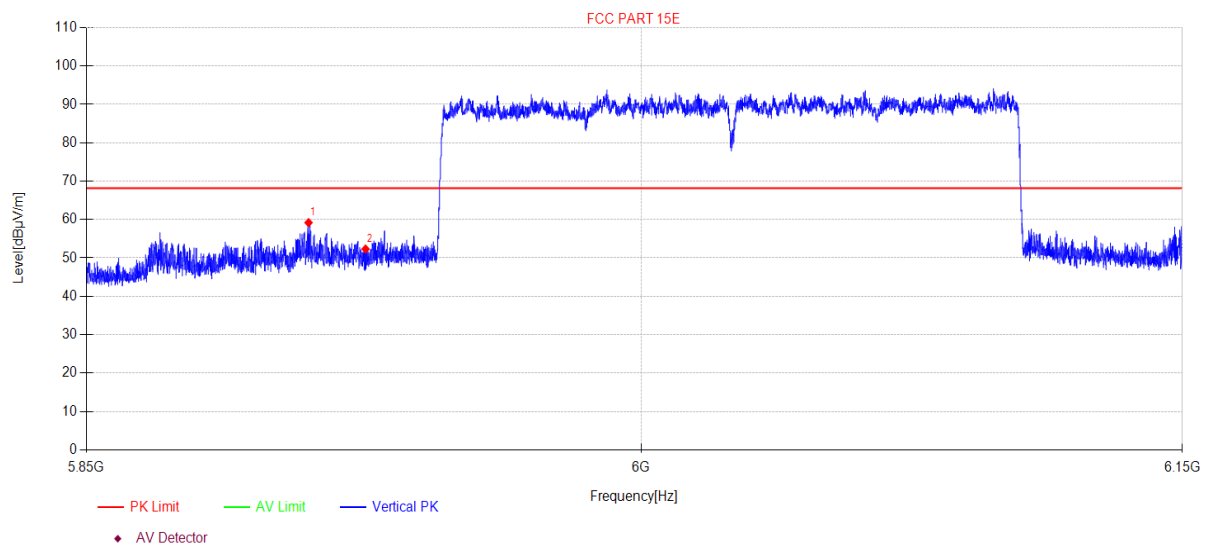


TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\92
Memo: 11BE160MIMO 6025

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5909.61	60.06	5.96	33.92	-40.74	59.20	68.20	9.00	PK	Vertical
2	5925.00	53.12	5.97	33.95	-40.73	52.31	68.20	15.89	PK	Vertical

Note:

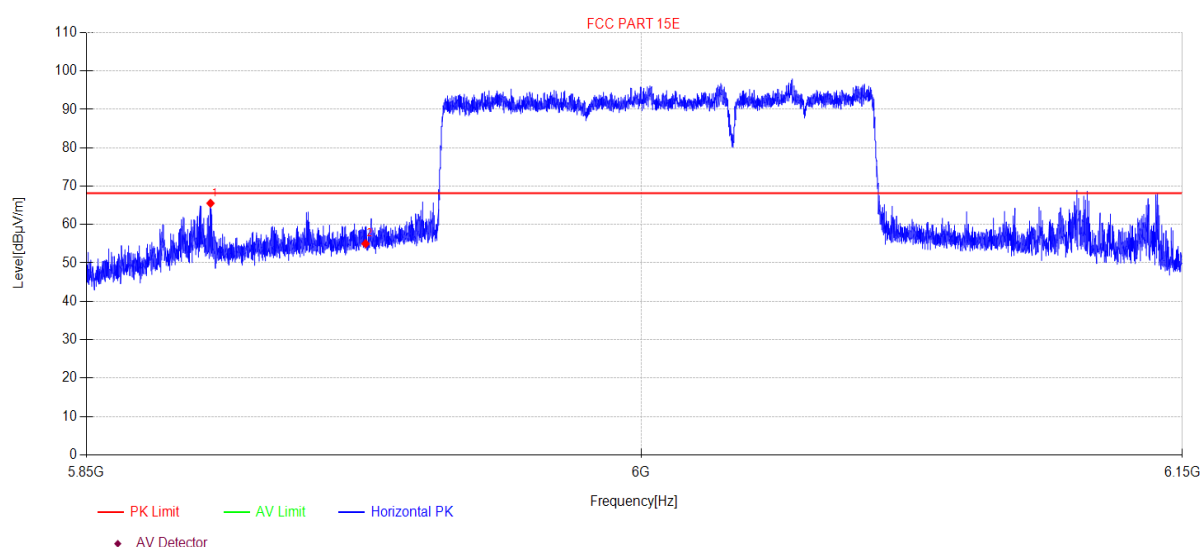
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\93
Memo: 11BE160MIMO 6025 MRU puncture40

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5883.24	66.47	5.95	33.87	-40.75	65.54	68.20	2.66	PK	Horizontal
2	5925.00	55.82	5.97	33.95	-40.73	55.01	68.20	13.19	PK	Horizontal

Note:

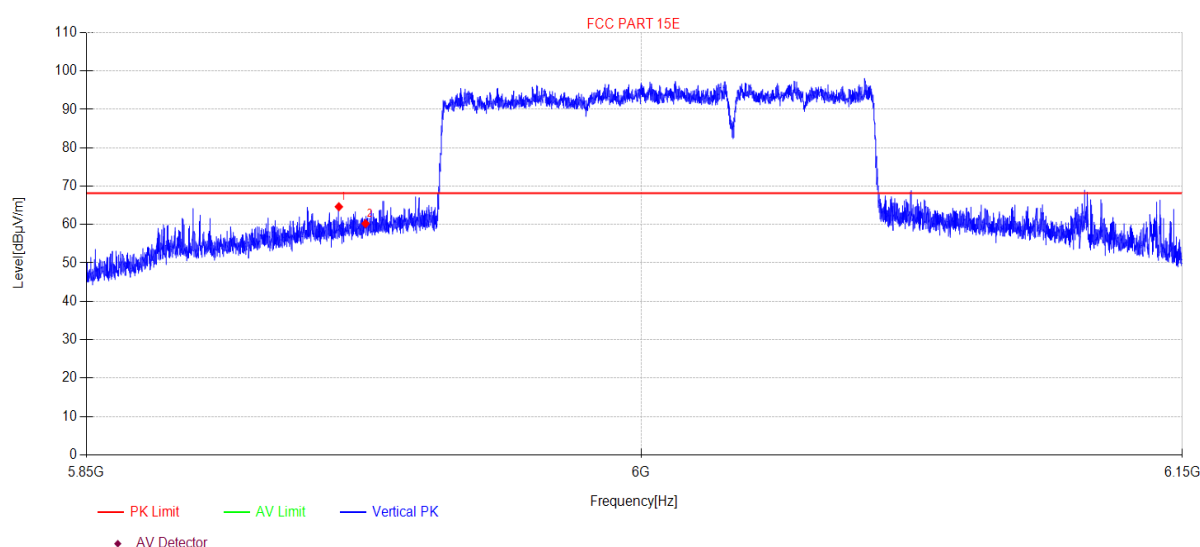
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\94
Memo: 11BE160MIMO 6025 MRU puncture40

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5917.80	65.45	5.97	33.94	-40.73	64.63	68.20	3.57	PK	Vertical
2	5925.00	61.06	5.97	33.95	-40.73	60.25	68.20	7.95	PK	Vertical

Note:

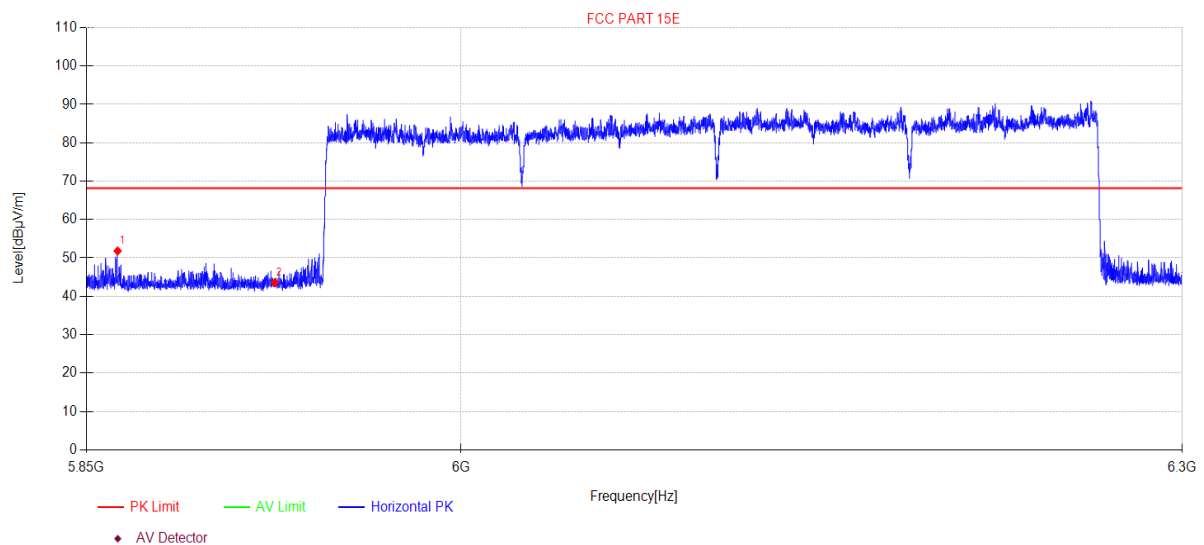
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\95
Memo: 11BE320MIMO 6105

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5862.38	52.82	5.94	33.82	-40.76	51.82	68.20	16.38	PK	Horizontal
2	5925.00	44.37	5.97	33.95	-40.73	43.56	68.20	24.64	PK	Horizontal

Note:

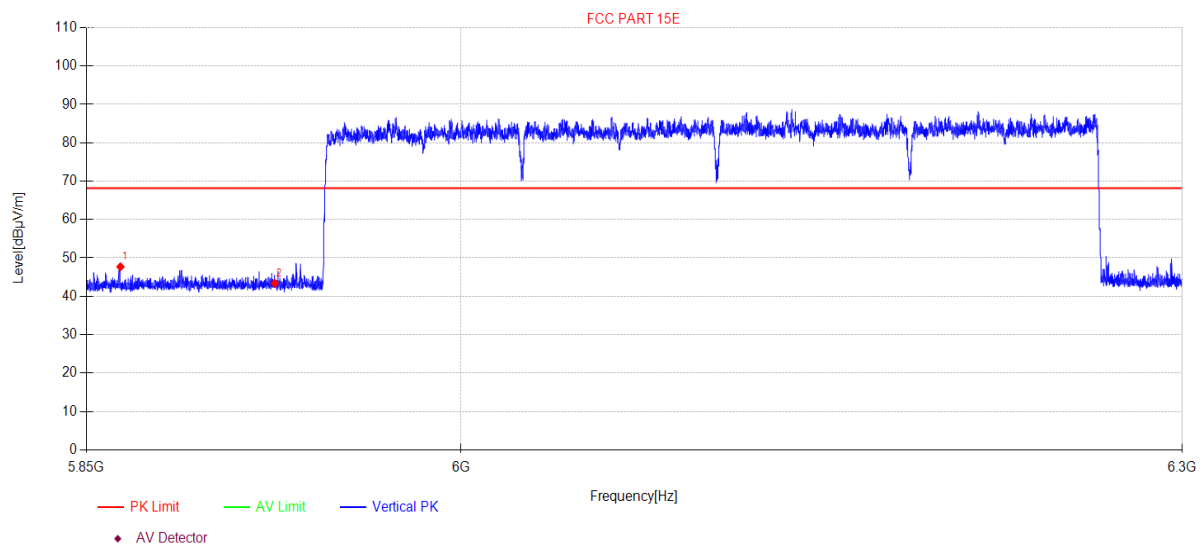
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\96
Memo: 11BE320MIMO 6105

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5863.50	48.66	5.94	33.83	-40.75	47.68	68.20	20.52	PK	Vertical
2	5925.00	44.19	5.97	33.95	-40.73	43.38	68.20	24.82	PK	Vertical

Note:

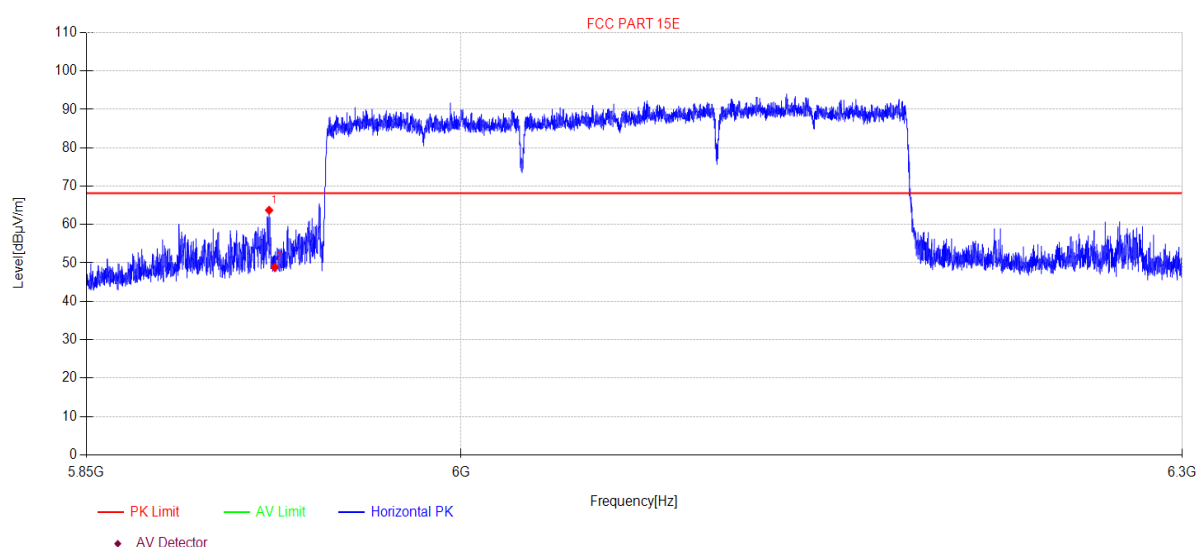
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\97
Memo: 11BE320MIMO 6105 MRU puncture80

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5922.77	64.53	5.97	33.95	-40.73	63.72	68.20	4.48	PK	Horizontal
2	5925.00	49.66	5.97	33.95	-40.73	48.85	68.20	19.35	PK	Horizontal

Note:

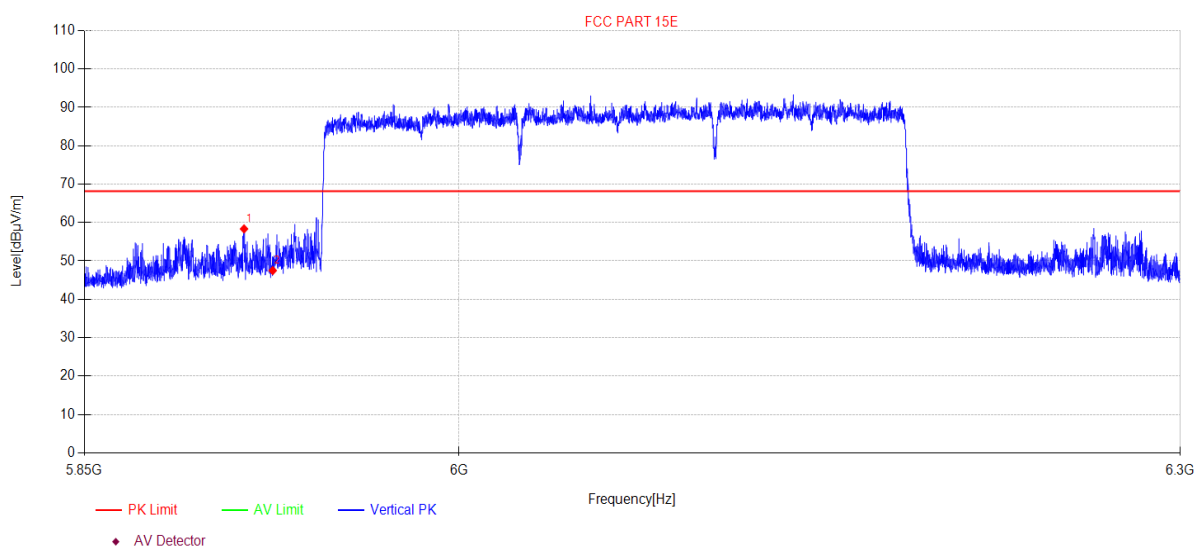
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\98
Memo: 11BE320MIMO 6105 MRU puncture80

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5913.50	59.17	5.97	33.93	-40.73	58.34	68.20	9.86	PK	Vertical
2	5925.00	48.30	5.97	33.95	-40.73	47.49	68.20	20.71	PK	Vertical

Note:

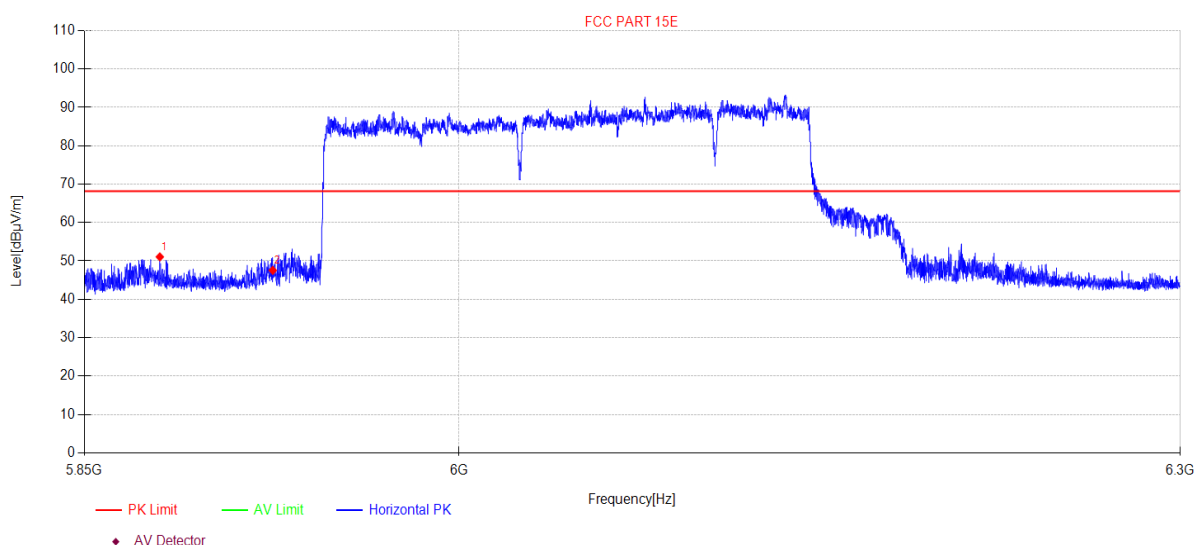
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-28
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\135
Memo: 11BE320MIMO 6105 puncture 80+40

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5879.93	51.99	5.95	33.86	-40.75	51.05	68.20	17.15	PK	Horizontal
2	5925.00	48.36	5.97	33.95	-40.73	47.55	68.20	20.65	PK	Horizontal

Note:

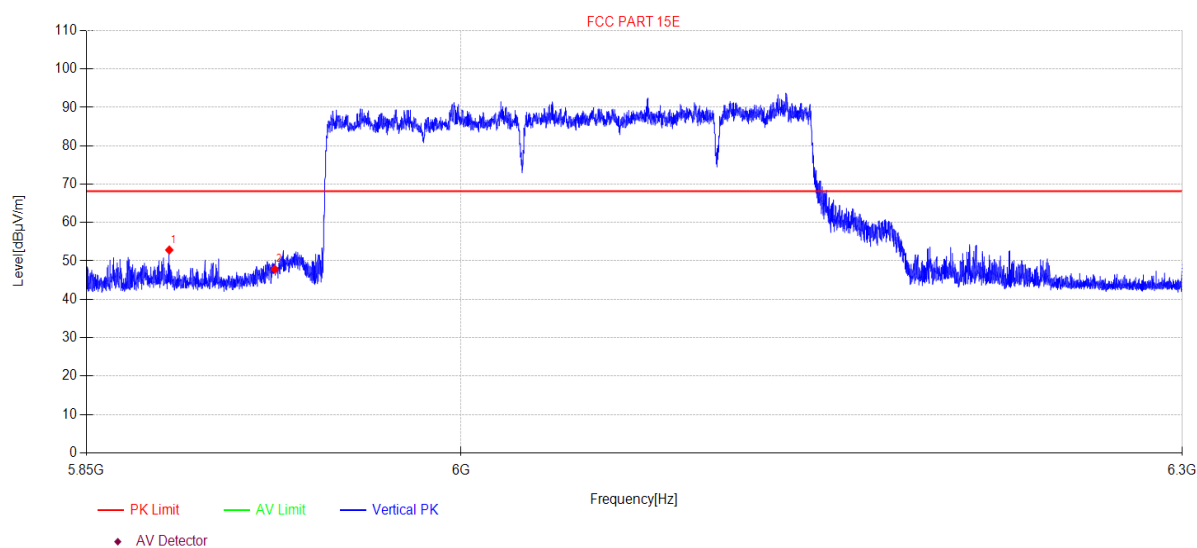
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-28
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\136
Memo: 11BE320MIMO 6105 puncture 80+40

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5882.90	53.77	5.95	33.87	-40.75	52.84	68.20	15.36	PK	Vertical
2	5925.00	48.64	5.97	33.95	-40.73	47.83	68.20	20.37	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2023-06-27

Tested By:

Bairong

EUT:

Wireless Access Point

Model Number:

RG-RAP73HD

Test Mode:

TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.9°C;Humi:54.2%

Test Site:

DDT 3# Chamber

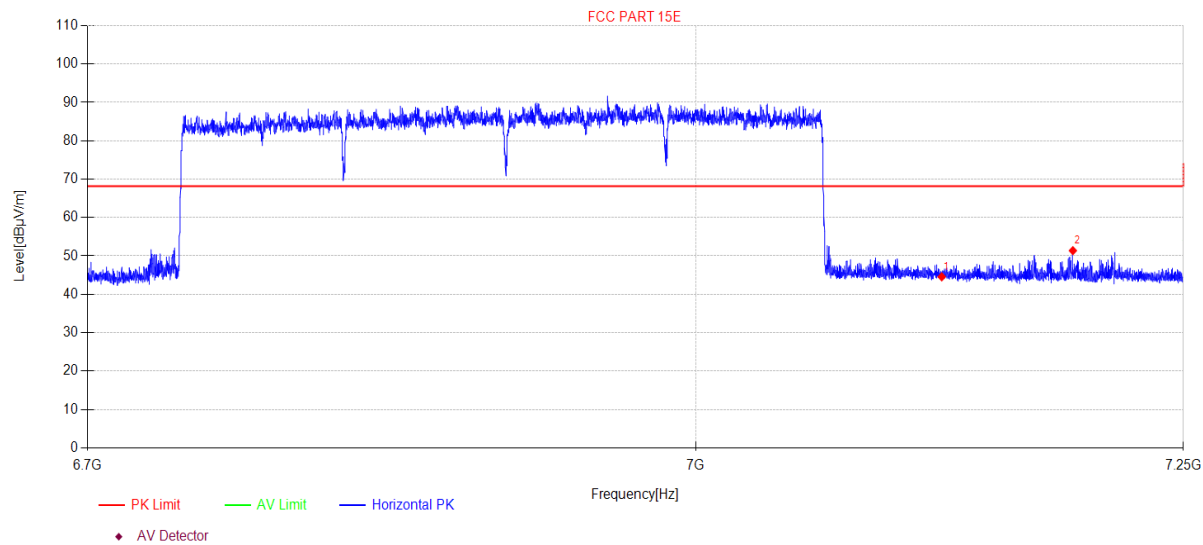
File Path:

d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\101

Memo:

11BE320MIMO 6905

Test Graph



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV /m]	Limit [dBμV /m]	Margin [dB]	Detector	Polarity
1	7125.00	42.59	6.61	36.35	-41.00	44.55	68.20	23.65	PK	Horizontal
2	7192.58	49.27	6.62	36.49	-41.00	51.38	68.20	16.82	PK	Horizontal

- Note:
1.

Level = Reading + Cable loss + Antenna Factor + AMP
2.

If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3.

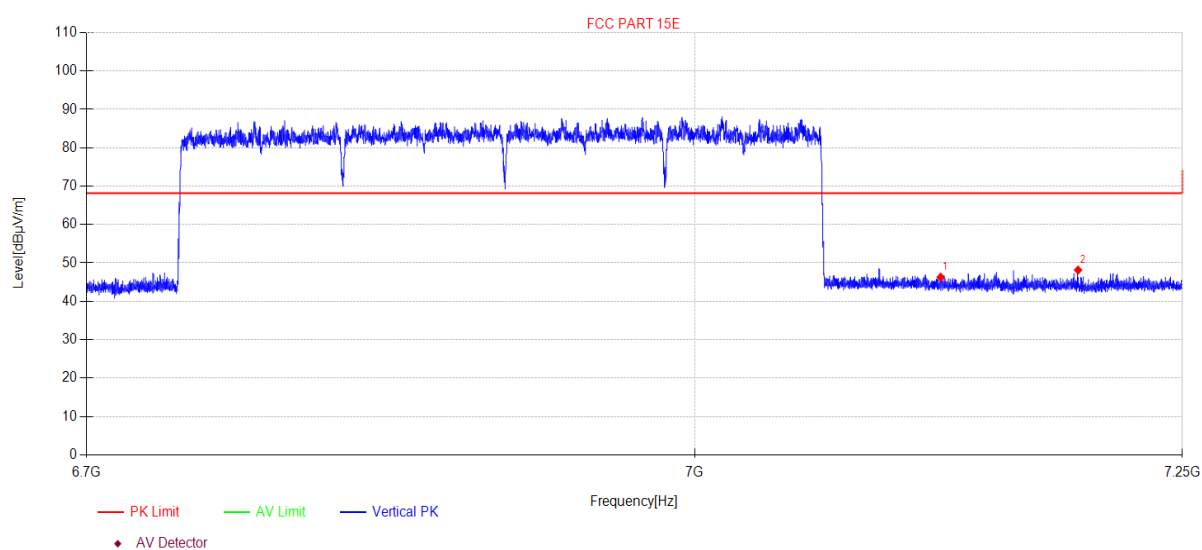
Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\102
Memo: 11BE320MIMO 6905

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	44.32	6.61	36.35	-41.00	46.28	68.20	21.92	PK	Vertical
2	7195.77	46.04	6.62	36.49	-41.00	48.15	68.20	20.05	PK	Vertical

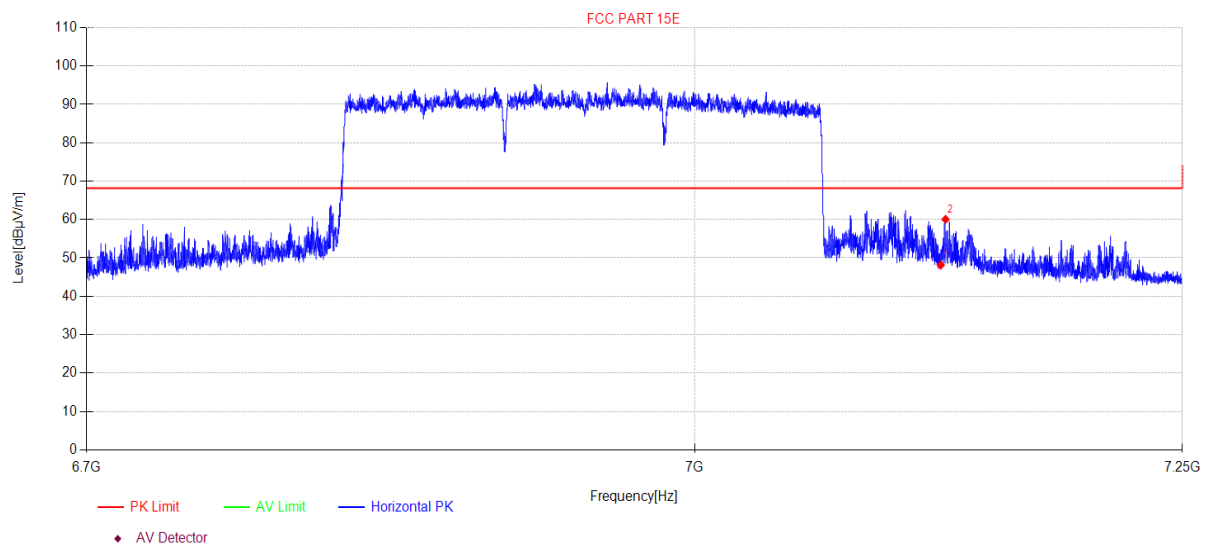
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
Tested By: Bairong
EUT: Wireless Access Point
Model Number: RG-RAP73HD
Test Mode: TX Mode
Power Supply: AC 120V/60Hz
Condition: Temp:22.9°C;Humi:54.2%
Test Site: DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\99
Memo: 11BE320MIMO 6905 MRU puncture80

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	46.17	6.61	36.35	-41.00	48.13	68.20	20.07	PK	Horizontal
2	7127.46	58.09	6.61	36.35	-41.00	60.05	68.20	8.15	PK	Horizontal

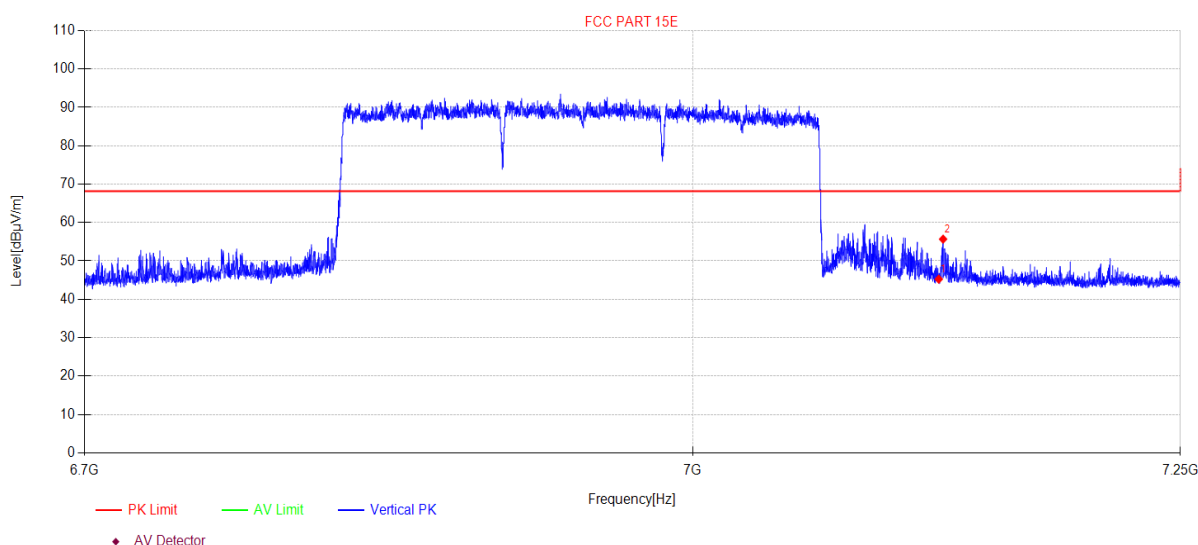
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27 **Tested By:** Bairong
EUT: Wireless Access Point **Model Number:** RG-RAP73HD
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.9°C;Humi:54.2% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\100
Memo: 11BE320MIMO 6905 MRU puncture80

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	43.29	6.61	36.35	-41.00	45.25	68.20	22.95	PK	Vertical
2	7127.24	53.72	6.61	36.35	-41.00	55.68	68.20	12.52	PK	Vertical

Note:

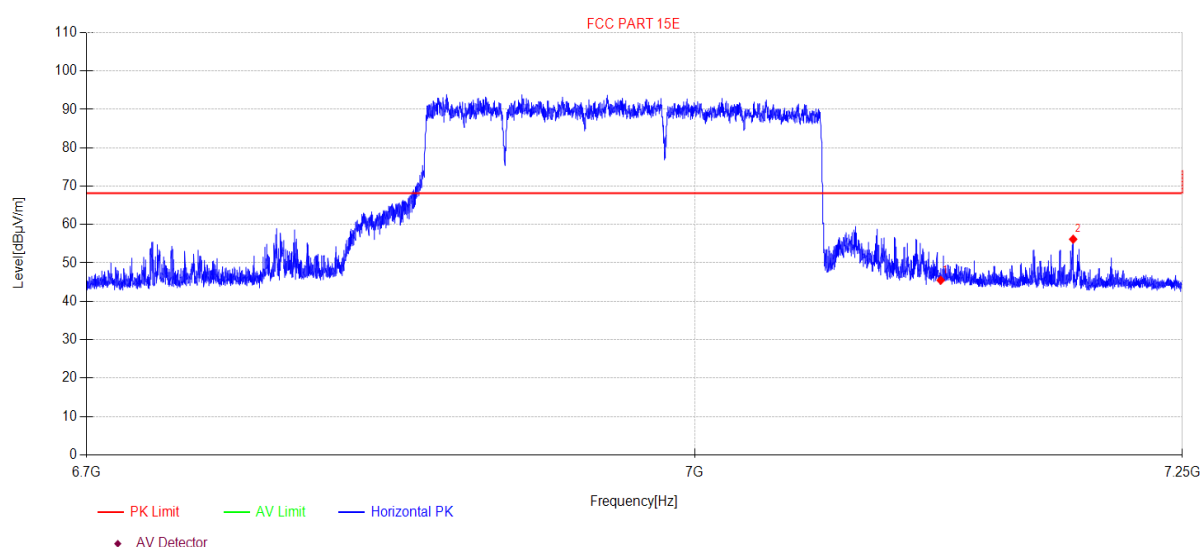
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-28
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\137
Memo: 11BE320MIMO 6905 puncture 80+40

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	43.52	6.61	36.35	-41.00	45.48	68.20	22.72	PK	Horizontal
2	7193.24	54.06	6.62	36.49	-41.00	56.17	68.20	12.03	PK	Horizontal

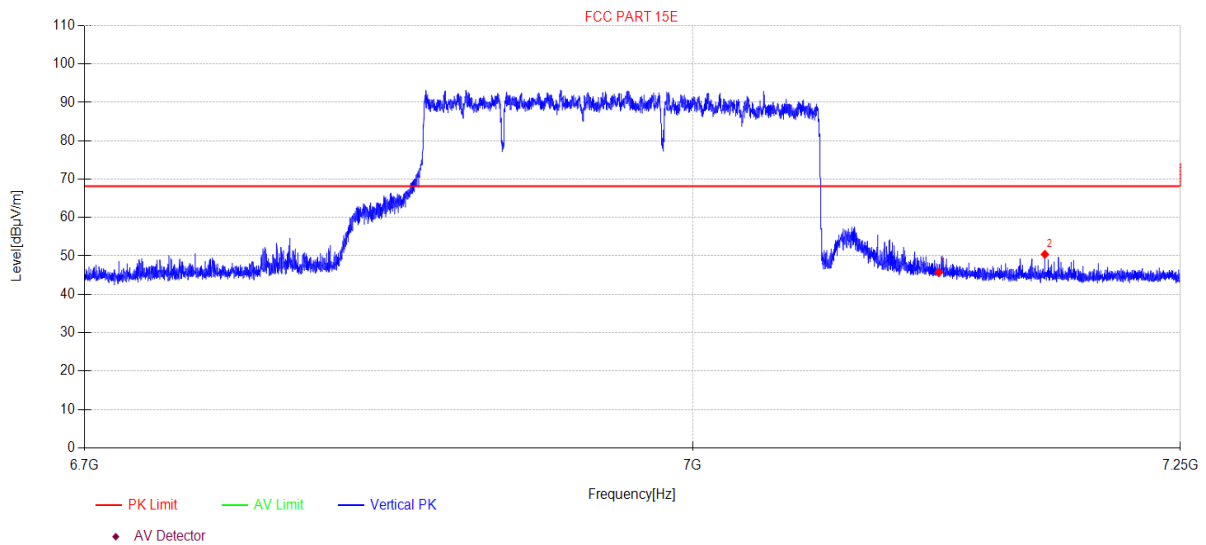
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-28 **Tested By:** Bairong
EUT: Wireless Access Point **Model Number:** RG-RAP73HD
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.9°C;Humi:54.2% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\138
Memo: 11BE320MIMO 6905 puncture 80+40

Test Graph



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	43.75	6.61	36.35	-41.00	45.71	68.20	22.49	PK	Vertical
2	7179.66	48.33	6.62	36.46	-41.00	50.41	68.20	17.79	PK	Vertical

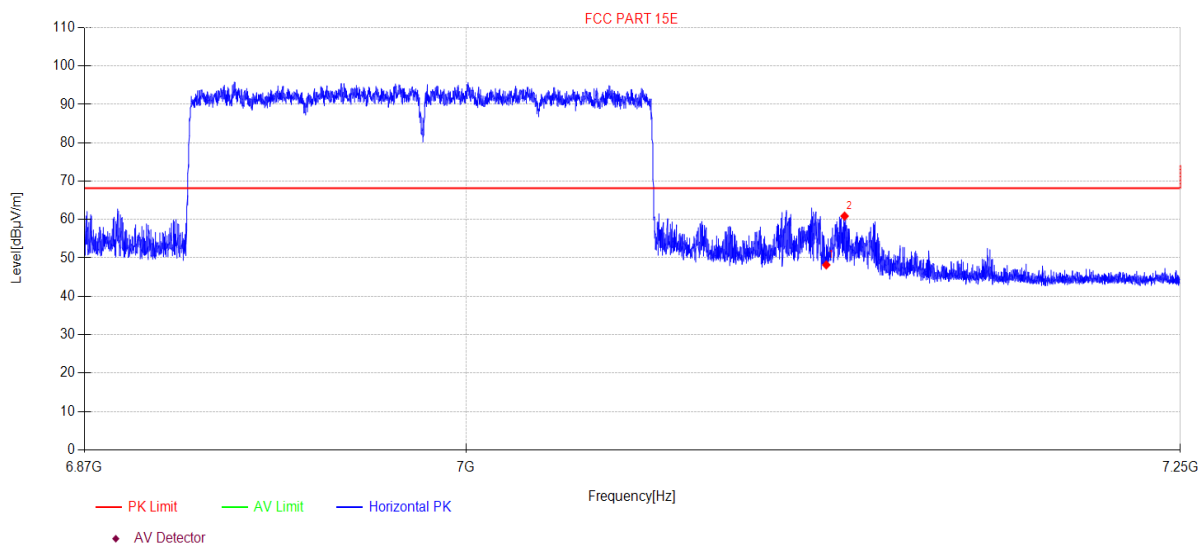
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27 **Tested By:** Bairong
EUT: Wireless Access Point **Model Number:** RG-RAP73HD
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.9°C;Humi:54.2% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\103
Memo: 11AX160MIMO 6985

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	46.22	6.61	36.35	-41.00	48.18	68.20	20.02	PK	Horizontal
2	7131.40	58.93	6.61	36.36	-41.00	60.90	68.20	7.30	PK	Horizontal

Note:

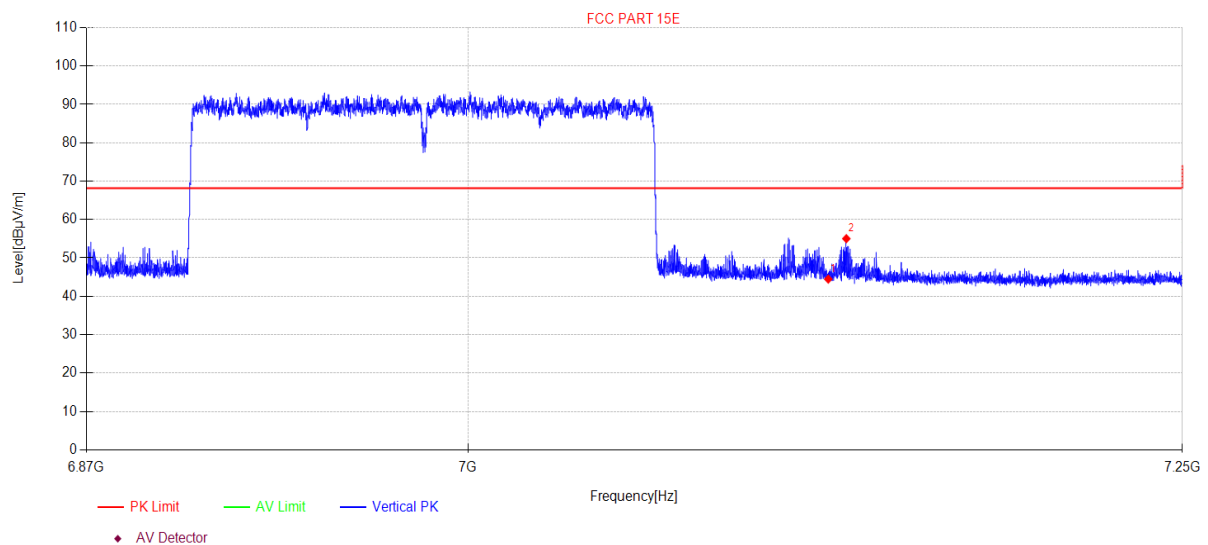
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\104
Memo: 11AX160MIMO 6985

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	42.52	6.61	36.35	-41.00	44.48	68.20	23.72	PK	Vertical
2	7131.33	53.05	6.61	36.36	-41.00	55.02	68.20	13.18	PK	Vertical

Note:

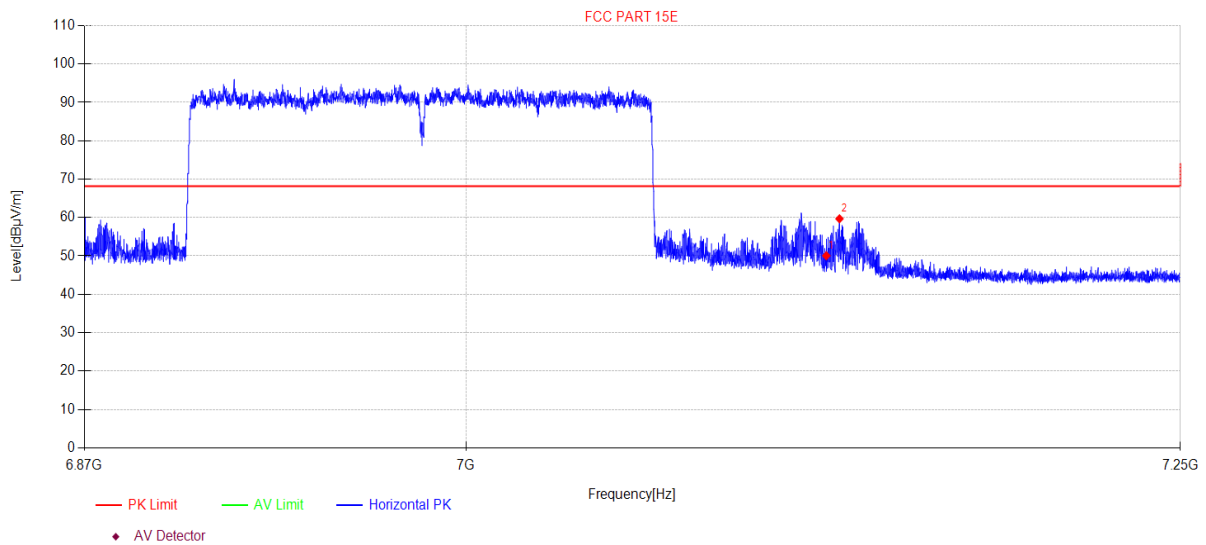
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\105
Memo: 11BE160MIMO 6985

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	48.09	6.61	36.35	-41.00	50.05	68.20	18.15	PK	Horizontal
2	7129.62	57.71	6.61	36.36	-41.00	59.68	68.20	8.52	PK	Horizontal

Note:

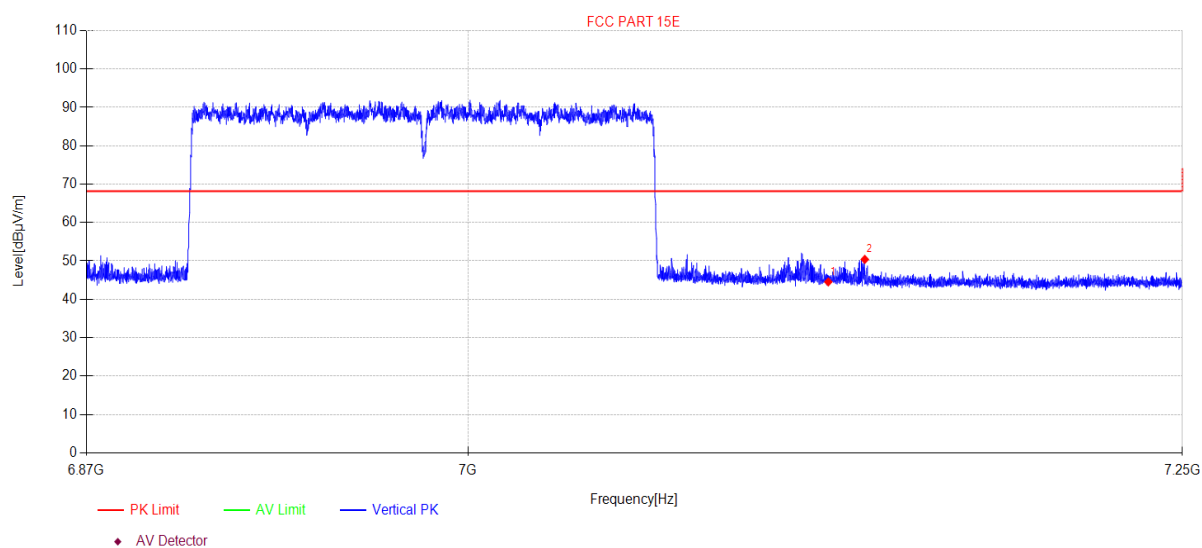
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\106
Memo: 11BE160MIMO 6985

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	42.58	6.61	36.35	-41.00	44.54	68.20	23.66	PK	Vertical
2	7137.79	48.40	6.61	36.38	-41.00	50.39	68.20	17.81	PK	Vertical

Note:

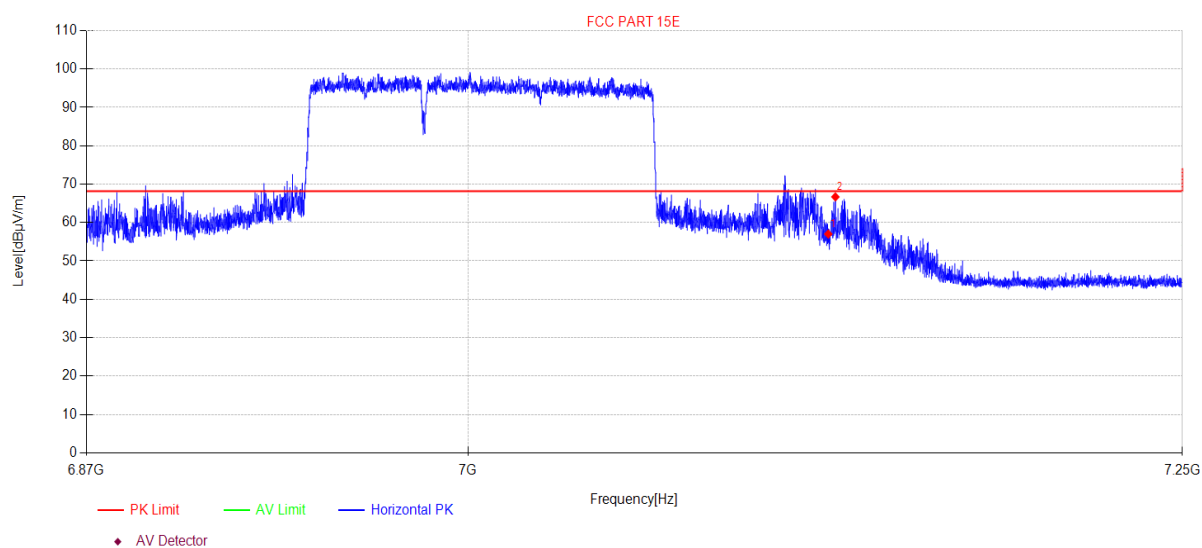
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\107
Memo: 11BE160MIMO 6985 MRU

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	55.04	6.61	36.35	-41.00	57.00	68.20	11.20	PK	Horizontal
2	7127.49	64.73	6.61	36.35	-41.00	66.69	68.20	1.51	PK	Horizontal

Note:

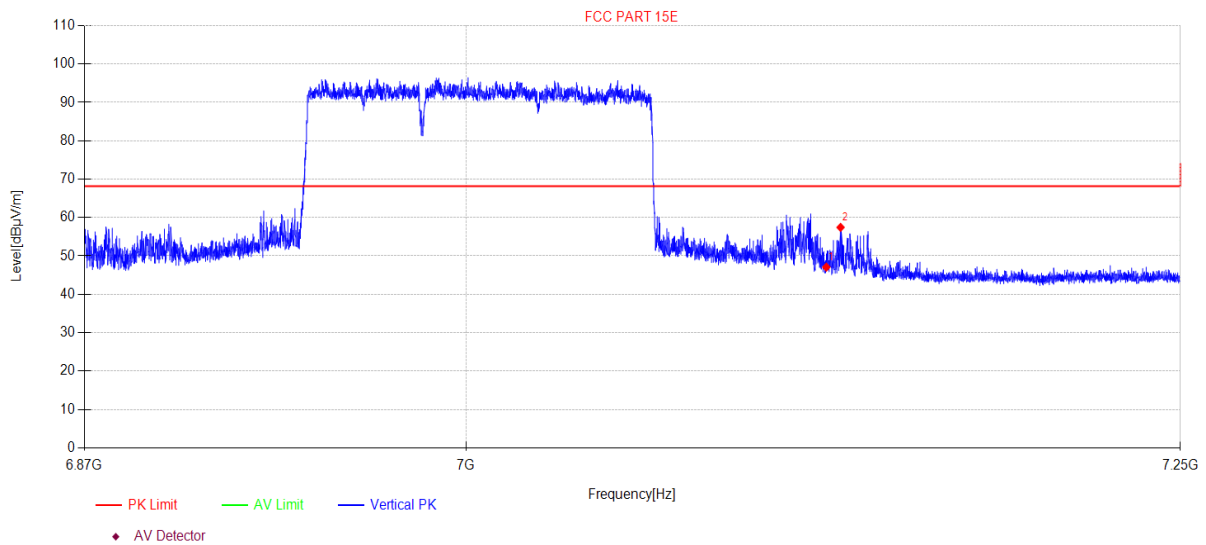
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\108
Memo: 11BE160MIMO 6985 MRU

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	45.11	6.61	36.35	-41.00	47.07	68.20	21.13	PK	Vertical
2	7130.00	55.47	6.61	36.36	-41.00	57.44	68.20	10.76	PK	Vertical

Note:

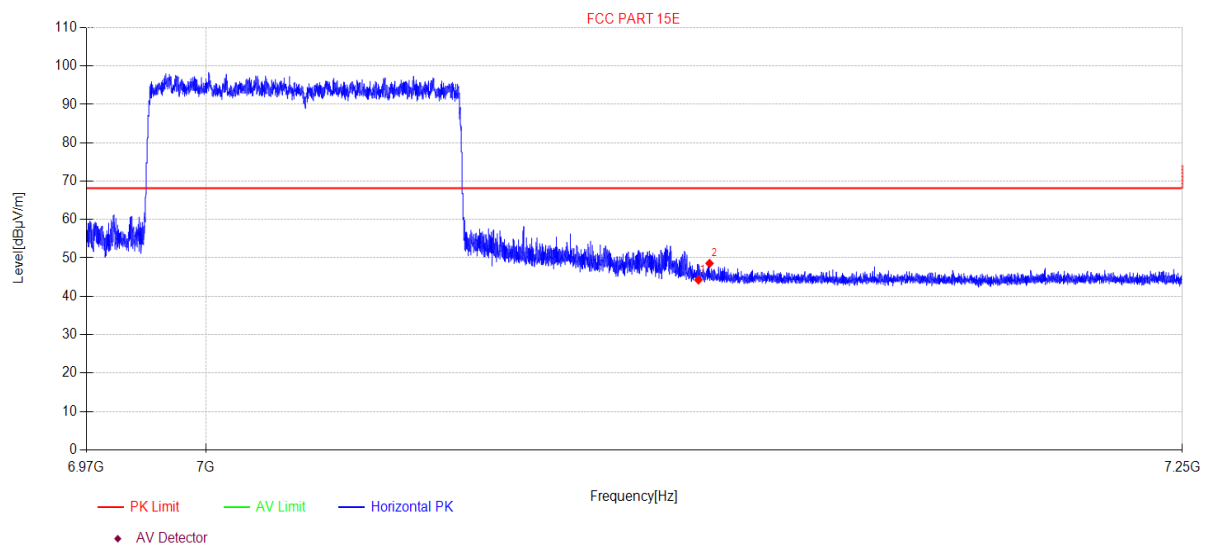
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\109
Memo: 11AX80MIMO 7025

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	42.29	6.61	36.35	-41.00	44.25	68.20	23.95	PK	Horizontal
2	7127.86	46.61	6.61	36.36	-41.00	48.58	68.20	19.62	PK	Horizontal

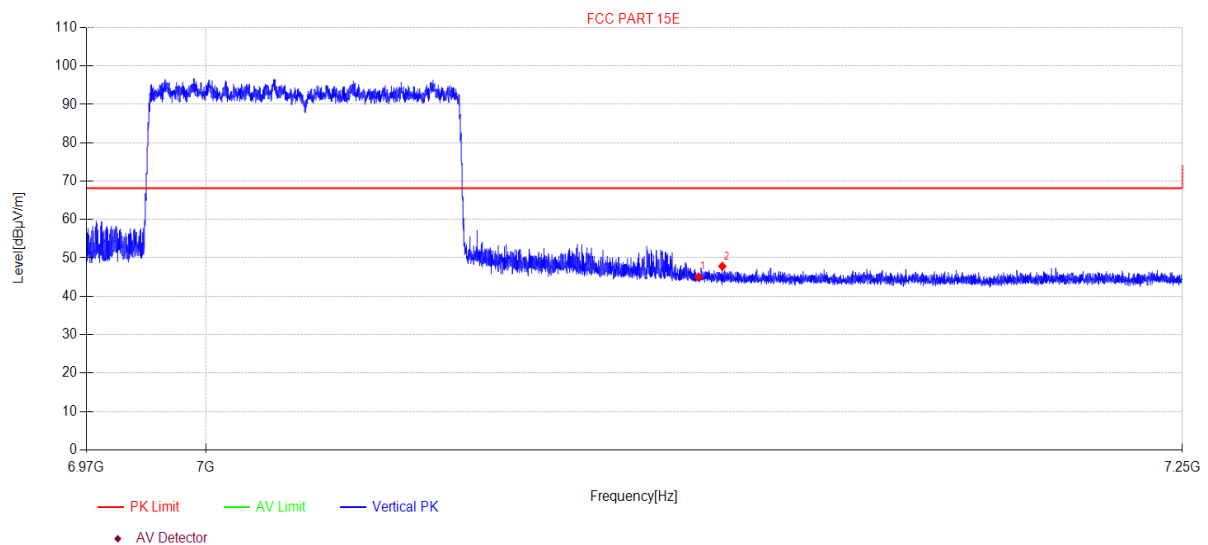
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27 **Tested By:** Bairong
EUT: Wireless Access Point **Model Number:** RG-RAP73HD
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.9°C;Humi:54.2% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\110
Memo: 11AX80MIMO 7025

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	43.10	6.61	36.35	-41.00	45.06	68.20	23.14	PK	Vertical
2	7131.14	45.84	6.61	36.36	-41.00	47.81	68.20	20.39	PK	Vertical

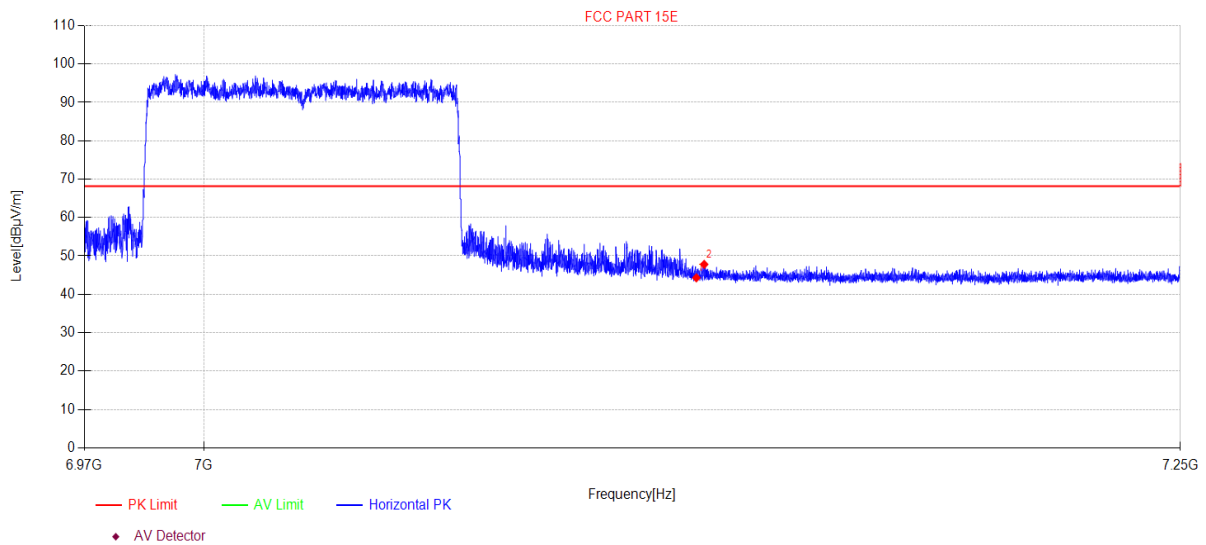
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27 **Tested By:** Bairong
EUT: Wireless Access Point **Model Number:** RG-RAP73HD
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.9°C;Humi:54.2% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\111
Memo: 11BE80MIMO 7025

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	42.33	6.61	36.35	-41.00	44.29	68.20	23.91	PK	Horizontal
2	7127.00	45.84	6.61	36.35	-41.00	47.80	68.20	20.40	PK	Horizontal

Note:

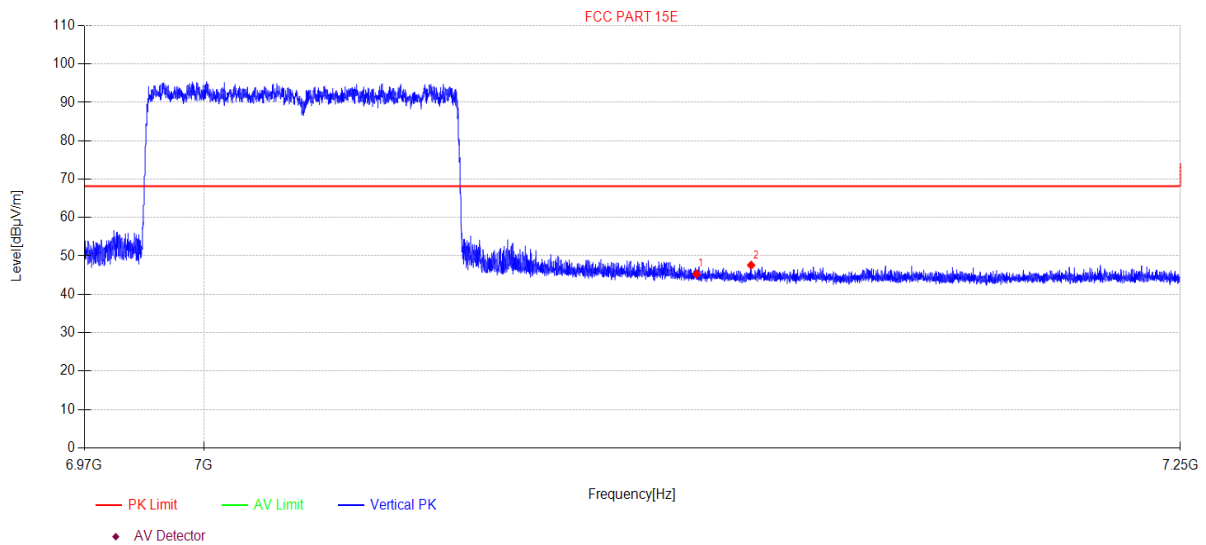
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\112
Memo: 11BE80MIMO 7025

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	43.33	6.61	36.35	-41.00	45.29	68.20	22.91	PK	Vertical
2	7139.04	45.59	6.61	36.38	-41.00	47.58	68.20	20.62	PK	Vertical

Note:

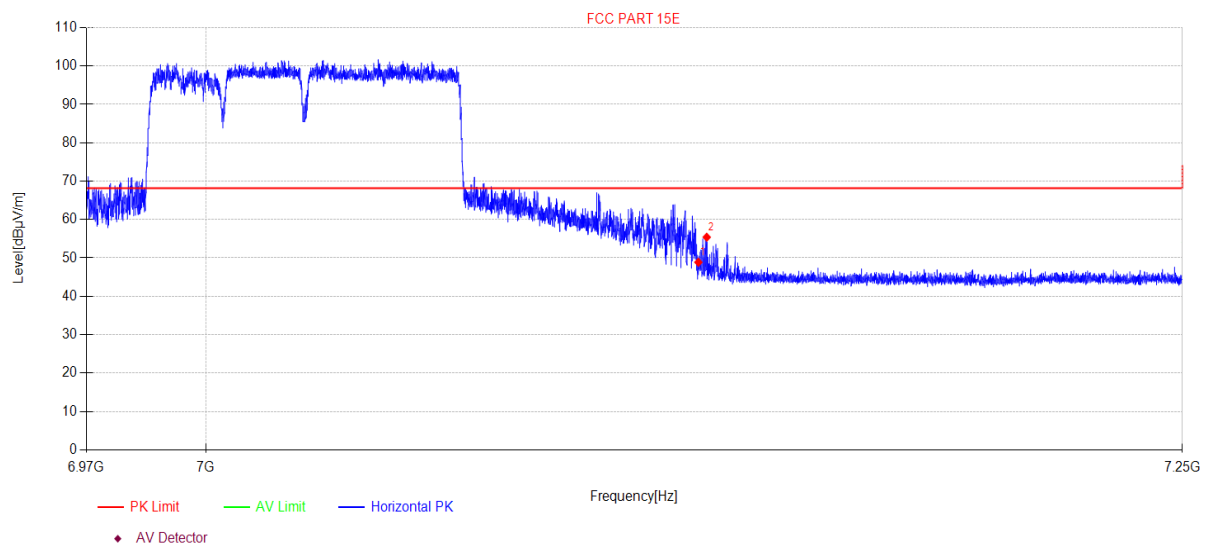
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\113
Memo: 11BE80MIMO 7025 RU66+RU62

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	46.91	6.61	36.35	-41.00	48.87	68.20	19.33	PK	Horizontal
2	7127.14	53.44	6.61	36.35	-41.00	55.40	68.20	12.80	PK	Horizontal

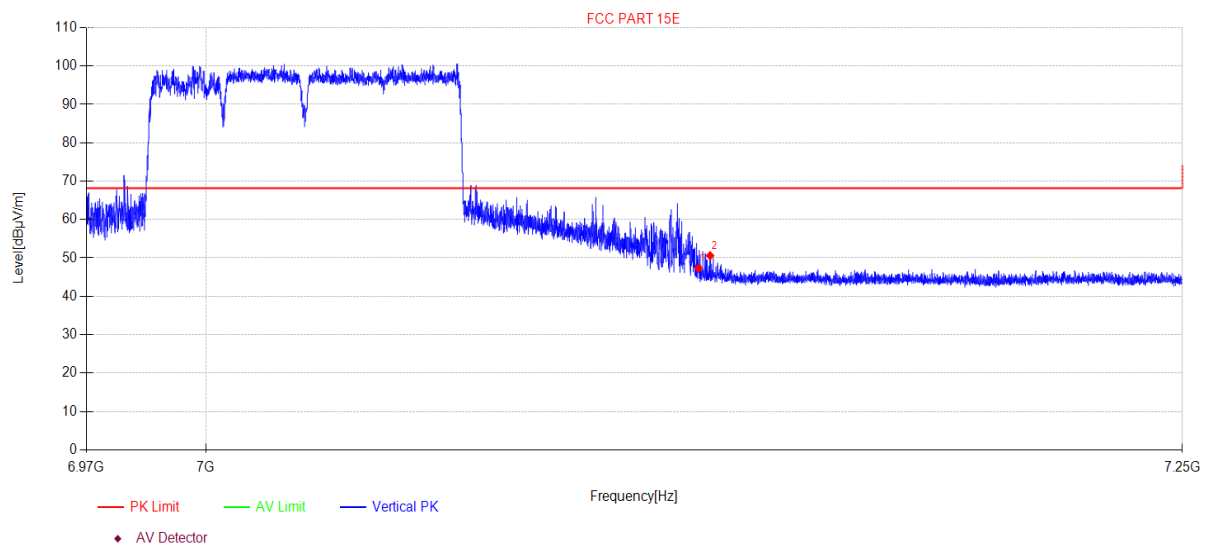
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27 **Tested By:** Bairong
EUT: Wireless Access Point **Model Number:** RG-RAP73HD
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.9°C;Humi:54.2% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\114
Memo: 11BE80MIMO 7025 RU66+RU62

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	45.32	6.61	36.35	-41.00	47.28	68.20	20.92	PK	Vertical
2	7128.00	48.63	6.61	36.36	-41.00	50.60	68.20	17.60	PK	Vertical

Note:

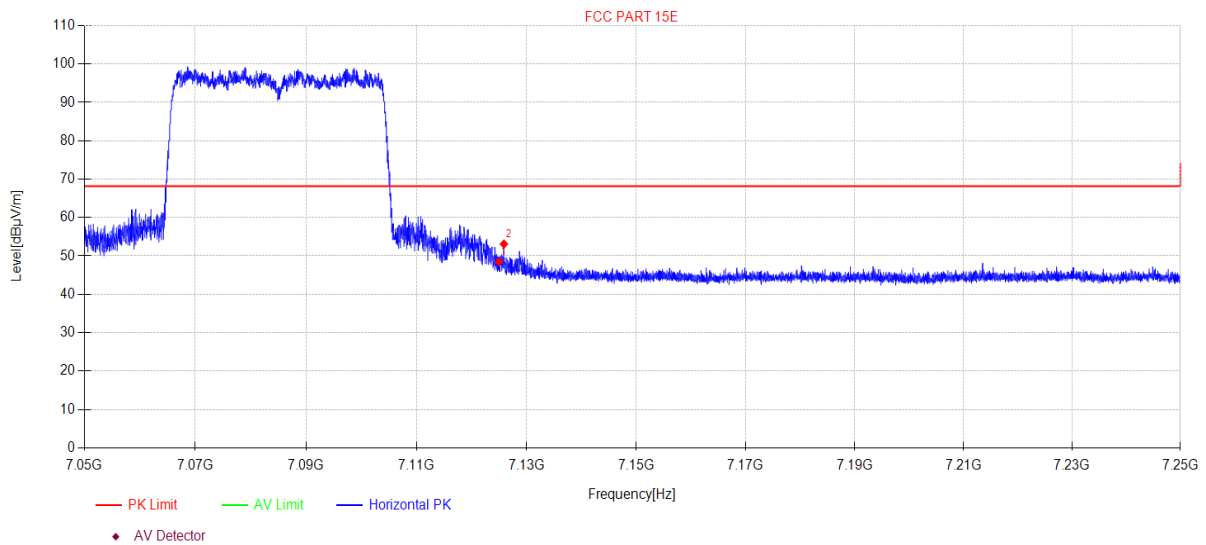
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\115
Memo: 11AX40MIMO 7085

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	46.53	6.61	36.35	-41.00	48.49	68.20	19.71	PK	Horizontal
2	7125.90	51.13	6.61	36.35	-41.00	53.09	68.20	15.11	PK	Horizontal

Note:

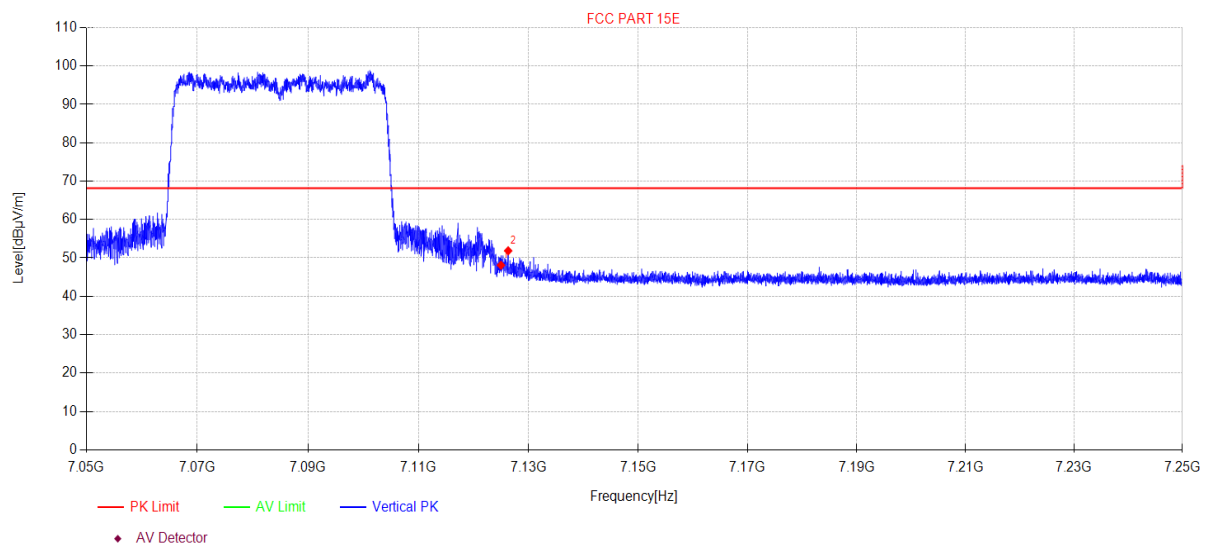
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\116
Memo: 11AX40MIMO 7085

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	46.14	6.61	36.35	-41.00	48.10	68.20	20.10	PK	Vertical
2	7126.32	49.90	6.61	36.35	-41.00	51.86	68.20	16.34	PK	Vertical

Note:

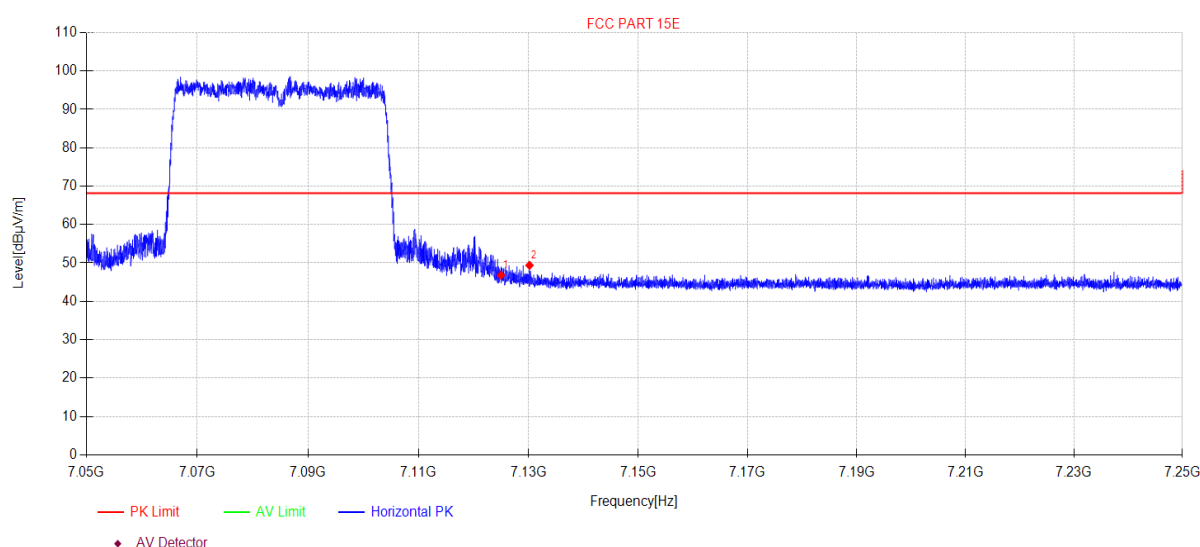
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\117
Memo: 11BE40MIMO 7085

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	44.84	6.61	36.35	-41.00	46.80	68.20	21.40	PK	Horizontal
2	7130.20	47.40	6.61	36.36	-41.00	49.37	68.20	18.83	PK	Horizontal

Note:

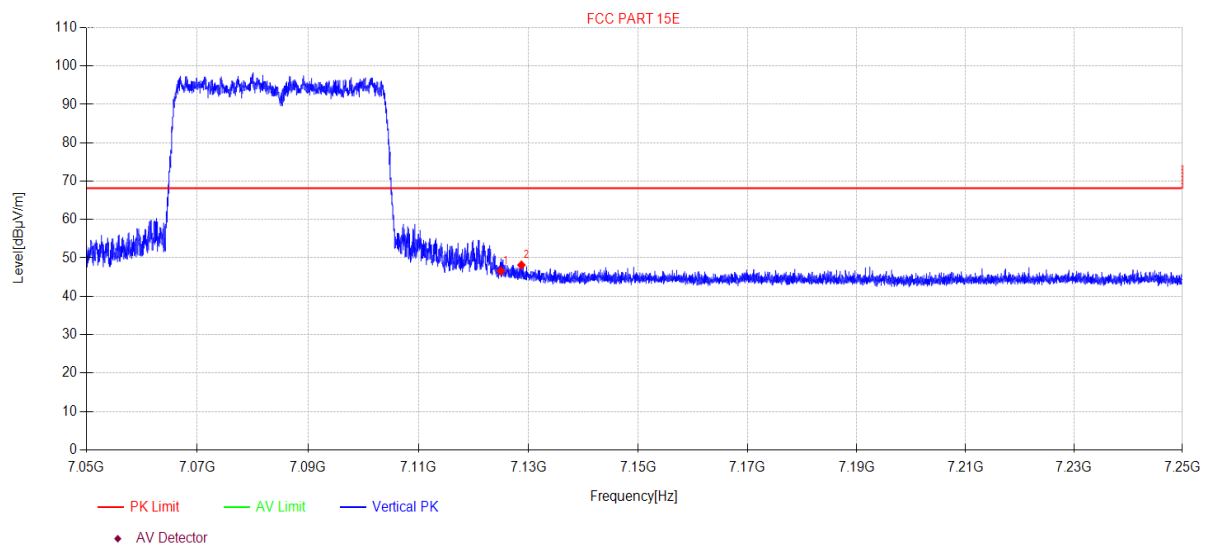
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\118
Memo: 11BE40MIMO 7085

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	44.62	6.61	36.35	-41.00	46.58	68.20	21.62	PK	Vertical
2	7128.72	46.17	6.61	36.36	-41.00	48.14	68.20	20.06	PK	Vertical

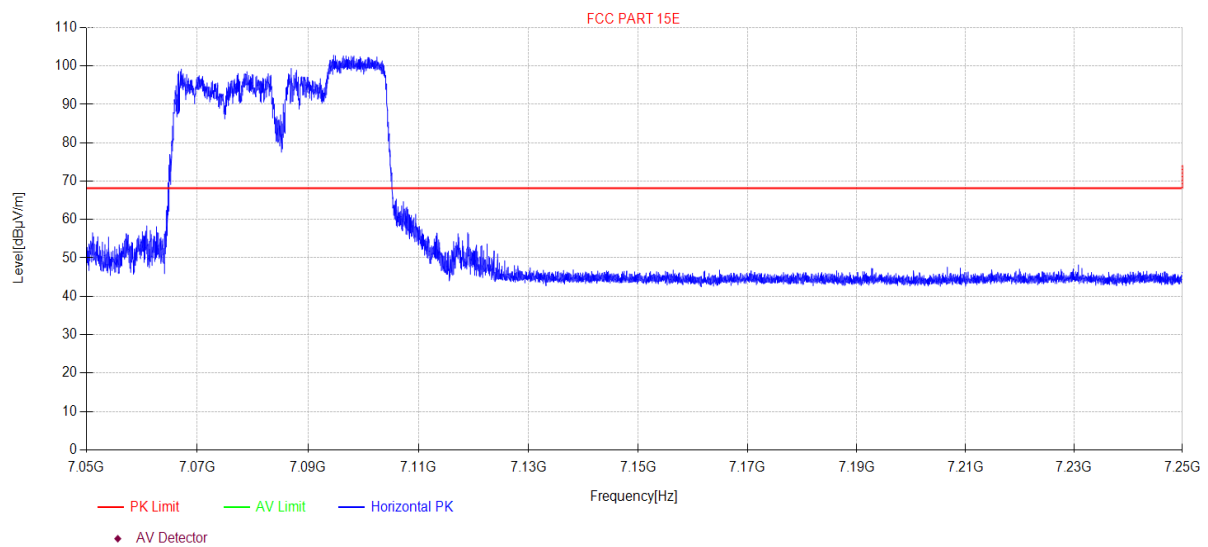
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:	2023-06-27	Tested By:	Bairong
EUT:	Wireless Access Point	Model Number:	RG-RAP73HD
Test Mode:	TX Mode	Power Supply:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:54.2%	Test Site:	DDT 3# Chamber
File Path:	d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\119		
Memo:	11BE40MIMO 7085 RU65+RU13		

Test Graph



Note:

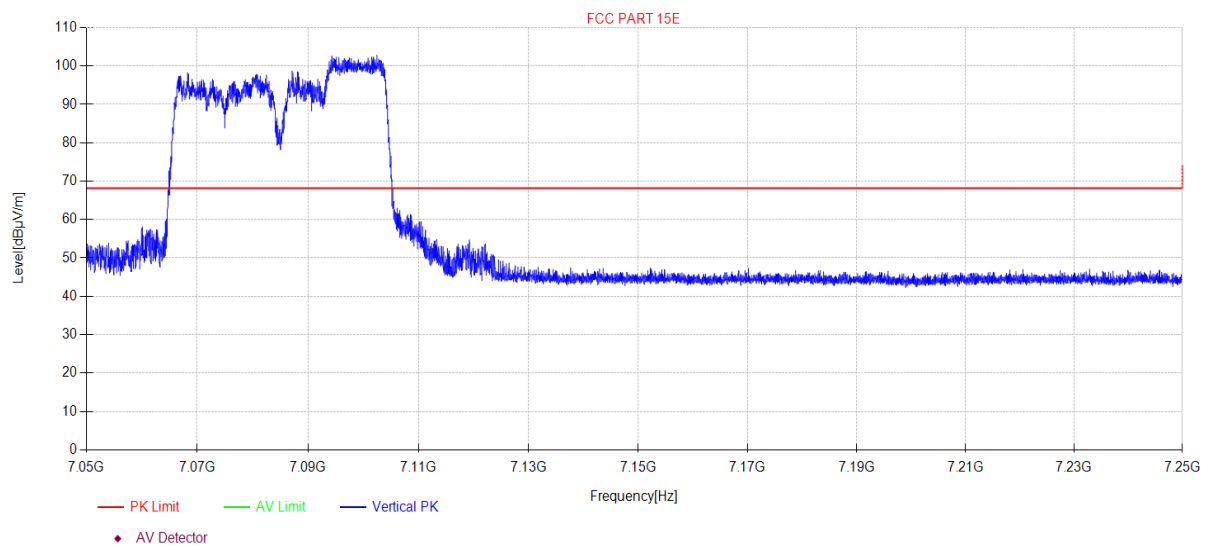
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-06-27
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\120
Memo: 11BE40MIMO 7085 RU65+RU13

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



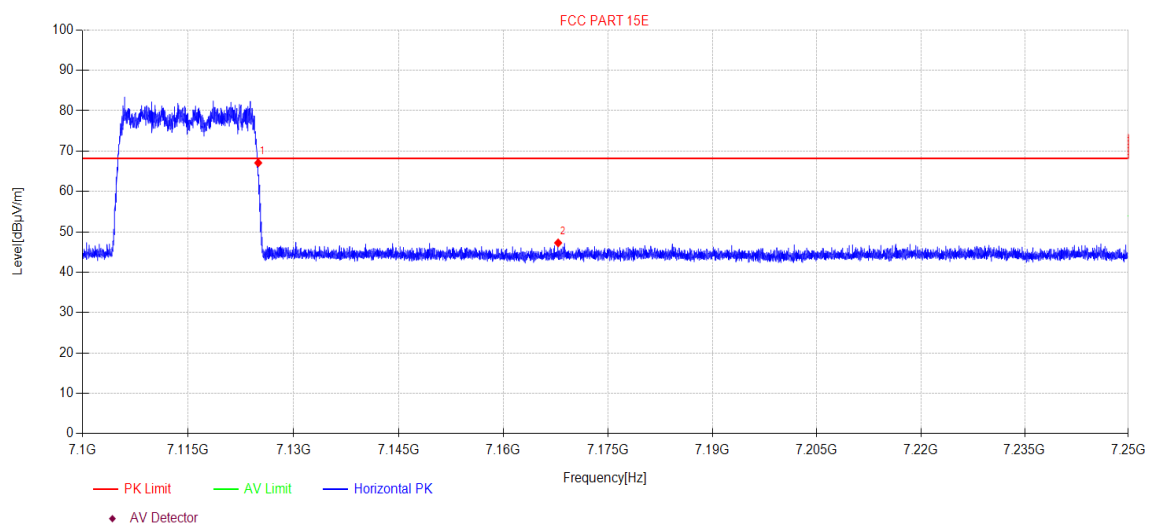
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-07-03 **Tested By:** Bairong
EUT: Wireless Access Point **Model Number:** RG-RAP73HD
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.9°C;Humi:54.2% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\145
Memo: 11AX20MIMO 7115

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	65.12	6.61	36.35	-41.00	67.08	68.20	1.12	PK	Horizontal
2	7167.85	45.21	6.62	36.44	-41.00	47.27	68.20	20.93	PK	Horizontal

Note:

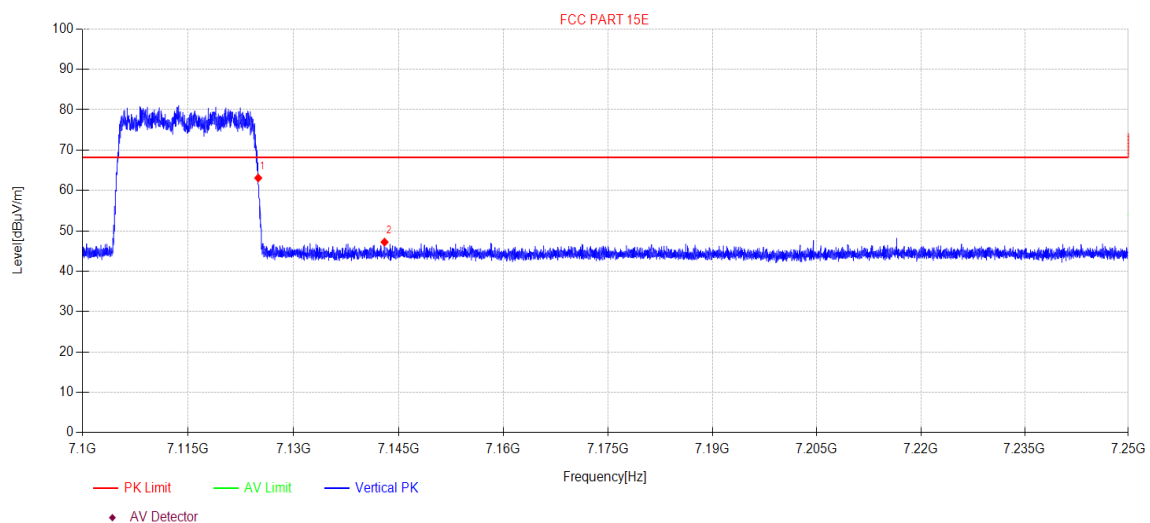
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-07-03
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\146
Memo: 11AX20MIMO 7115

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	61.13	6.61	36.35	-41.00	63.09	68.20	5.11	PK	Vertical
2	7143.02	45.21	6.61	36.39	-41.00	47.21	68.20	20.99	PK	Vertical

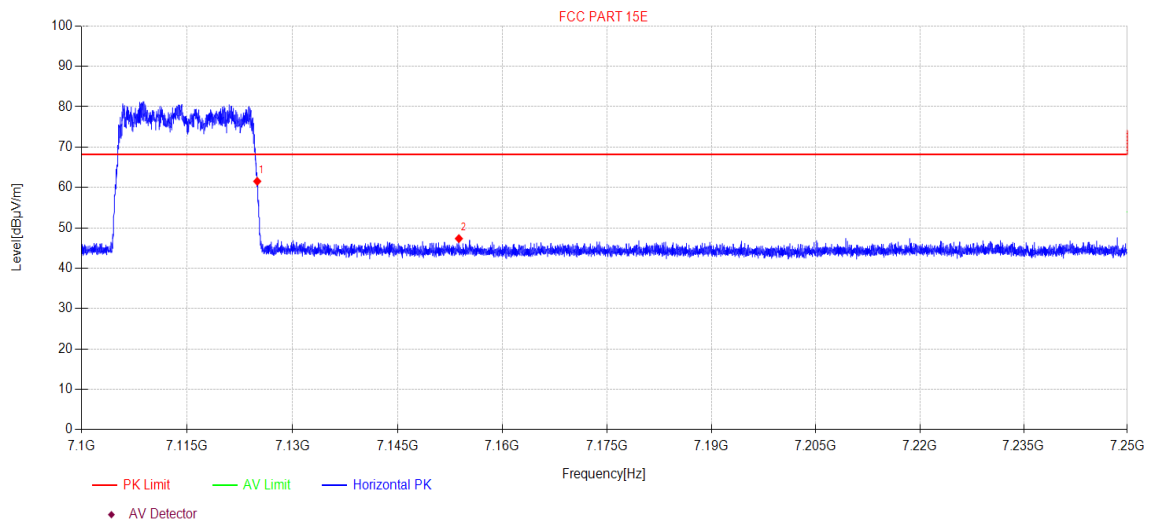
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-07-03
Tested By: Bairong
EUT: Wireless Access Point
Model Number: RG-RAP73HD
Test Mode: TX Mode
Power Supply: AC 120V/60Hz
Condition: Temp:22.9°C;Humi:54.2%
Test Site: DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\147
Memo: 11BE20MIMO 7115

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	59.57	6.61	36.35	-41.00	61.53	68.20	6.67	PK	Horizontal
2	7153.78	45.31	6.62	36.41	-41.00	47.34	68.20	20.86	PK	Horizontal

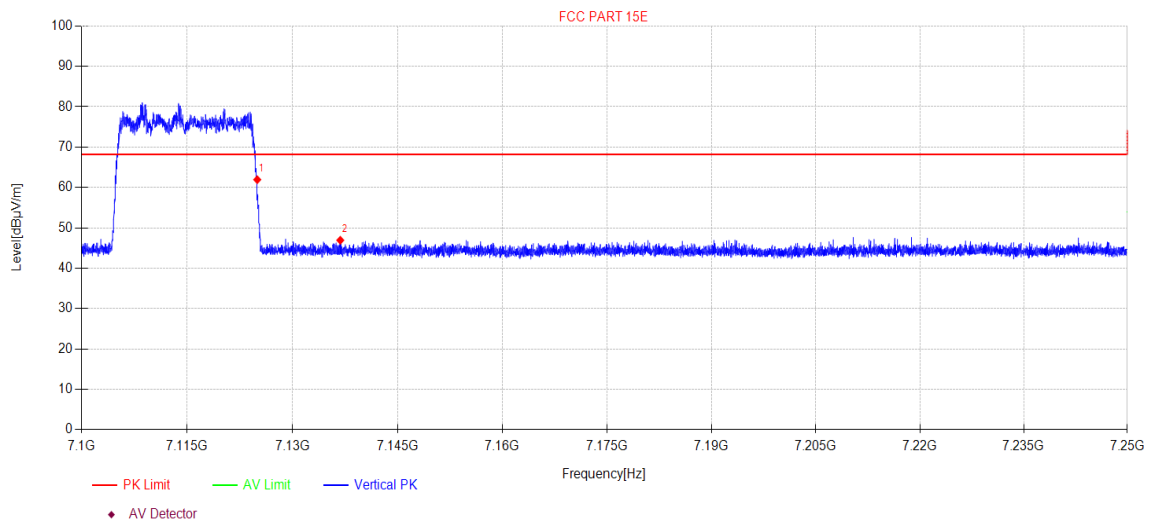
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-07-03
Tested By: Bairong
EUT: Wireless Access Point
Model Number: RG-RAP73HD
Test Mode: TX Mode
Power Supply: AC 120V/60Hz
Condition: Temp:22.9°C;Humi:54.2%
Test Site: DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\148
Memo: 11BE20MIMO 7115

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	59.97	6.61	36.35	-41.00	61.93	68.20	6.27	PK	Vertical
2	7136.84	44.95	6.61	36.37	-41.00	46.93	68.20	21.27	PK	Vertical

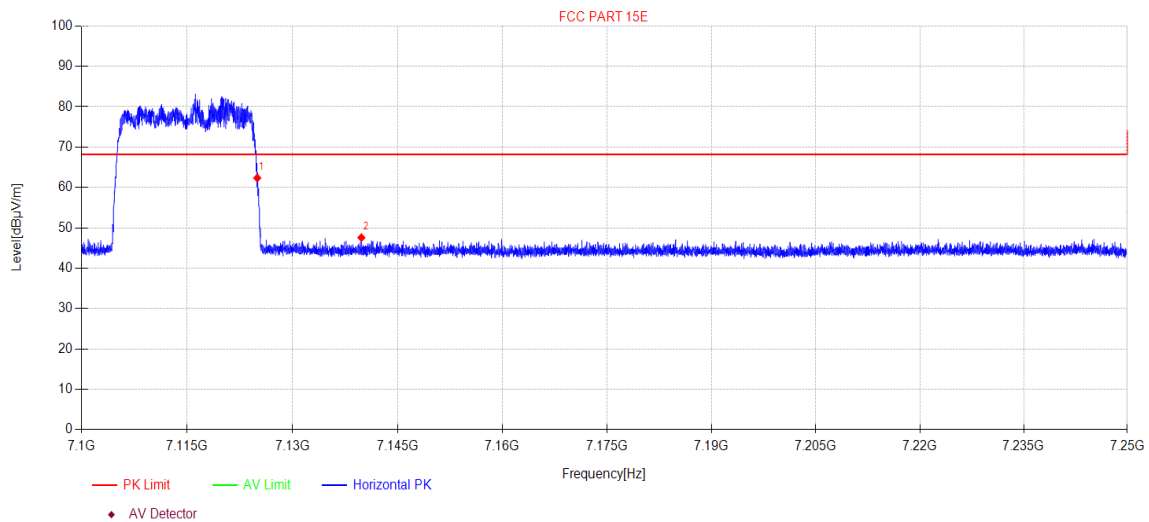
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-07-03
Tested By: Bairong
EUT: Wireless Access Point
Model Number: RG-RAP73HD
Test Mode: TX Mode
Power Supply: AC 120V/60Hz
Condition: Temp:22.9°C;Humi:54.2%
Test Site: DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\149
Memo: 11BE20MIMO 7115 RU39+RU7

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	60.39	6.61	36.35	-41.00	62.35	68.20	5.85	PK	Horizontal
2	7139.86	45.58	6.61	36.38	-41.00	47.57	68.20	20.63	PK	Horizontal

Note:

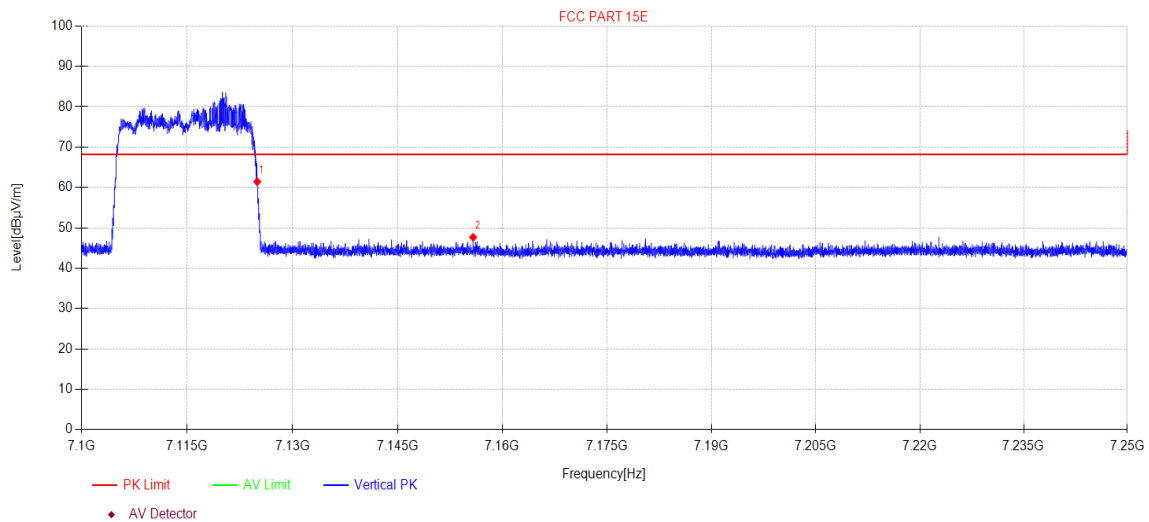
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-07-03
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.9°C;Humi:54.2%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G 6G\150
Memo: 11BE20MIMO 7115 RU39+RU7

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

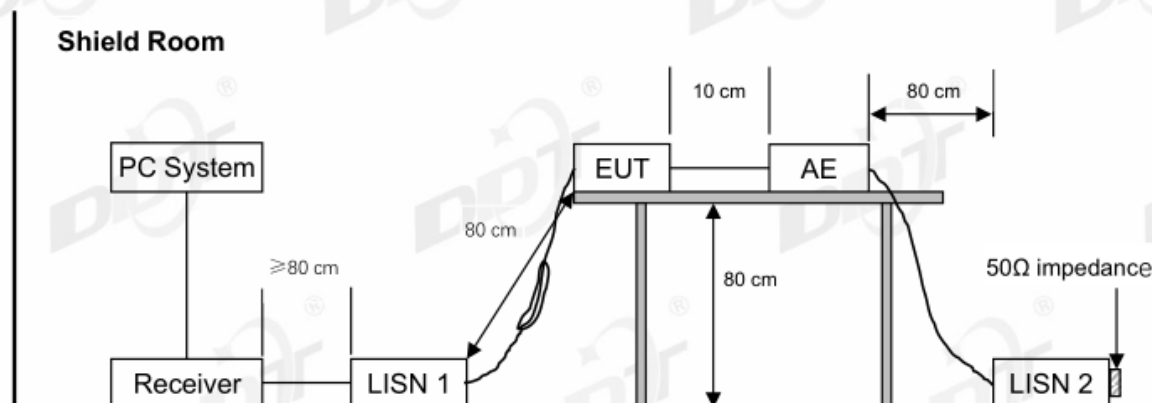
NO.	Freq. [MHz]	Reading [dBμV/m]	Cable loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.00	59.47	6.61	36.35	-41.00	61.43	68.20	6.77	PK	Vertical
2	7155.82	45.62	6.62	36.41	-41.00	47.65	68.20	20.55	PK	Vertical

Note:

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

13. Power Line Conducted Emission

13.1. Block diagram of test setup



13.2. Power Line Conducted Emission Limits

Frequency	Quasi-Peak Level dB(μ V)	Average Level dB(μ V)
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.

13.3. Test Procedure

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

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 30 MHz 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 2.4 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.

13.4. 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

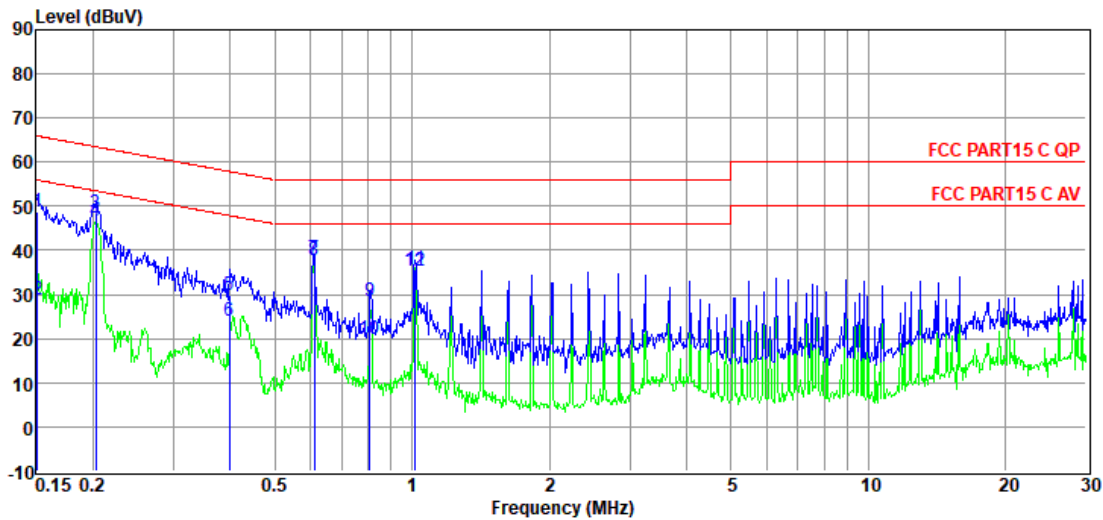
Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded worse case.

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room
Test Date : 2023-04-17
EUT : Wireless Access Point
Power Supply : AC 120V/60Hz
Condition : TEMP:23.1°C, RH:52.1%, BP:101.1kPa
Memo :

D:\2023 CE report data\Q23032214-2E RG-RAP73HD\FCC.EM6
Tested By : Bairong
Model Number : RG-RAP73HD
Test Mode : TX
LISN : 2022 1# ENV216/NEUTRAL

Data: 10



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	0.15	28.92	9.80	0.01	9.94	48.67	65.96	-17.29	QP	NEUTRAL
2	0.15	9.12	9.80	0.01	9.94	28.87	55.96	-27.09	Average	NEUTRAL
3	0.20	28.66	9.90	0.01	9.90	48.47	63.49	-15.02	QP	NEUTRAL
4	0.20	26.80	9.90	0.01	9.90	46.61	53.49	-6.88	Average	NEUTRAL
5	0.40	10.23	9.68	0.01	9.91	29.83	57.90	-28.07	QP	NEUTRAL
6	0.40	4.46	9.68	0.01	9.91	24.06	47.90	-23.84	Average	NEUTRAL
7	0.61	18.49	9.72	0.01	9.92	38.14	56.00	-17.86	QP	NEUTRAL
8	0.61	18.10	9.72	0.01	9.92	37.75	46.00	-8.25	Average	NEUTRAL
9	0.81	8.80	9.76	0.02	9.92	28.50	56.00	-27.50	QP	NEUTRAL
10	0.81	0.26	9.76	0.02	9.92	19.96	46.00	-26.04	Average	NEUTRAL
11	1.02	15.94	9.70	0.02	9.91	35.57	56.00	-20.43	QP	NEUTRAL
12	1.02	15.81	9.70	0.02	9.91	35.44	46.00	-10.56	Average	NEUTRAL

Note:

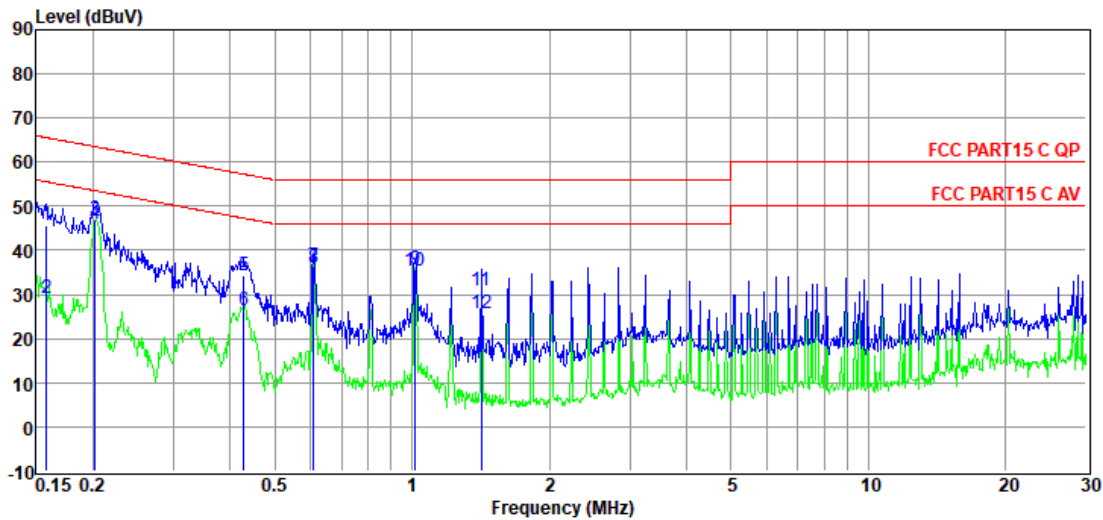
1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room
Test Date : 2023-04-17
EUT : Wireless Access Point
Power Supply : AC 120V/60Hz
Condition : TEMP:23.1°C, RH:52.1%, BP:101.1kPa
Memo :

D:\2023 CE report data\Q23032214-2E RG-RAP73HD\FCC.EM6
Tested By : Bairong
Model Number : RG-RAP73HD
Test Mode : TX
LISN : 2022 1# ENV216/LINE

Data: 12



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	26.14	9.64	0.01	9.93	45.72	65.56	-19.84	QP	LINE
2	0.16	9.66	9.64	0.01	9.93	29.24	55.56	-26.32	Average	LINE
3	0.20	27.32	9.80	0.01	9.90	47.03	63.54	-16.51	QP	LINE
4	0.20	26.44	9.80	0.01	9.90	46.15	53.54	-7.39	Average	LINE
5	0.43	14.76	9.72	0.01	9.92	34.41	57.29	-22.88	QP	LINE
6	0.43	6.63	9.72	0.01	9.92	26.28	47.29	-21.01	Average	LINE
7	0.61	16.76	9.64	0.01	9.92	36.33	56.00	-19.67	QP	LINE
8	0.61	16.33	9.64	0.01	9.92	35.90	46.00	-10.10	Average	LINE
9	1.02	16.16	9.50	0.02	9.91	35.59	56.00	-20.41	QP	LINE
10	1.02	16.05	9.50	0.02	9.91	35.48	46.00	-10.52	Average	LINE
11	1.42	11.57	9.55	0.03	9.90	31.05	56.00	-24.95	QP	LINE
12	1.42	6.25	9.55	0.03	9.90	25.73	46.00	-20.27	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.

14. Antenna Requirements

14.1. 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.

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.

14.2. Result

The device support 4T5R MIMO, the antennas both used for this product are PIFA antennas and no antenna other than that furnished by the responsible party shall be used with the device, maximum antenna gain is 6.49 dBi for antenna 1, 6.08 dBi for antenna 2, 5.97 dBi for antenna 3, 5.84 dBi for antenna 4.