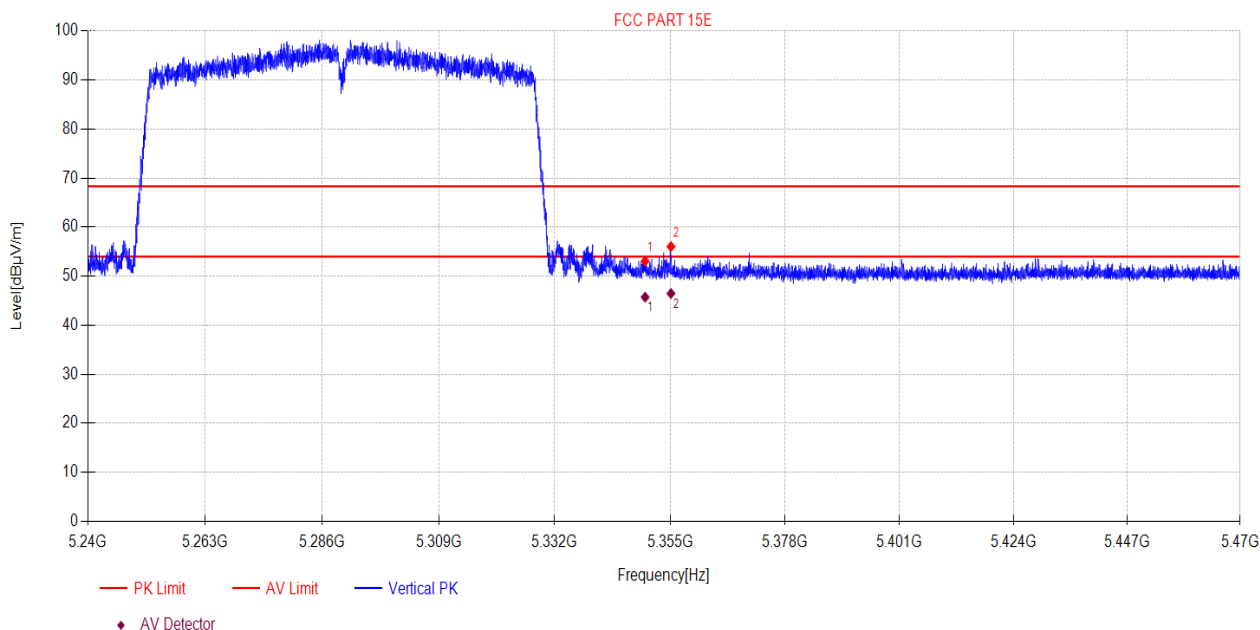


TR-4-E-009 Radiated Emission Test Result

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\36
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	46.93	6.15	53.08	68.20	15.22	PK	Vertical
2	5355.16	49.88	6.16	56.04	68.20	12.26	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	39.58	6.15	45.73	54.00	8.27	AV	Vertical
2	5355.16	40.32	6.16	46.48	54.00	7.52	AV	Vertical

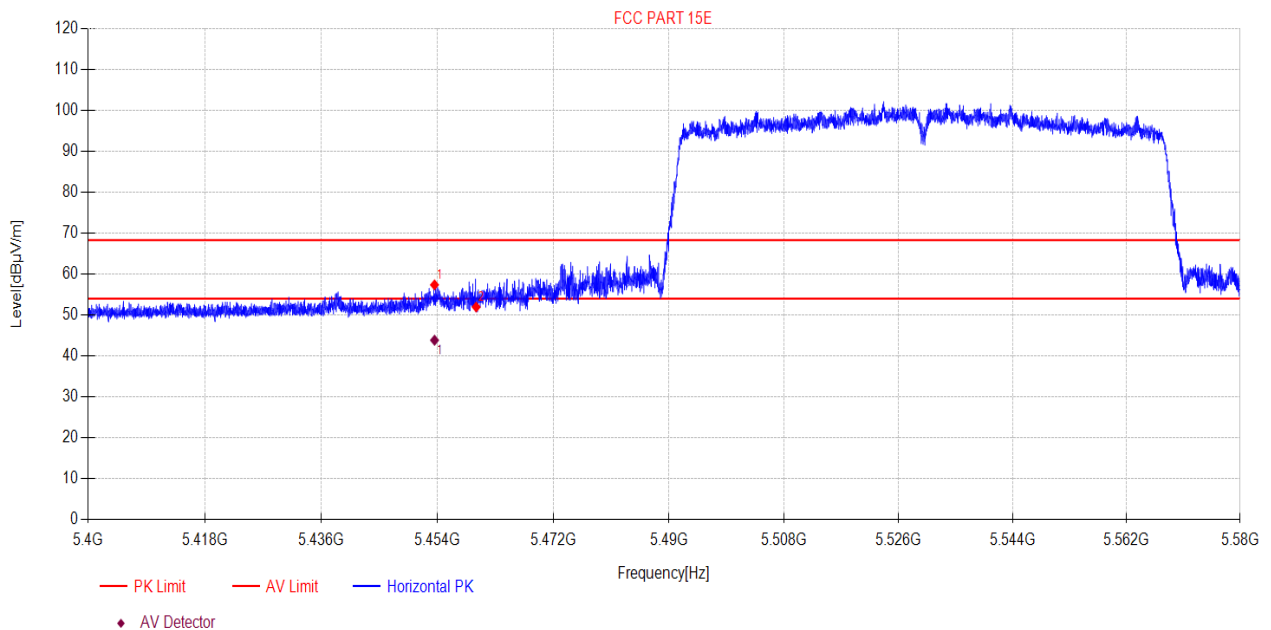
Note:

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\37
Memo: 11AC80 5530

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5453.53	51.16	6.23	57.39	68.20	10.91	PK	Horizontal
2	5460.00	45.73	6.24	51.97	68.20	16.33	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5453.53	37.62	6.23	43.85	54.00	10.15	AV	Horizontal

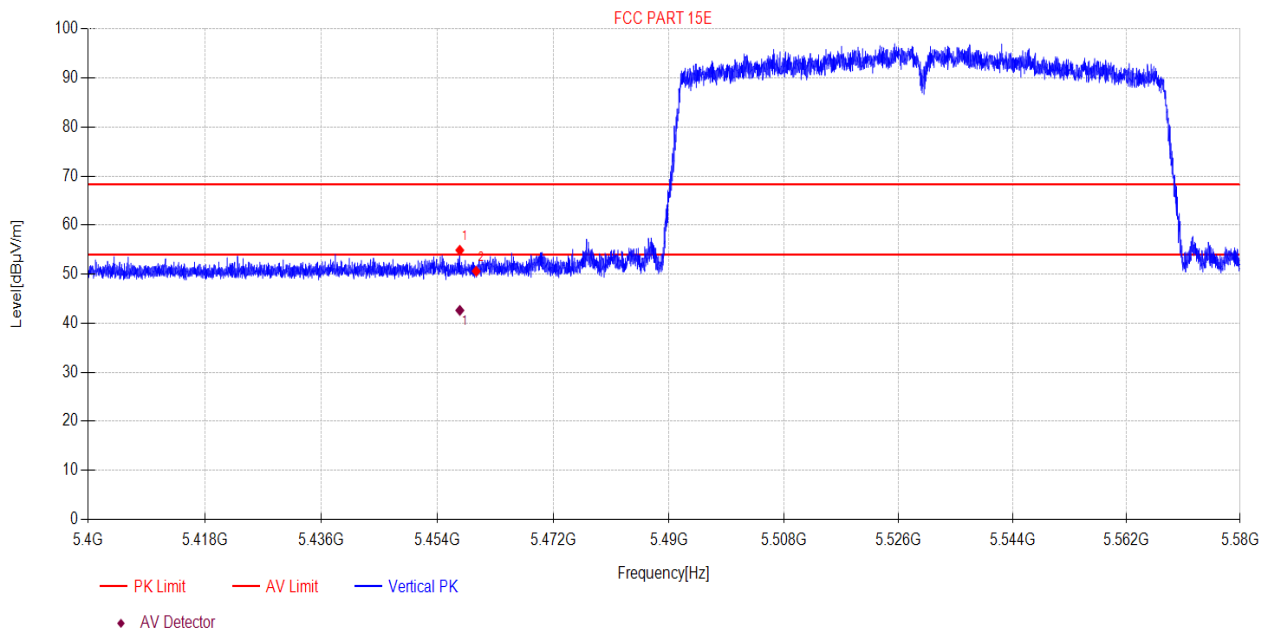
Note:

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:** 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\38
Memo: 11AC80 5530

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5457.46	48.64	6.24	54.88	68.20	13.42	PK	Vertical
2	5460.00	44.36	6.24	50.60	68.20	17.70	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5457.46	36.38	6.24	42.62	54.00	11.38	AV	Vertical

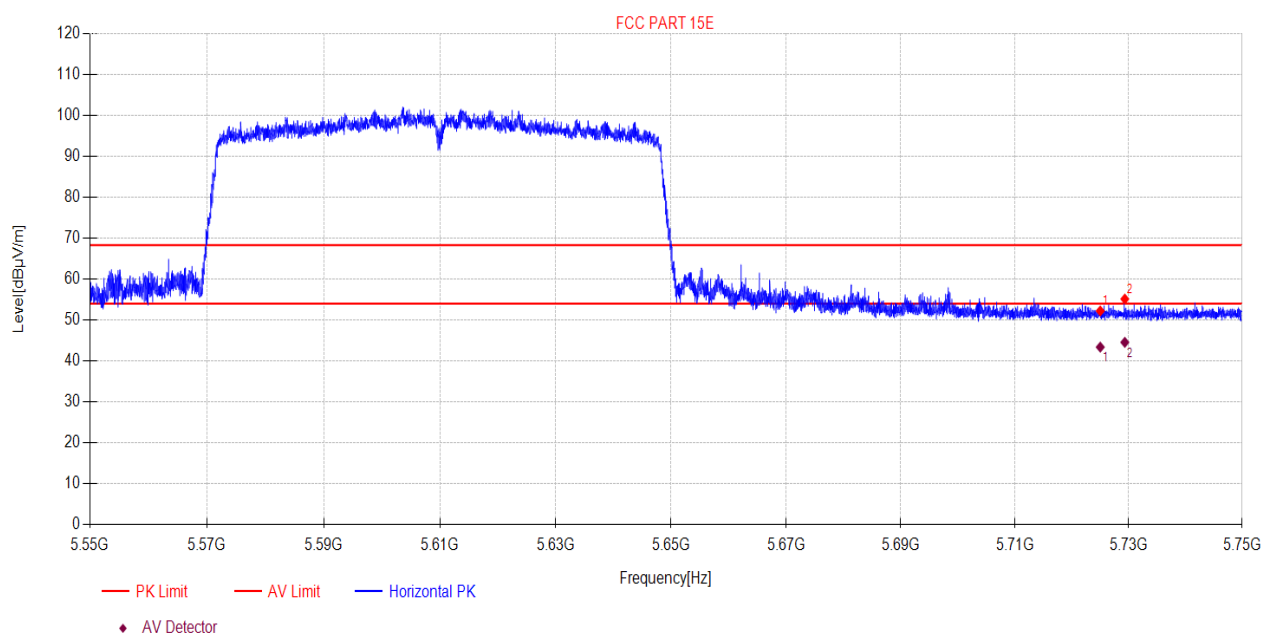
Note:

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\39
Memo: 11AC80 5610

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	45.23	7.00	52.23	68.20	16.07	PK	Horizontal
2	5729.32	48.14	7.01	55.15	68.20	13.15	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	36.39	7.00	43.39	54.00	10.61	AV	Horizontal
2	5729.32	37.54	7.01	44.55	54.00	9.45	AV	Horizontal

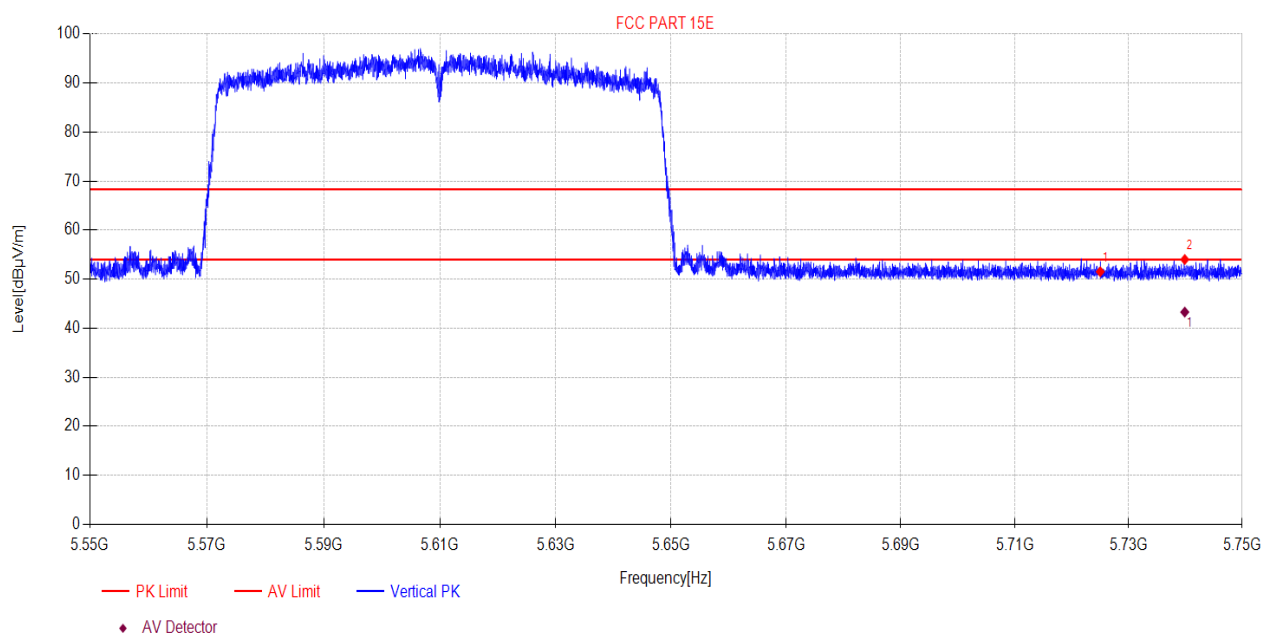
Note:

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\40
Memo: 11AC80 5610

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	44.53	7.00	51.53	68.20	16.77	PK	Vertical
2	5739.88	46.97	7.04	54.01	68.20	14.29	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5739.88	36.25	7.04	43.29	54.00	10.71	AV	Vertical

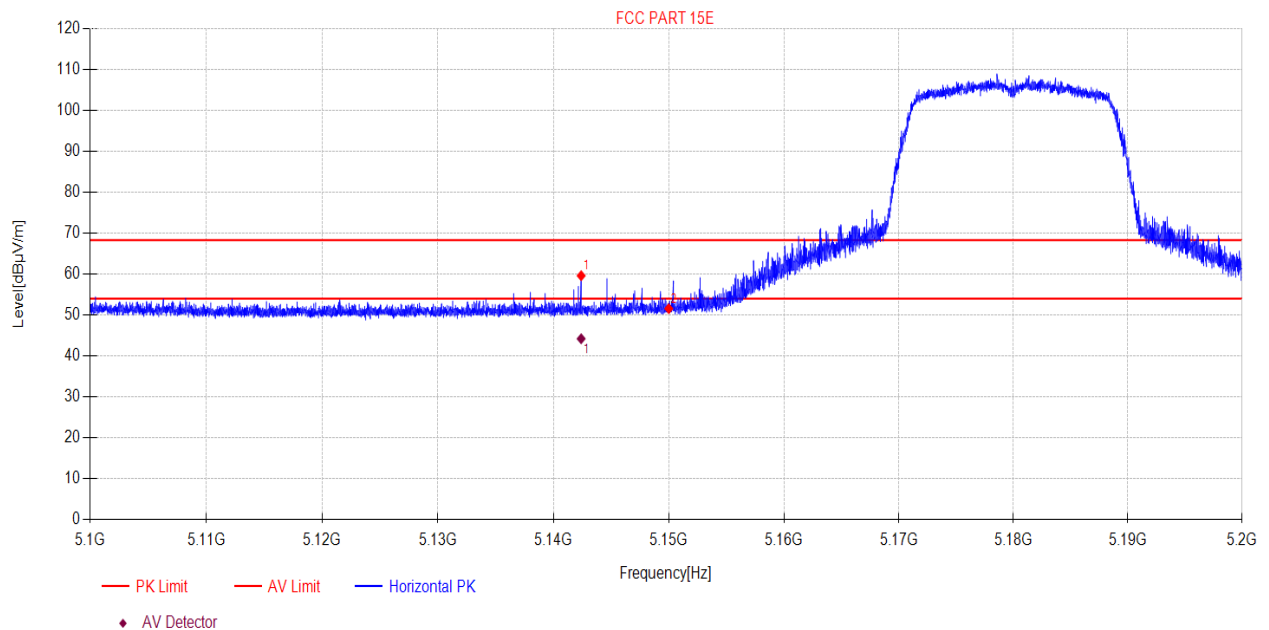
Note:

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\41
Memo: 11AX20 5180

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5142.40	53.63	5.99	59.62	68.20	8.68	PK	Horizontal
2	5150.00	45.58	5.99	51.57	68.20	16.73	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5142.40	38.22	5.99	44.21	54.00	9.79	AV	Horizontal

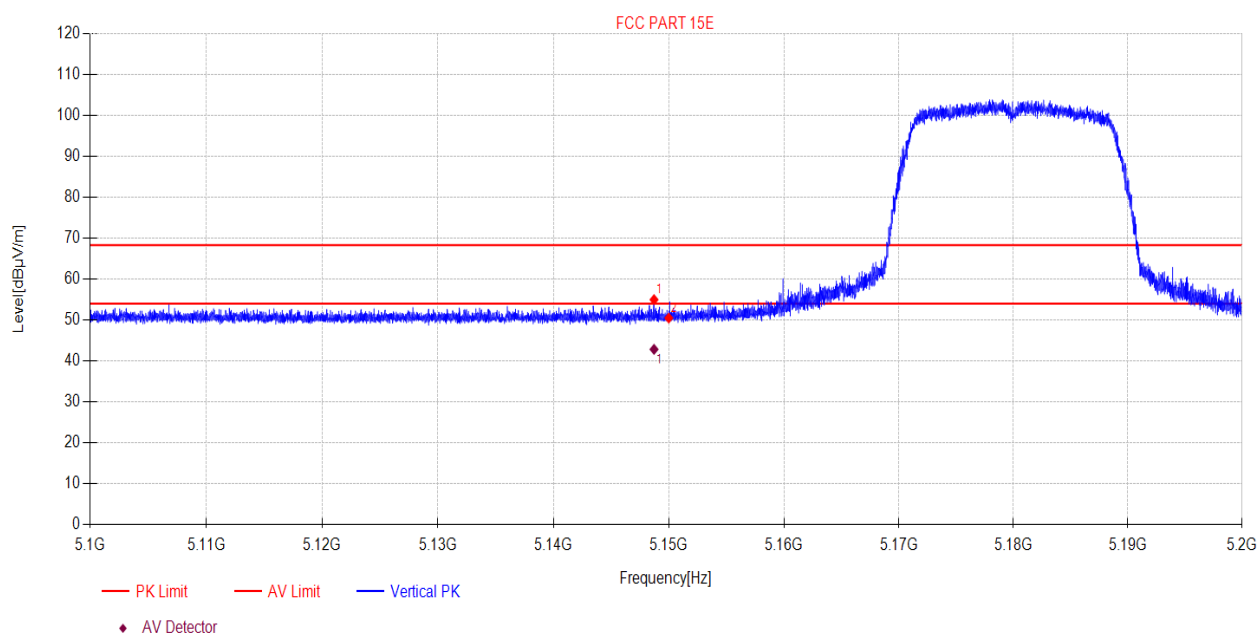
Note:

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\42
Memo: 11AX20 5180

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.72	49.01	5.99	55.00	68.20	13.30	PK	Vertical
2	5150.00	44.50	5.99	50.49	68.20	17.81	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.72	36.85	5.99	42.84	54.00	11.16	AV	Vertical

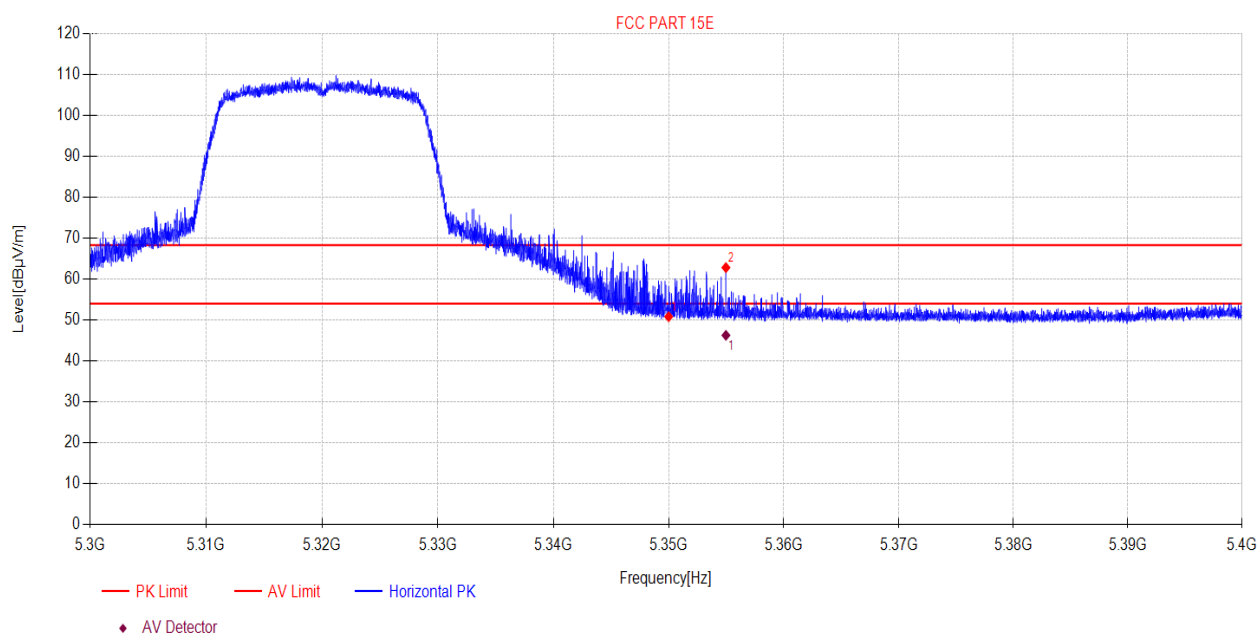
Note:

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\43
Memo: 11AX20 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	44.66	6.15	50.81	68.20	17.49	PK	Horizontal
2	5354.97	56.68	6.16	62.84	68.20	5.46	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5354.97	40.11	6.16	46.27	54.00	7.73	AV	Horizontal

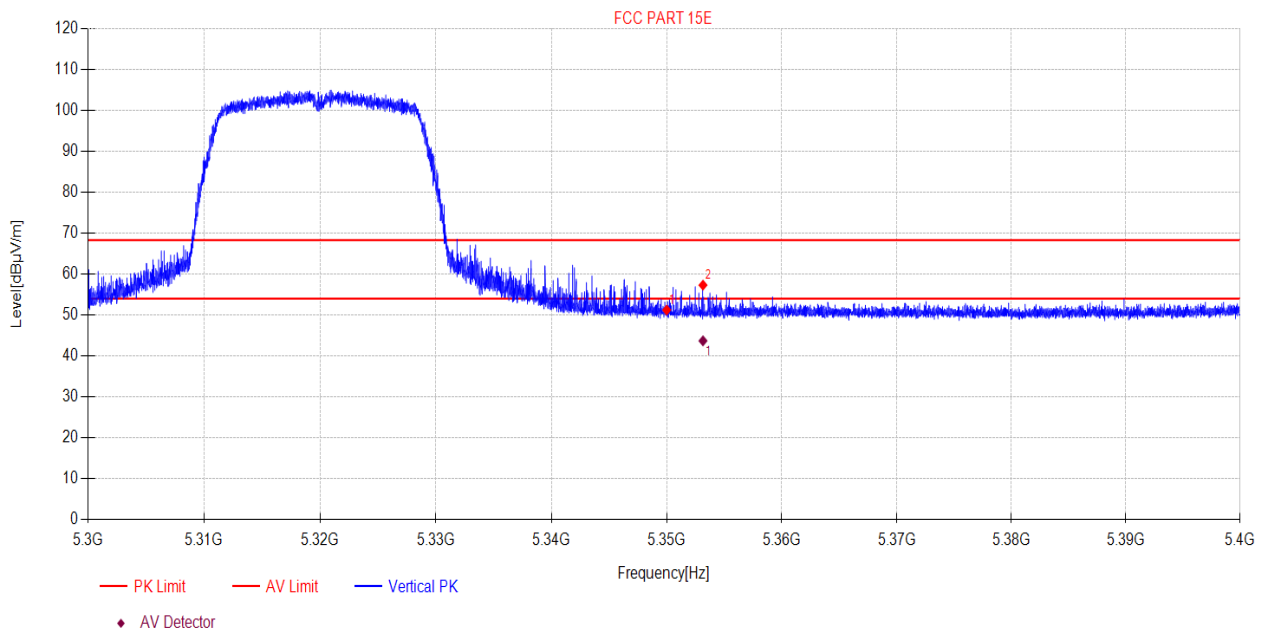
Note:

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\44
Memo: 11AX20 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	45.08	6.15	51.23	68.20	17.07	PK	Vertical
2	5353.15	51.18	6.15	57.33	68.20	10.97	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5353.15	37.55	6.15	43.70	54.00	10.30	AV	Vertical

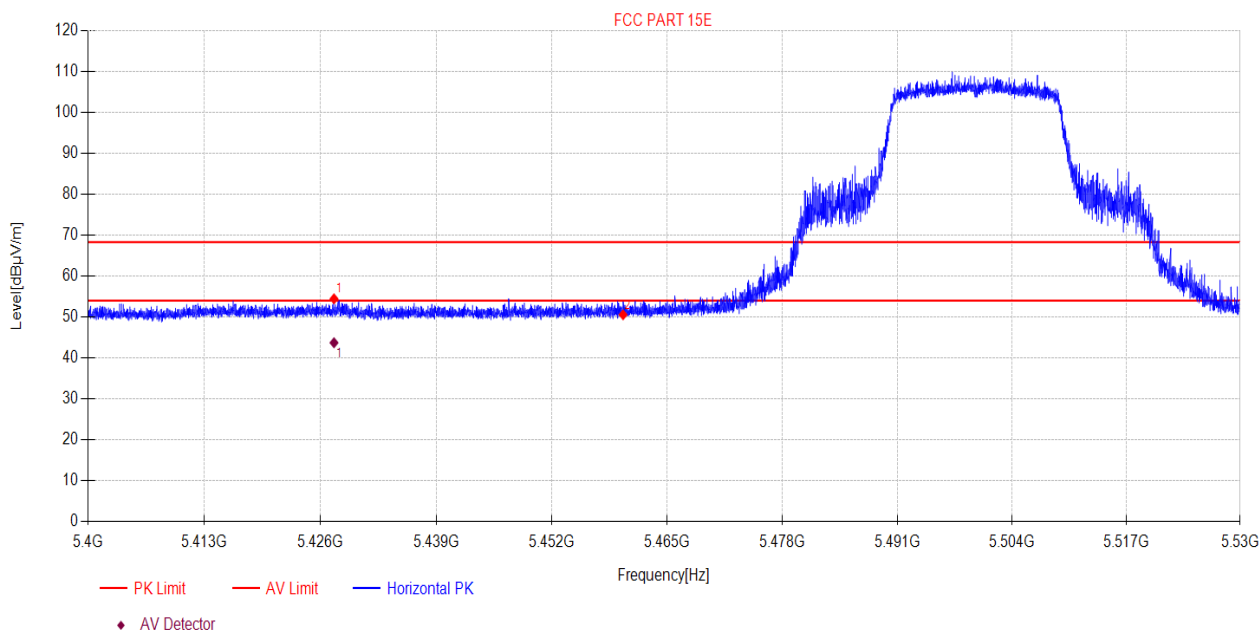
Note:

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\45
Memo: 11AX20 5500

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5427.51	48.25	6.22	54.47	68.20	13.83	PK	Horizontal
2	5460.00	44.32	6.24	50.56	68.20	17.74	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5427.51	37.50	6.22	43.72	54.00	10.28	AV	Horizontal

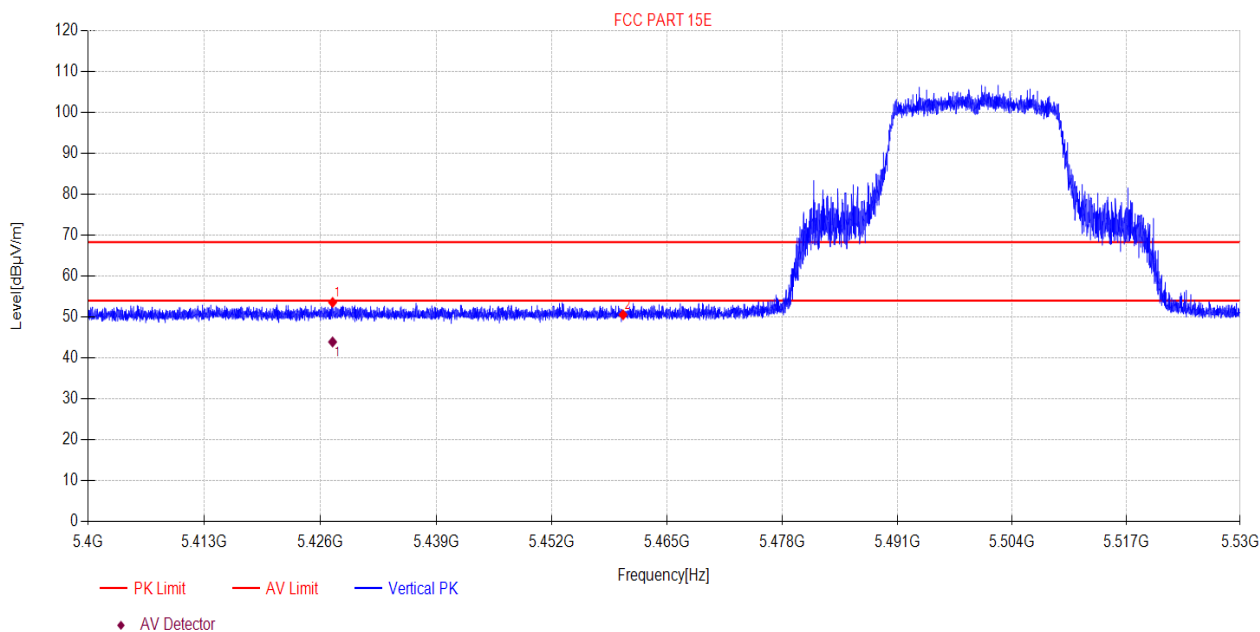
Note:

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\46
Memo: 11AX20 5500

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5427.35	47.37	6.22	53.59	68.20	14.71	PK	Vertical
2	5460.00	44.32	6.24	50.56	68.20	17.74	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5427.35	37.69	6.22	43.91	54.00	10.09	AV	Vertical

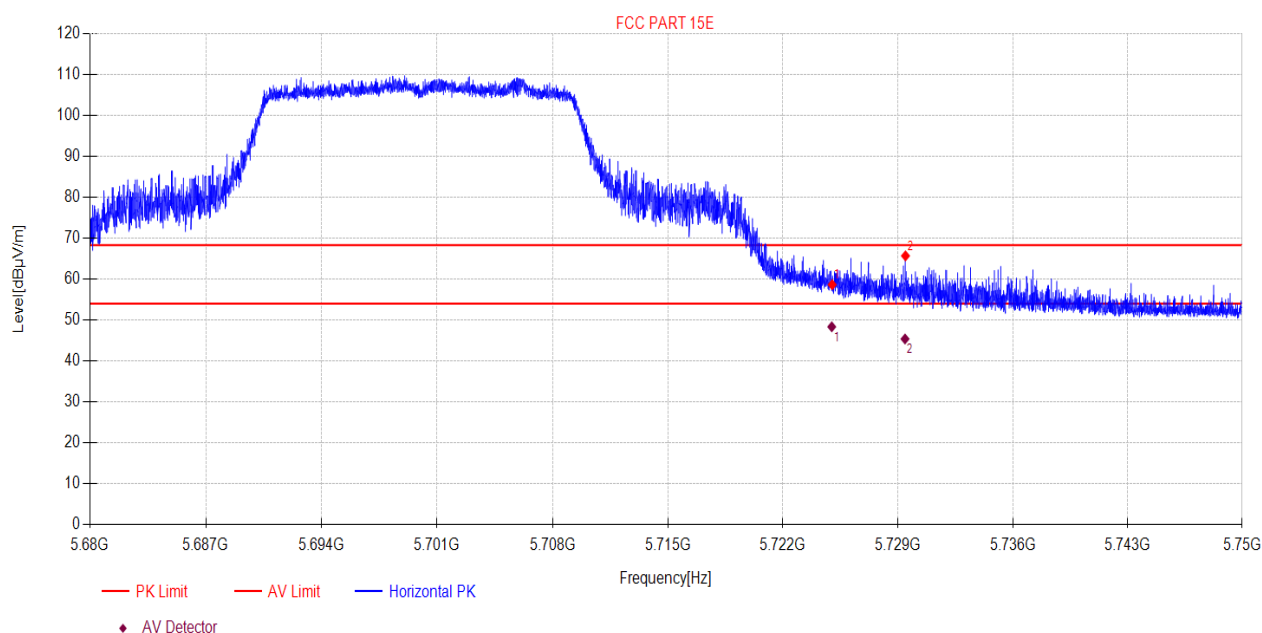
Note:

- Level = Reading + Factor.
- 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: 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\47
Memo: 11AX20 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	51.66	7.00	58.66	68.20	9.64	PK	Horizontal
2	5729.46	58.69	7.01	65.70	68.20	2.60	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.97	41.36	7.00	48.36	54.00	5.64	AV	Horizontal
2	5729.43	38.37	7.01	45.38	54.00	8.62	AV	Horizontal

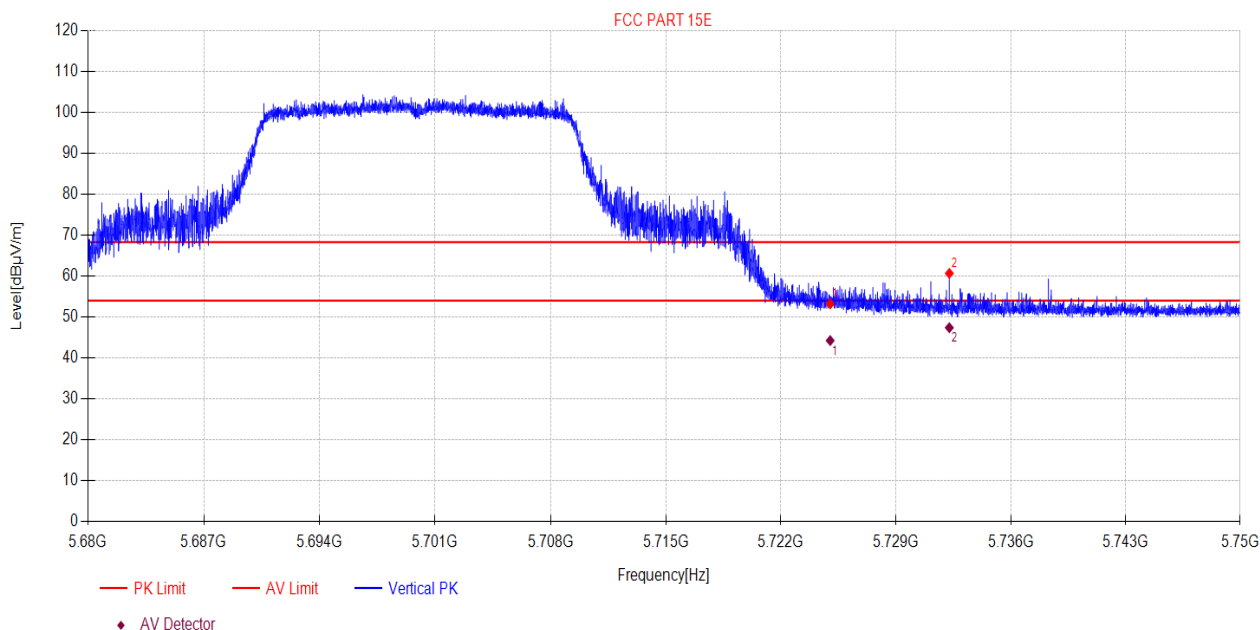
Note:

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\48
Memo: 11AX20 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	46.23	7.00	53.23	68.20	15.07	PK	Vertical
2	5732.26	53.68	7.01	60.69	68.20	7.61	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	37.25	7.00	44.25	54.00	9.75	AV	Vertical
2	5732.26	40.39	7.01	47.40	54.00	6.60	AV	Vertical

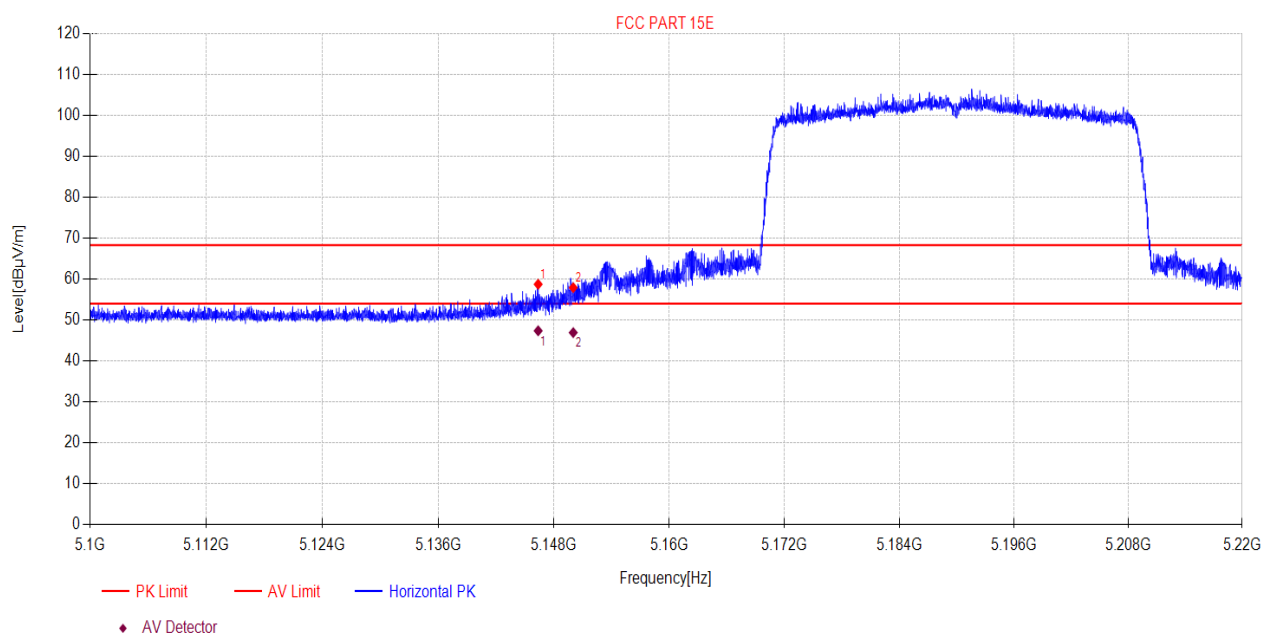
Note:

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\49
Memo: 11AX40 5190

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5146.36	52.77	5.99	58.76	68.20	9.54	PK	Horizontal
2	5150.00	51.94	5.99	57.93	68.20	10.37	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5146.36	41.38	5.99	47.37	54.00	6.63	AV	Horizontal
2	5150.00	40.95	5.99	46.94	54.00	7.06	AV	Horizontal

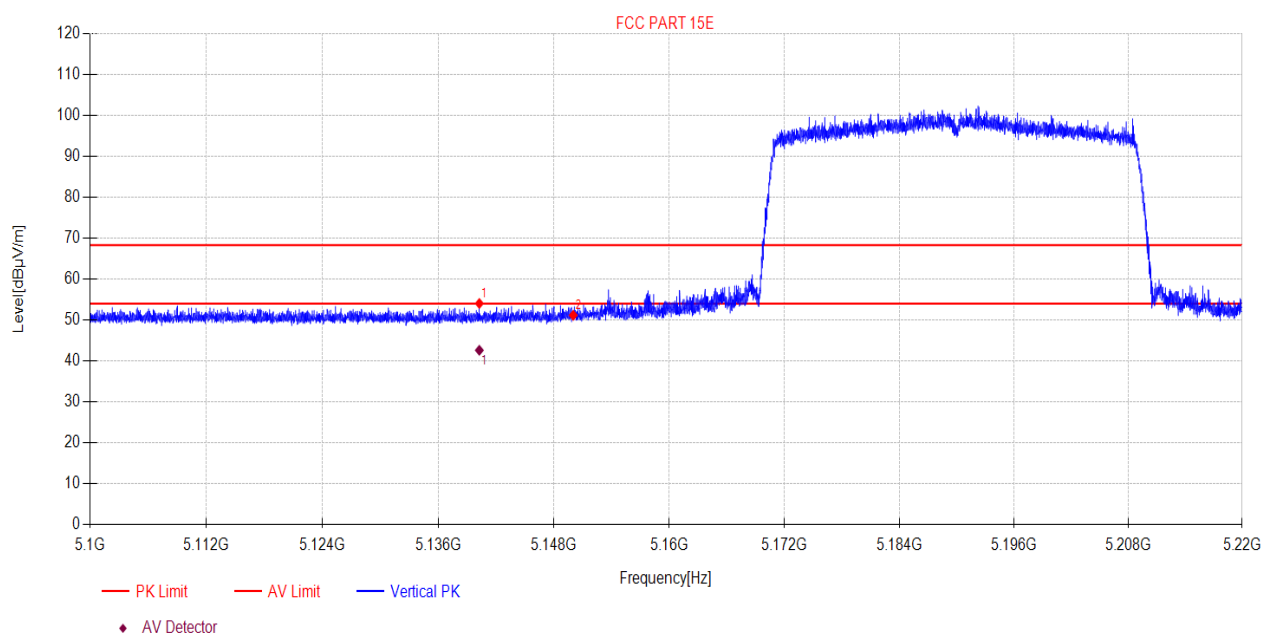
Note:

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\50
Memo: 11AX40 5190

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5140.25	48.08	5.99	54.07	68.20	14.23	PK	Vertical
2	5150.00	45.18	5.99	51.17	68.20	17.13	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5140.25	36.62	5.99	42.61	54.00	11.39	AV	Vertical

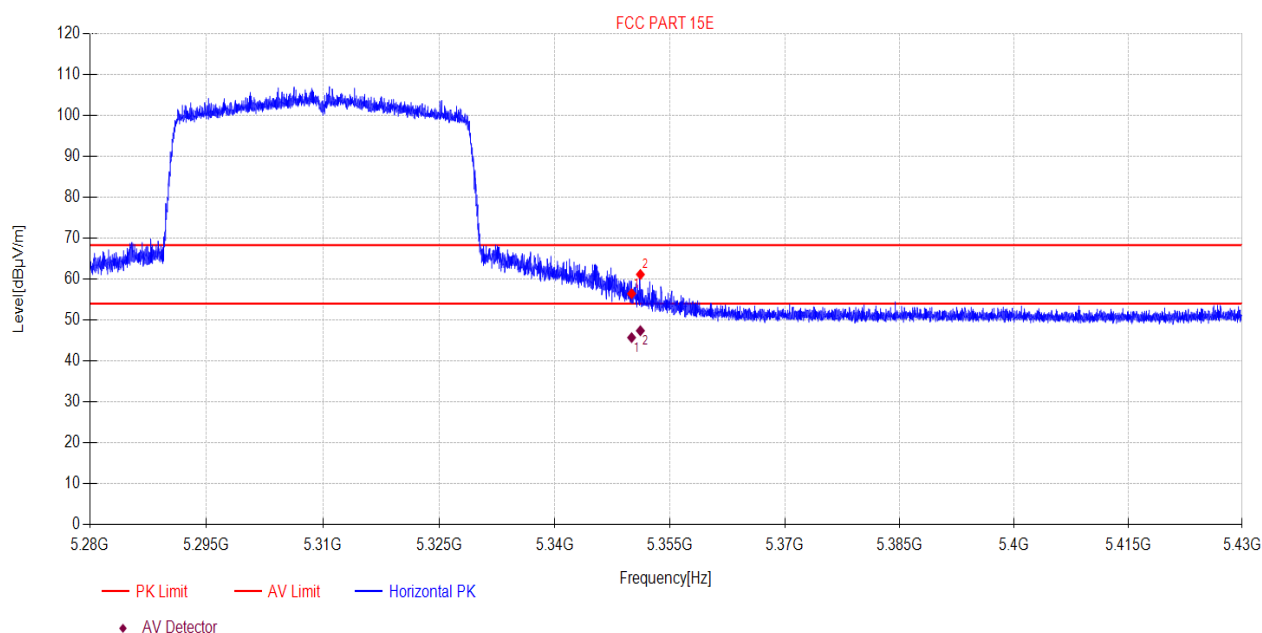
Note:

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\51
Memo: 11AX40 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	50.31	6.15	56.46	68.20	11.84	PK	Horizontal
2	5351.15	55.01	6.15	61.16	68.20	7.14	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	39.56	6.15	45.71	54.00	8.29	AV	Horizontal
2	5351.15	41.24	6.15	47.39	54.00	6.61	AV	Horizontal

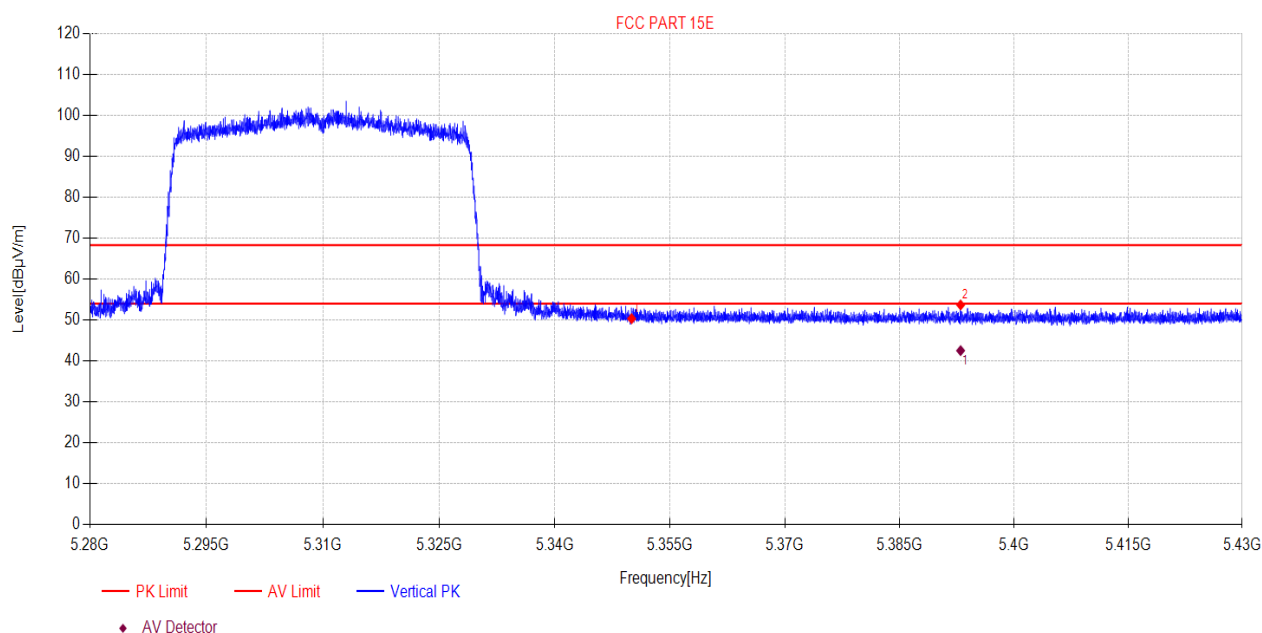
Note:

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\52
Memo: 11AX40 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	44.19	6.15	50.34	68.20	17.96	PK	Vertical
2	5392.97	47.51	6.19	53.70	68.20	14.60	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5392.97	36.33	6.19	42.52	54.00	11.48	AV	Vertical

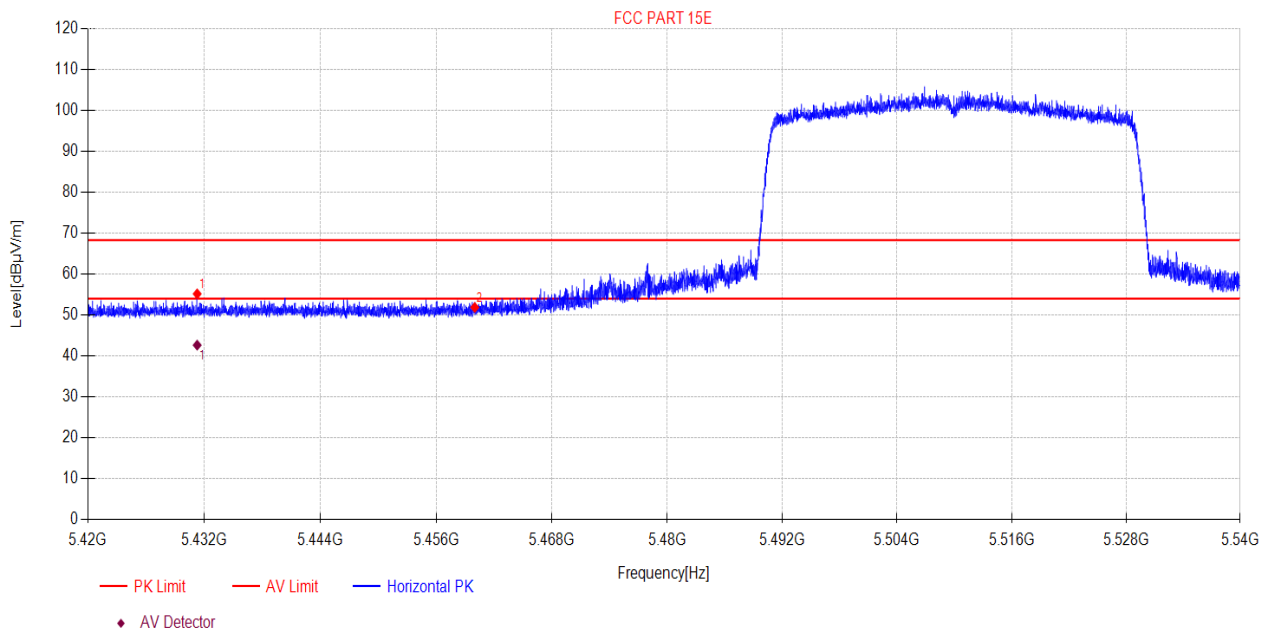
Note:

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\53
Memo: 11AX40 5510

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5431.27	48.97	6.22	55.19	68.20	13.11	PK	Horizontal
2	5460.00	45.63	6.24	51.87	68.20	16.43	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5431.27	36.42	6.22	42.64	54.00	11.36	AV	Horizontal

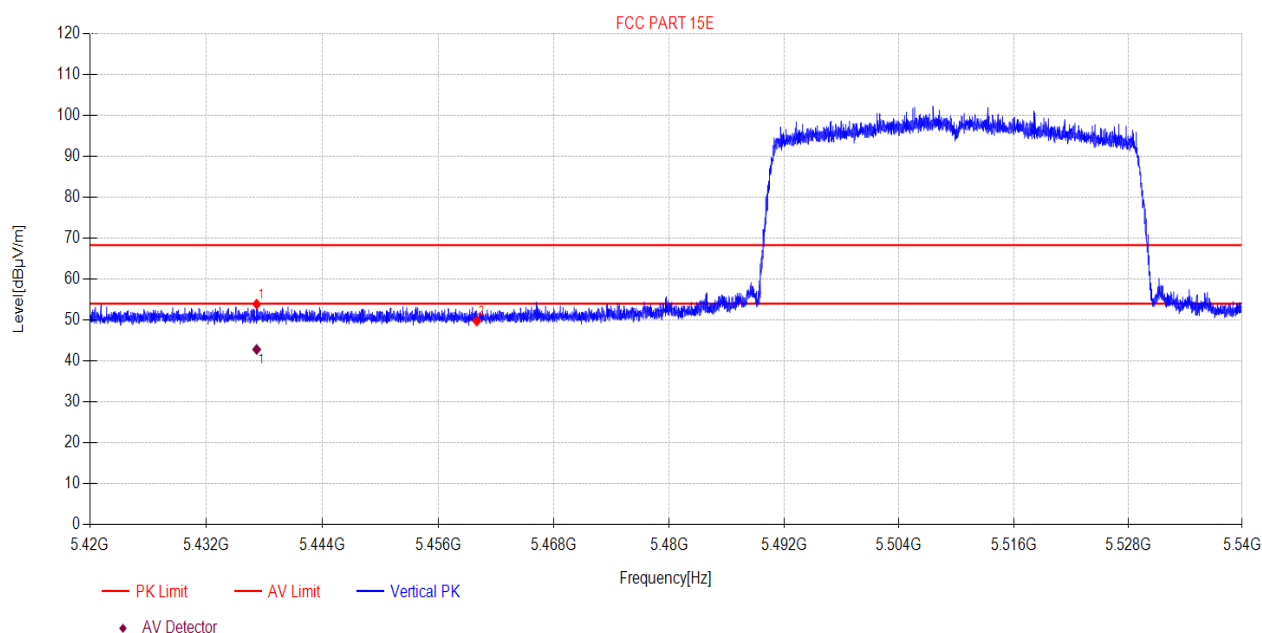
Note:

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\54
Memo: 11AX40 5510

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5437.21	47.69	6.22	53.91	68.20	14.39	PK	Vertical
2	5460.00	43.53	6.24	49.77	68.20	18.53	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5437.21	36.59	6.22	42.81	54.00	11.19	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

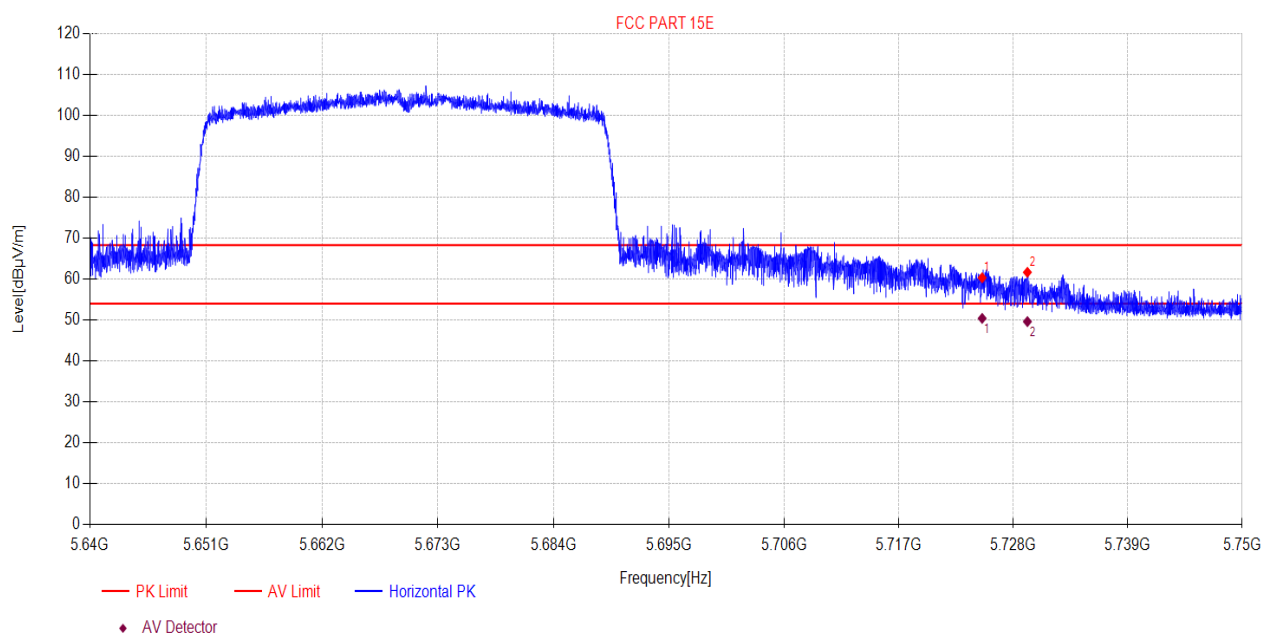
Test Mode: TX Mode **Power Supply:** AC120V/60Hz

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\55

Memo: 11AX40 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	53.35	7.00	60.35	68.20	7.95	PK	Horizontal
2	5729.34	54.68	7.01	61.69	68.20	6.61	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	43.42	7.00	50.42	54.00	3.58	AV	Horizontal
2	5729.34	42.61	7.01	49.62	54.00	4.38	AV	Horizontal

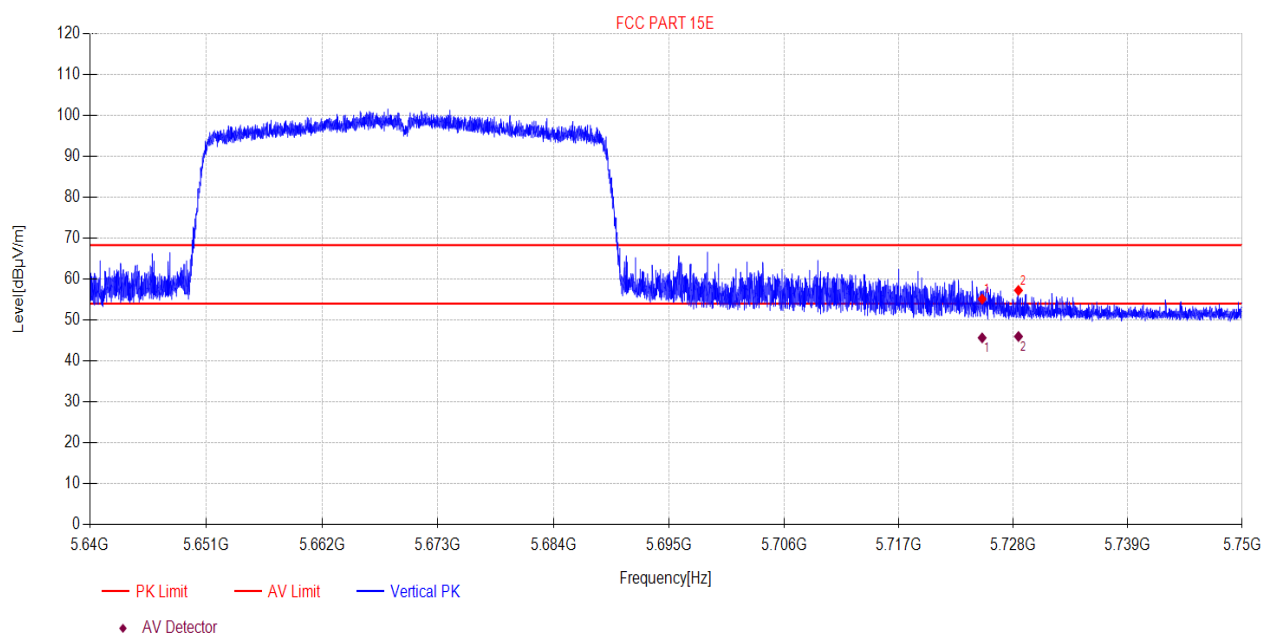
Note:

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:** 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\56
Memo: 11AX40 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	48.15	7.00	55.15	68.20	13.15	PK	Vertical
2	5728.48	50.25	7.01	57.26	68.20	11.04	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	38.65	7.00	45.65	54.00	8.35	AV	Vertical
2	5728.48	38.97	7.01	45.98	54.00	8.02	AV	Vertical

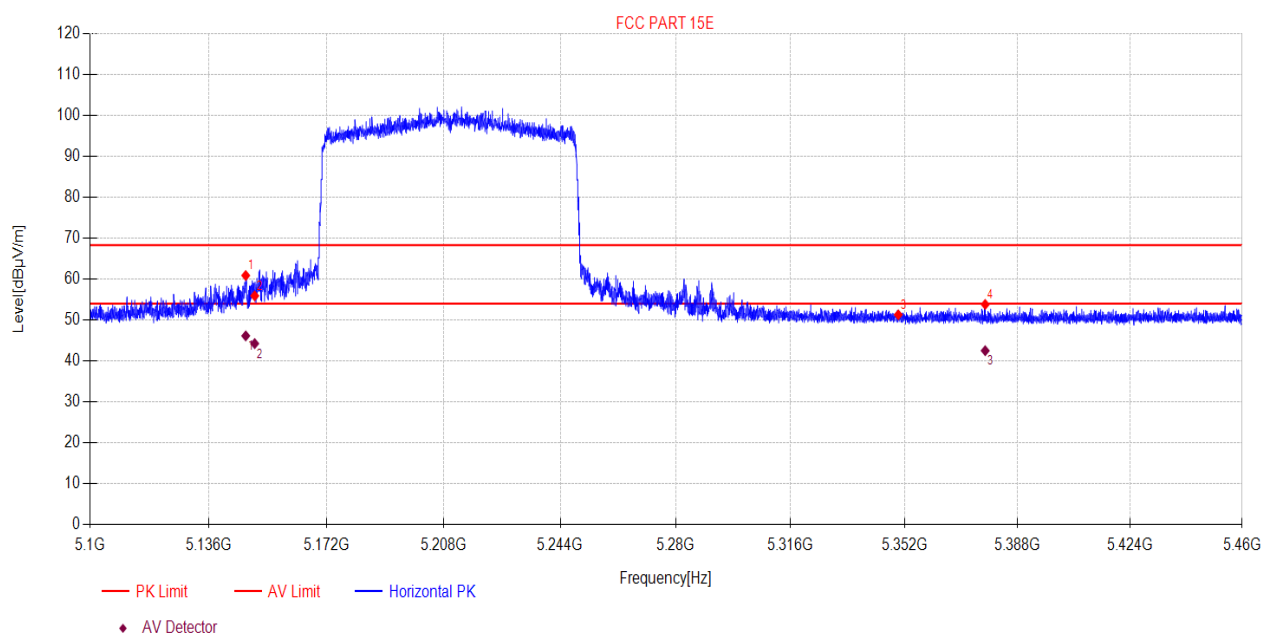
Note:

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\57
Memo: 11AX80 5210

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.27	54.91	5.99	60.90	68.20	7.40	PK	Horizontal
2	5150.00	49.94	5.99	55.93	68.20	12.37	PK	Horizontal
3	5350.00	45.15	6.15	51.30	68.20	17.00	PK	Horizontal
4	5377.60	47.65	6.18	53.83	68.20	14.47	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.26	40.14	5.99	46.13	54.00	7.87	AV	Horizontal
2	5150.00	38.26	5.99	44.25	54.00	9.75	AV	Horizontal
3	5377.60	36.33	6.18	42.51	54.00	11.49	AV	Horizontal

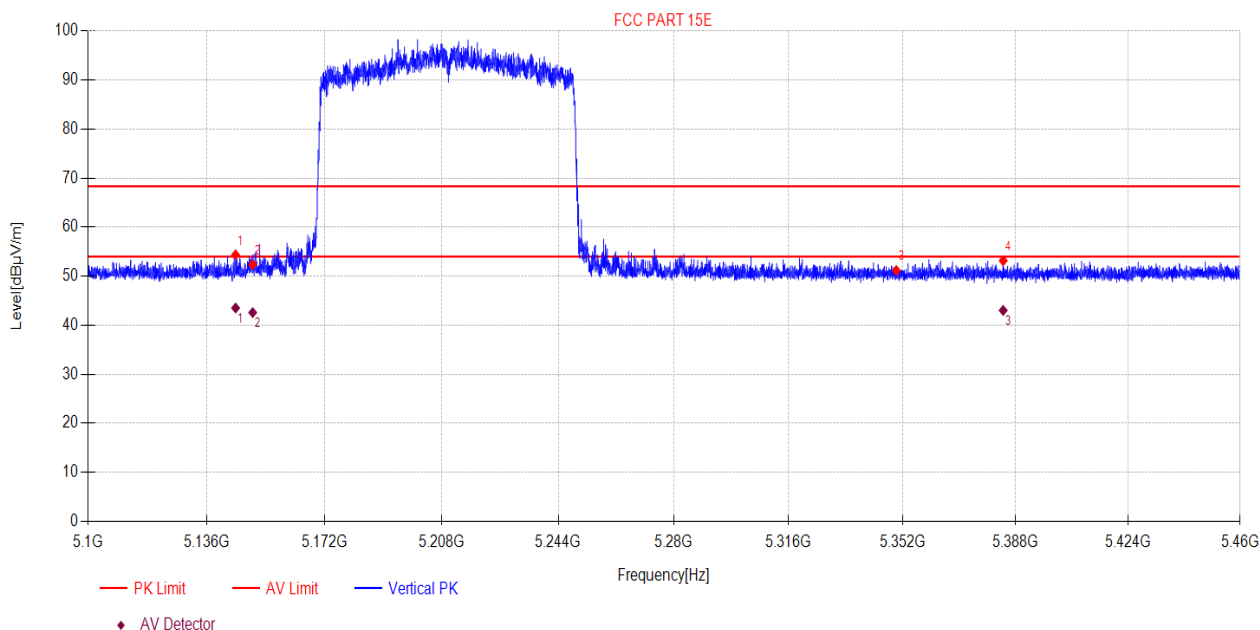
Note:

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\58
Memo: 11AX80 5210

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5144.78	48.37	5.99	54.36	68.20	13.94	PK	Vertical
2	5150.00	46.39	5.99	52.38	68.20	15.92	PK	Vertical
3	5350.00	45.02	6.15	51.17	68.20	17.13	PK	Vertical
4	5383.97	46.98	6.18	53.16	68.20	15.14	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5144.78	37.53	5.99	43.52	54.00	10.48	AV	Vertical
2	5150.00	36.59	5.99	42.58	54.00	11.42	AV	Vertical
3	5383.97	36.84	6.18	43.02	54.00	10.98	AV	Vertical

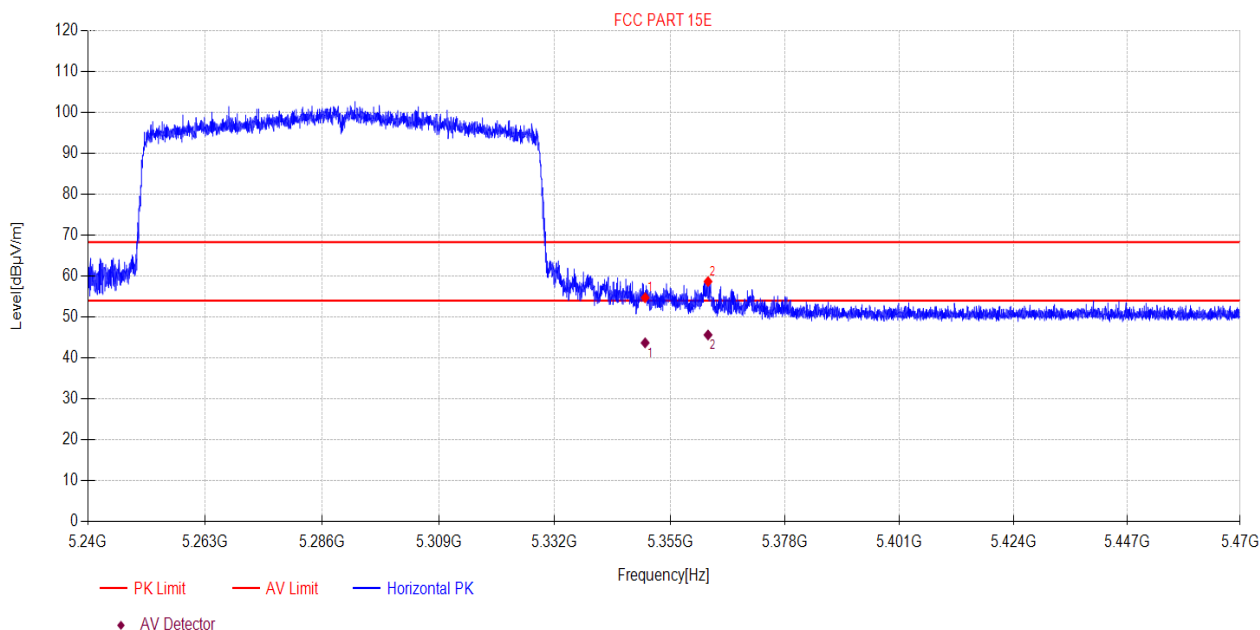
Note:

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\59
Memo: 11AX80 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	48.58	6.15	54.73	68.20	13.57	PK	Horizontal
2	5362.57	52.54	6.16	58.70	68.20	9.60	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	37.54	6.15	43.69	54.00	10.31	AV	Horizontal
2	5362.57	39.46	6.16	45.62	54.00	8.38	AV	Horizontal

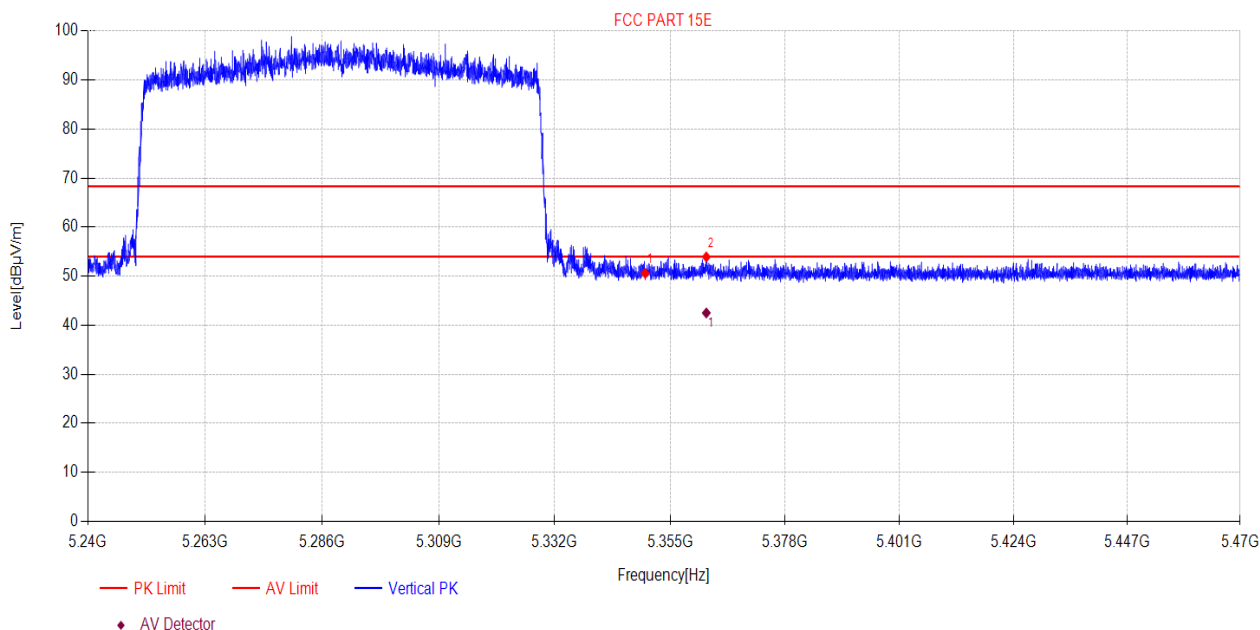
Note:

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:** 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\60
Memo: 11AX80 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	44.44	6.15	50.59	68.20	17.71	PK	Vertical
2	5362.22	47.77	6.16	53.93	68.20	14.37	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5362.22	36.35	6.16	42.51	54.00	11.49	AV	Vertical

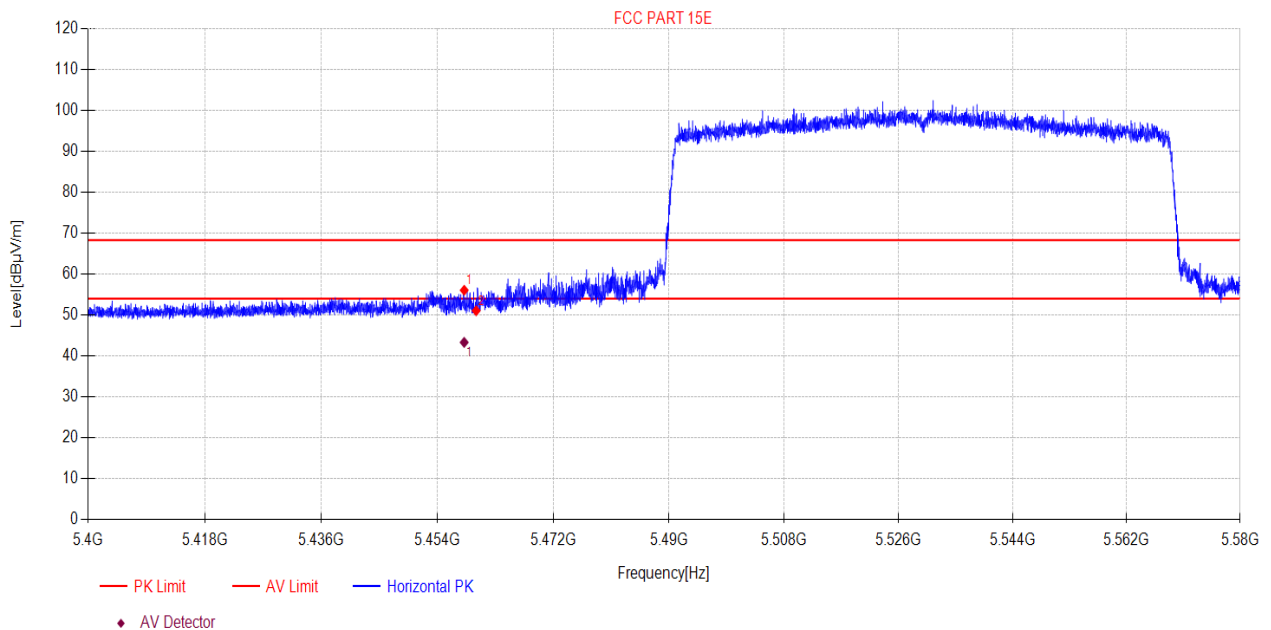
Note:

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\61
Memo: 11AX80 5530

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.14	49.84	6.24	56.08	68.20	12.22	PK	Horizontal
2	5460.00	44.82	6.24	51.06	68.20	17.24	PK	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.14	37.08	6.24	43.32	54.00	10.68	AV	Horizontal

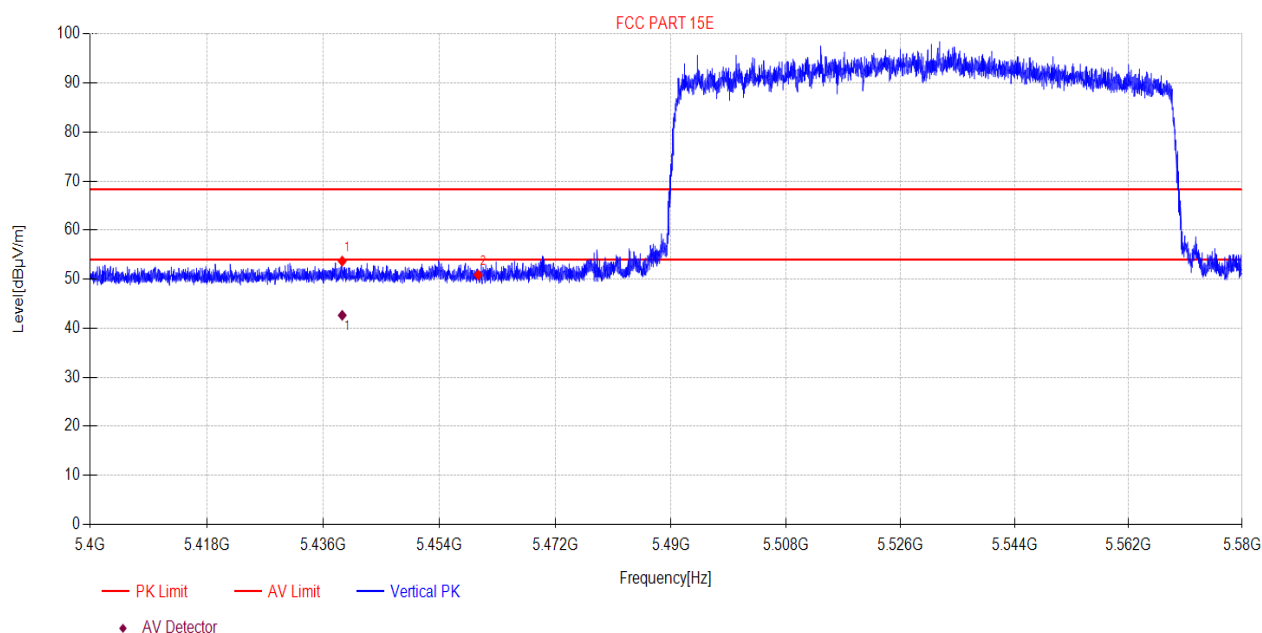
Note:

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\62
Memo: 11AX80 5530

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5438.92	47.47	6.22	53.69	68.20	14.61	PK	Vertical
2	5460.00	44.63	6.24	50.87	68.20	17.43	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5438.92	36.41	6.22	42.63	54.00	11.37	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

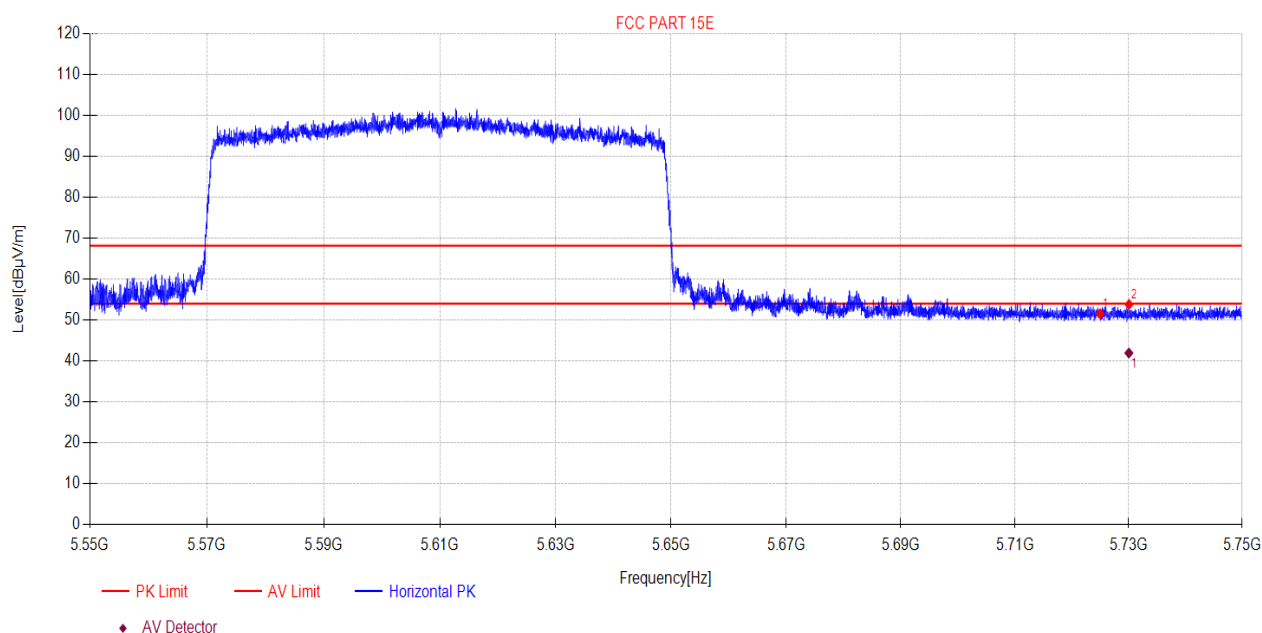
Test Mode: TX Mode **Power Supply:** AC120V/60Hz

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\63

Memo: 11AX80 5610

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	44.55	7.00	51.55	68.20	16.75	PK	Horizontal
2	5730.06	46.81	7.01	53.82	68.20	14.48	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5730.04	34.93	7.01	41.94	54.00	12.06	AV	Horizontal

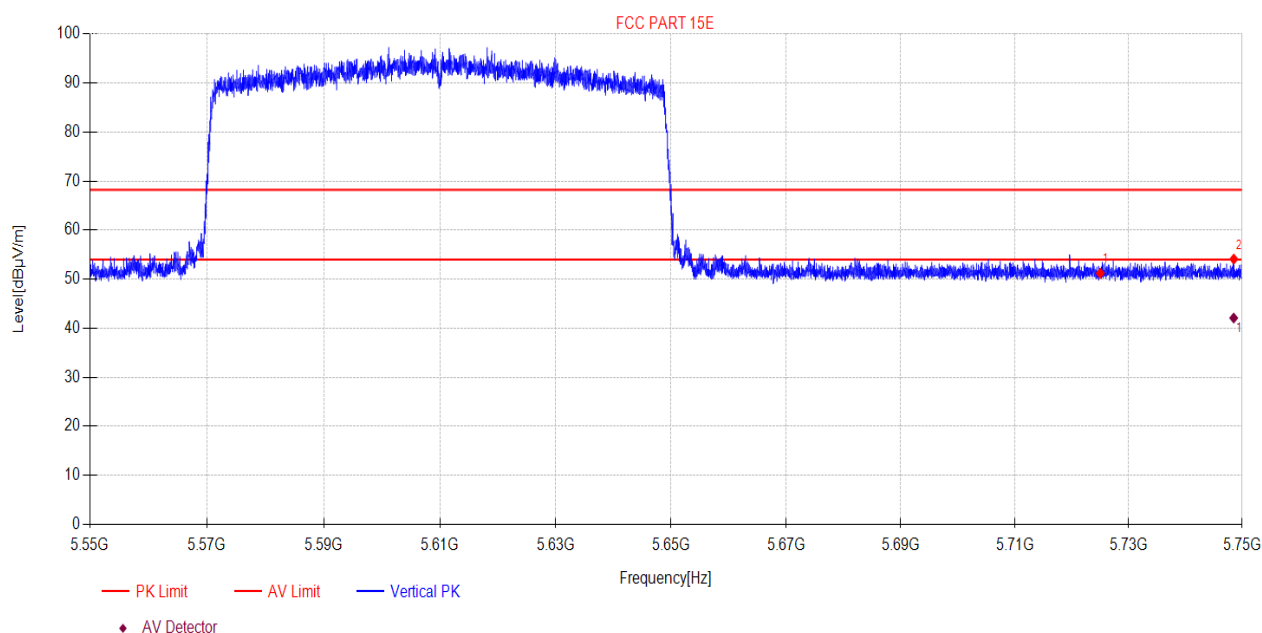
Note:

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\64
Memo: 11AX80 5610

Test Graph



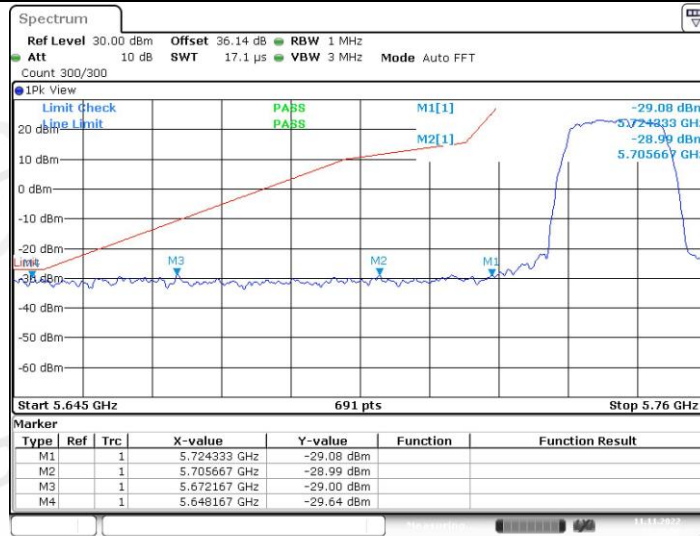
Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	44.21	7.00	51.21	68.20	17.09	PK	Vertical
2	5748.54	47.04	7.06	54.10	68.20	14.20	PK	Vertical

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5748.52	35.03	7.06	42.09	54.00	11.91	AV	Vertical

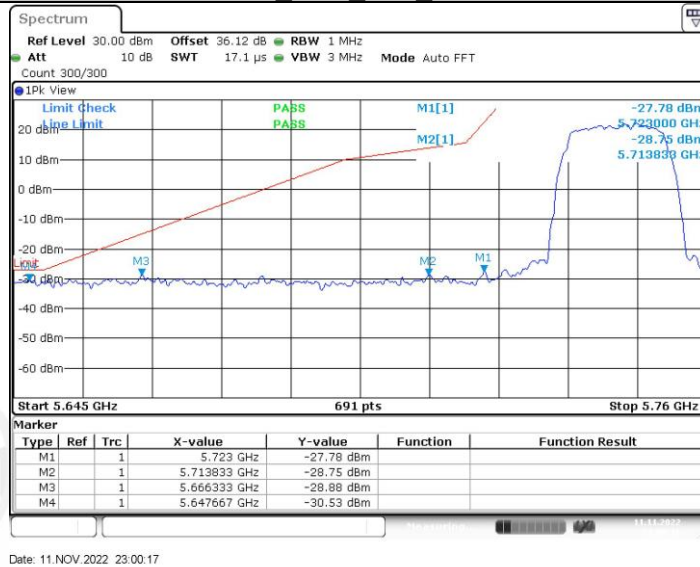
Note:

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.

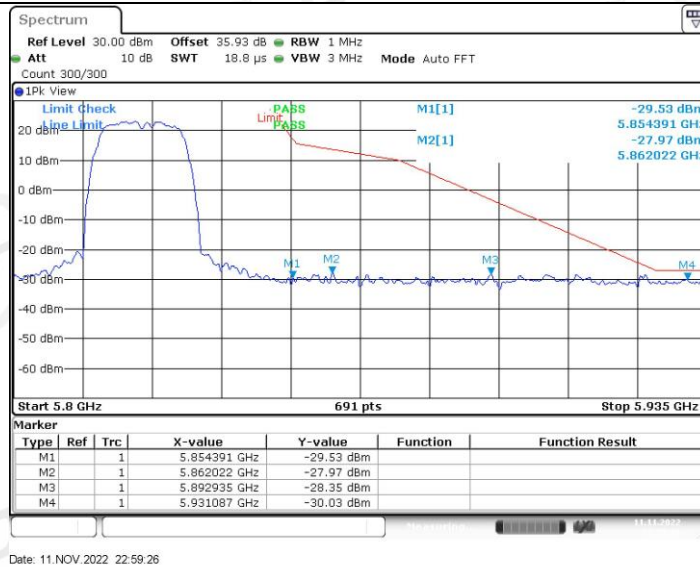
11A_Ant1_Low_5745



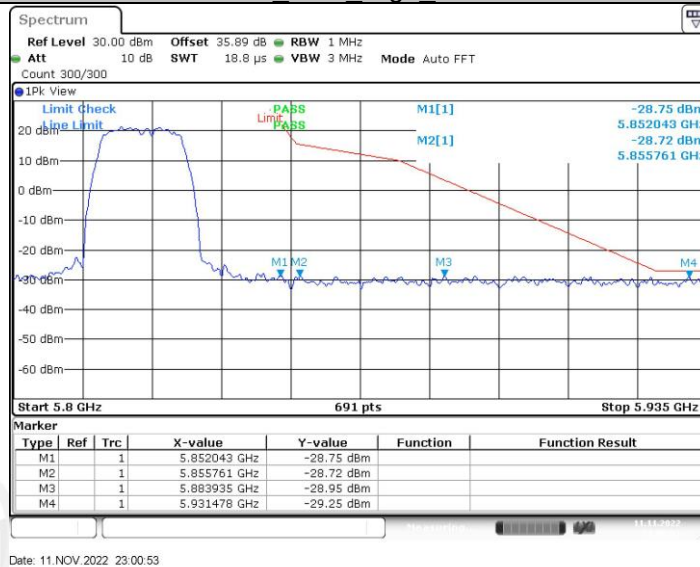
11A_Ant2_Low_5745



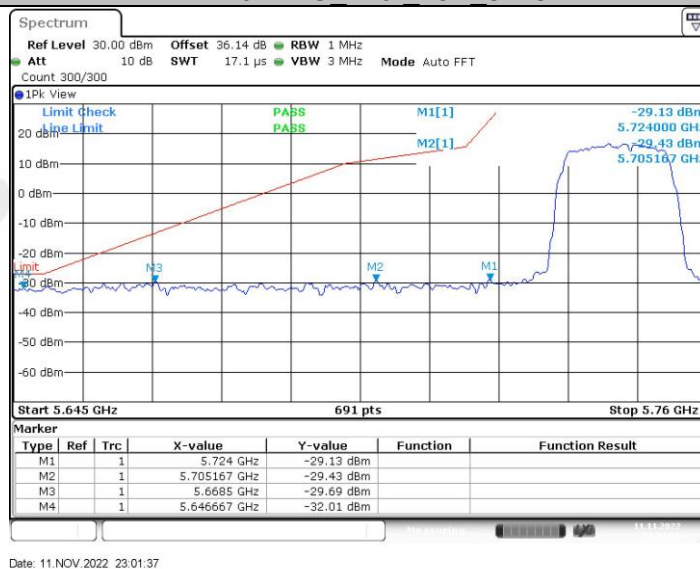
11A_Ant1_High_5825



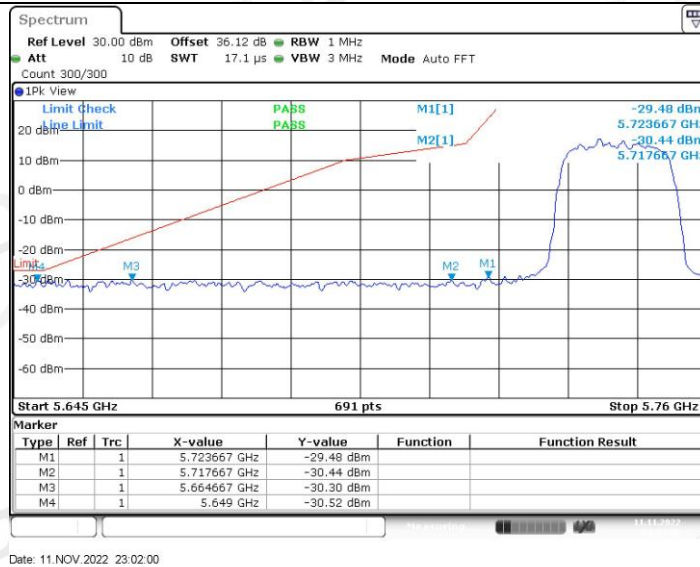
11A Ant2 High 5825



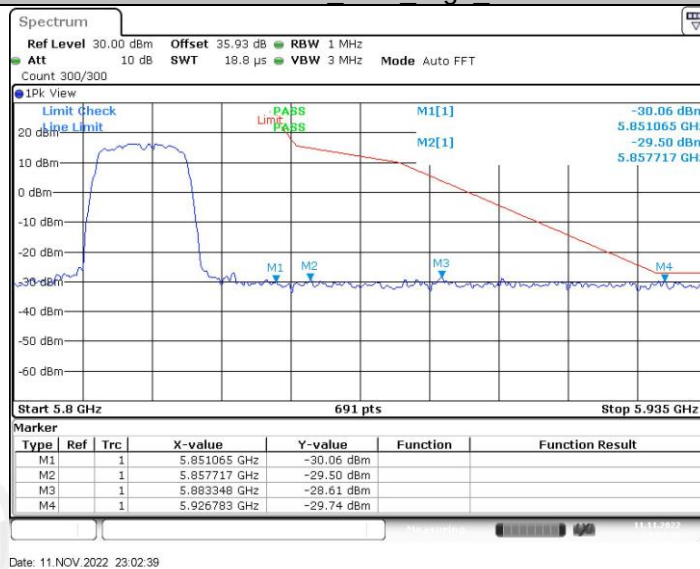
11N20MIMO Ant1 Low 5745



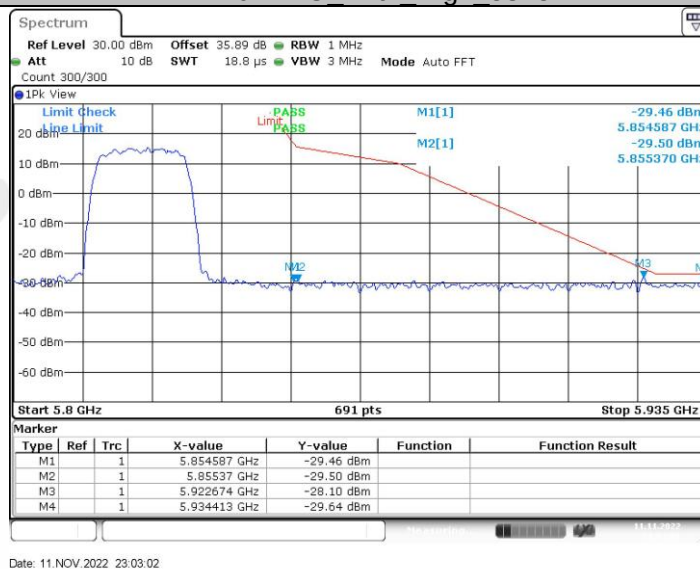
11N20MIMO Ant2 Low 5745



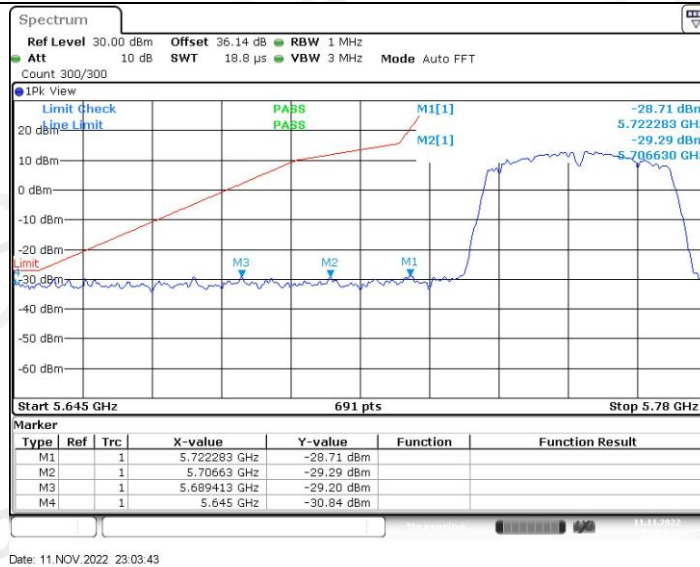
11N20MIMO Ant1 High 5825



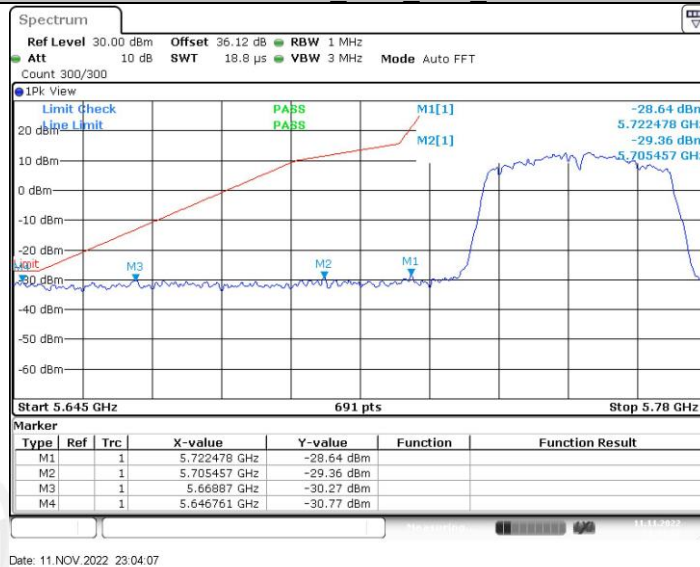
11N20MIMO Ant2 High 5825



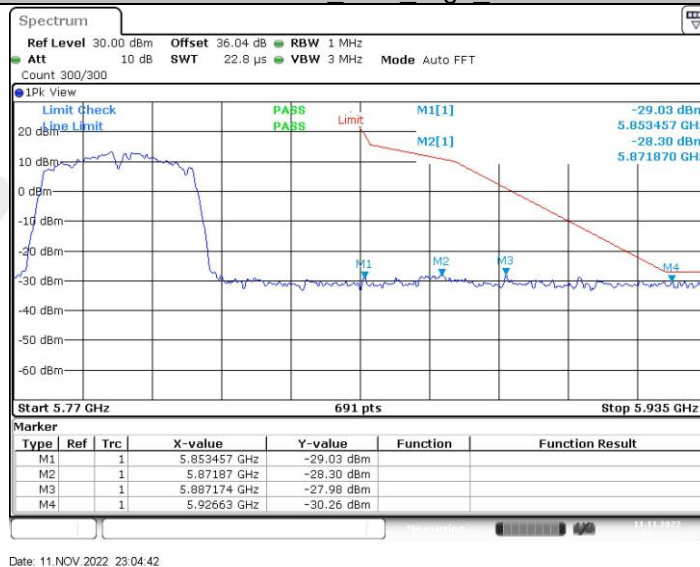
11N40MIMO Ant1 Low 5755



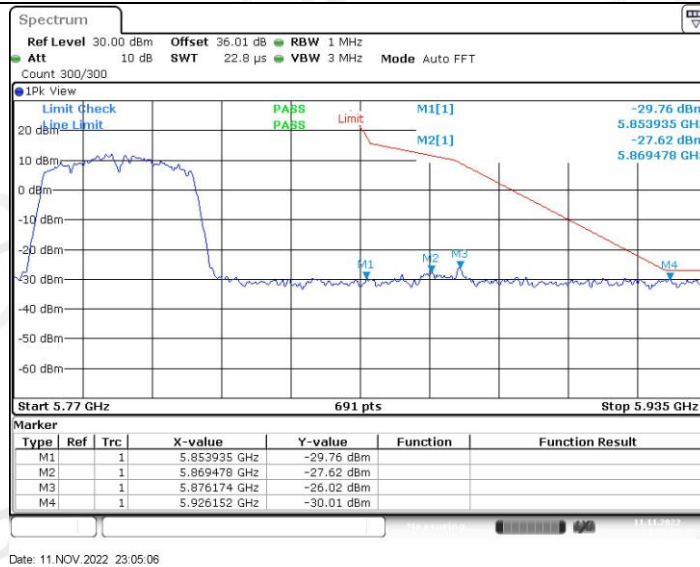
11N40MIMO Ant2 Low 5755



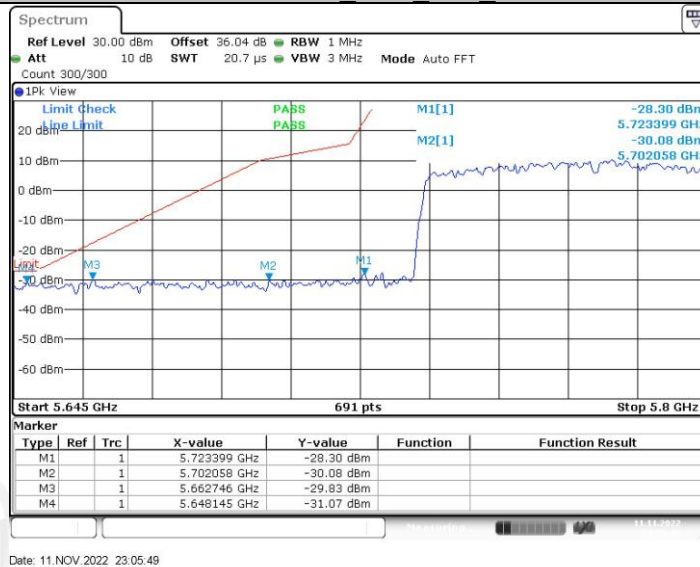
11N40MIMO Ant1 High 5795



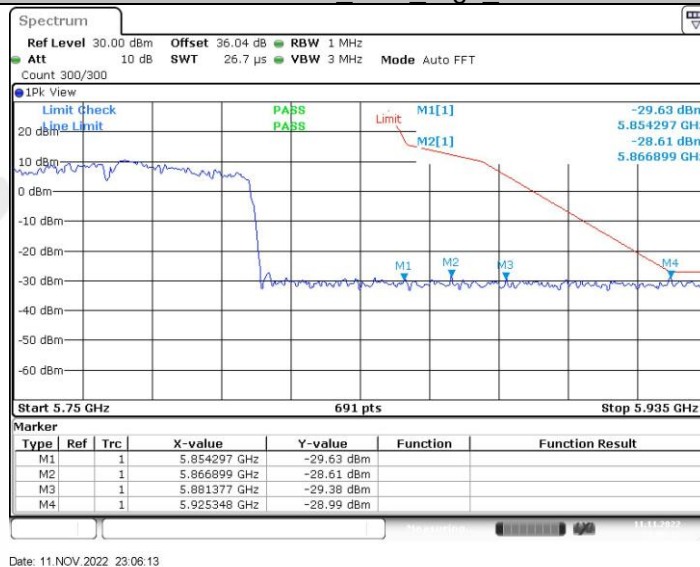
11N40MIMO Ant2 High 5795



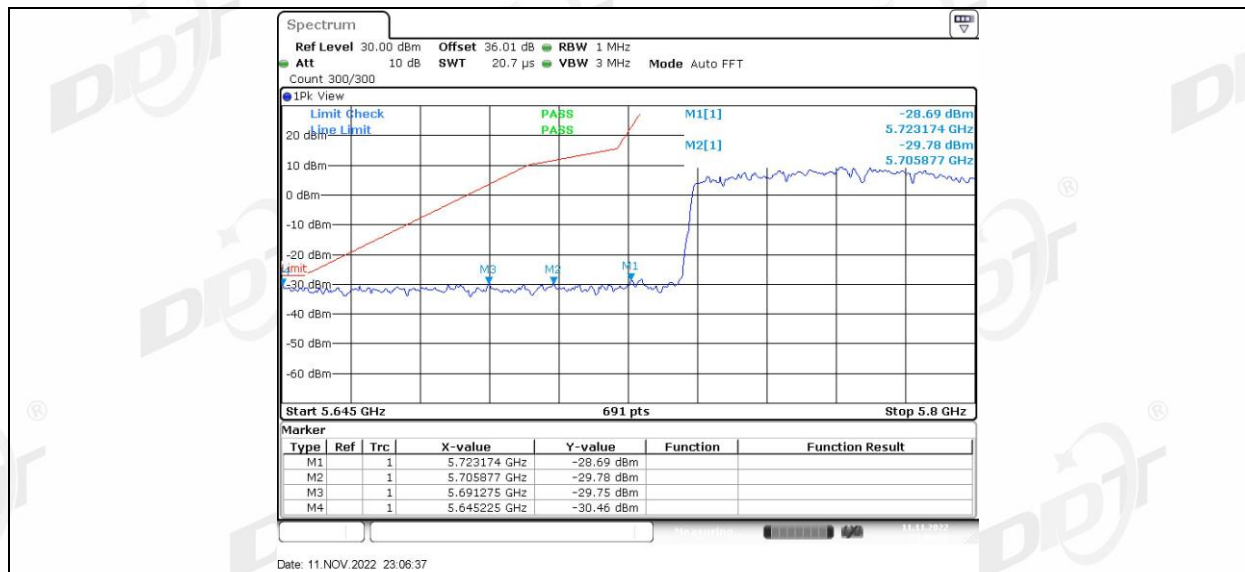
11AC80MIMO_Ant1_Low_5775



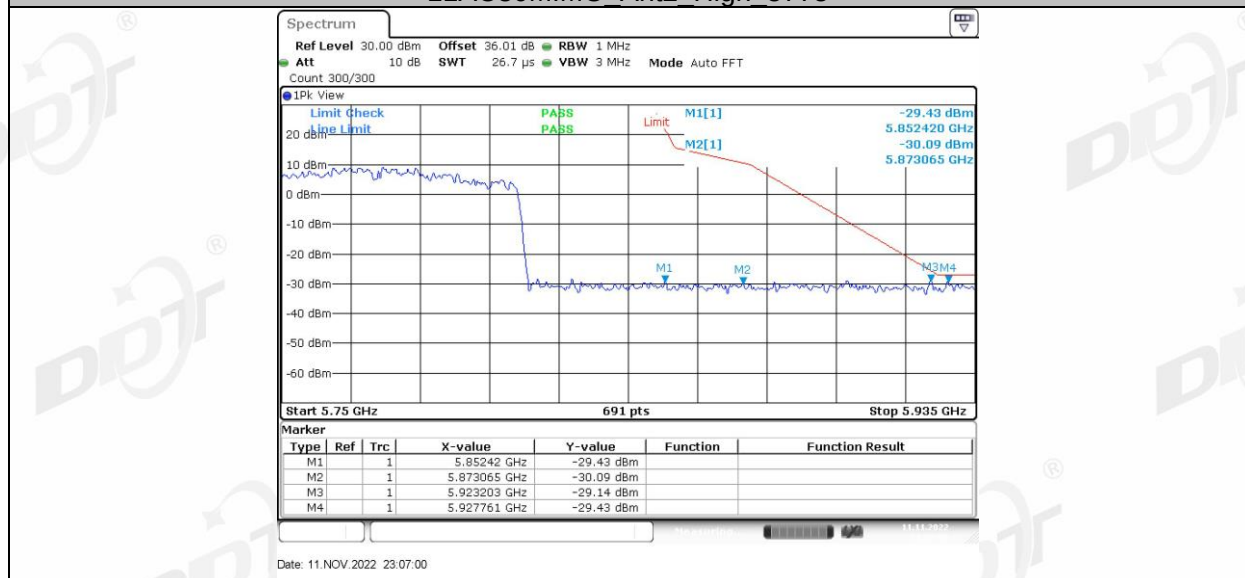
11AC80MIMO_Ant1_High_5775



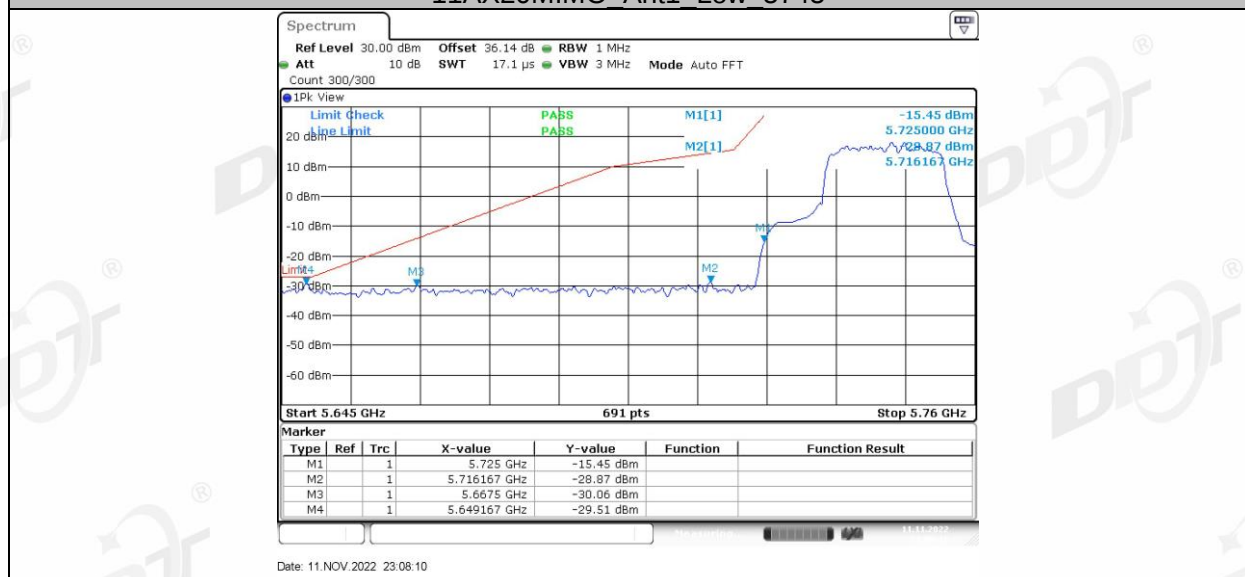
11AC80MIMO_Ant2_Low_5775



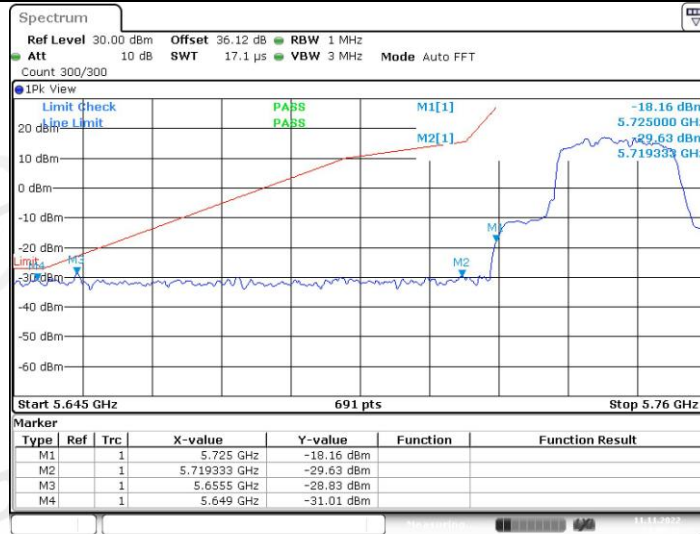
11AC80MIMO Ant2 High 5775



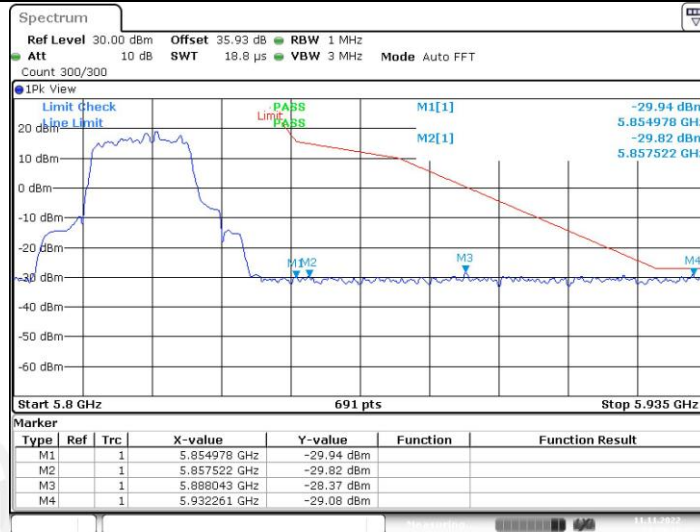
11AX20MIMO Ant1 Low 5745



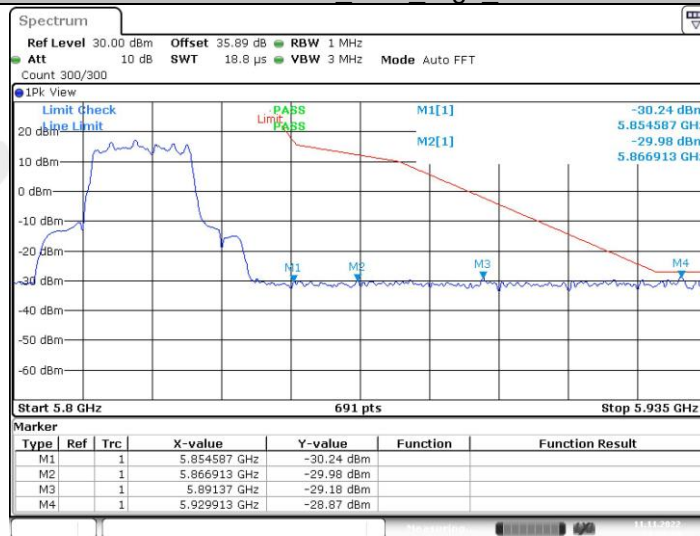
11AX20MIMO_Ant2_Low_5745



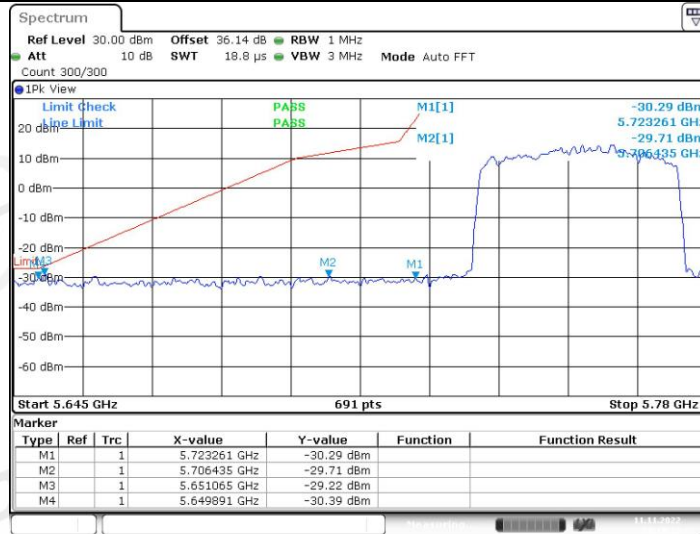
11AX20MIMO_Ant1_High_5825



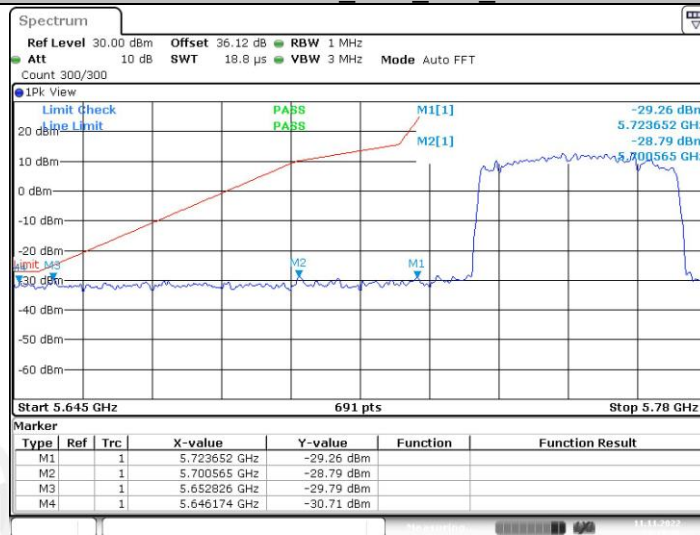
11AX20MIMO_Ant2_High_5825



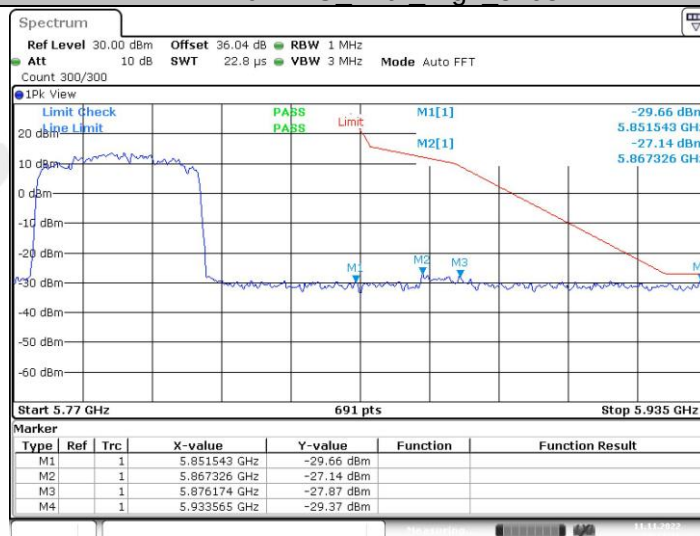
11AX40MIMO_Ant1_Low_5755



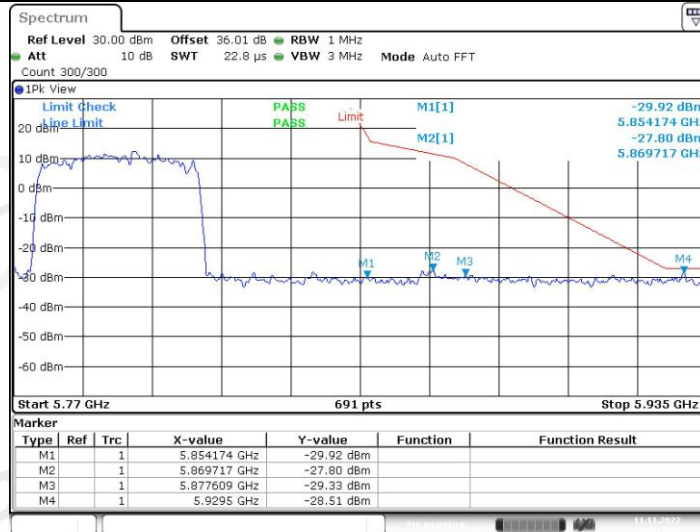
11AX40MIMO_Ant2_Low_5755



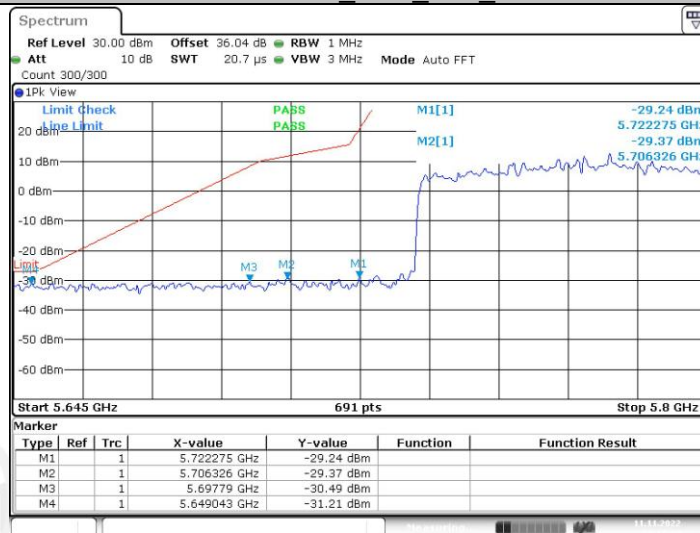
11AX40MIMO_Ant1_High_5795



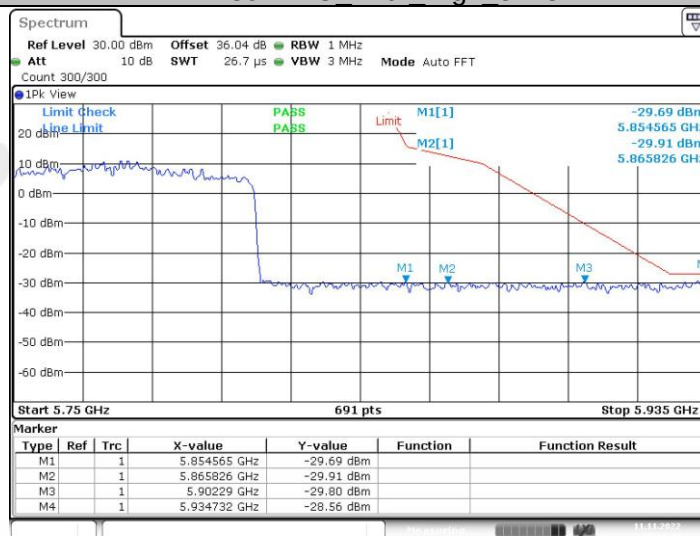
11AX40MIMO_Ant2_High_5795



11AX80MIMO_Ant1_Low_5775



11AX80MIMO_Ant1_High_5775





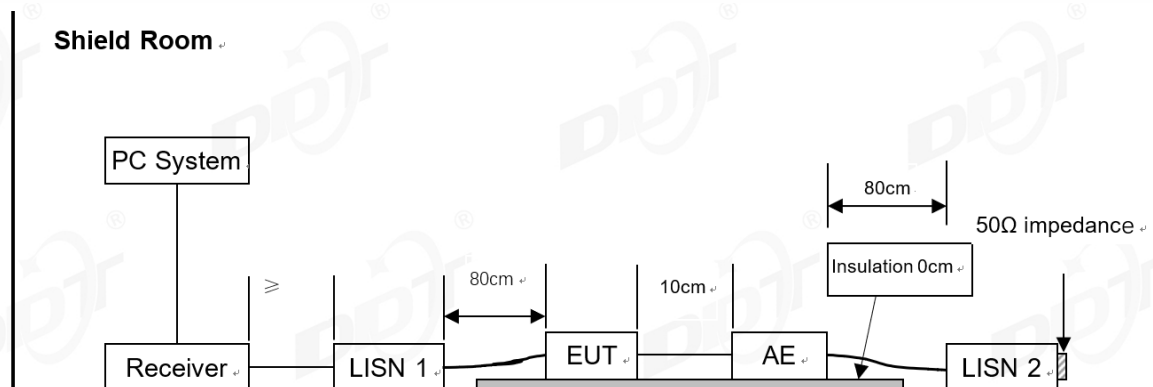
Note 1: All of case have been reviewed and record for the worst data.

Note 2: According exploratory explorer test, The 802.11n HT20/n HT40 mode are the same attribute with the 802.11ac VHT20/ac VHT40 mode.

Note 3: The gain is compensated in the graph.

11. Power Line Conducted Emission

11.1. Block diagram of test setup



11.2. Power Line Conducted Emission Limits (Class B)

Frequency	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150 kHz ~ 500 kHz	66 ~ 56*	56 ~ 46*
500 kHz ~ 5 MHz	56	46
5 MHz ~ 30 MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

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

11.3. Test Procedure

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

Configuration EUT to simulate typical usage as described in clause 2.3 and test equipment as described in clause 10.2 of this report.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

All support equipment power received from a second LISN.

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

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

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

The test mode(s) described in clause 2.3 were scanned during the preliminary test.

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

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

EUT and support equipment were set up on the test bench as per the configuration with highest

emission level in the preliminary test.

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

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

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

The bandwidth of test receiver is set at 9 kHz.

11.4. Test Result

Pass. (See below detailed test result)

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

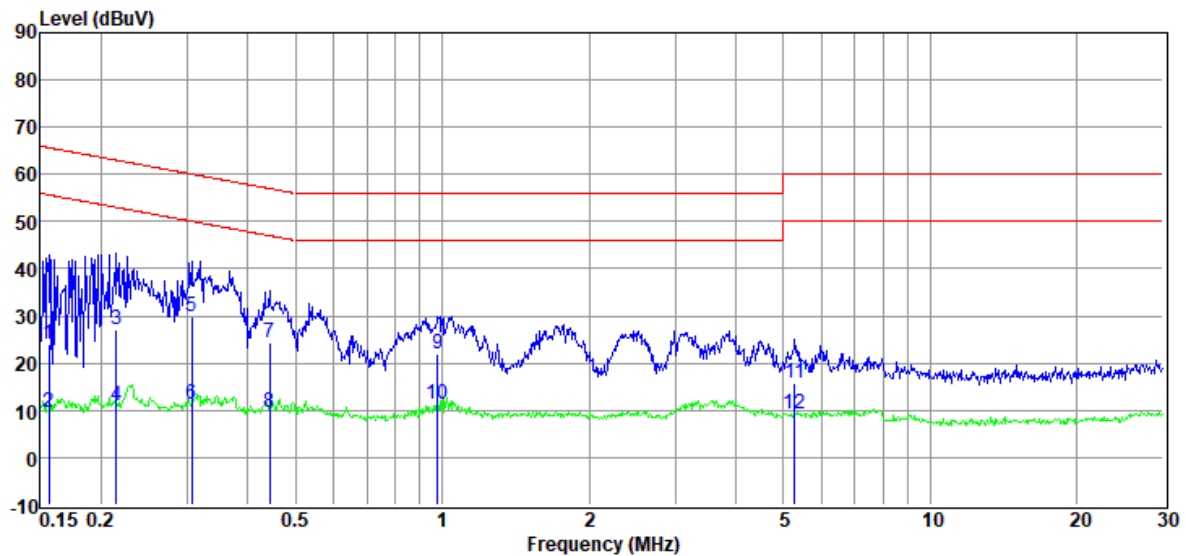
Note2: "----" means peak detection; "----" means average detection

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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room **D:\2022 CE report date\Q22100908-2E M64 PLUS\FCC.EM6**
Test Date : 2022-10-25 **Tested By** : Bairong
EUT : M6a Plus Mesh Wi-Fi Router **Model Number** : M6a Plus
Power Supply : AC 120V/60Hz **Test Mode** : TX mode
Condition : TEMP:24.6°C, RH:54.1%, BP:101.1kPa **LISN** : 2021 1# ENV216/LINE
Memo : 5G wifi

Data: 6



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBμV)	Limit Line (dBμV)	Over Limit (dB)	Detector	Phase
1	0.16	4.51	9.63	0.01	9.92	24.07	65.65	-41.58	QP	LINE
2	0.16	-10.08	9.63	0.01	9.92	9.48	55.65	-46.17	Average	LINE
3	0.22	7.38	9.78	0.01	9.92	27.09	63.01	-35.92	QP	LINE
4	0.22	-8.82	9.78	0.01	9.92	10.89	53.01	-42.12	Average	LINE
5	0.31	10.05	9.71	0.02	9.92	29.70	60.06	-30.36	QP	LINE
6	0.31	-8.26	9.71	0.02	9.92	11.39	50.06	-38.67	Average	LINE
7	0.44	4.96	9.63	0.02	9.91	24.52	57.02	-32.50	QP	LINE
8	0.44	-9.85	9.63	0.02	9.91	9.71	47.02	-37.31	Average	LINE
9	0.98	2.50	9.59	0.03	9.89	22.01	56.00	-33.99	QP	LINE
10	0.98	-8.10	9.59	0.03	9.89	11.41	46.00	-34.59	Average	LINE
11	5.28	-3.77	9.55	0.06	9.93	15.77	60.00	-44.23	QP	LINE
12	5.28	-10.40	9.55	0.06	9.93	9.14	50.00	-40.86	Average	LINE

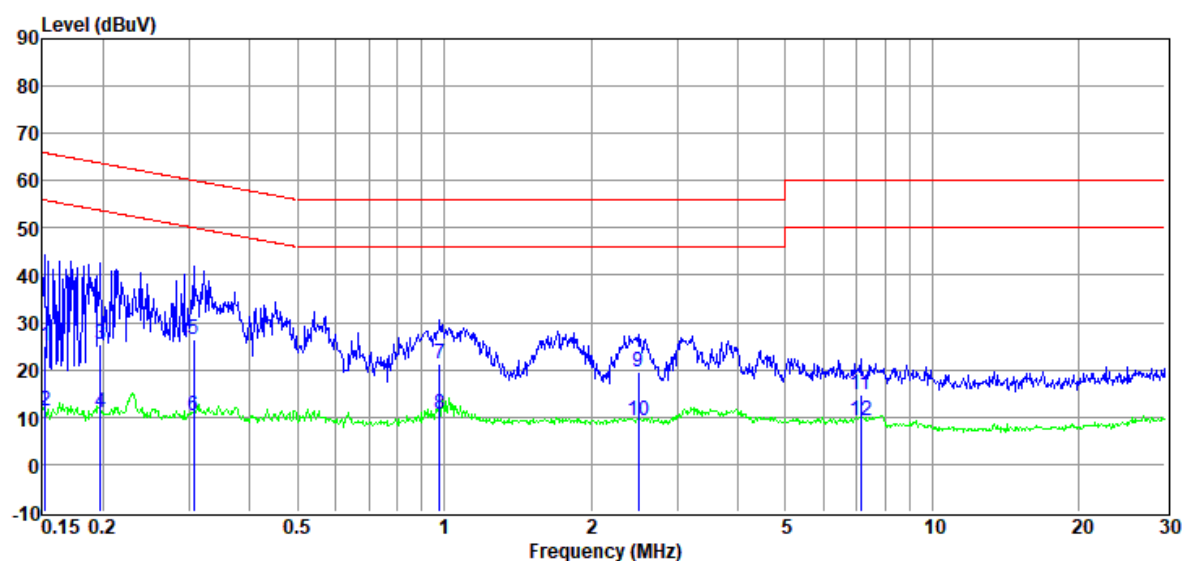
Note:

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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room **D:\2022 CE report date\Q22100908-2E M64 PLUS\FCC.EM6**
Test Date : 2022-10-25 **Tested By** : Bairong
EUT : M6a Plus Mesh Wi-Fi Router **Model Number** : M6a Plus
Power Supply : AC 120V/60Hz **Test Mode** : TX mode
Condition : TEMP:24.6°C, RH:54.1%, BP:101.1kPa **LISN** : 2021 1# ENV216/NEUTRAL
Memo : 5G wifi

Data: 8



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	5.36	9.80	0.01	9.92	25.09	65.87	-40.78	QP	NEUTRAL
2	0.15	-8.54	9.80	0.01	9.92	11.19	55.87	-44.68	Average	NEUTRAL
3	0.20	5.78	9.80	0.01	9.92	25.51	63.71	-38.20	QP	NEUTRAL
4	0.20	-8.81	9.80	0.01	9.92	10.92	53.71	-42.79	Average	NEUTRAL
5	0.31	6.70	9.66	0.02	9.92	26.30	60.06	-33.76	QP	NEUTRAL
6	0.31	-9.24	9.66	0.02	9.92	10.36	50.06	-39.70	Average	NEUTRAL
7	0.98	1.78	9.71	0.03	9.89	21.41	56.00	-34.59	QP	NEUTRAL
8	0.98	-8.85	9.71	0.03	9.89	10.78	46.00	-35.22	Average	NEUTRAL
9	2.50	-0.21	9.66	0.05	9.90	19.40	56.00	-36.60	QP	NEUTRAL
10	2.50	-10.31	9.66	0.05	9.90	9.30	46.00	-36.70	Average	NEUTRAL
11	7.14	-4.92	9.61	0.09	9.94	14.72	60.00	-45.28	QP	NEUTRAL
12	7.14	-10.50	9.61	0.09	9.94	9.14	50.00	-40.86	Average	NEUTRAL

Note:

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

12. Antenna Requirements

12.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

For intentional device, according to RSS-Gen issue 5 section 6.8.

The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

12.2. Result

The device support 2T2R MIMO, the antennas both used for this product are internal antennas and no antenna other than that furnished by the responsible party shall be used with the device, maximum antenna gain is 7 dBi for antenna 1, 7 dBi for antenna 2.