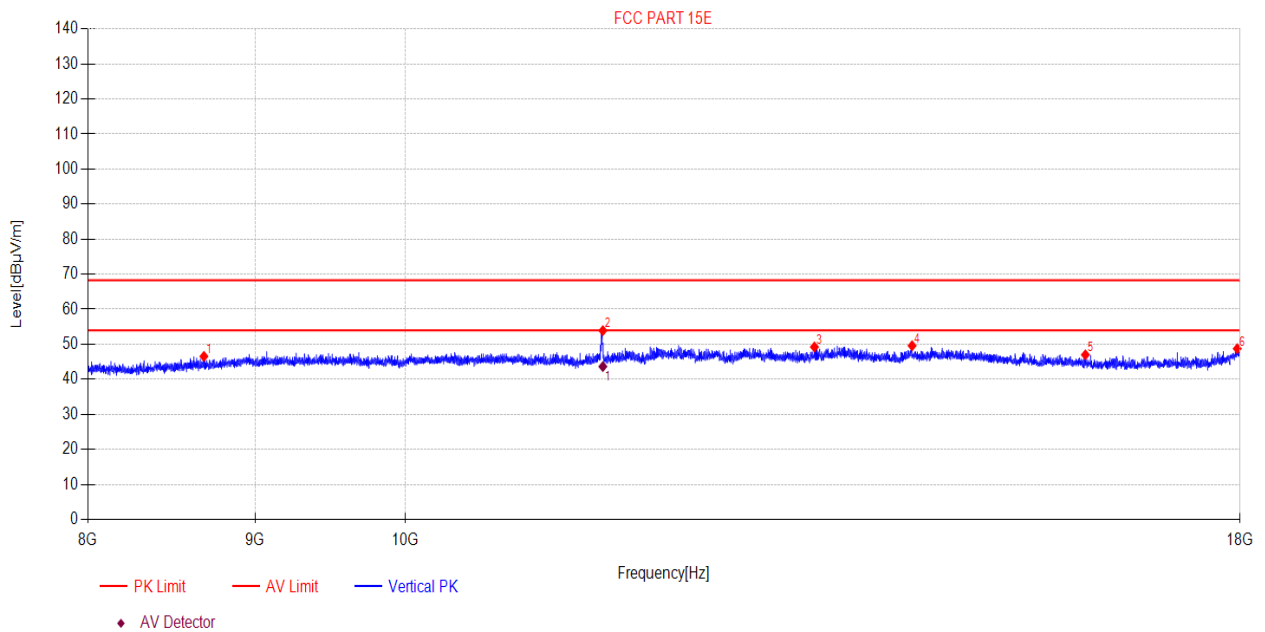
Note:

1. Level = Reading + Factor.
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: 2022-11-14 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G104
Memo: 11A 5745

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	8680.63	44.51	2.03	46.54	68.20	21.76	PK	Vertical
2	11494.76	49.89	4.00	53.89	68.20	14.41	PK	Vertical
3	13339.95	43.73	5.50	49.23	68.20	19.07	PK	Vertical
4	14289.47	43.44	6.15	49.59	68.20	18.71	PK	Vertical
5	16142.81	43.08	3.91	46.99	68.20	21.31	PK	Vertical
6	17965.01	40.36	8.38	48.74	68.20	19.56	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11494.76	39.64	4.00	43.64	54.00	10.36	AV	Vertical

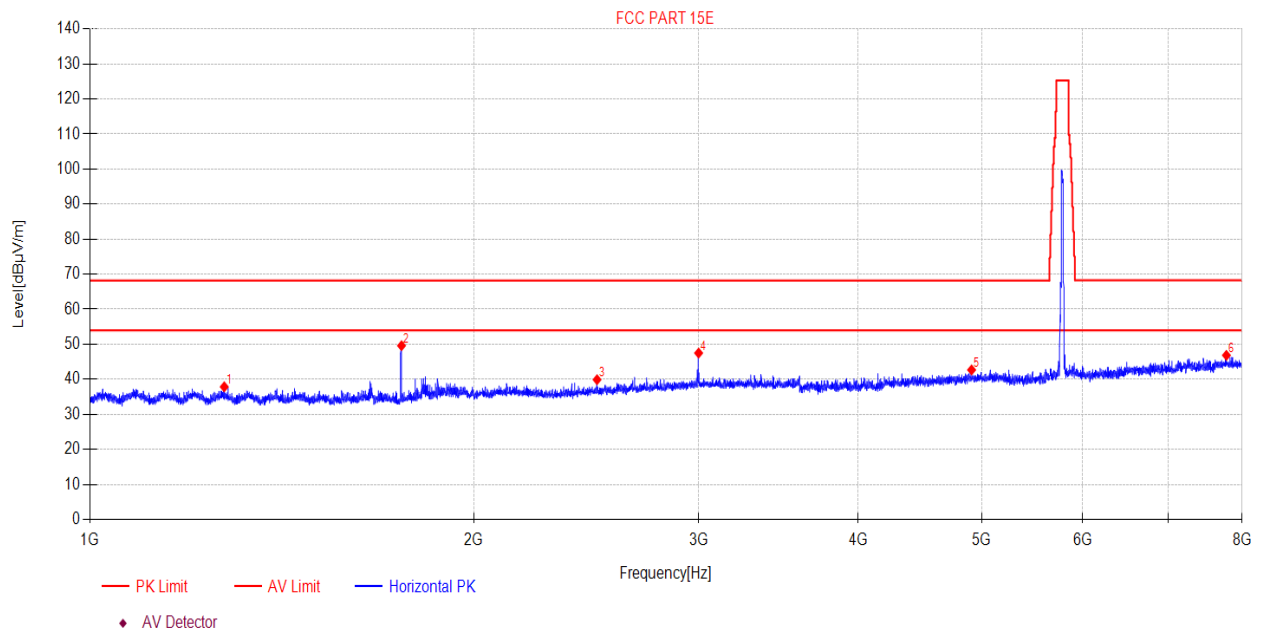
Note:

1. Level = Reading + Factor.
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: 2022-11-14 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\105
Memo: 11A 5785

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1274.35	48.81	-10.95	37.86	68.20	30.34	PK	Horizontal
2	1754.94	61.22	-11.62	49.60	68.20	18.60	PK	Horizontal
3	2497.47	49.30	-9.40	39.90	68.20	28.30	PK	Horizontal
4	3000.16	55.30	-7.81	47.49	68.20	20.71	PK	Horizontal
5	4909.82	47.10	-4.42	42.68	68.20	25.52	PK	Horizontal
6	7776.95	46.47	0.38	46.85	68.20	21.45	PK	Horizontal

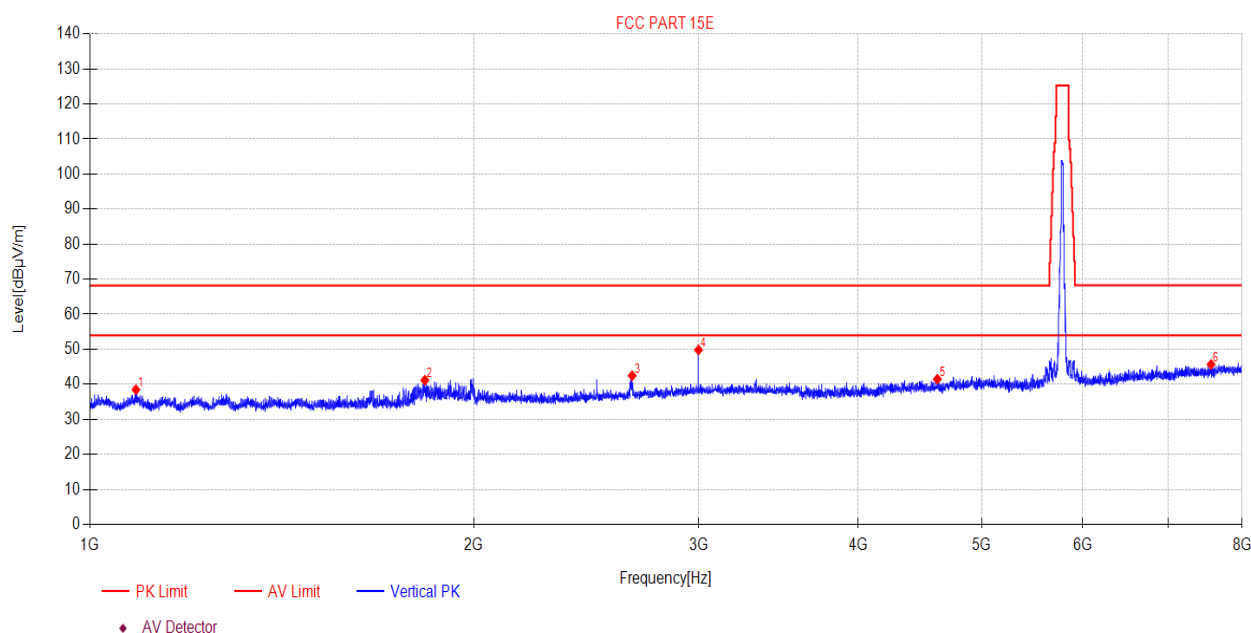
Note:

1. Level = Reading + Factor.
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: 2022-11-14 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\106
Memo: 11A 5785

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1086.73	49.39	-10.93	38.46	68.20	29.74	PK	Vertical
2	1830.21	52.70	-11.54	41.16	68.20	27.04	PK	Vertical
3	2660.98	51.41	-8.94	42.47	68.20	25.73	PK	Vertical
4	2999.54	57.62	-7.81	49.81	68.20	18.39	PK	Vertical
5	4615.80	46.97	-5.49	41.48	68.20	26.72	PK	Vertical
6	7564.83	45.64	0.05	45.69	68.20	22.61	PK	Vertical

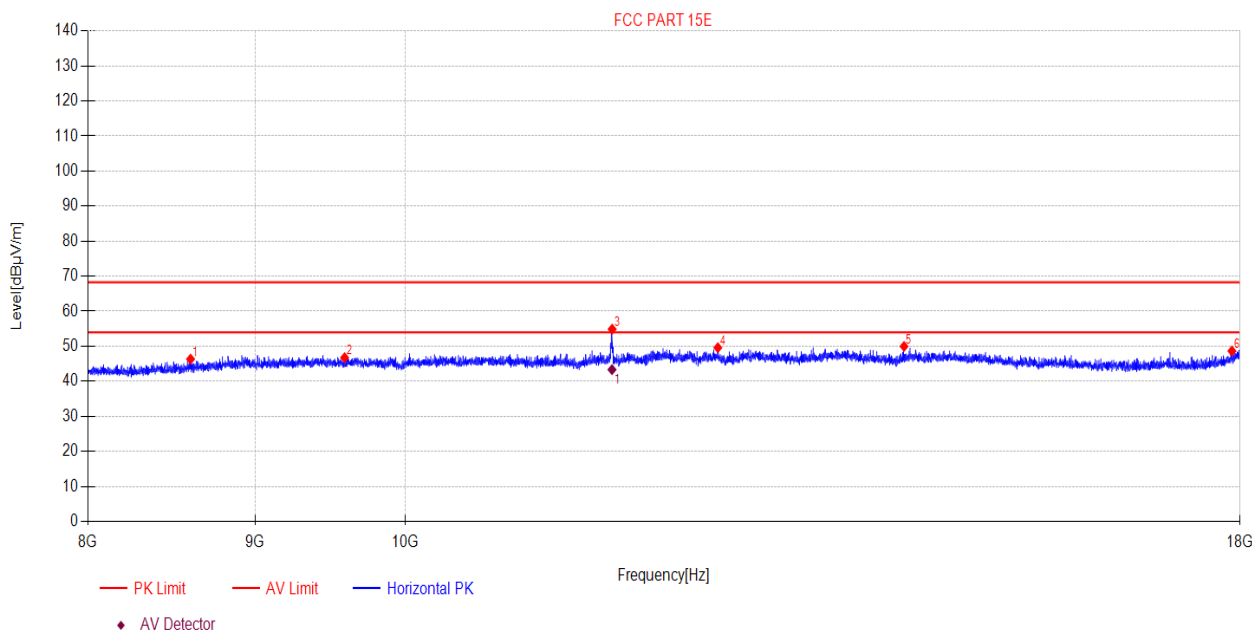
Note:

1. Level = Reading + Factor.
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: 2022-11-14 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\107
Memo: 11A 5785

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	8599.36	44.60	1.72	46.32	68.20	21.98	PK	Horizontal
2	9584.04	44.18	2.56	46.74	68.20	21.56	PK	Horizontal
3	11570.50	50.81	4.07	54.88	68.20	13.42	PK	Horizontal
4	12463.62	44.84	4.76	49.60	68.20	18.70	PK	Horizontal
5	14208.60	43.85	6.11	49.96	68.20	18.34	PK	Horizontal
6	17896.67	40.69	7.96	48.65	68.20	19.65	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11568.71	39.28	4.06	43.34	54.00	10.66	AV	Horizontal

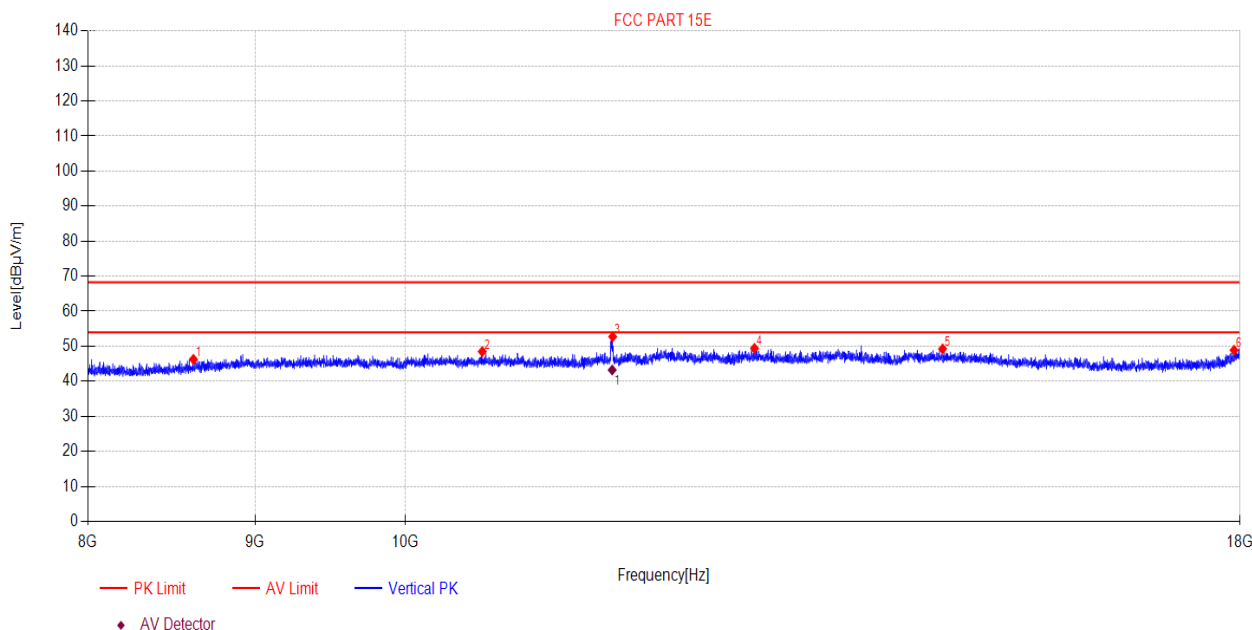
Note:

1. Level = Reading + Factor.
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: 2022-11-14 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G108
Memo: 11A 5785

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	8616.81	44.50	1.78	46.28	68.20	22.02	PK	Vertical
2	10559.18	45.62	2.86	48.48	68.20	19.82	PK	Vertical
3	11574.26	48.67	4.07	52.74	68.20	15.56	PK	Vertical
4	12789.17	44.48	4.93	49.41	68.20	18.89	PK	Vertical
5	14599.84	43.25	6.00	49.25	68.20	19.05	PK	Vertical
6	17924.26	40.75	8.14	48.89	68.20	19.41	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11570.28	39.16	4.07	43.23	54.00	10.77	AV	Vertical

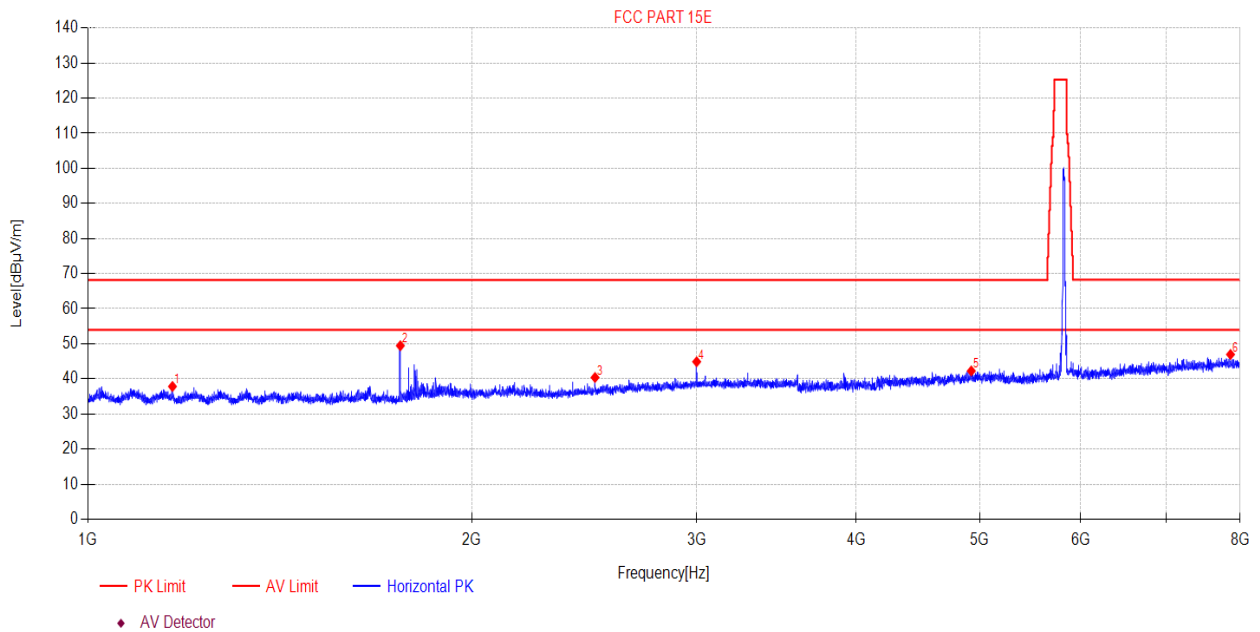
Note:

1. Level = Reading + Factor.
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: 2022-11-14 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\111
Memo: 11A 5825

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1164.88	48.75	-10.91	37.84	68.20	30.36	PK	Horizontal
2	1757.49	61.07	-11.62	49.45	68.20	18.75	PK	Horizontal
3	2497.47	49.80	-9.40	40.40	68.20	27.80	PK	Horizontal
4	3000.16	52.70	-7.81	44.89	68.20	23.31	PK	Horizontal
5	4925.16	46.63	-4.36	42.27	68.20	25.93	PK	Horizontal
6	7863.12	46.36	0.60	46.96	68.20	21.34	PK	Horizontal

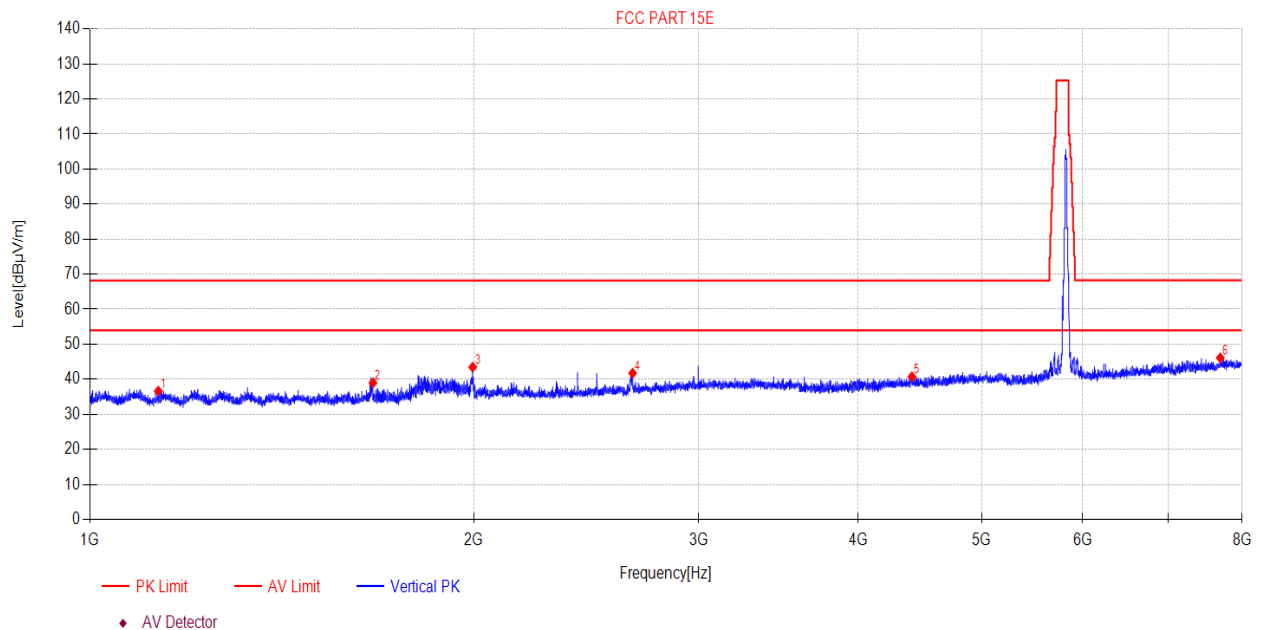
Note:

1. Level = Reading + Factor.
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: 2022-11-14 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\112
Memo: 11A 5825

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1131.46	47.57	-10.92	36.65	68.20	31.55	PK	Vertical
2	1666.74	50.60	-11.62	38.98	68.20	29.22	PK	Vertical
3	1995.57	54.16	-10.69	43.47	68.20	24.73	PK	Vertical
4	2663.20	50.67	-8.93	41.74	68.20	26.46	PK	Vertical
5	4409.41	46.58	-5.83	40.75	68.20	27.45	PK	Vertical
6	7691.72	45.83	0.28	46.11	68.20	22.19	PK	Vertical

Note:

1. Level = Reading + Factor.
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: 2022-11-14 **Tested By:** Bairong

EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus

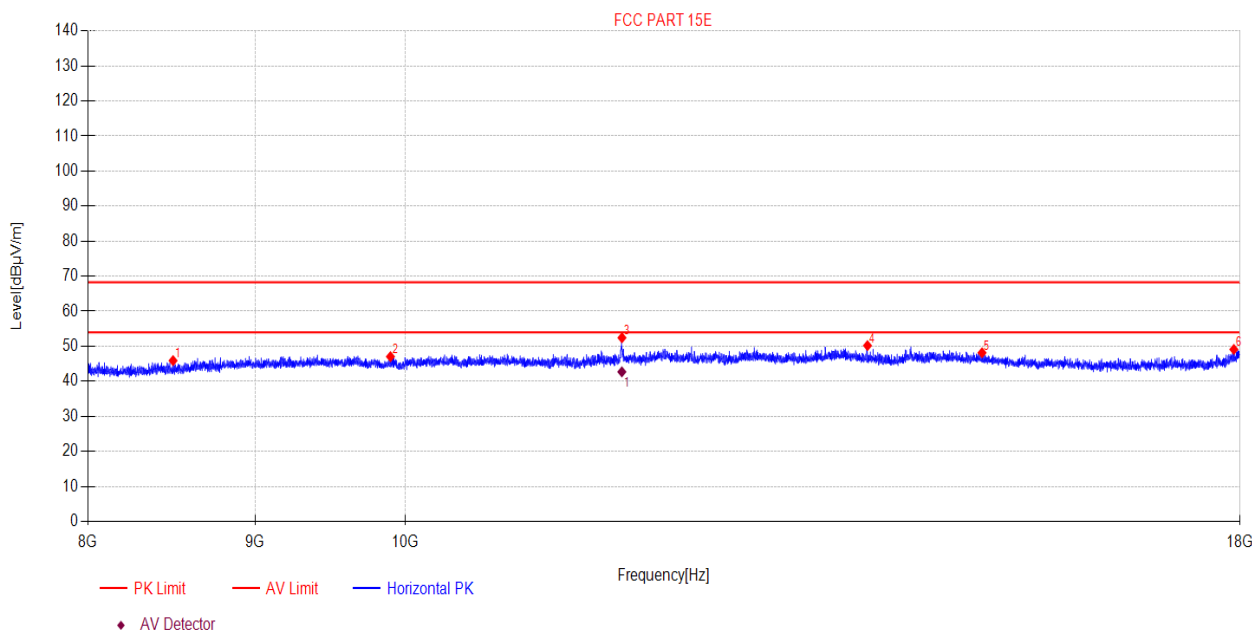
Test Mode: TX Mode **Power Supply:** AC120V/60Hz

Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\109

Memo: 11A 5825

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	8494.03	44.59	1.31	45.90	68.20	22.40	PK	Horizontal
2	9898.37	44.90	2.14	47.04	68.20	21.26	PK	Horizontal
3	11650.52	48.28	4.15	52.43	68.20	15.87	PK	Horizontal
4	13848.03	44.46	5.73	50.19	68.20	18.11	PK	Horizontal
5	15010.37	42.58	5.57	48.15	68.20	20.15	PK	Horizontal
6	17921.36	40.99	8.12	49.11	68.20	19.19	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11649.63	38.55	4.15	42.70	54.00	11.30	AV	Horizontal

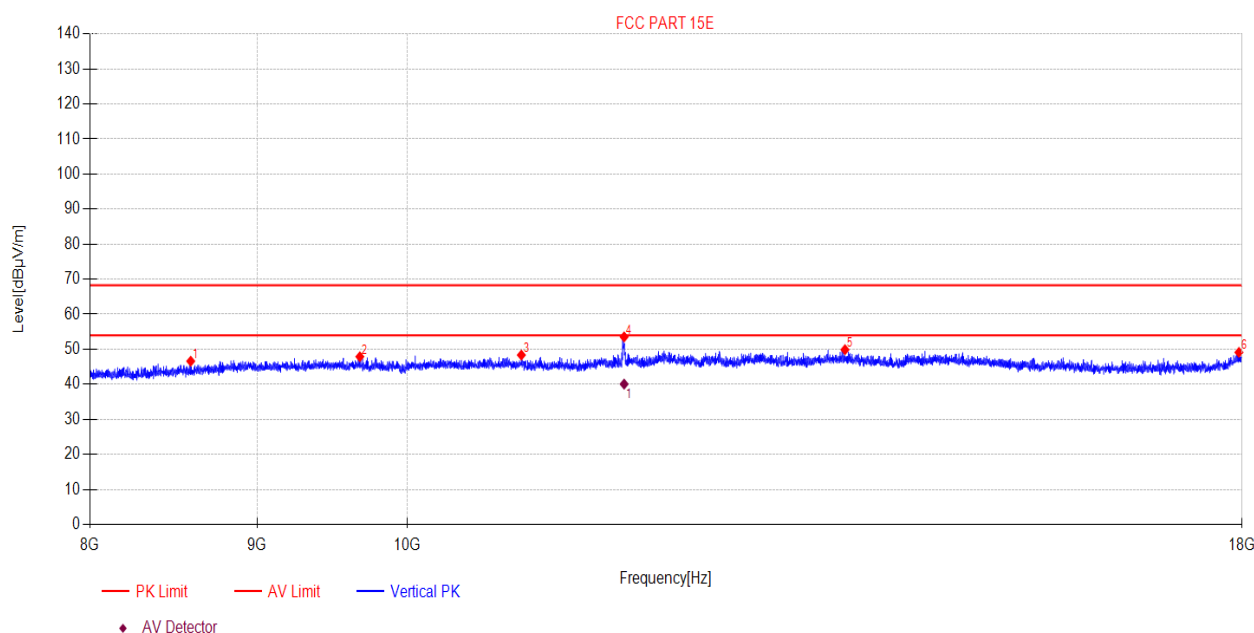
Note:

1. Level = Reading + Factor.
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: 2022-11-14 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\110
Memo: 11A 5825

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	8588.21	44.91	1.68	46.59	68.20	21.71	PK	Vertical
2	9673.82	45.51	2.37	47.88	68.20	20.42	PK	Vertical
3	10838.50	45.27	3.07	48.34	68.20	19.96	PK	Vertical
4	11651.47	49.38	4.15	53.53	68.20	14.77	PK	Vertical
5	13610.92	44.17	5.71	49.88	68.20	18.42	PK	Vertical
6	17960.64	40.76	8.35	49.11	68.20	19.19	PK	Vertical

Final Data List

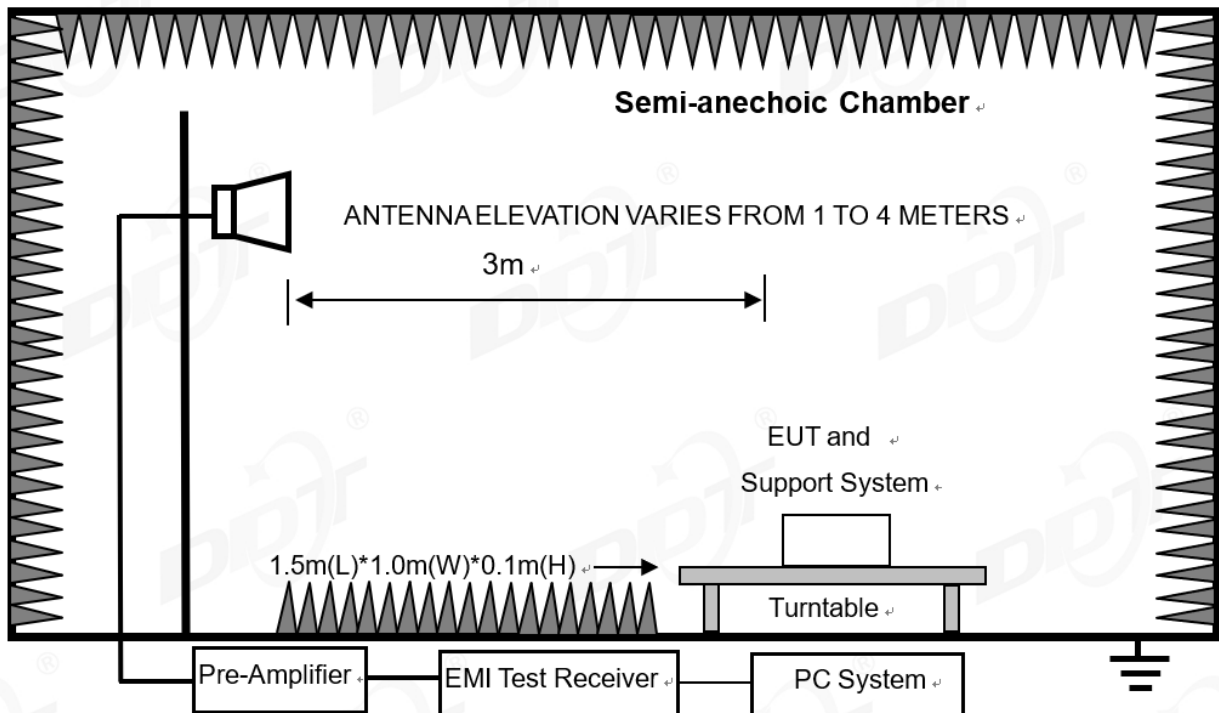
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11651.85	35.91	4.15	40.06	54.00	13.94	AV	Vertical

Note:

1. Level = Reading + Factor.
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.

10. Band Edge Compliance

10.1. Block diagram of test setup



10.2. Limit

For transmitters operating in the 5.15-5.25 GHz and 5.725-5.85 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.

$$-27 \text{ dBm/MHz Limit} = 95.2 + \text{EIRP}[\text{dBm}] = 95.2 - 27 = 68.2 \text{ dB}\mu\text{V/m}$$

10.3. Test Procedure

Same with clause 8.3 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.

10.4. Test result

Pass. (See below detailed test result)

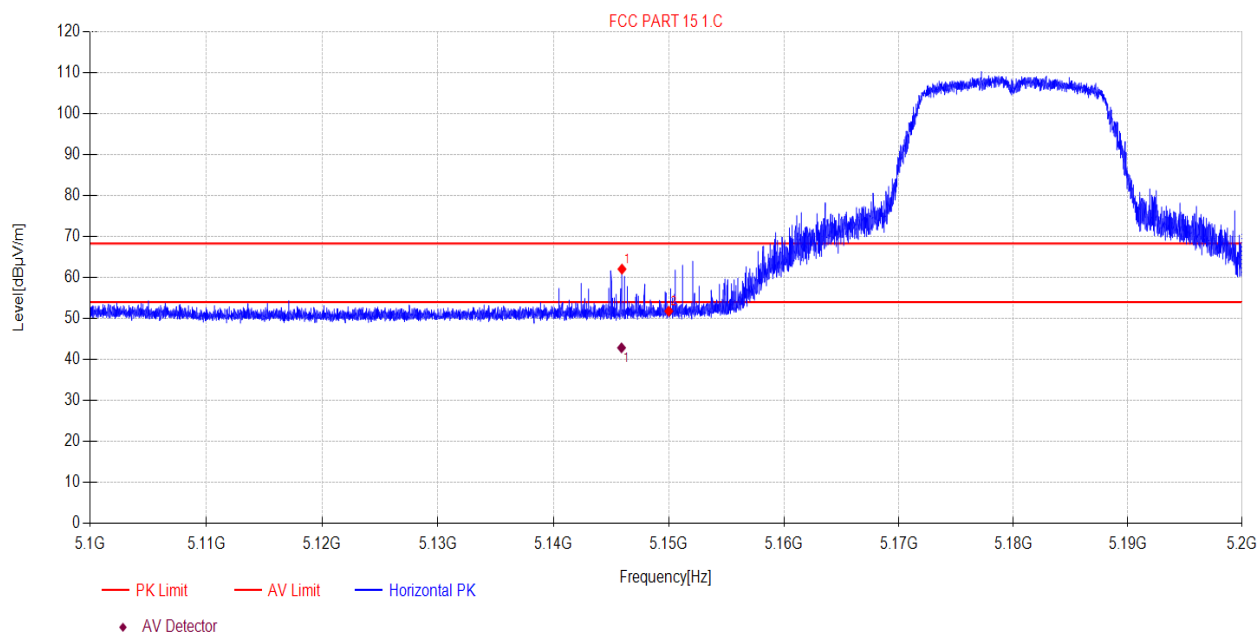
Note: As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit.

Note2: 11a, 11n20, n40, 11ac20, 11ac40, 11ac80, 11ax20, 11ax40, 11ax80 mode all have been tested, only 11a mode, 11n20, n40, 11ac20, 11ac40, 11ac80, 11ax20, 11ax40, 11ax80 mode of MIMO mode are worse case and reported.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** 120V/60Hz
Condition: Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\1
Memo: 11A 5180 Ant1

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5145.94	56.09	5.99	62.08	68.20	6.12	PK	Horizontal
2	5150.00	45.82	5.99	51.81	68.20	16.39	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5145.90	36.86	5.99	42.85	54.00	11.15	AV	Horizontal

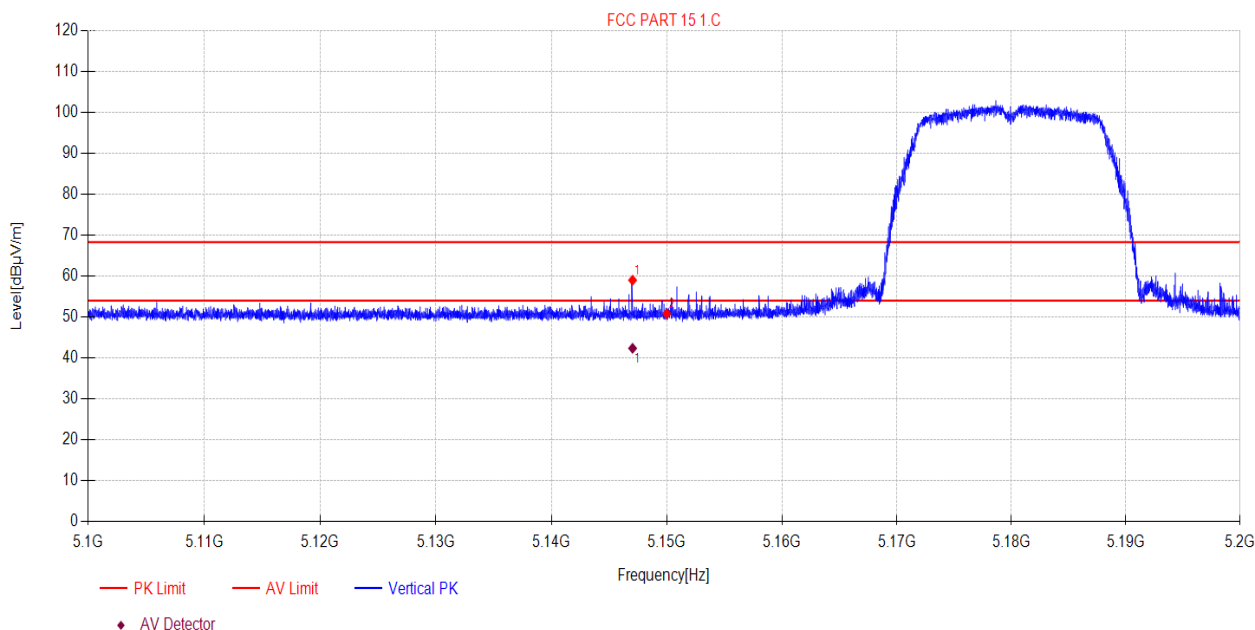
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** 120V/60Hz
Condition: Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\2
Memo: 11A 5180 Ant1

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.03	53.04	5.99	59.03	68.20	9.17	PK	Vertical
2	5150.00	44.84	5.99	50.83	68.20	17.37	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.03	36.37	5.99	42.36	54.00	11.64	AV	Vertical

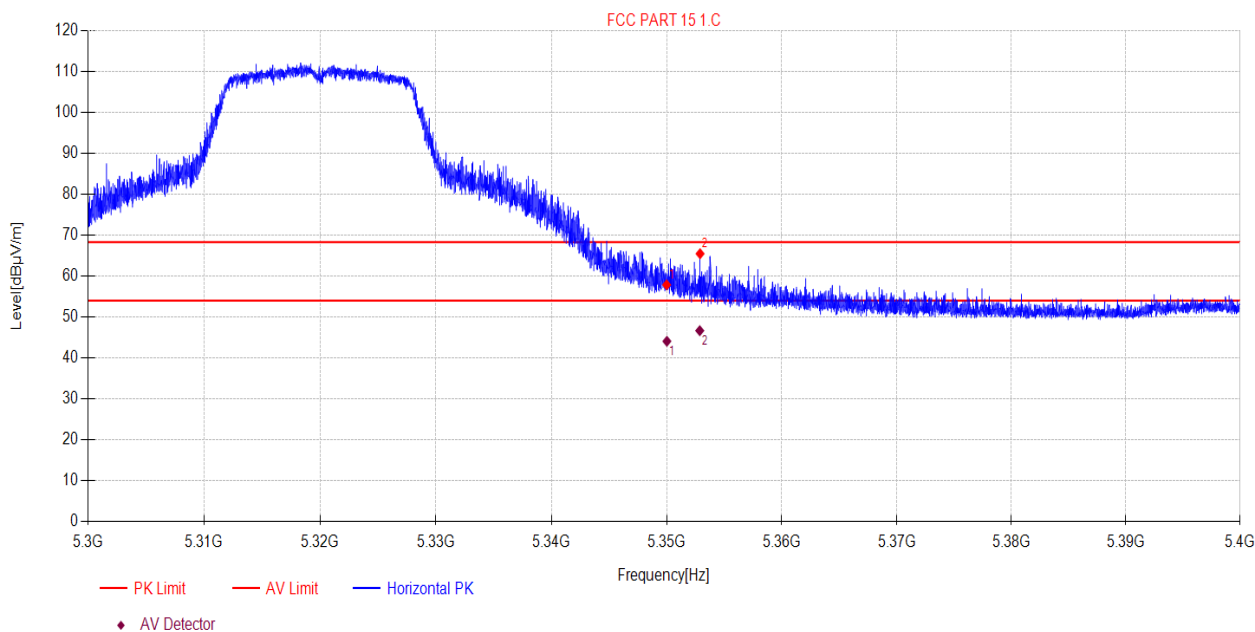
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** 120V/60Hz
Condition: Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\3
Memo: 11A 5320 Ant1

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	51.73	6.15	57.88	68.20	10.32	PK	Horizontal
2	5352.90	59.35	6.15	65.50	68.20	2.70	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.02	37.93	6.15	44.08	54.00	9.92	AV	Horizontal
2	5352.87	40.52	6.15	46.67	54.00	7.33	AV	Horizontal

Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong

EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus

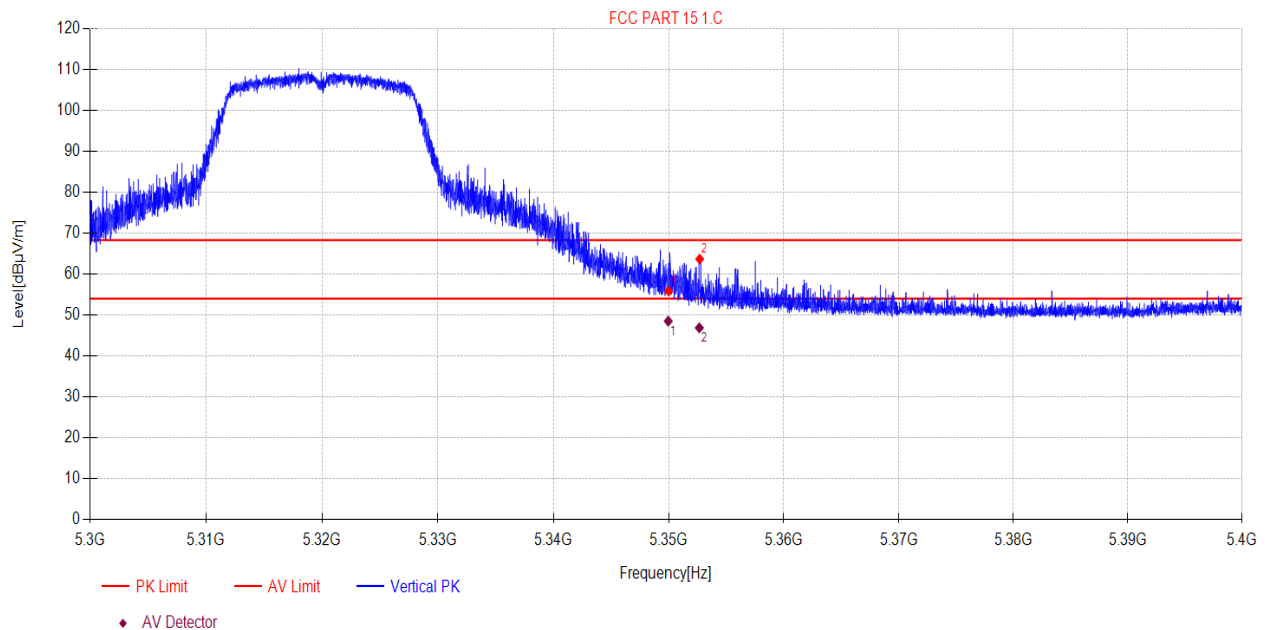
Test Mode: TX Mode **Power Supply:** 120V/60Hz

Condition: Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\4

Memo: 11A 5320 Ant1

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	49.72	6.15	55.87	68.20	12.33	PK	Vertical
2	5352.69	57.56	6.15	63.71	68.20	4.49	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5349.96	42.37	6.15	48.52	54.00	5.48	AV	Vertical
2	5352.66	40.73	6.15	46.88	54.00	7.12	AV	Vertical

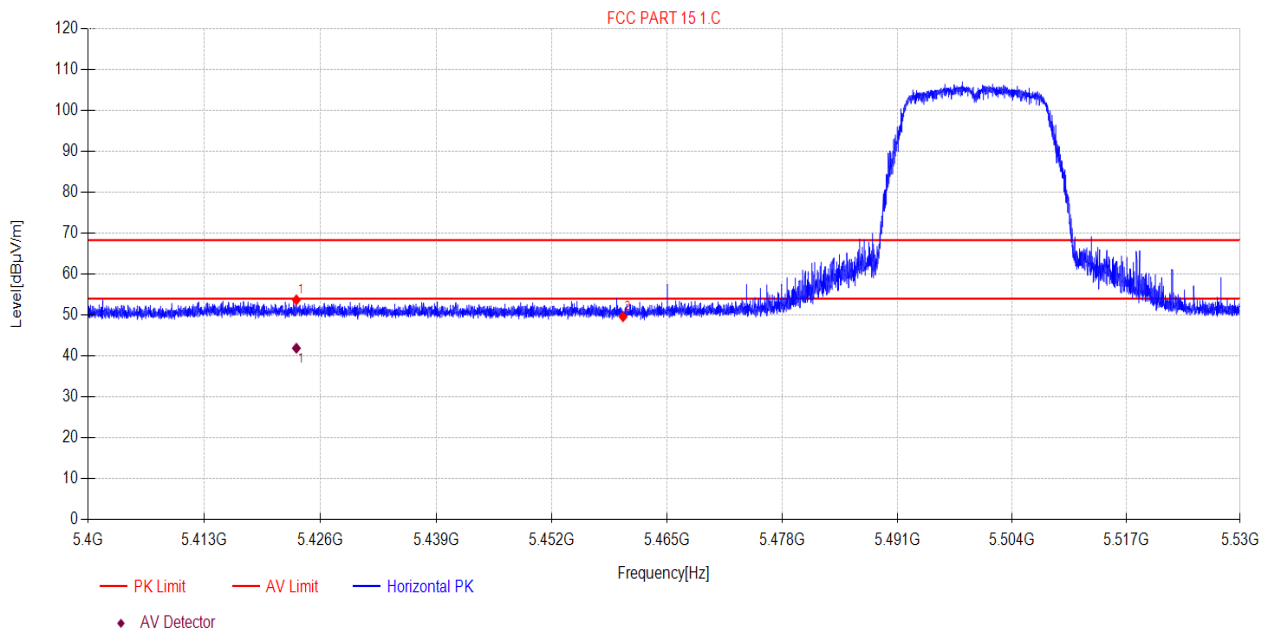
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** 120V/60Hz
Condition: Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\5
Memo: 11A 5500 Ant1

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5423.30	47.52	6.21	53.73	68.20	14.47	PK	Horizontal
2	5460.00	43.35	6.24	49.59	68.20	18.61	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5423.30	35.68	6.21	41.89	54.00	12.11	AV	Horizontal

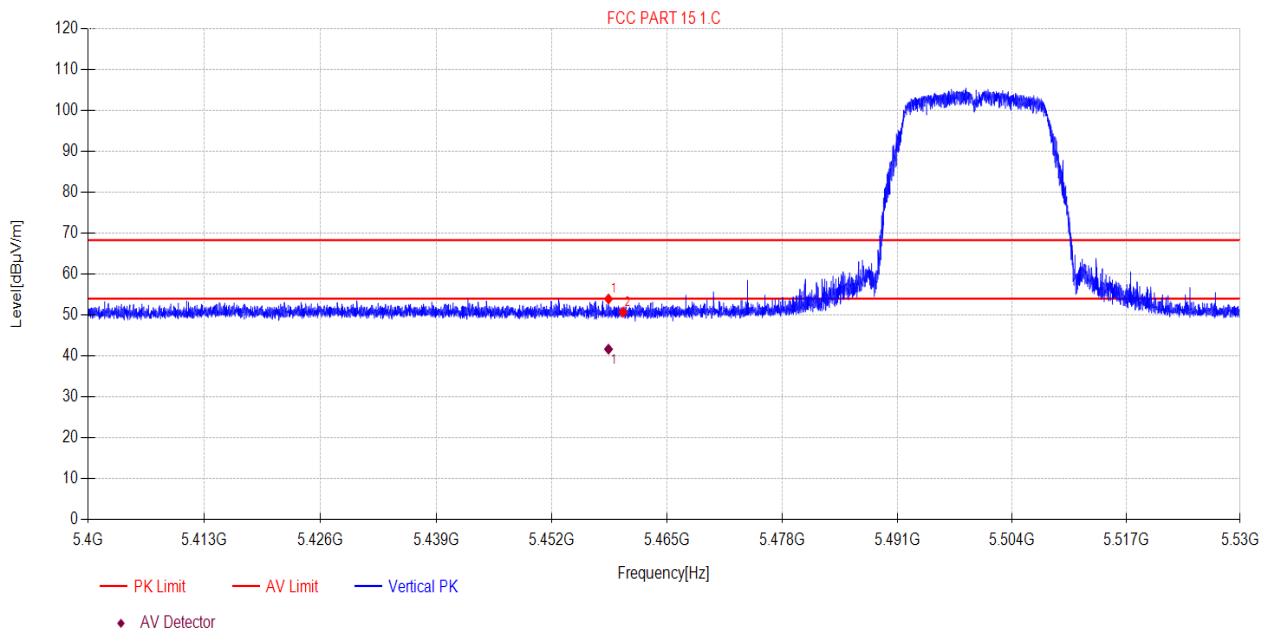
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** 120V/60Hz
Condition: Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\6
Memo: 11A 5500 Ant1

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.36	47.70	6.24	53.94	68.20	14.26	PK	Vertical
2	5460.00	44.47	6.24	50.71	68.20	17.49	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.36	35.42	6.24	41.66	54.00	12.34	AV	Vertical

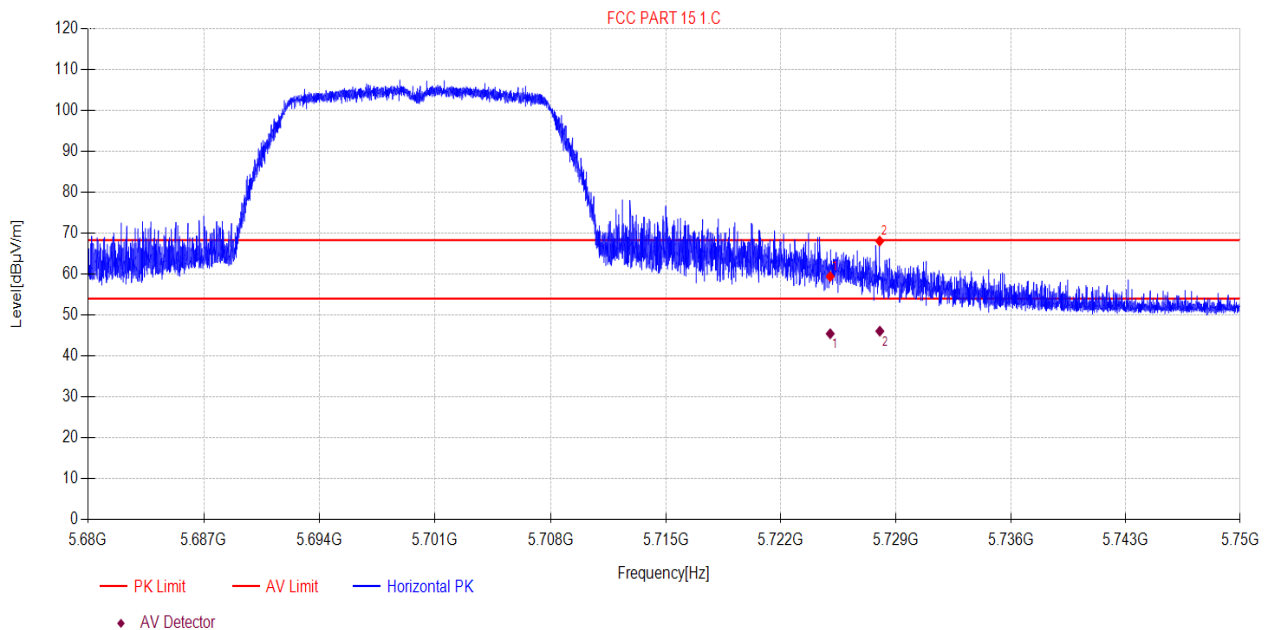
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** 120V/60Hz
Condition: Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\7
Memo: 11A 5700 Ant1

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	52.42	7.00	59.42	68.20	8.78	PK	Horizontal
2	5728.01	61.08	7.01	68.09	68.20	0.11	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	38.43	7.00	45.43	54.00	8.57	AV	Horizontal
2	5728.02	39.05	7.01	46.06	54.00	7.94	AV	Horizontal

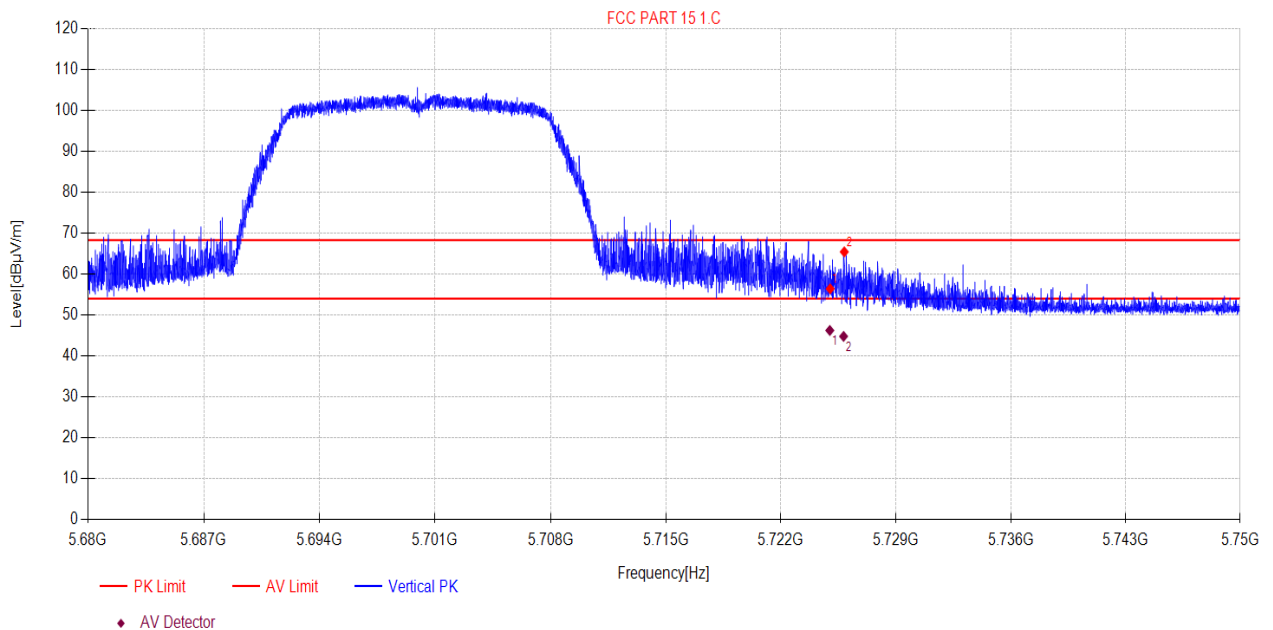
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** 120V/60Hz
Condition: Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\8
Memo: 11A 5700 Ant1

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	49.42	7.00	56.42	68.20	11.78	PK	Vertical
2	5725.86	58.46	7.00	65.46	68.20	2.74	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.98	39.24	7.00	46.24	54.00	7.76	AV	Vertical
2	5725.82	37.79	7.00	44.79	54.00	9.21	AV	Vertical

Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong

EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus

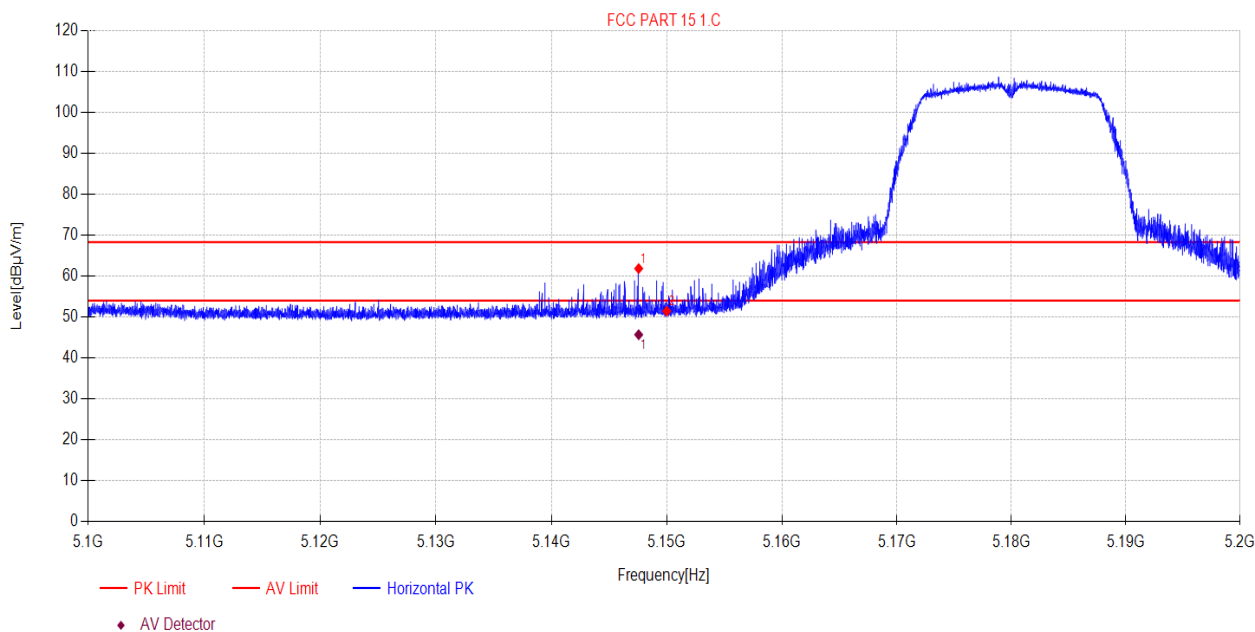
Test Mode: TX Mode **Power Supply:** 120V/60Hz

Condition: Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\9

Memo: 11A 5180 Ant2

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.56	55.87	5.99	61.86	68.20	6.34	PK	Horizontal
2	5150.00	45.47	5.99	51.46	68.20	16.74	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.56	39.69	5.99	45.68	54.00	8.32	AV	Horizontal

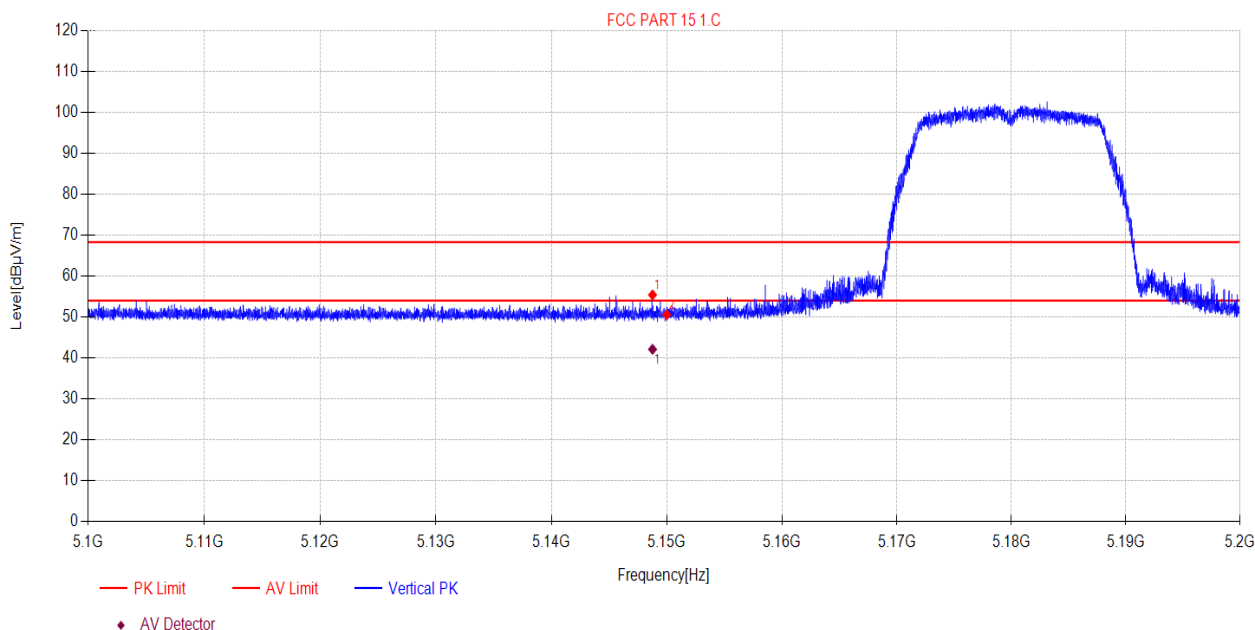
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** 120V/60Hz
Condition: Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G10
Memo: 11A 5180 Ant2

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.76	49.43	5.99	55.42	68.20	12.78	PK	Vertical
2	5150.00	44.57	5.99	50.56	68.20	17.64	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.76	36.13	5.99	42.12	54.00	11.88	AV	Vertical

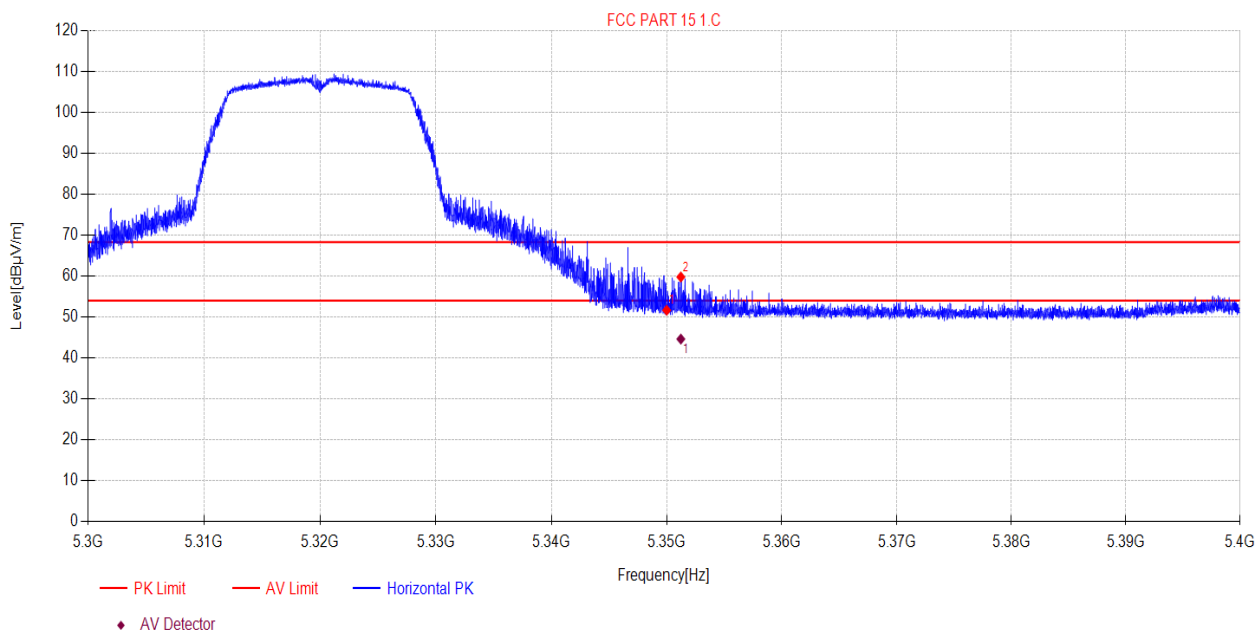
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** 120V/60Hz
Condition: Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\11
Memo: 11A 5320 Ant2

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	45.52	6.15	51.67	68.20	16.53	PK	Horizontal
2	5351.23	53.66	6.15	59.81	68.20	8.39	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5351.23	38.47	6.15	44.62	54.00	9.38	AV	Horizontal

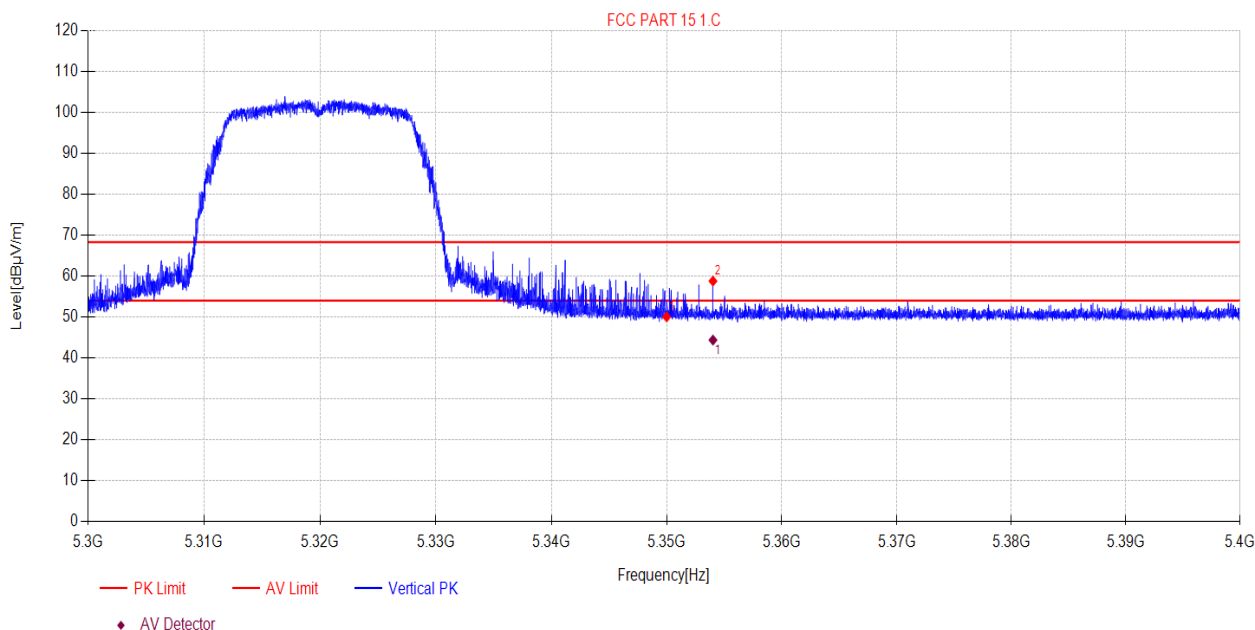
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** 120V/60Hz
Condition: Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G12
Memo: 11A 5320 Ant2

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	43.89	6.15	50.04	68.20	18.16	PK	Vertical
2	5354.02	52.66	6.15	58.81	68.20	9.39	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5354.02	38.23	6.15	44.38	54.00	9.62	AV	Vertical

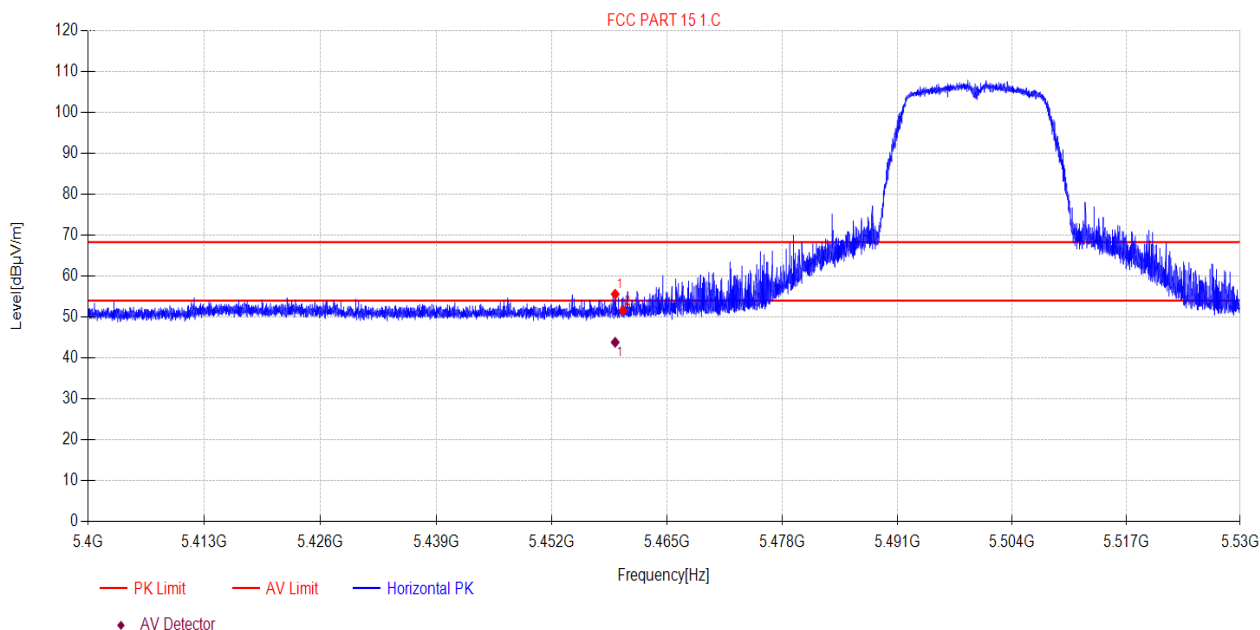
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** 120V/60Hz
Condition: Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G13
Memo: 11A 5500 Ant2

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5459.11	49.36	6.24	55.60	68.20	12.60	PK	Horizontal
2	5460.00	45.37	6.24	51.61	68.20	16.59	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5459.11	37.59	6.24	43.83	54.00	10.17	AV	Horizontal

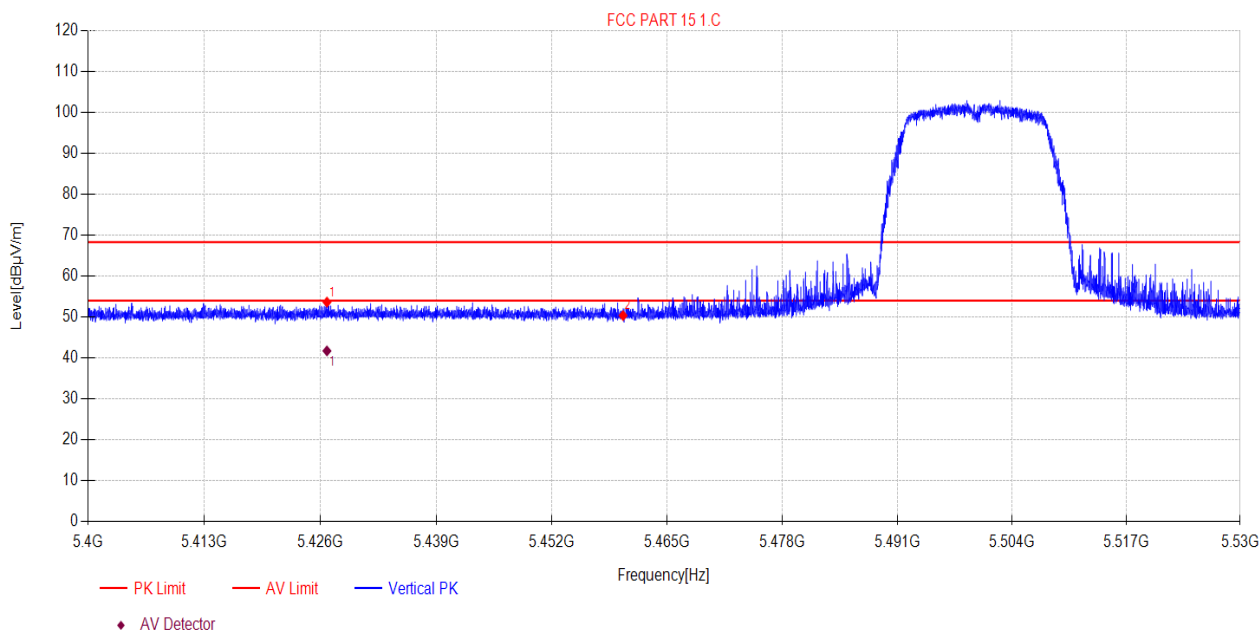
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** 120V/60Hz
Condition: Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G14
Memo: 11A 5500 Ant2

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5426.72	47.45	6.21	53.66	68.20	14.54	PK	Vertical
2	5460.00	44.13	6.24	50.37	68.20	17.83	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5426.72	35.51	6.21	41.72	54.00	12.28	AV	Vertical

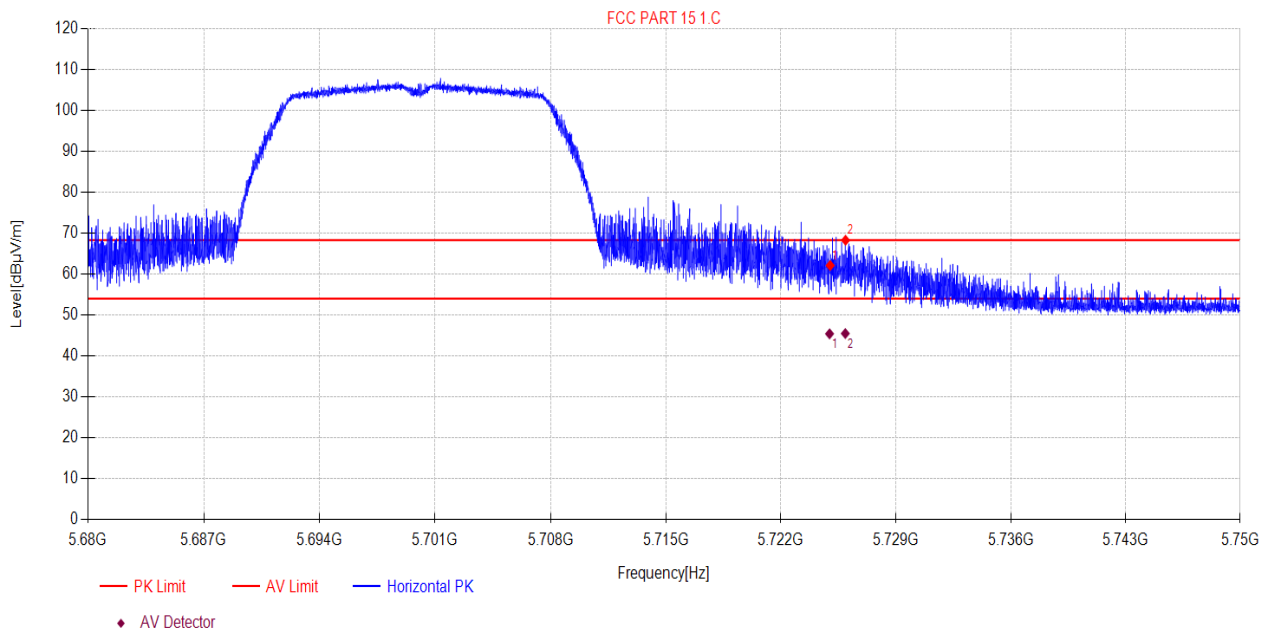
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** 120V/60Hz
Condition: Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G15
Memo: 11A 5700 Ant2

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	55.13	7.00	62.13	68.20	6.07	PK	Horizontal
2	5725.93	61.31	7.00	67.31	68.20	0.89	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.96	38.41	7.00	45.41	54.00	8.59	AV	Horizontal
2	5725.92	38.49	7.00	45.49	54.00	8.51	AV	Horizontal

Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong

EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus

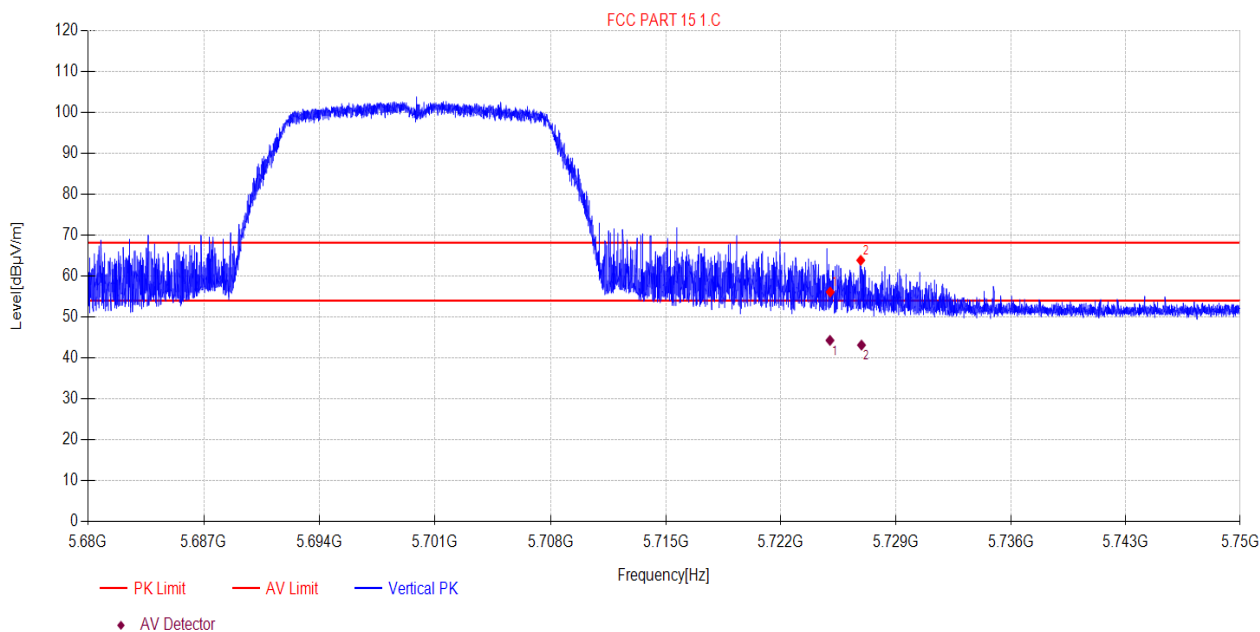
Test Mode: TX Mode **Power Supply:** 120V/60Hz

Condition: Temp:23.1°C;Humi:50.1%;Press:100.3kPa **Test Site:** DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G16

Memo: 11A 5700 Ant2

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	49.13	7.00	56.13	68.20	12.07	PK	Vertical
2	5726.86	56.90	7.00	63.90	68.20	4.30	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.99	37.29	7.00	44.29	54.00	9.71	AV	Vertical
2	5726.91	36.14	7.00	43.14	54.00	10.86	AV	Vertical

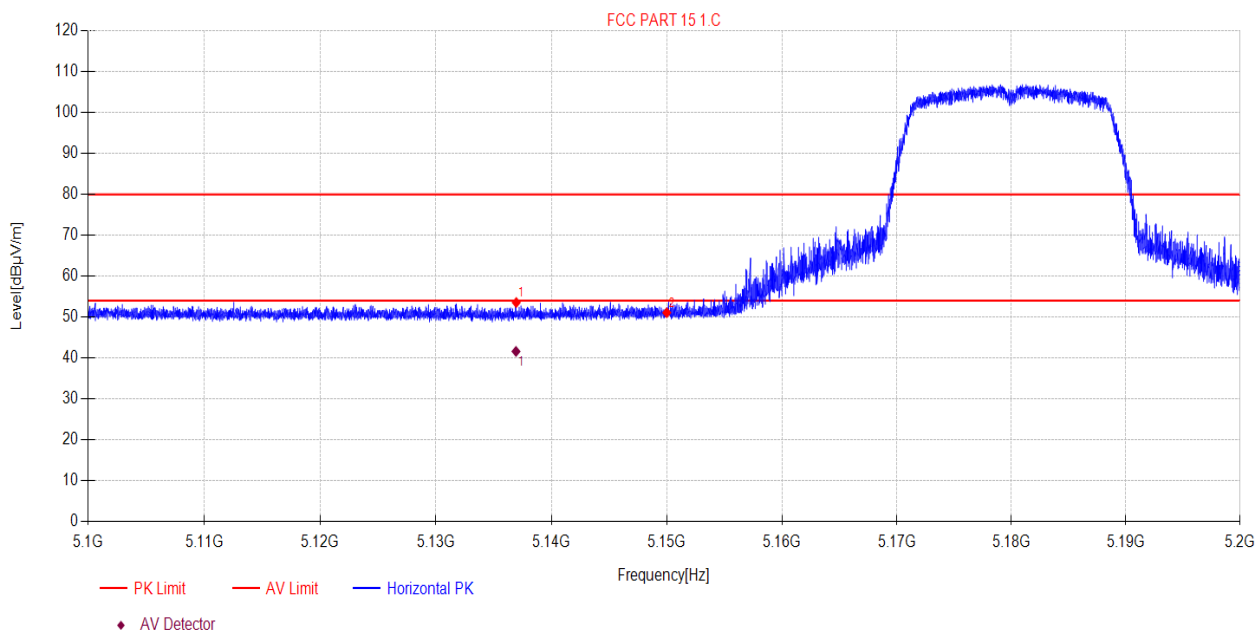
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G17
Memo: 11N20 5180

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5136.95	47.57	5.99	53.56	68.20	14.64	PK	Horizontal
2	5150.00	45.08	5.99	51.07	68.20	17.13	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5136.93	35.61	5.98	41.59	54.00	12.41	AV	Horizontal

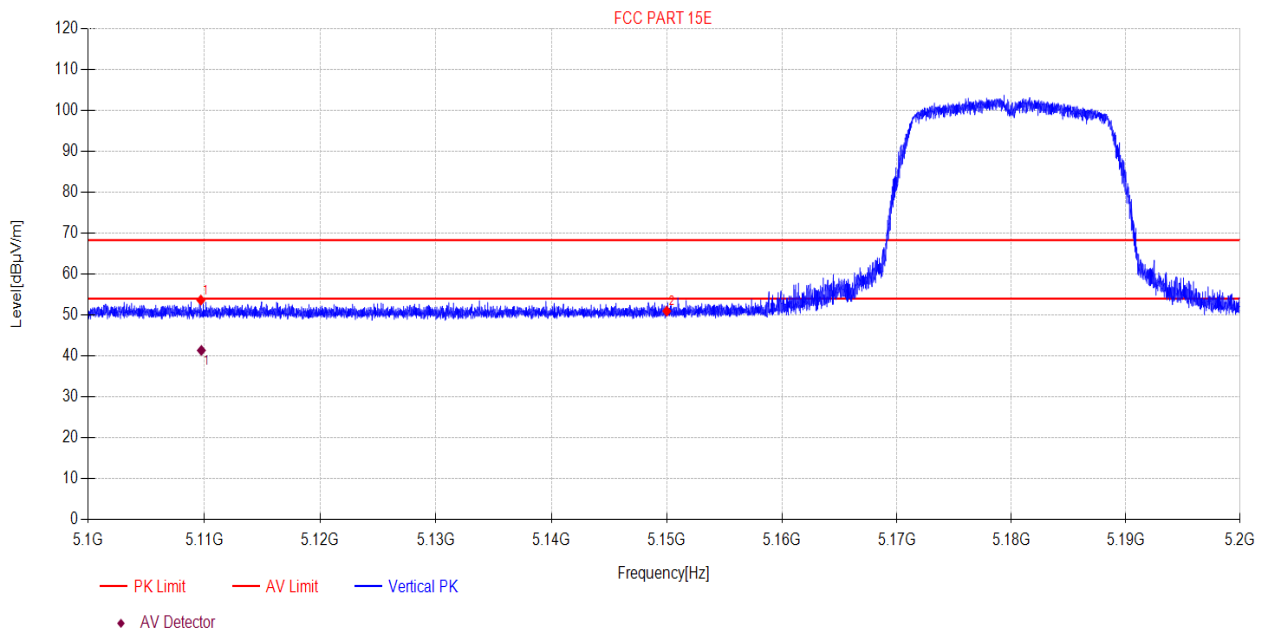
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G18
Memo: 11N20 5180

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5109.72	47.69	5.97	53.66	68.20	14.54	PK	Vertical
2	5150.00	44.97	5.99	50.96	68.20	17.24	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5109.76	35.38	5.97	41.35	54.00	12.65	AV	Vertical

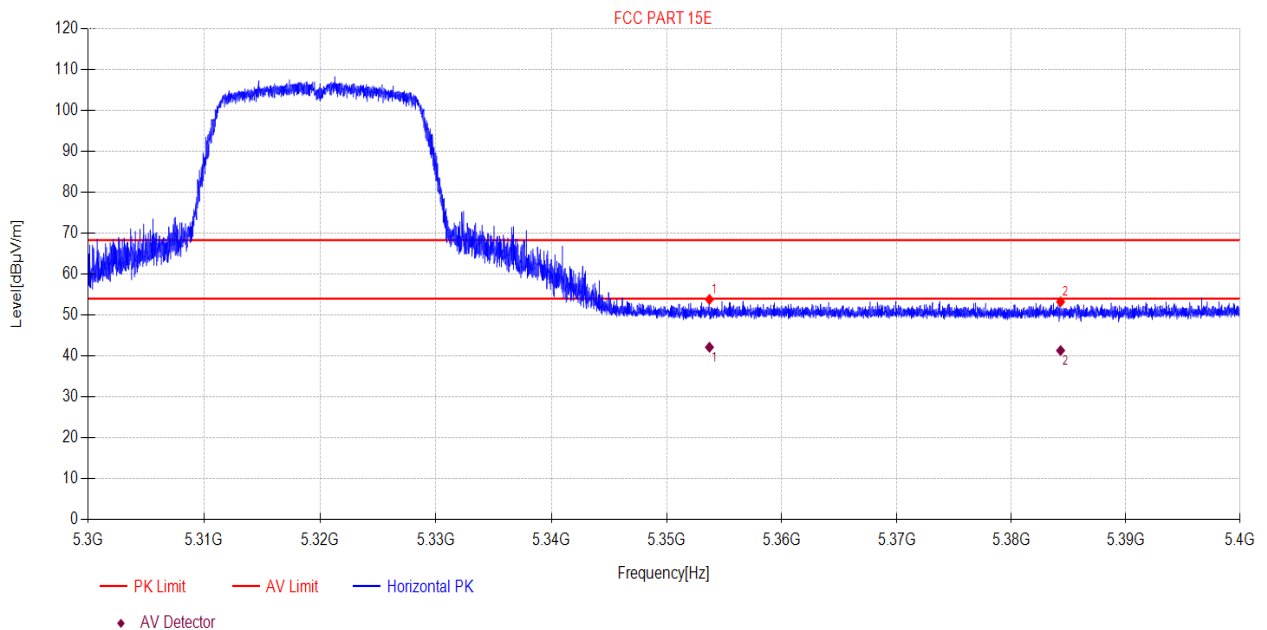
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\19
Memo: 11N20 5320

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5353.71	47.67	6.15	53.82	68.20	14.38	PK	Horizontal
2	5384.30	47.06	6.18	53.24	68.20	14.96	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5353.71	35.98	6.15	42.13	54.00	11.87	AV	Horizontal
2	5384.30	35.14	6.18	41.32	54.00	12.68	AV	Horizontal

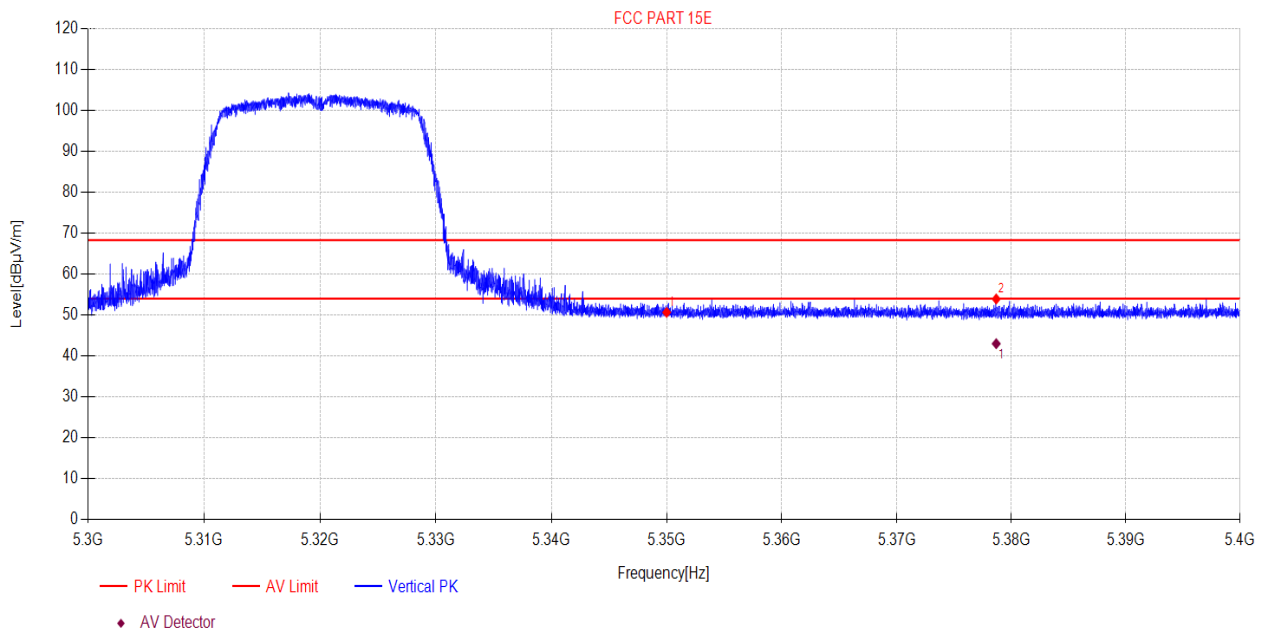
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\20
Memo: 11N20 5320

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	44.50	6.15	50.65	68.20	17.65	PK	Vertical
2	5378.68	47.76	6.18	53.94	68.20	14.36	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5378.68	36.82	6.18	43.00	54.00	11.00	AV	Vertical

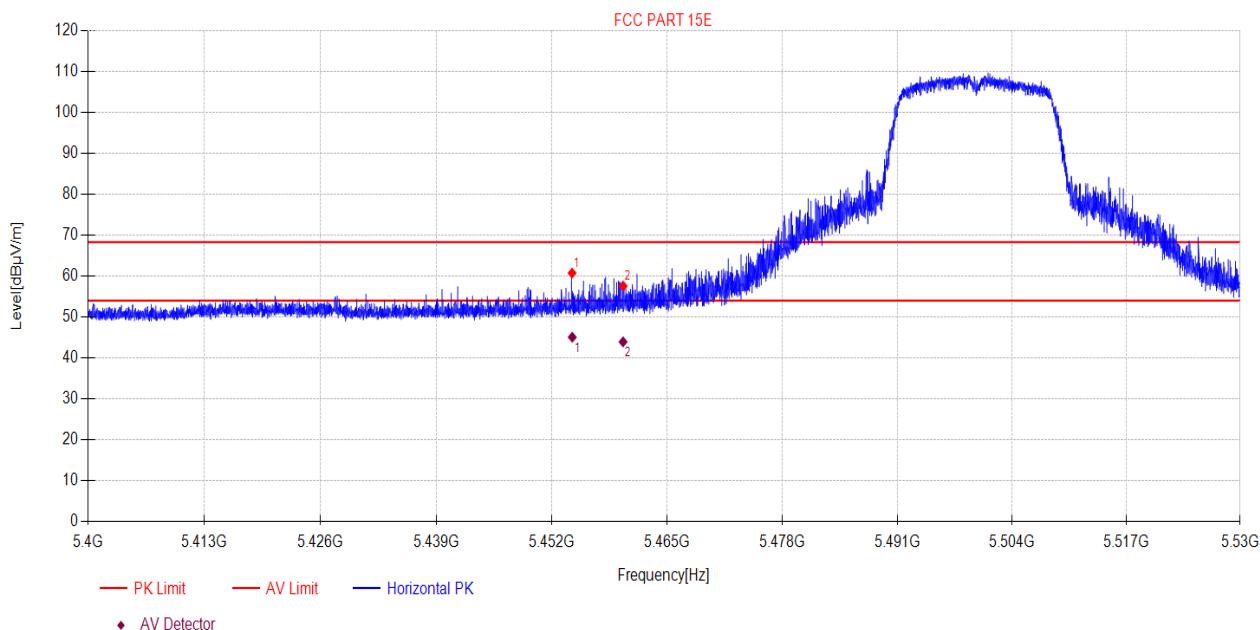
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\21
Memo: 11N20 5500

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5454.25	54.54	6.23	60.77	68.20	7.53	PK	Horizontal
2	5460.00	51.35	6.24	57.59	68.20	10.71	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5454.27	38.84	6.23	45.07	54.00	8.93	AV	Horizontal
2	5460.00	37.69	6.24	43.93	54.00	10.07	AV	Horizontal

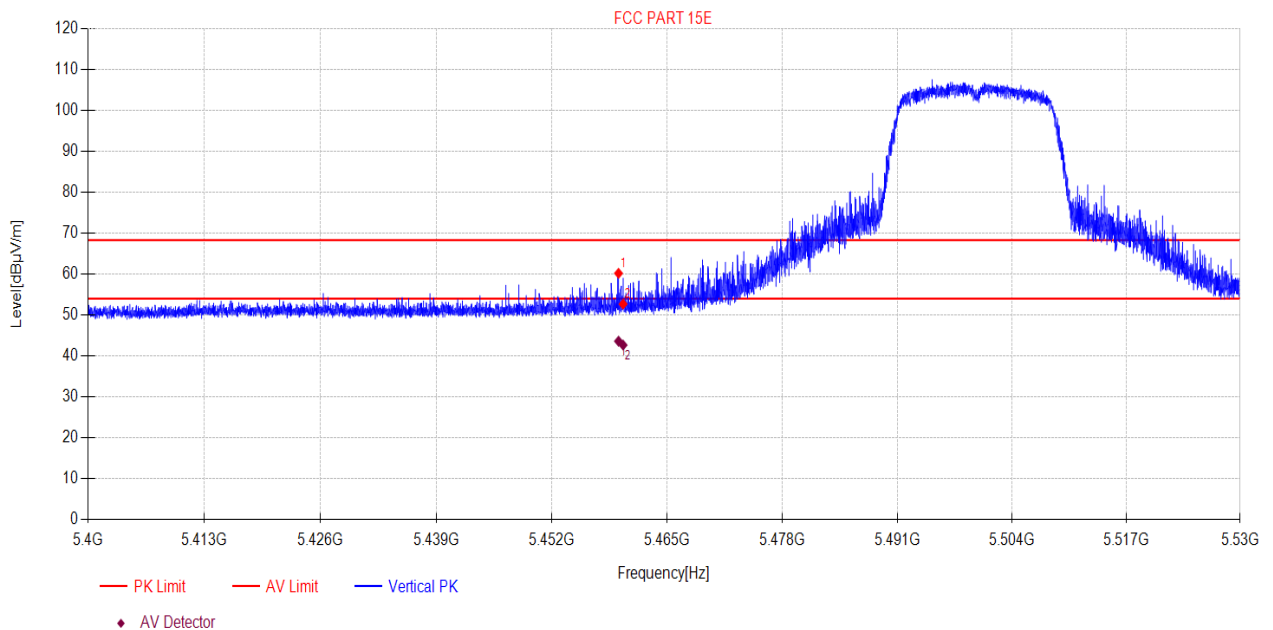
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\22
Memo: 11N20 5500

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5459.49	53.97	6.24	60.21	68.20	8.09	PK	Vertical
2	5460.00	46.45	6.24	52.69	68.20	15.61	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5459.49	37.36	6.24	43.60	54.00	10.40	AV	Vertical
2	5460.00	36.43	6.24	42.67	54.00	11.33	AV	Vertical

Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong

EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus

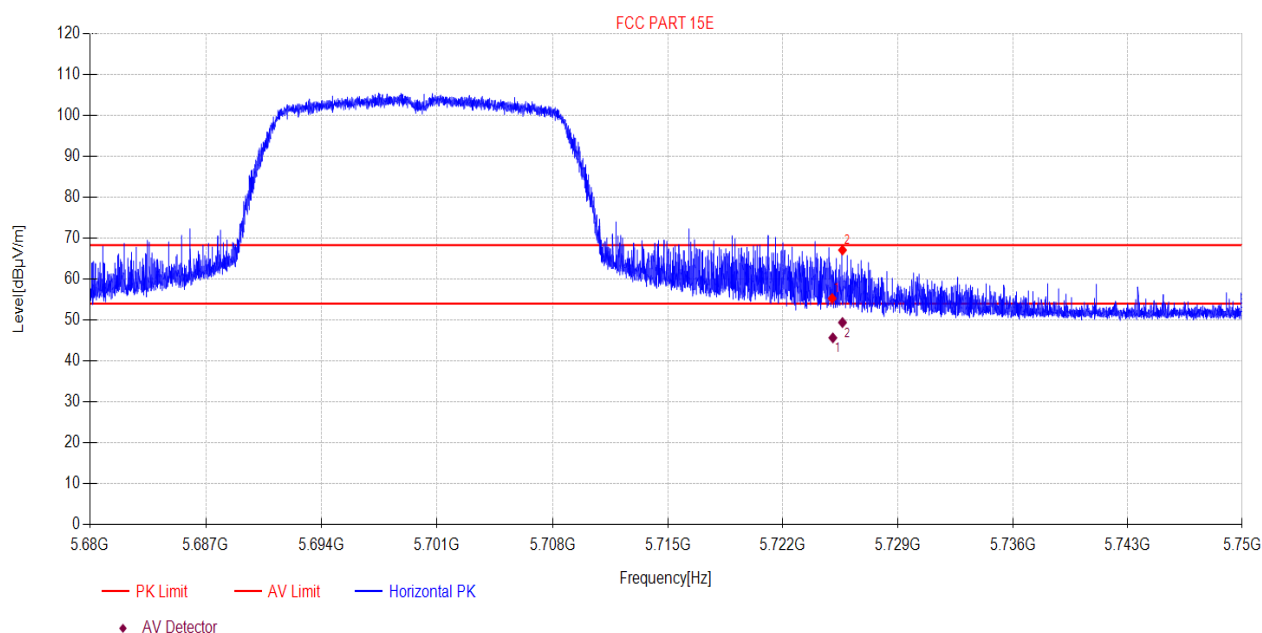
Test Mode: TX Mode **Power Supply:** AC120V/60Hz

Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\23

Memo: 11N20 5700

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	48.28	7.00	55.28	68.20	13.02	PK	Horizontal
2	5725.63	60.11	7.00	67.11	68.20	1.19	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.04	38.65	7.00	45.65	54.00	8.35	AV	Horizontal
2	5725.63	42.39	7.00	49.39	54.00	4.61	AV	Horizontal

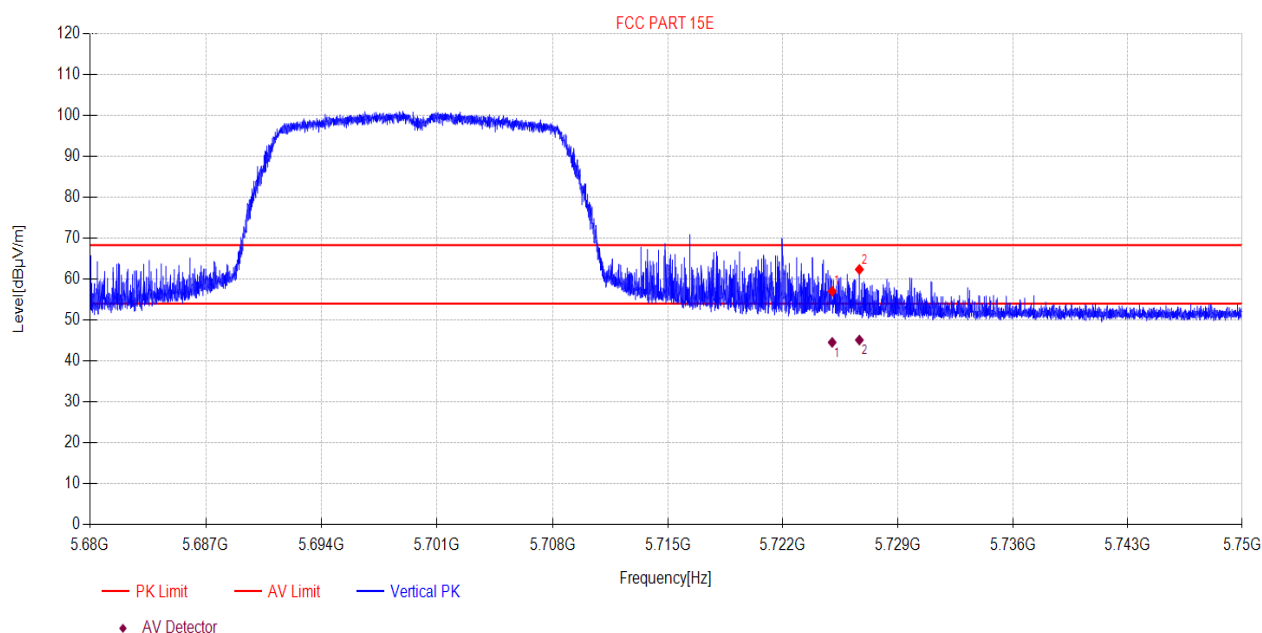
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\24
Memo: 11N20 5700

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	50.04	7.00	57.04	68.20	11.26	PK	Vertical
2	5726.66	55.38	7.00	62.38	68.20	5.92	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	37.54	7.00	44.54	54.00	9.46	AV	Vertical
2	5726.66	38.11	7.00	45.11	54.00	8.89	AV	Vertical

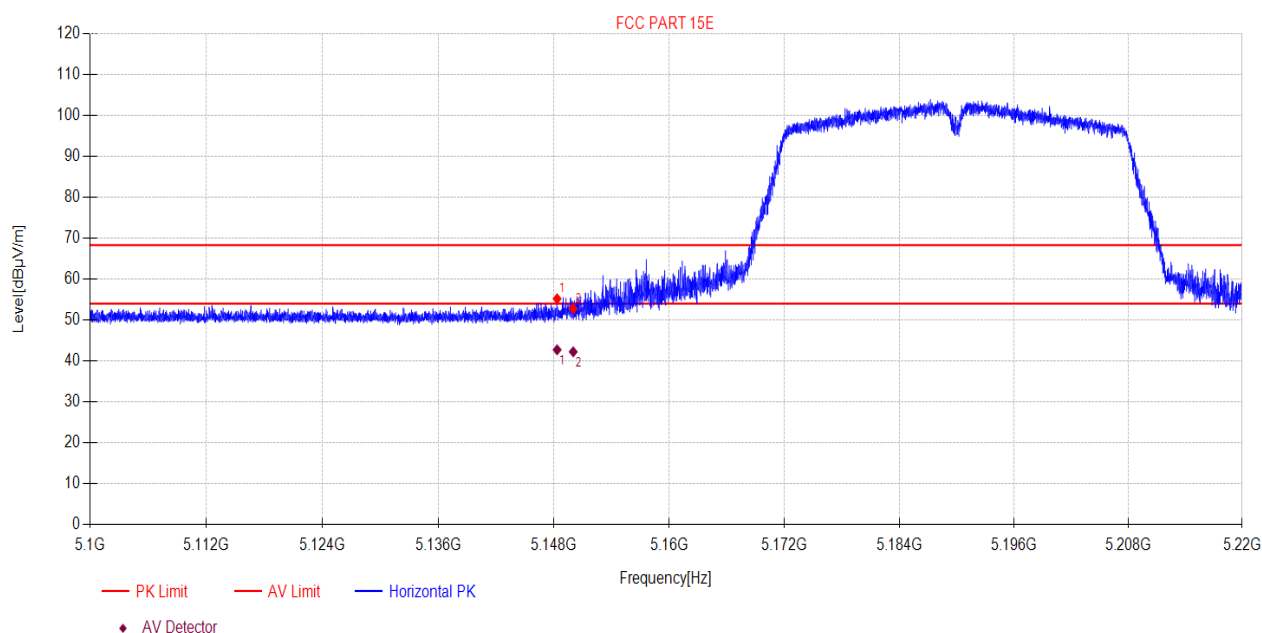
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\25
Memo: 11N40 5190

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.32	49.23	5.99	55.22	68.20	13.08	PK	Horizontal
2	5150.00	46.77	5.99	52.76	68.20	15.54	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.32	36.73	5.99	42.72	54.00	11.28	AV	Horizontal
2	5150.00	36.25	5.99	42.24	54.00	11.76	AV	Horizontal

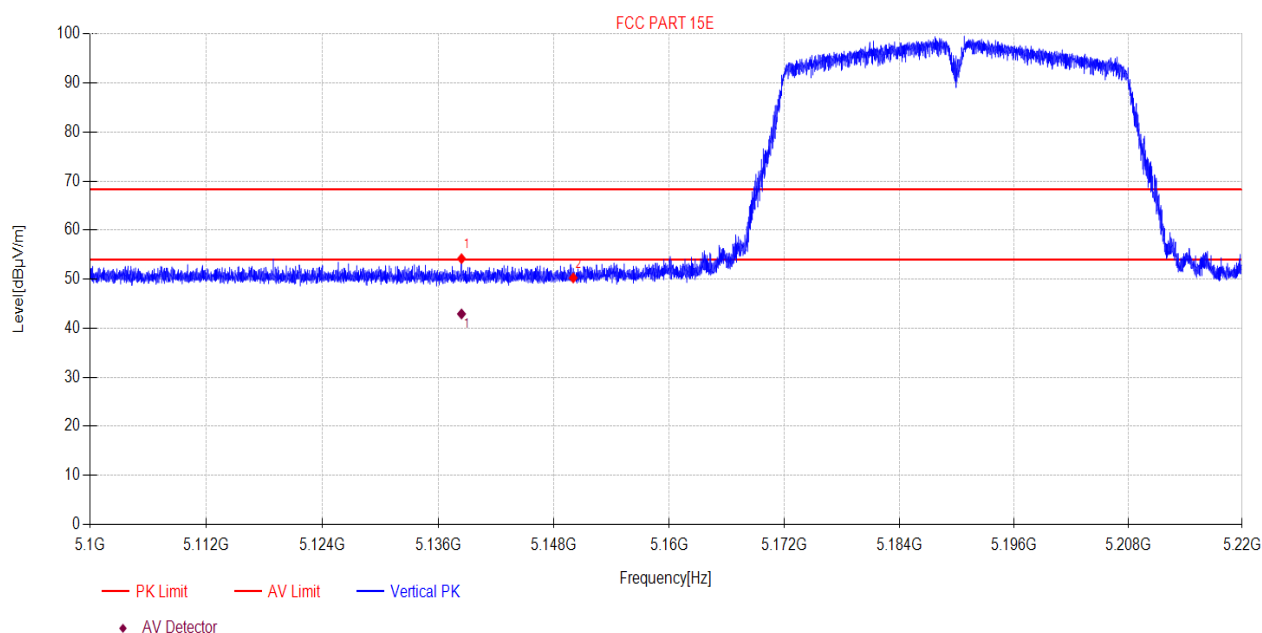
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\26
Memo: 11N40 5190

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5138.40	48.19	5.99	54.18	68.20	14.12	PK	Vertical
2	5150.00	44.27	5.99	50.26	68.20	18.04	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5138.40	36.92	5.99	42.91	54.00	11.09	AV	Vertical

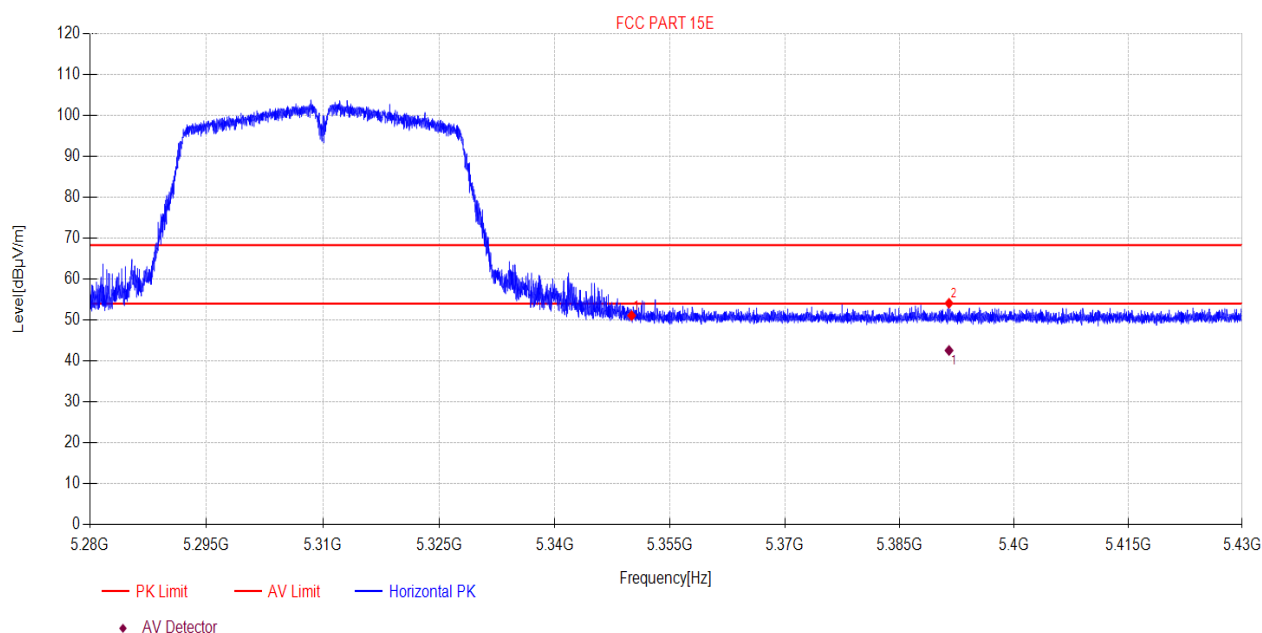
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\27
Memo: 11N40 5310

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	44.95	6.15	51.10	68.20	17.20	PK	Horizontal
2	5391.45	47.92	6.19	54.11	68.20	14.19	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5391.45	36.38	6.19	42.57	54.00	11.43	AV	Horizontal

Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong

EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus

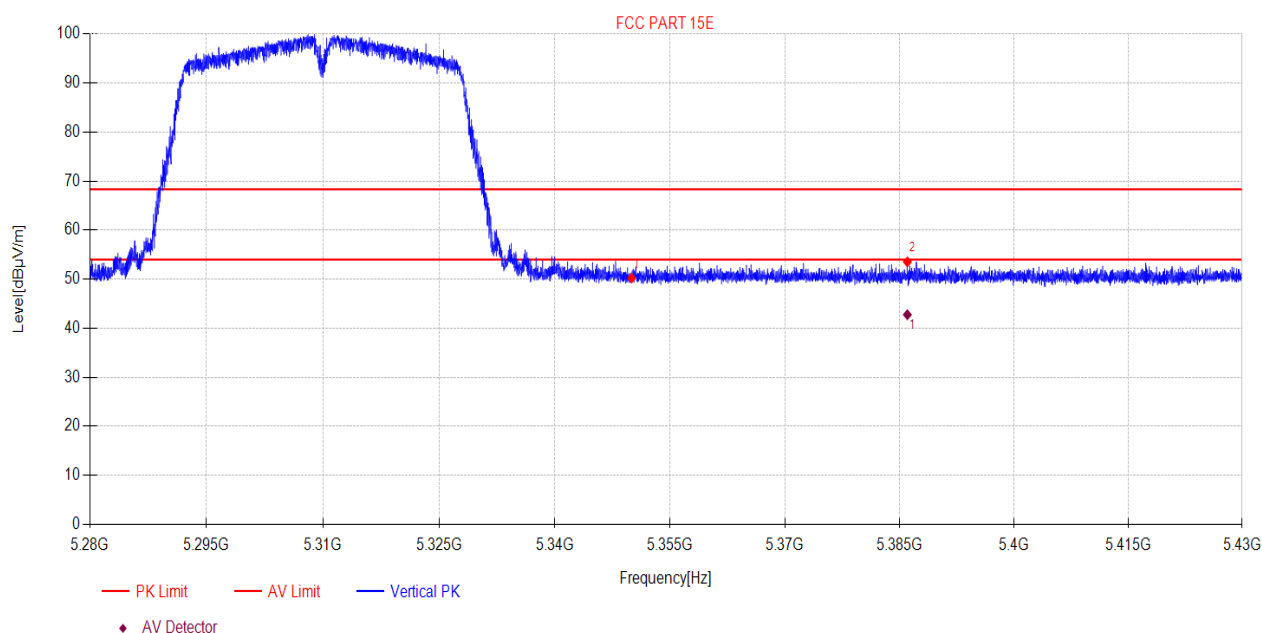
Test Mode: TX Mode **Power Supply:** AC120V/60Hz

Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\28

Memo: 11N40 5310

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	44.08	6.15	50.23	68.20	18.07	PK	Vertical
2	5385.99	47.35	6.18	53.53	68.20	14.77	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5385.99	36.58	6.18	42.76	54.00	11.24	AV	Vertical

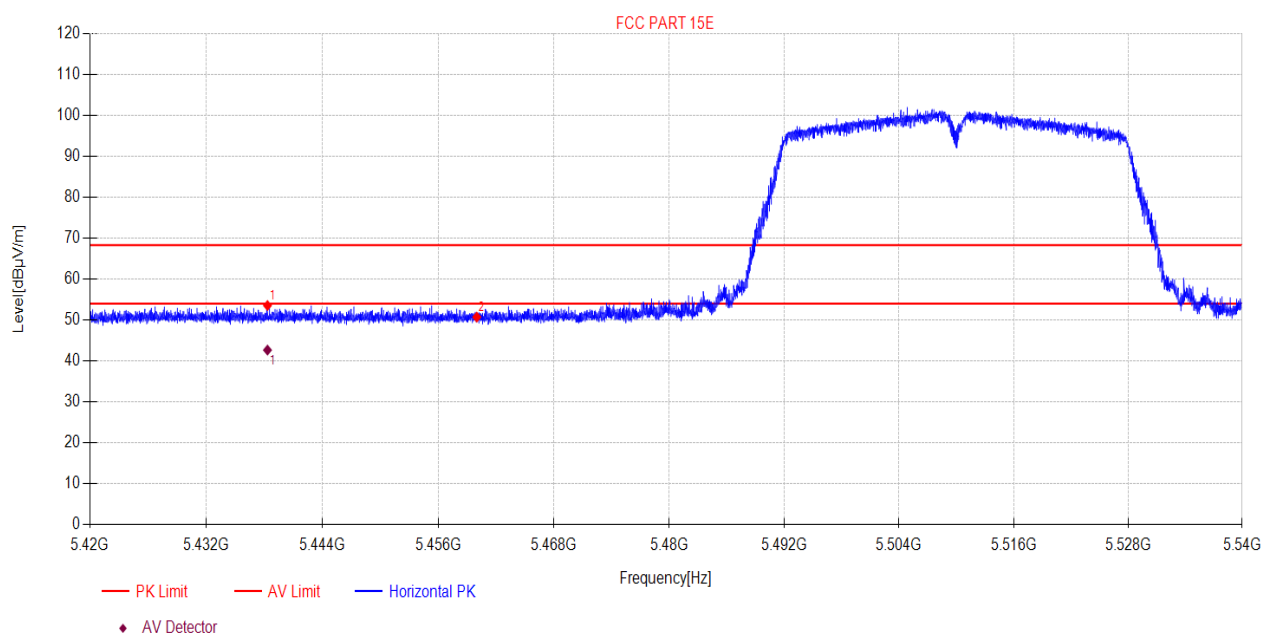
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\29
Memo: 11N40 5510

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5438.32	47.34	6.22	53.56	68.20	14.74	PK	Horizontal
2	5460.00	44.49	6.24	50.73	68.20	17.57	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5438.32	36.44	6.22	42.66	54.00	11.34	AV	Horizontal

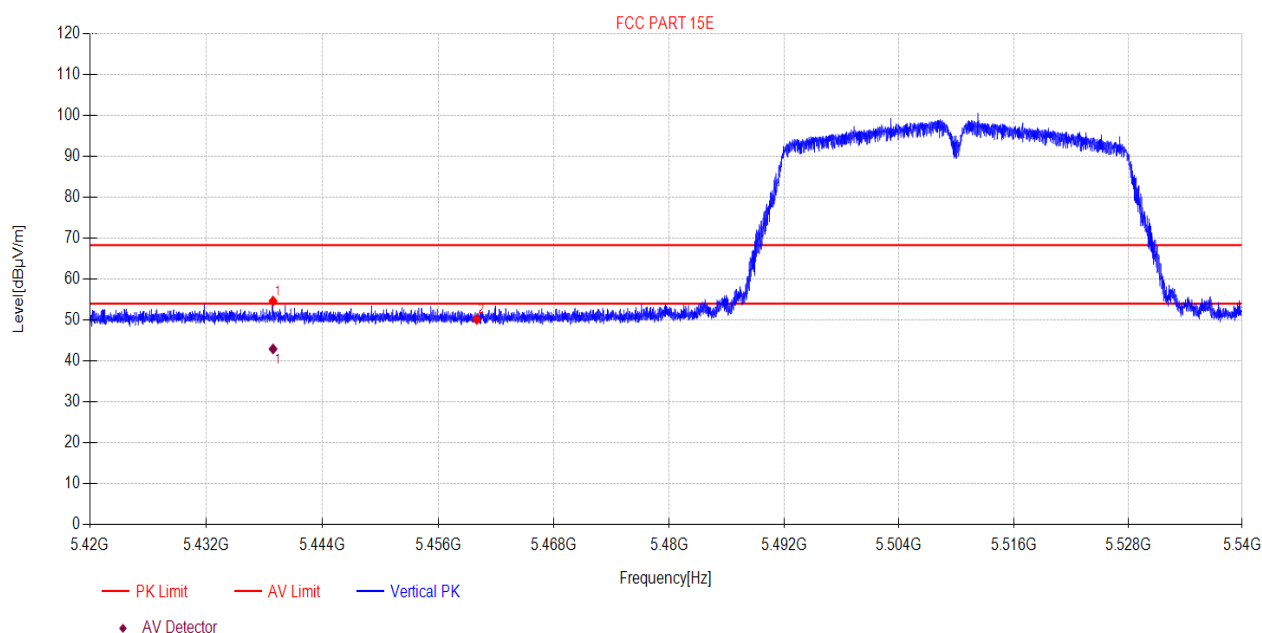
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\30
Memo: 11N40 5510

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5438.90	48.44	6.22	54.66	68.20	13.64	PK	Vertical
2	5460.00	43.91	6.24	50.15	68.20	18.15	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5438.90	36.71	6.22	42.93	54.00	11.07	AV	Vertical

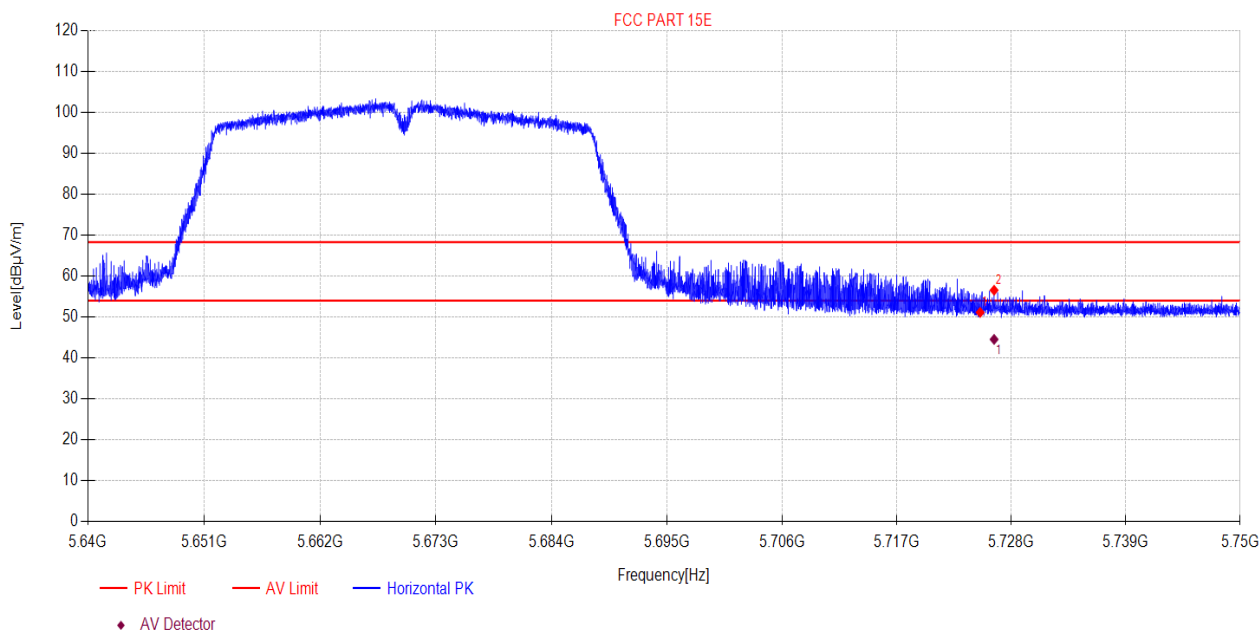
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\31
Memo: 11N40 5670

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	44.14	7.00	51.14	68.20	17.16	PK	Horizontal
2	5726.34	49.57	7.00	56.57	68.20	11.73	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5726.34	37.54	7.00	44.54	54.00	9.46	AV	Horizontal

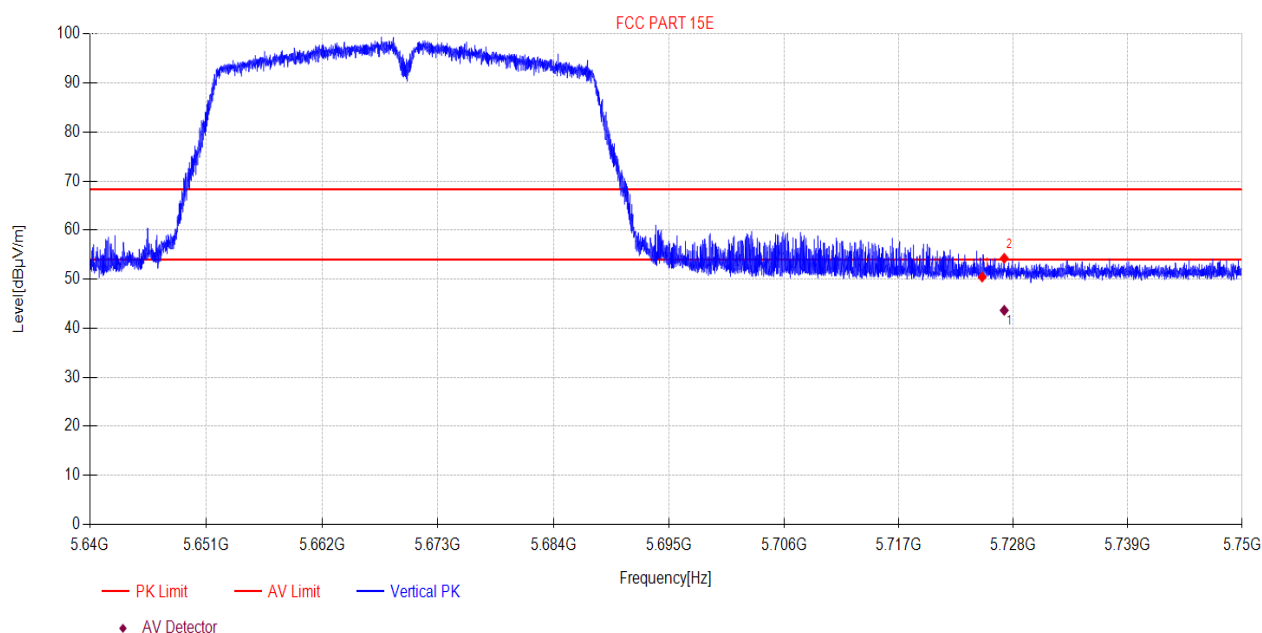
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\32
Memo: 11N40 5670

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	43.43	7.00	50.43	68.20	17.87	PK	Vertical
2	5727.12	47.26	7.00	54.26	68.20	14.04	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5727.12	36.65	7.00	43.65	54.00	10.35	AV	Vertical

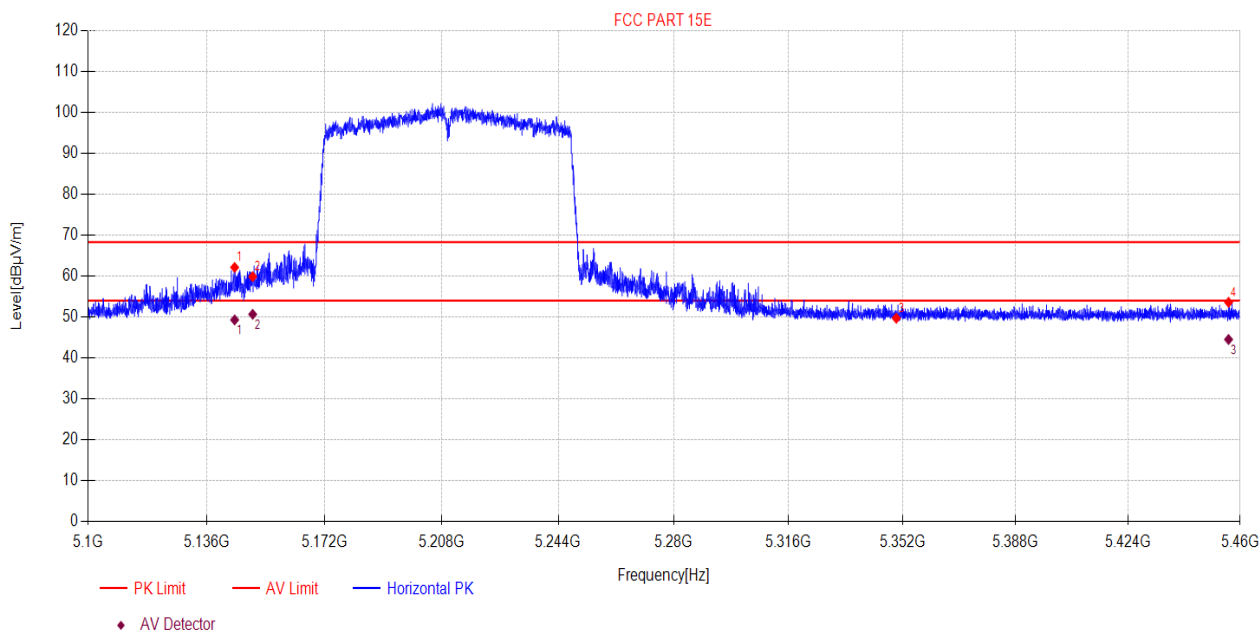
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\33
Memo: 11AC80 5210

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5144.50	56.16	5.99	62.15	68.20	6.15	PK	Horizontal
2	5150.00	53.89	5.99	59.88	68.20	8.42	PK	Horizontal
3	5350.00	43.57	6.15	49.72	68.20	18.58	PK	Horizontal
4	5456.29	47.38	6.23	53.61	68.20	14.69	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5144.50	43.32	5.99	49.31	54.00	4.69	AV	Horizontal
2	5150.00	44.69	5.99	50.68	54.00	3.32	AV	Horizontal
3	5456.29	38.29	6.23	44.52	54.00	9.48	AV	Horizontal

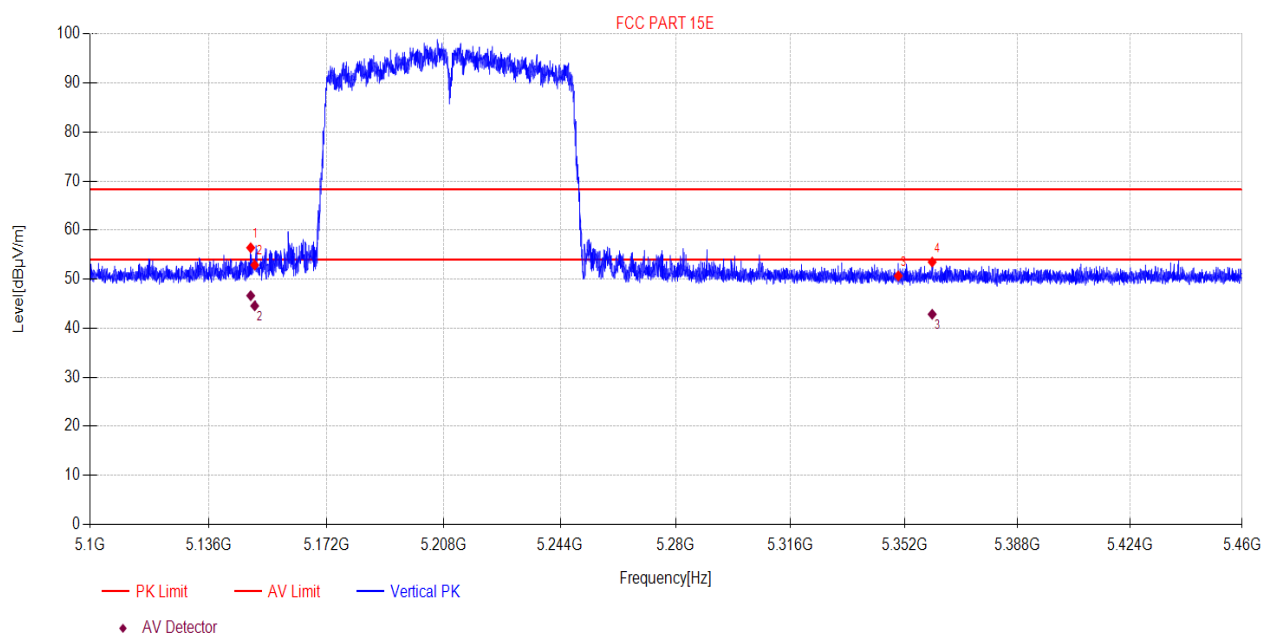
Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong
EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus
Test Mode: TX Mode **Power Supply:** AC120V/60Hz
Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\34
Memo: 11AC80 5210

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.78	50.42	5.99	56.41	68.20	11.89	PK	Vertical
2	5150.00	46.90	5.99	52.89	68.20	15.41	PK	Vertical
3	5350.00	44.53	6.15	50.68	68.20	17.62	PK	Vertical
4	5360.75	47.34	6.16	53.50	68.20	14.80	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.78	40.65	5.99	46.64	54.00	7.36	AV	Vertical
2	5150.00	38.57	5.99	44.56	54.00	9.44	AV	Vertical
3	5360.75	36.69	6.16	42.85	54.00	11.15	AV	Vertical

Note:

1. Level = Reading + Factor.
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: 2022-11-02 **Tested By:** Bairong

EUT: M6a Plus Mesh Wi-Fi Router **Model Number:** M6a Plus

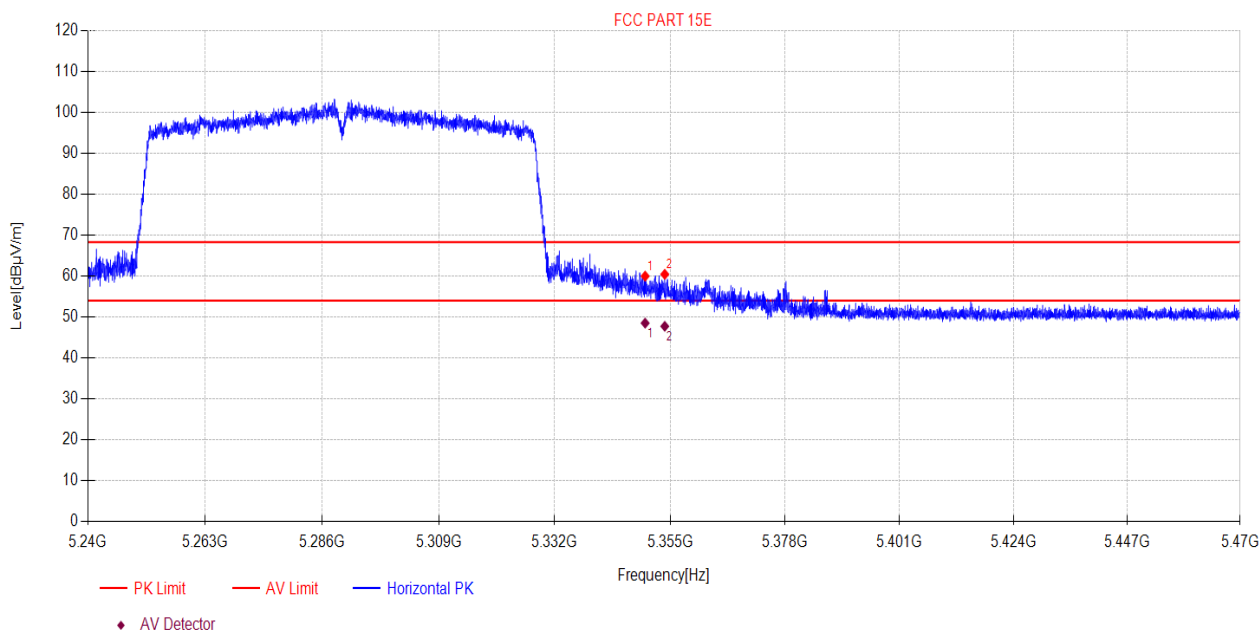
Test Mode: TX Mode **Power Supply:** AC120V/60Hz

Condition: Temp:23.4°C;Humi:53.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22100908-2E M6A plus\FCC ABOVE 1G 5G\35

Memo: 11AC80 5290

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	53.86	6.15	60.01	68.20	8.29	PK	Horizontal
2	5353.92	54.31	6.15	60.46	68.20	7.84	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	42.37	6.15	48.52	54.00	5.48	AV	Horizontal
2	5353.92	41.59	6.15	47.74	54.00	6.26	AV	Horizontal

Note:

1. Level = Reading + Factor.
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.