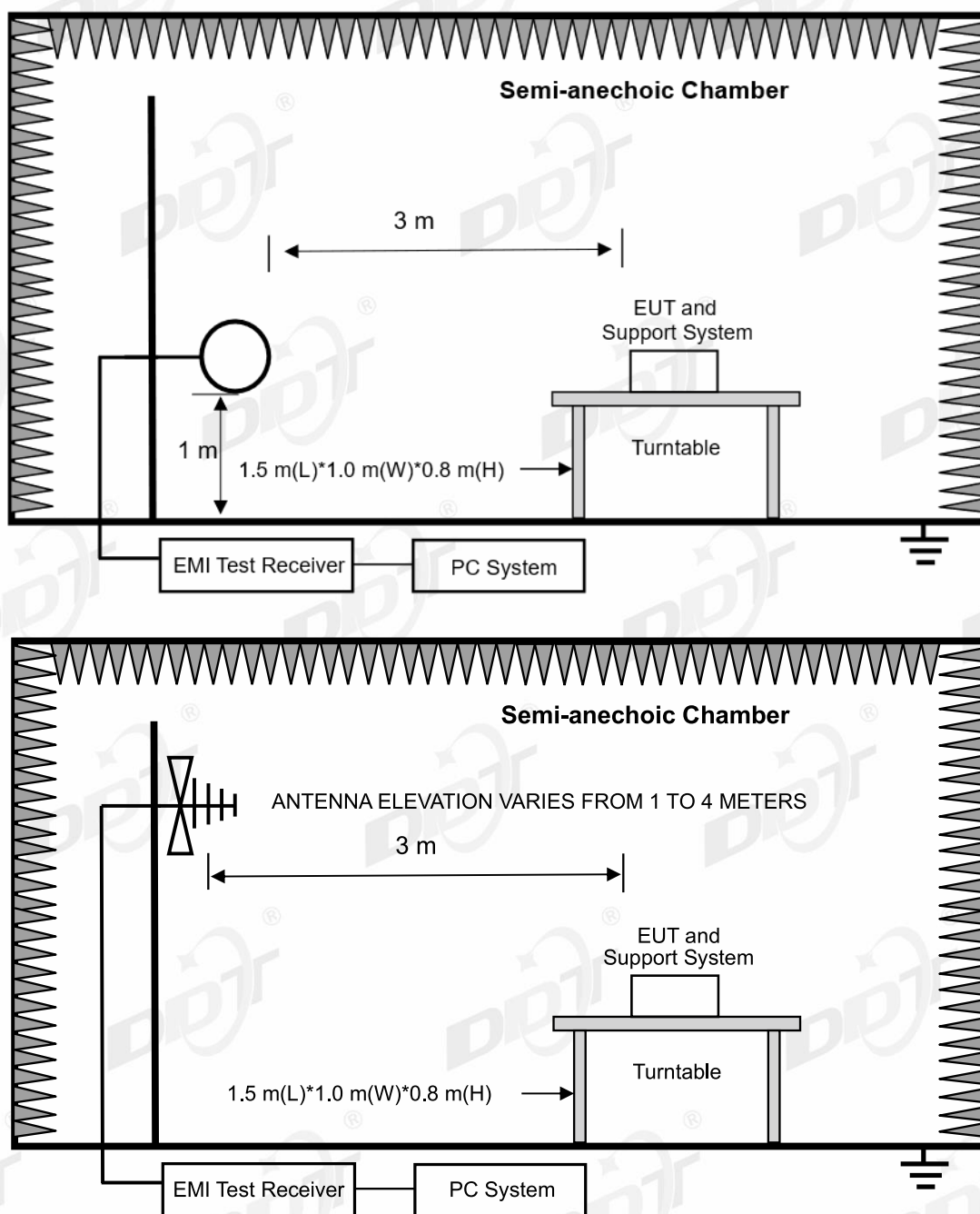


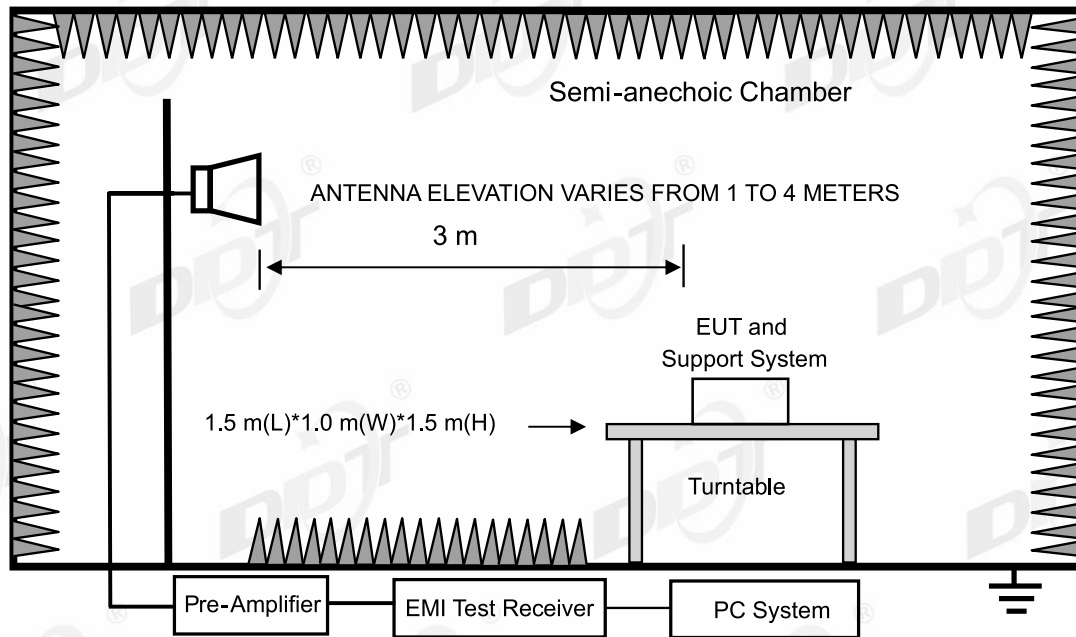
12.Radiated Emission

12.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2025/04/22
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2025/07/11
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2025/03/31
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2025/03/31
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2025/03/31
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2025/03/31
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2025/09/18
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2025/03/31
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2025/03/31
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2025/04/26
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2025/04/22
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2025/04/22
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2025/03/31
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2025/03/31
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2025/08/25
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/

12.2. Block diagram of test setup





12.3. Limits

(1) FCC 15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.1772&4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.2072&4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	²
13.36-13.41			

¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

²Above 38.6

(2) FCC 15.209 Limit

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		uV/m	dBuV/m
0.009 ~ 0.490	300	2400/F(kHz)	67.6-20log(F)
0.490 ~ 1.705	30	24000/F(kHz)	87.6-20log(F)
1.705 ~ 30.0	30	30	29.54
30~88	3	100	40.0
88~216	3	150	43.5
216~960	3	200	46.0
960~1000	3	500	54.0
Above 1000	3	74.0 dBuV/m (Peak) 54.0 dBuV/m (Average)	

Note:

(1) The emission limits shown in the above table are based on measurements employing a CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz and above 1000 MHz, radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30 MHz, measurement may be performed at a distance closer than that specified, and the limit at closer measurement distance can be extrapolated by below formula:

$$\text{Limit}_{3\text{m}}(\text{dBuV/m}) = \text{Limit}_{30\text{m}}(\text{dBuV/m}) + 40\text{Log}(30\text{m}/3\text{m})$$

(3) Limit for this EUT

The emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20 dB below the fundamental emissions or comply with 15.209 limits.

12.4. Assistant equipment used for test

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

12.5. Test procedure

(1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber for below 1G and 150 cm above the ground plane inside a fully-anechoic chamber for above 1G.

(2) Test antenna was located 3 m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used	Test antenna distance
9 kHz - 30 MHz	Active Loop antenna	3 m
30 MHz - 1 GHz	Trilog Broadband Antenna	3 m
1 GHz - 18 GHz	Double Ridged Horn Antenna(1 GHz-18 GHz)	3 m

18 GHz - 40 GHz	Horn Antenna(18 GHz-40 GHz)	1 m
-----------------	-----------------------------	-----

According ANSI C63.10:2013 clause 6.4.6 and 6.5.3, for measurements below 30 MHz, Antenna was located 3 m from EUT, the loop antenna was positioned in three antenna orientations (parallel, perpendicular, and round-parallel), for each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable, and the lowest height of the magnetic antenna shall be 1 m above the ground. For measurement above 30MHz, the trilog Broadband Antenna or Horn Antenna was located 3m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

(3) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9 kHz to 25 GHz:

(a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1 m to 4 m (Except loop antenna, it's fixed 1 m above ground.)

(b) Change work frequency or channel of device if practicable.

(c) Change modulation type of device if practicable.

(d) Change power supply range from 85% to 115% of the rated supply voltage

(e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Spectrum frequency from 9 kHz to 25 GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 18 GHz to 25 GHz, so below final test was performed with frequency range from 9 kHz to 18 GHz.

(4) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1 m and 4 m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed according to ANSI C63.10:2013 on Radiated Emission test.

(5) The emissions from 9 kHz to 1 GHz were measured based on CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz, for emissions from 9 kHz - 90 kHz, 110 kHz - 490 kHz and above 1 GHz were measured based on average detector, for emissions above 1 GHz, peak emissions also be measured and need comply with Peak limit.

(6) The emissions from 9 kHz to 1 GHz, QP or average values were measured with EMI receiver with below RBW.

Frequency band	RBW
9 kHz - 150 kHz	200 Hz
150 kHz - 30 MHz	9 kHz
30 MHz - 1 GHz	120 kHz

(7) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3 MHz for Peak measure; According ANSI C63.10:2013 clause 4.1.4.2.2 procedure for average measure.

(8) For portable device, X axis, Y axis, Z axis are tested, and worse setup is reported.

(9) According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz and 18 GHz to 40 GHz, so the final test was performed with frequency range from 30 MHz to 18 GHz and recorded in below.

(10) 30 MHz ~ 40 GHz: (Scan with all mode, the worst case is record and report)

(11) For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with the worst mode.

12.6. Test result

PASS. (See below detailed test result)

12.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-16

Tested By:

Zhong Nan

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

5G WIFI TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

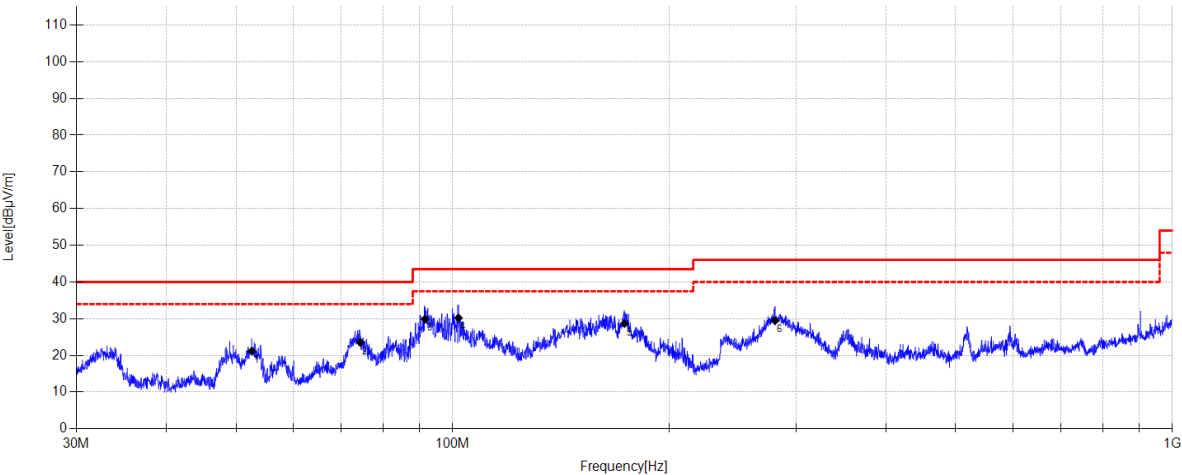
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24091913-1E\0116\20250116-163233_H

Memo:

Sample Number:S24091913-001



Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	52.606	35.04	13.32	3.90	21.16	40.00	18.84	QP	Horizontal
2	74.382	42.13	8.48	4.05	23.56	40.00	16.44	QP	Horizontal
3	91.539	47.37	9.45	4.16	29.88	43.50	13.62	QP	Horizontal
4	101.905	46.3	10.76	4.23	30.19	43.50	13.31	QP	Horizontal
5	173.266	45.74	9.49	4.62	28.68	43.50	14.82	QP	Horizontal
6	280.488	43.3	12.38	5.13	29.45	46.00	16.55	QP	Horizontal

Note:

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

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

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-16

Tested By:

Zhong Nan

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

5G WIFI TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

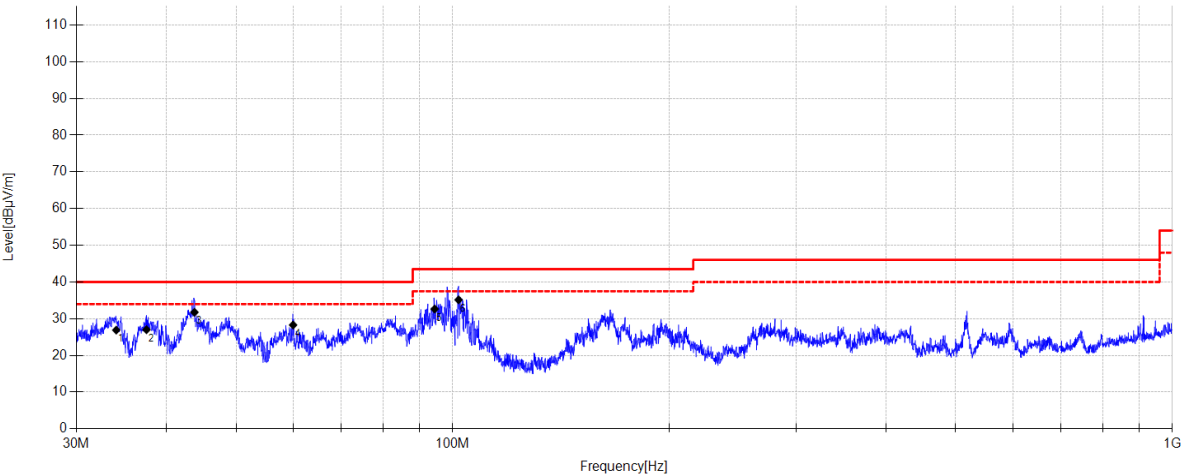
DDT 3# Chamber

File Path:

d:\ts\2024 report data\Q24091913-1E\0116\20250116-163316_V

Memo:

Sample Number:S24091913-001



Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	34.083	42.66	11.55	3.78	26.89	40.00	13.11	QP	Vertical
2	37.546	42.75	11.54	3.81	27.00	40.00	13.00	QP	Vertical
3	43.778	46.04	12.96	3.84	31.74	40.00	8.26	QP	Vertical
4	60.019	42.62	12.79	3.96	28.27	40.00	11.73	QP	Vertical
5	94.407	49.29	10.26	4.18	32.63	43.50	10.87	QP	Vertical
6	101.905	51.25	10.76	4.23	35.14	43.50	8.36	QP	Vertical

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-14

Tested By:

Zhong Nan

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

N20 5180 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

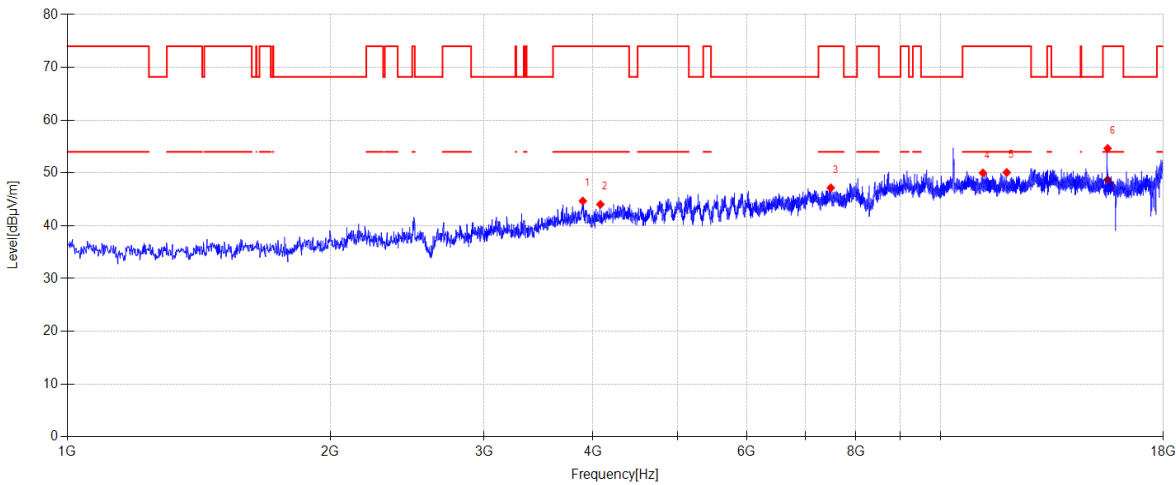
File Path:

d:\ts\2024 report data\Q24091913-1E\20250113FCC ABOVE1G 5G\41

Memo:

Sample Number:S24091913-001 Power Setting:1A

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3893.400	47.89	31.16	5.28	-39.65	44.68	74.00	29.32	PK	Horizontal
2	4078.700	47.26	31.06	5.40	-39.67	44.05	74.00	29.95	PK	Horizontal
3	7487.200	43.67	36.53	7.54	-40.56	47.18	74.00	26.82	PK	Horizontal
4	11184.700	41.44	39.22	8.53	-39.18	50.01	74.00	23.99	PK	Horizontal
5	11908.900	42.10	38.93	8.97	-39.91	50.09	74.00	23.91	PK	Horizontal
6	15541.800	45.31	38.72	10.03	-39.40	54.66	74.00	19.34	PK	Horizontal

Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	15541.800	39.37	38.72	10.03	48.72	54.0	5.28	AV	Horizontal

Note:

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

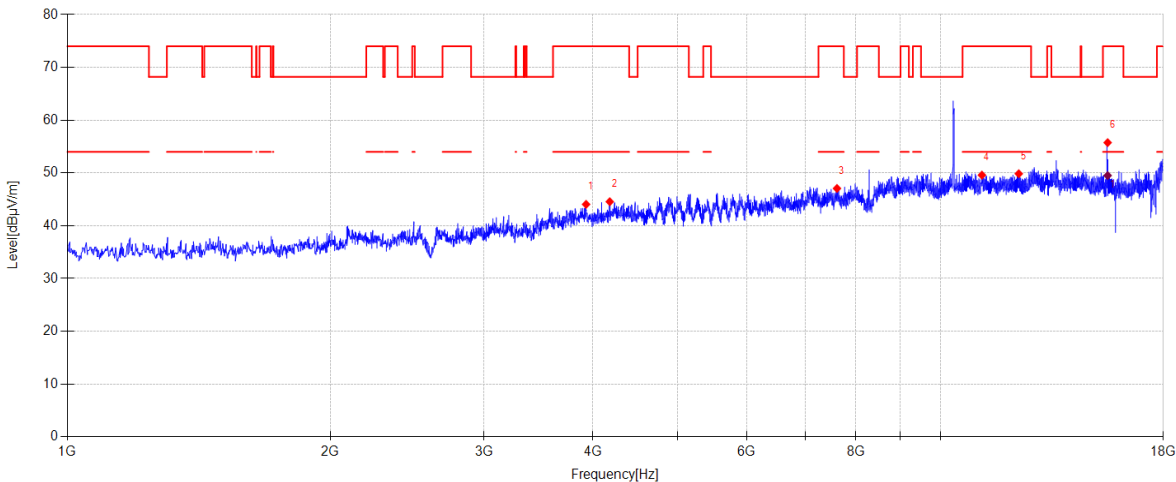
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-14 Tested By: Zhong Nan
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: N20 5180 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250113FCC ABOVE1G 5G\42
Memo: Sample Number:S24091913-001 Power Setting:1A

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3927.400	47.27	31.15	5.29	-39.66	44.05	74.00	29.95	PK	Vertical
2	4180.700	47.49	31.20	5.53	-39.67	44.55	74.00	29.45	PK	Vertical
3	7611.300	43.38	36.52	7.62	-40.45	47.07	74.00	26.93	PK	Vertical
4	11155.800	41.00	39.24	8.51	-39.16	49.59	74.00	24.41	PK	Vertical
5	12294.800	41.33	39.30	9.16	-39.94	49.85	74.00	24.15	PK	Vertical
6	15541.800	46.40	38.72	10.03	-39.40	55.75	74.00	18.25	PK	Vertical

Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	15541.800	40.16	38.72	10.03	49.51	54.0	4.49	AV	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:

2025-01-14

Tested By:

Zhong Nan

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

N20 5320 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

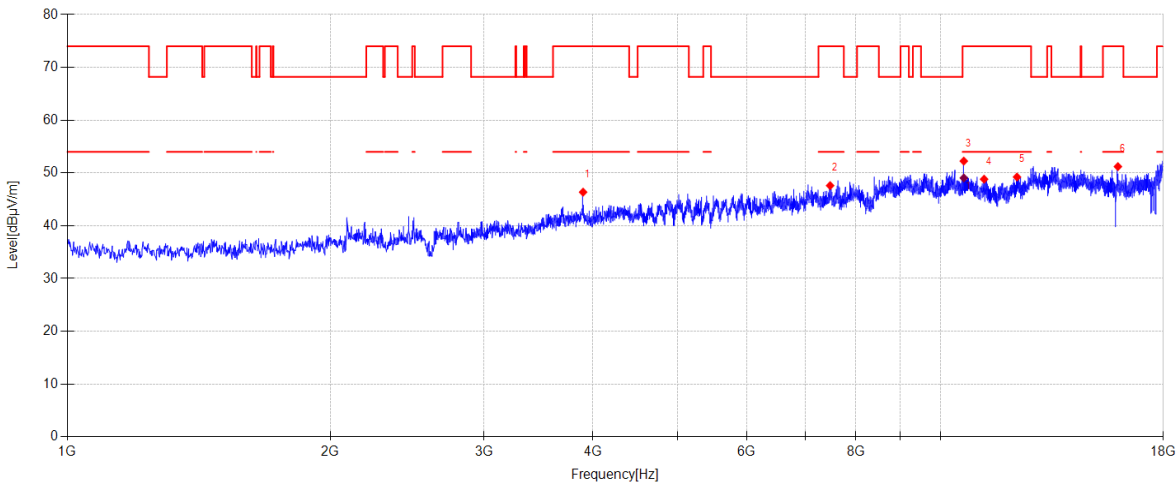
File Path:

d:\ts\2024 report data\Q24091913-1E\20250113FCC ABOVE1G 5G\43

Memo:

Sample Number:S24091913-001 Power Setting:16

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3896.800	49.56	31.18	5.28	-39.66	46.36	74.00	27.64	PK	Horizontal
2	7475.300	44.09	36.55	7.53	-40.57	47.60	74.00	26.40	PK	Horizontal
3	10635.600	43.90	39.27	8.30	-39.22	52.25	74.00	21.75	PK	Horizontal
4	11218.700	40.29	39.20	8.55	-39.22	48.82	74.00	25.18	PK	Horizontal
5	12237.000	40.75	39.30	9.13	-39.95	49.23	74.00	24.77	PK	Horizontal
6	15966.800	42.34	38.03	10.23	-39.40	51.20	74.00	22.80	PK	Horizontal

Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	10635.600	40.71	39.27	8.30	49.06	54.0	4.94	AV	Horizontal

Note:

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

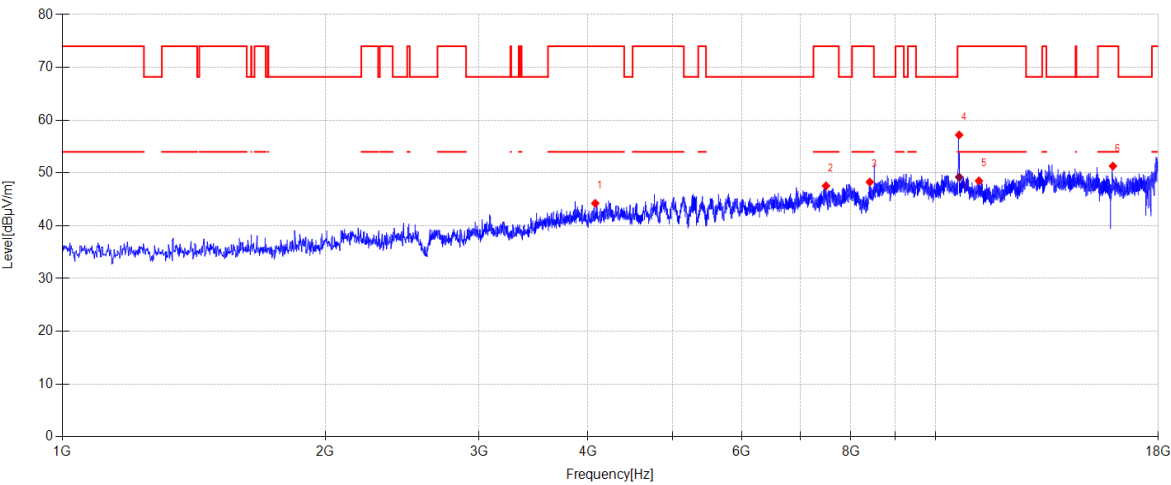
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-14 Tested By: Zhong Nan
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: N20 5320 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250113FCC ABOVE1G 5G\44
Memo: Sample Number:S24091913-001 Power Setting:16

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4077.000	47.47	31.05	5.40	-39.67	44.25	74.00	29.75	PK	Vertical
2	7492.300	44.04	36.52	7.55	-40.56	47.55	74.00	26.45	PK	Vertical
3	8410.300	42.37	37.50	7.98	-39.57	48.28	74.00	25.72	PK	Vertical
4	10644.100	48.81	39.29	8.31	-39.21	57.20	74.00	16.80	PK	Vertical
5	11215.300	39.98	39.20	8.55	-39.22	48.51	74.00	25.49	PK	Vertical
6	15968.500	42.44	38.03	10.23	-39.40	51.30	74.00	22.70	PK	Vertical

Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	10644.100	40.83	39.29	8.31	49.22	54.0	4.78	AV	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:

2025-01-14

Tested By:

Zhong Nan

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

N20 5500 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

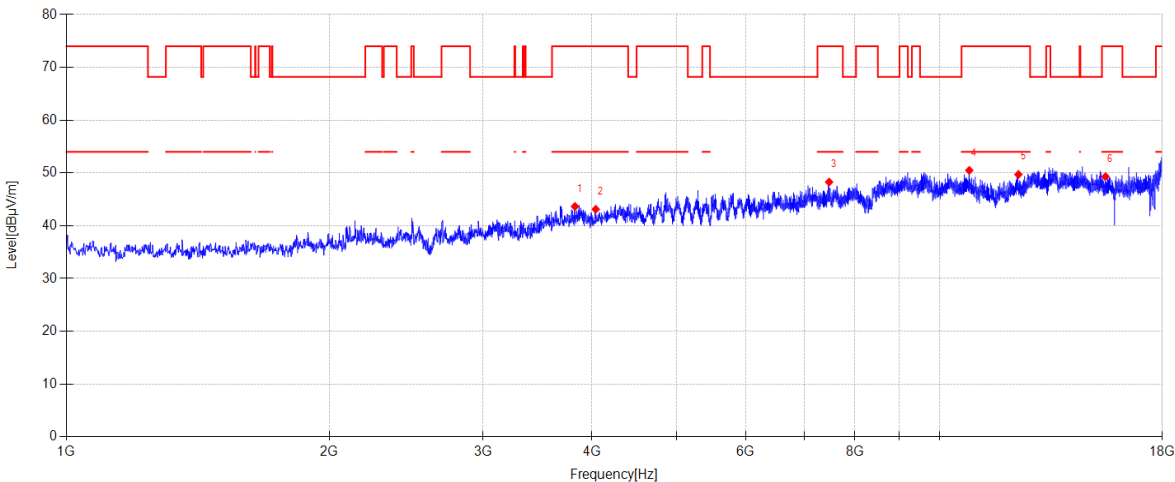
File Path:

d:\ts\2024 report data\Q24091913-1E\20250113FCC ABOVE1G 5G\45

Memo:

Sample Number:S24091913-001 Power Setting:19

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3823.700	47.25	30.79	5.26	-39.64	43.66	74.00	30.34	PK	Horizontal
2	4039.600	46.46	30.98	5.36	-39.68	43.12	74.00	30.88	PK	Horizontal
3	7475.300	44.77	36.55	7.53	-40.57	48.28	74.00	25.72	PK	Horizontal
4	10817.500	41.86	39.38	8.36	-39.11	50.49	74.00	23.51	PK	Horizontal
5	12315.200	41.20	39.30	9.16	-39.94	49.72	74.00	24.28	PK	Horizontal
6	15494.200	39.89	38.81	10.01	-39.40	49.31	74.00	24.69	PK	Horizontal

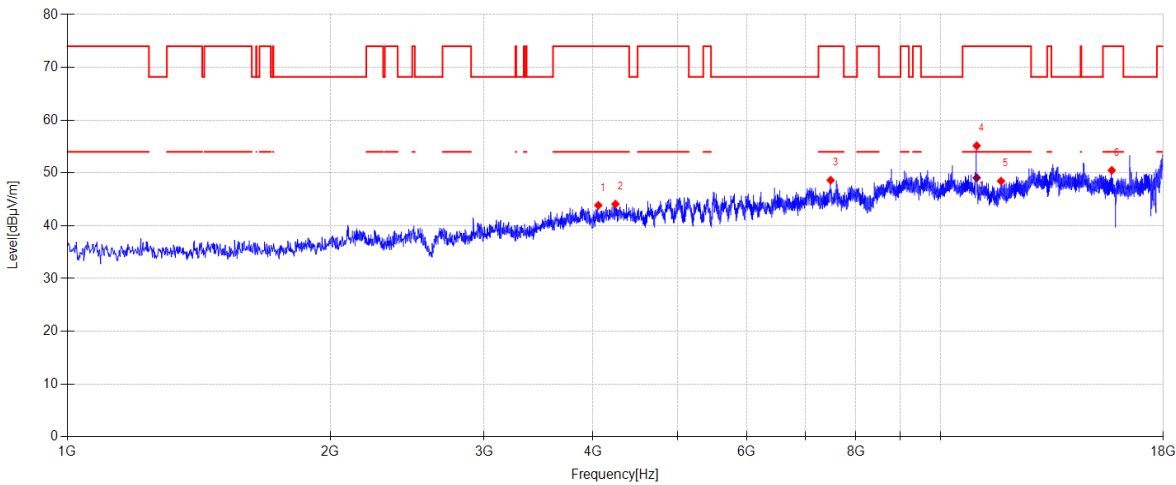
Note:

- 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: 2025-01-14 Tested By: Zhong Nan
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: N20 5500 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250113FCC ABOVE1G 5G\46
Memo: Sample Number:S24091913-001 Power Setting:19

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4056.600	47.15	31.01	5.38	-39.68	43.86	74.00	30.14	PK	Vertical
2	4243.600	46.79	31.37	5.60	-39.66	44.10	74.00	29.90	PK	Vertical
3	7485.500	45.12	36.53	7.54	-40.56	48.63	74.00	25.37	PK	Vertical
4	11002.800	46.44	39.30	8.42	-39.00	55.16	74.00	18.84	PK	Vertical
5	11733.800	40.35	38.97	8.86	-39.73	48.45	74.00	25.55	PK	Vertical
6	15711.800	41.30	38.48	10.11	-39.40	50.49	74.00	23.51	PK	Vertical

Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11002.800	40.36	39.30	8.42	49.08	54.0	4.92	AV	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:

2025-01-14

Tested By:

Zhong Nan

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

N20 5700 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

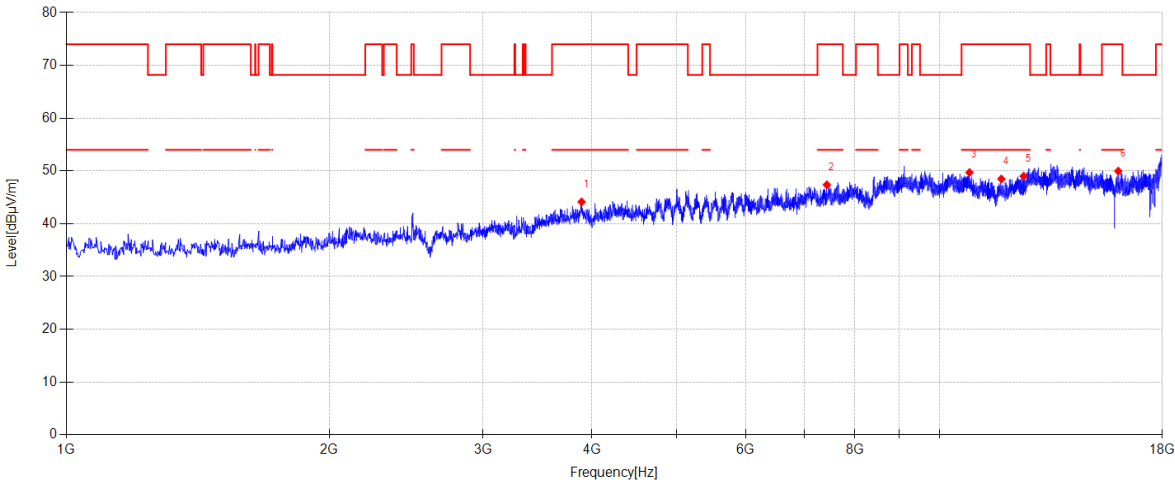
File Path:

d:\ts\2024 report data\Q24091913-1E\20250113FCC ABOVE1G 5G\47

Memo:

Sample Number:S24091913-001 Power Setting:0D

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3891.700	47.36	31.15	5.28	-39.65	44.14	74.00	29.86	PK	Horizontal
2	7431.100	43.84	36.64	7.51	-40.61	47.38	74.00	26.62	PK	Horizontal
3	10824.300	41.08	39.38	8.36	-39.11	49.71	74.00	24.29	PK	Horizontal
4	11772.900	40.44	38.93	8.88	-39.77	48.48	74.00	25.52	PK	Horizontal
5	12486.900	40.28	39.39	9.24	-39.90	49.01	74.00	24.99	PK	Horizontal
6	16024.600	41.16	37.98	10.26	-39.42	49.98	74.00	24.02	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-14

Tested By:

Zhong Nan

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

N20 5700 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

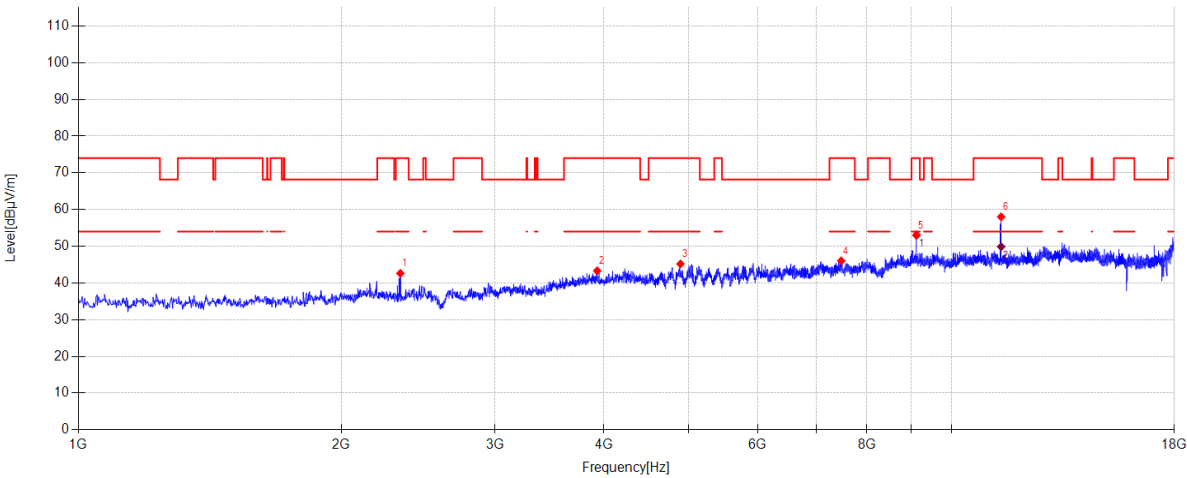
File Path:

d:\ts\2024 report data\Q24091913-1E\20250113 FCC ABOVE1G KUAYUE\43

Memo:

Sample Number:S24091913-001 Power Setting:0D

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2337.900	50.65	27.03	3.54	-38.61	42.61	74.00	31.39	PK	Vertical
2	3929.100	47.35	31.14	4.48	-39.66	43.31	74.00	30.69	PK	Vertical
3	4893.000	46.58	33.11	5.11	-39.61	45.19	74.00	28.81	PK	Vertical
4	7477.000	43.81	36.55	6.24	-40.57	46.03	74.00	27.97	PK	Vertical
5	9119.200	46.47	38.50	7.01	-38.90	53.08	74.00	20.92	PK	Vertical
6	11400.600	50.49	39.30	7.62	-39.40	58.01	74.00	15.99	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9119.925	46.40	38.50	7.01	53.01	54	0.99	AV	Vertical
2	11400.600	42.35	39.30	7.62	49.87	54	4.13	AV	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:

2025-01-14

Tested By:

Zhong Nan

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

N20 5720 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

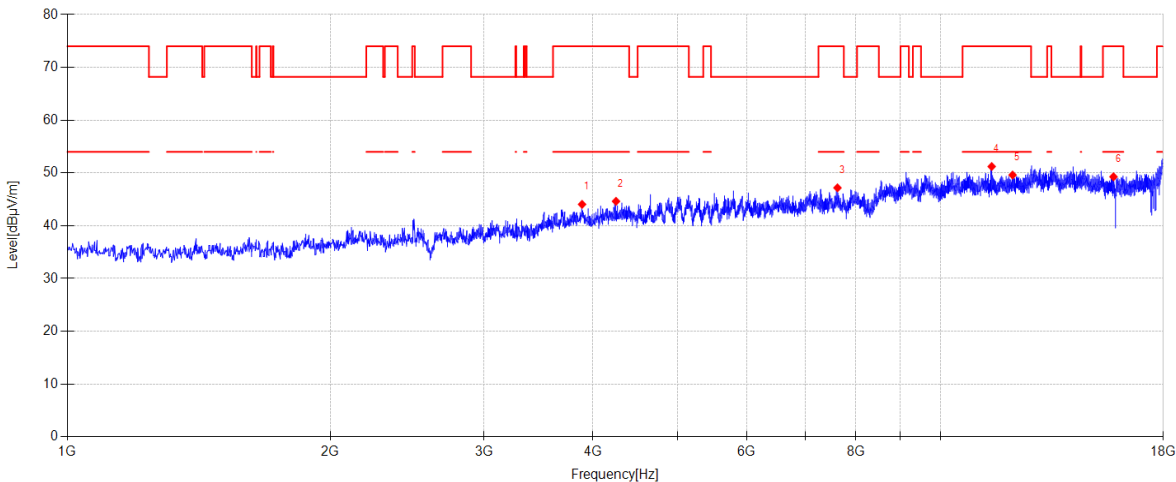
File Path:

d:\ts\2024 report data\Q24091913-1E\20250113 FCC ABOVE1G KUAYUE\26

Memo:

Sample Number:S24091913-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3886.600	47.31	31.12	5.27	-39.65	44.05	74.00	29.95	PK	Horizontal
2	4250.400	47.28	31.40	5.61	-39.66	44.63	74.00	29.37	PK	Horizontal
3	7621.500	43.45	36.54	7.63	-40.44	47.18	74.00	26.82	PK	Horizontal
4	11446.500	42.73	39.25	8.69	-39.45	51.22	74.00	22.78	PK	Horizontal
5	12095.900	41.23	39.30	9.06	-39.98	49.61	74.00	24.39	PK	Horizontal
6	15781.500	40.20	38.34	10.14	-39.40	49.28	74.00	24.72	PK	Horizontal

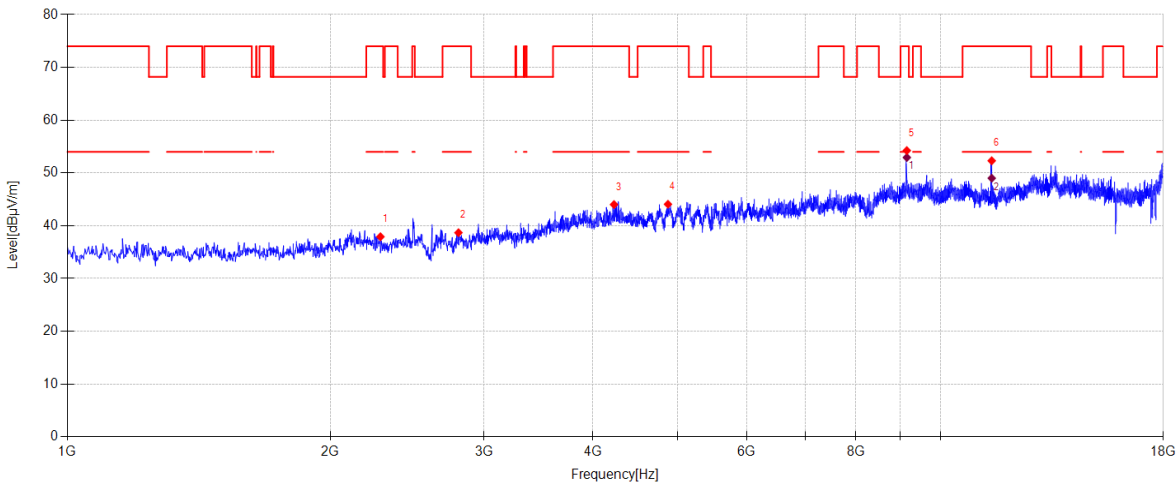
Note:

- 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: 2025-01-16 Tested By: Zhong Nan
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: N20 5720 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250113 FCC ABOVE1G KUAYUE\39
Memo: Sample Number:S24091913-001 Power Setting:10

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2283.500	45.97	26.97	3.51	-38.54	37.91	74.00	36.09	PK	Vertical
2	2805.400	46.63	27.44	3.80	-39.19	38.68	74.00	35.32	PK	Vertical
3	4228.300	47.69	31.31	4.67	-39.66	44.01	74.00	29.99	PK	Vertical
4	4874.300	45.17	33.41	5.10	-39.61	44.07	74.00	29.93	PK	Vertical
5	9151.500	47.65	38.50	7.01	-38.92	54.24	74.00	19.76	PK	Vertical
6	11448.200	44.86	39.25	7.65	-39.45	52.31	74.00	21.69	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9151.920	46.34	38.50	7.01	52.93	54	1.07	AV	Vertical
2	11448.200	41.56	39.25	7.65	49.01	54	4.99	AV	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:

2025-01-14

Tested By:

Zhong Nan

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

N20 5745 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

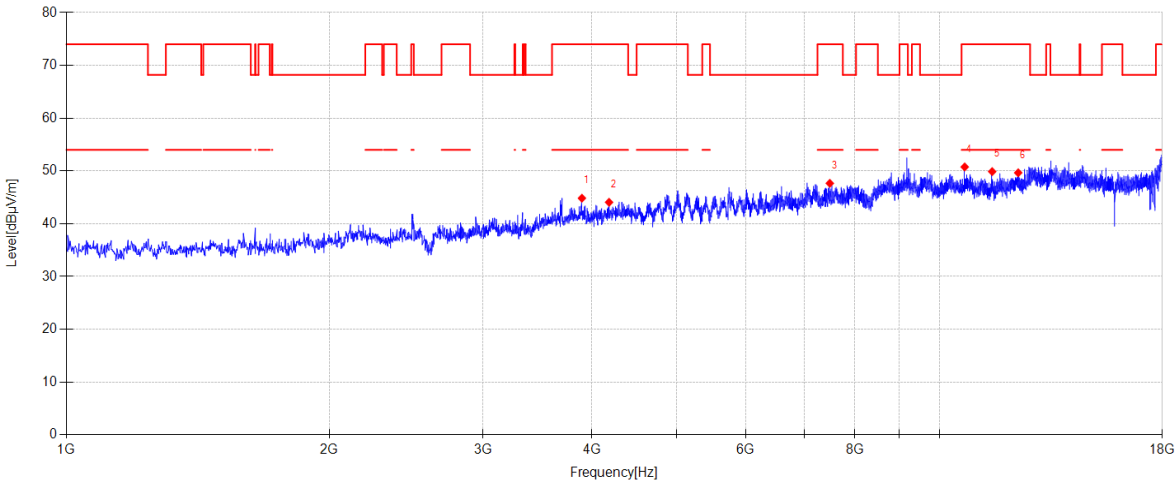
File Path:

d:\ts\2024 report data\Q24091913-1E\20250113 FCC ABOVE1G MASK\73

Memo:

Sample Number:S24091913-001 Power Setting:0A

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3895.100	48.04	31.17	5.28	-39.65	44.84	74.00	29.16	PK	Horizontal
2	4184.100	47.01	31.20	5.53	-39.67	44.07	74.00	29.93	PK	Horizontal
3	7488.900	44.16	36.52	7.54	-40.56	47.66	74.00	26.34	PK	Horizontal
4	10688.300	42.25	39.38	8.32	-39.19	50.76	74.00	23.24	PK	Horizontal
5	11492.400	41.44	39.21	8.72	-39.49	49.88	74.00	24.12	PK	Horizontal
6	12308.400	41.14	39.30	9.16	-39.94	49.66	74.00	24.34	PK	Horizontal

Note:

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

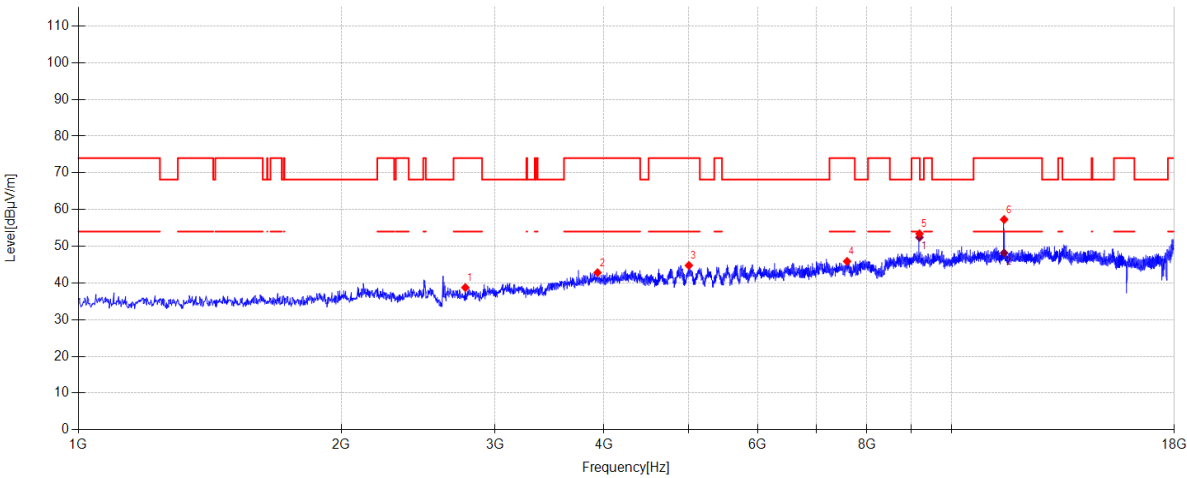
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-14 Tested By: Zhong Nan
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: N20 5745 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250113 FCC ABOVE1G KUAYUE\40
Memo: Sample Number:S24091913-001 Power Setting:0A

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2774.800	46.62	27.50	3.78	-39.16	38.74	74.00	35.26	PK	Vertical
2	3932.500	46.86	31.14	4.48	-39.66	42.82	74.00	31.18	PK	Vertical
3	5003.500	45.99	33.21	5.18	-39.60	44.78	74.00	29.22	PK	Vertical
4	7594.300	43.54	36.49	6.32	-40.47	45.88	74.00	28.12	PK	Vertical
5	9192.300	46.77	38.58	7.01	-38.95	53.41	74.00	20.59	PK	Vertical
6	11490.700	49.89	39.21	7.68	-39.49	57.29	74.00	16.71	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	9191.970	45.77	38.58	7.01	52.41	54	1.59	AV	Vertical
2	11489.930	40.78	39.21	7.68	48.18	54	5.82	AV	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:

2025-01-14

Tested By:

Zhong Nan

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

N20 5785 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

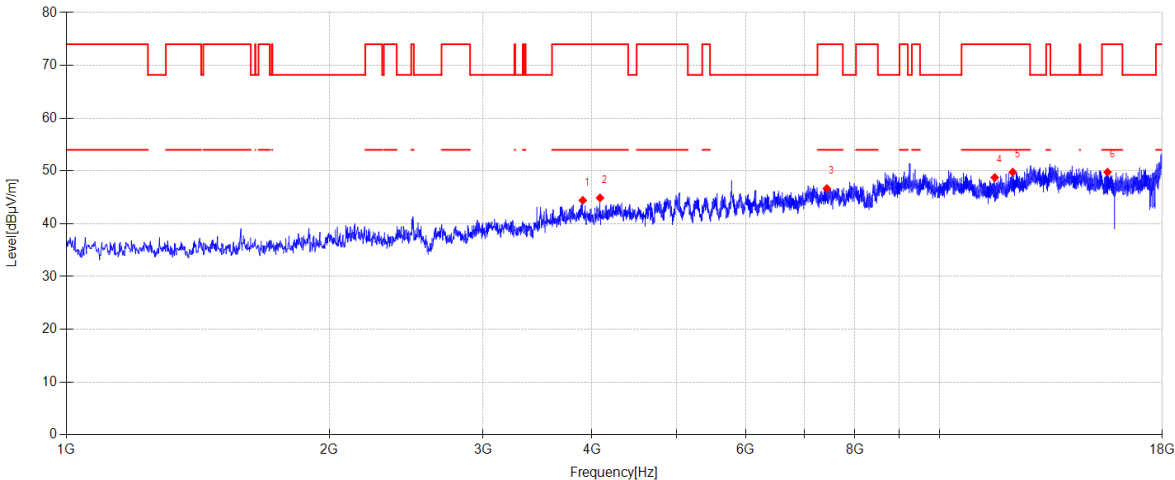
File Path:

d:\ts\2024 report data\Q24091913-1E\20250113 FCC ABOVE1G MASK\71

Memo:

Sample Number:S24091913-001 Power Setting:0A

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3903.600	47.62	31.19	5.28	-39.66	44.43	74.00	29.57	PK	Horizontal
2	4085.500	48.07	31.07	5.41	-39.67	44.88	74.00	29.12	PK	Horizontal
3	7431.100	43.13	36.64	7.51	-40.61	46.67	74.00	27.33	PK	Horizontal
4	11570.600	40.50	39.06	8.76	-39.57	48.75	74.00	25.25	PK	Horizontal
5	12133.300	41.36	39.30	9.08	-39.97	49.77	74.00	24.23	PK	Horizontal
6	15579.200	40.49	38.64	10.05	-39.40	49.78	74.00	24.22	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:

2025-01-14

Tested By:

Zhong Nan

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

N20 5785 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

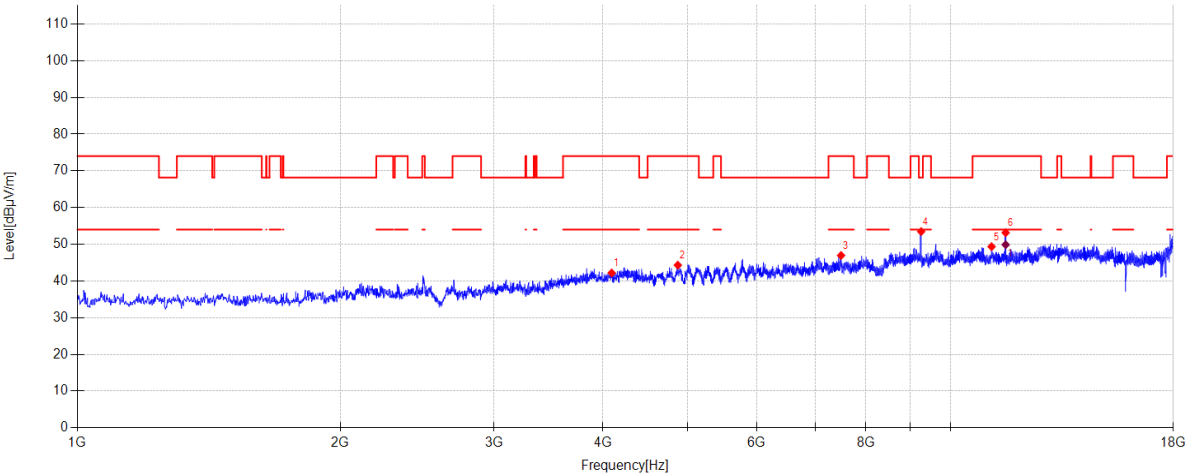
File Path:

d:\ts\2024 report data\Q24091913-1E\20250113 FCC ABOVE1G KUAYUE\41

Memo:

Sample Number:S24091913-001 Power Setting:0A

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4092.300	46.19	31.08	4.58	-39.67	42.18	74.00	31.82	PK	Vertical
2	4872.600	45.38	33.44	5.10	-39.61	44.31	74.00	29.69	PK	Vertical
3	7494.000	44.74	36.51	6.26	-40.56	46.95	74.00	27.05	PK	Vertical
4	9256.900	46.85	38.60	7.02	-39.01	53.46	68.20	14.74	PK	Vertical
5	11145.600	41.77	39.25	7.47	-39.15	49.34	74.00	24.66	PK	Vertical
6	11567.200	45.92	39.07	7.73	-39.57	53.15	74.00	20.85	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	11567.200	42.65	39.07	7.73	49.88	54	4.12	AV	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:

2025-01-14

Tested By:

Zhong Nan

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

N20 5825 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

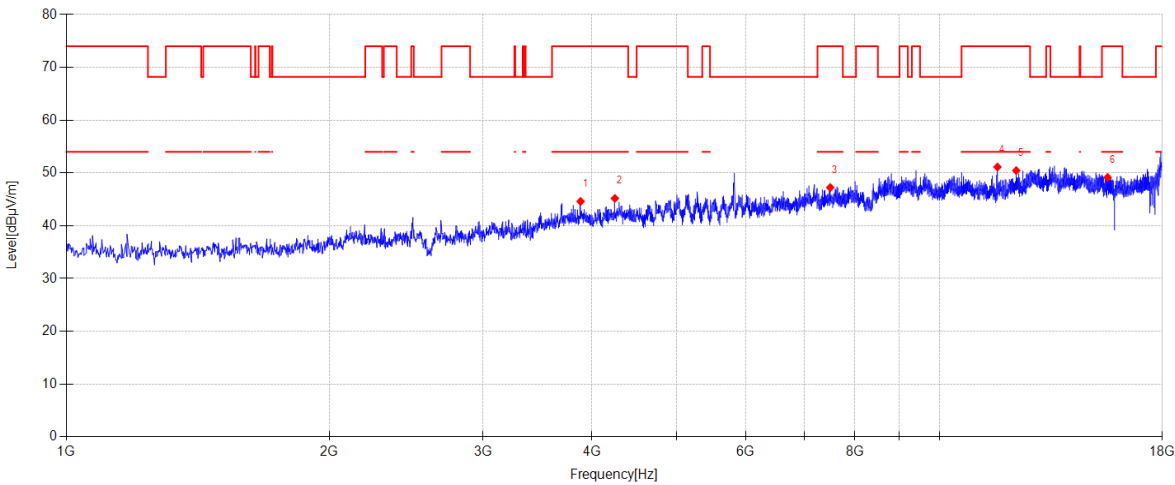
File Path:

d:\ts\2024 report data\Q24091913-1E\20250113 FCC ABOVE1G MASK\69

Memo:

Sample Number:S24091913-001 Power Setting:0A

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3881.500	47.90	31.09	5.27	-39.65	44.61	74.00	29.39	PK	Horizontal
2	4248.700	47.84	31.39	5.61	-39.66	45.18	74.00	28.82	PK	Horizontal
3	7497.400	43.73	36.51	7.55	-40.55	47.24	74.00	26.76	PK	Horizontal
4	11652.200	42.97	39.00	8.81	-39.65	51.13	74.00	22.87	PK	Horizontal
5	12245.500	41.97	39.30	9.13	-39.95	50.45	74.00	23.55	PK	Horizontal
6	15580.900	39.87	38.64	10.05	-39.40	49.16	74.00	24.84	PK	Horizontal

Note:

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

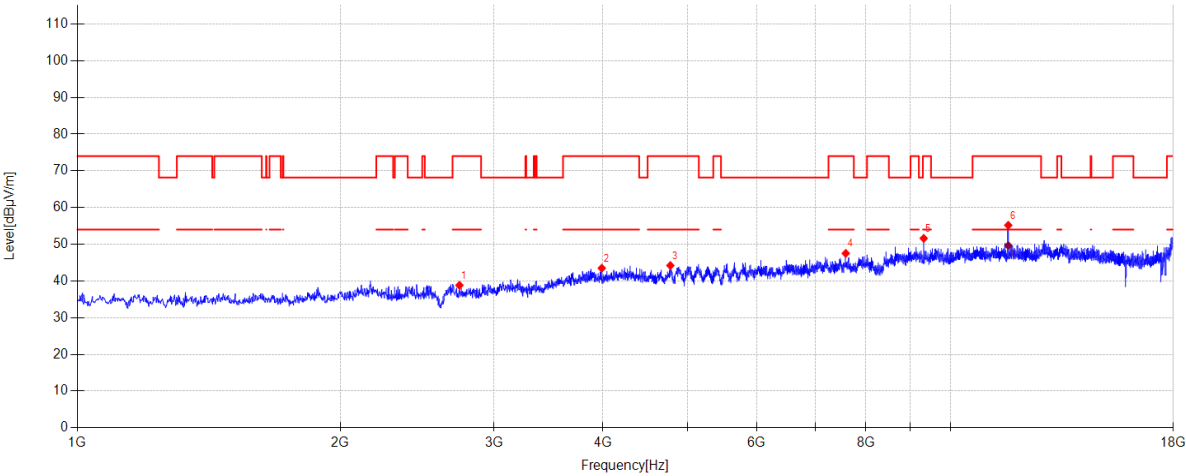
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

T TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-14 Tested By: Zhong Nan
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: N20 5825 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250113 FCC ABOVE1G KUAYUE\42
Memo: Sample Number:S24091913-001 Power Setting:0A

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	2739.100	46.60	27.58	3.76	-39.11	38.83	74.00	35.17	PK	Vertical
2	3986.900	47.70	30.95	4.51	-39.68	43.48	74.00	30.52	PK	Vertical
3	4777.400	46.39	32.41	5.03	-39.62	44.21	74.00	29.79	PK	Vertical
4	7587.500	45.19	36.48	6.32	-40.47	47.52	74.00	26.48	PK	Vertical
5	9319.800	45.00	38.64	7.02	-39.06	51.60	74.00	22.40	PK	Vertical
6	11647.100	48.06	39.00	7.77	-39.65	55.18	74.00	18.82	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	11648.390	42.50	39.00	7.78	49.63	54	4.37	AV	Vertical

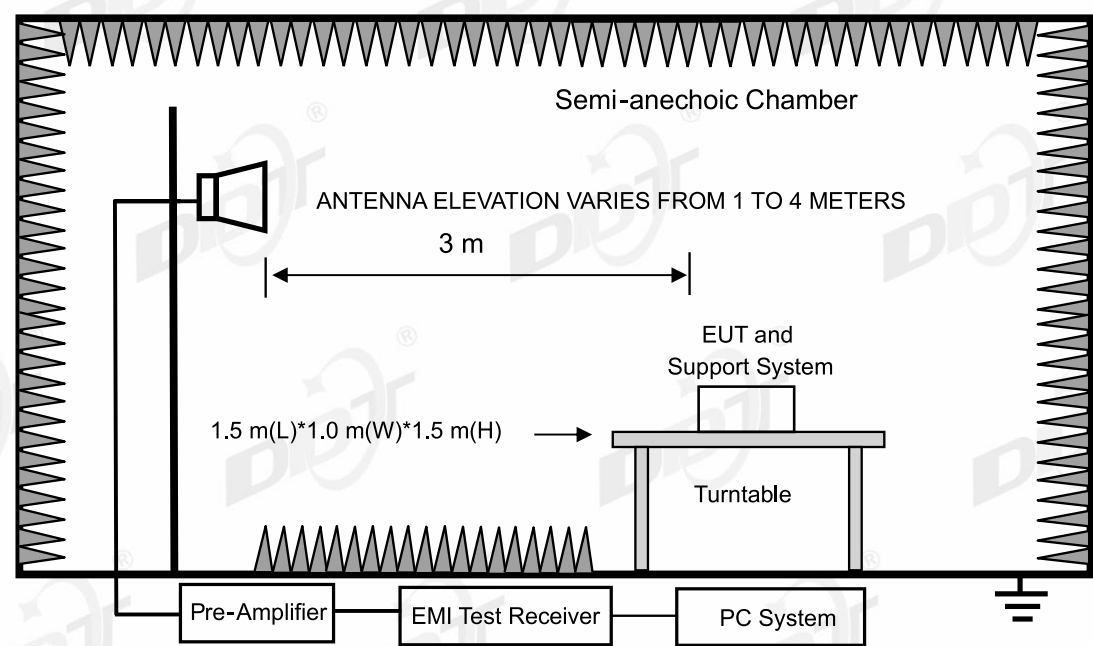
Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

13.Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2025/03/31
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2025/03/31
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2025/03/31
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2025/03/31
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2025/04/22
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2025/03/31
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2025/04/26
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2025/03/31
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2025/04/22
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2025/03/31
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2025/08/25
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2025/07/11
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2025/04/22
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2025/03/31
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2025/09/18

13.2. Block diagram of test setup



13.3. Limits

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating solely in the 5.725-5.850 GHz band:
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

13.4. Assistant equipment used for test

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

13.5. Test procedure

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

Remark: All restriction band have been tested, and only the worst case is shown in report. According to the results of the radiated Emission test, it can be judged that the Vertical direction is the Worst case.

13.6. Test result

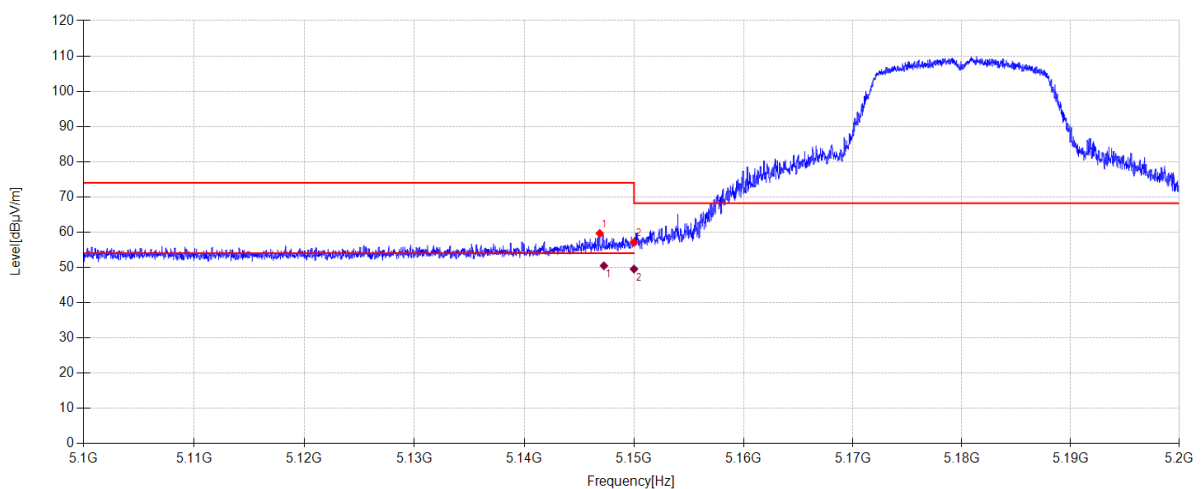
PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:	2025-01-12	Tested By:	Gen Liu
EUT:	AC1200 Dual Band Wi-Fi Router	Model Number:	NM1274CB
Test Mode:	ANT1 11A 5180 TX Mode	Power Supply:	AC 120V/60Hz
Condition:	Temp:23.5°C;Humi:65.2%	Test Site:	DDT 3# Chamber
File Path:	d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\1		
Memo:	Sample Number:S24091913-001 Power Setting:24		

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5146.880	50.57	33.40	5.28	-29.60	59.65	74.00	14.35	PK	Vertical
2	5150.000	48.03	33.40	5.28	-29.60	57.11	68.20	11.09	PK	Vertical

Data List									
NO .	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.257	41.37	33.40	5.28	50.45	54.0	3.55	AV	Vertical
2	5150.000	40.45	33.40	5.28	49.53	54.0	4.47	AV	Vertical

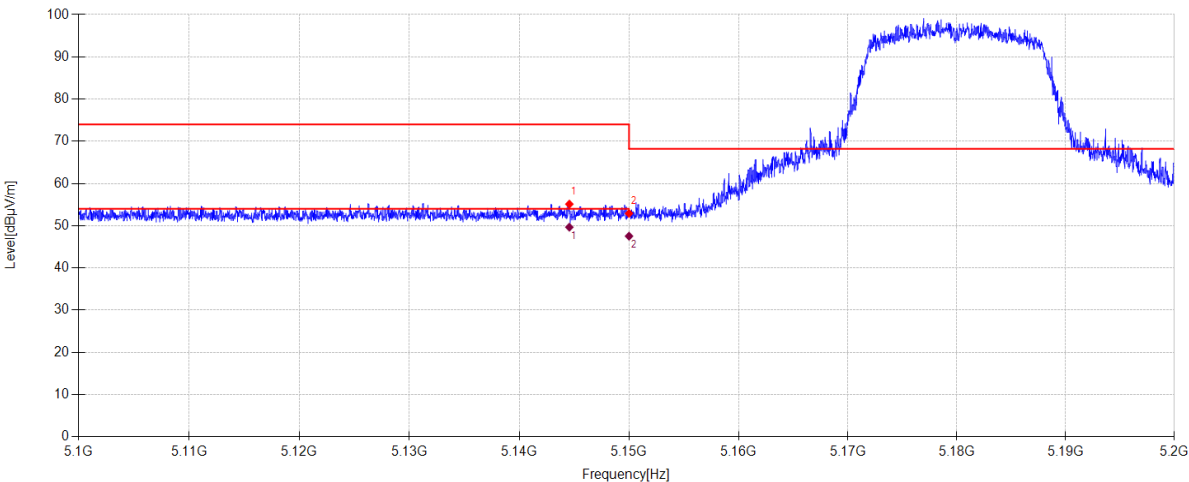
Note:

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: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: ANT1 11A 5180 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\2
Memo: Sample Number:S24091913-001 Power Setting:24

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5144.560	46.04	33.40	5.28	-29.60	55.12	74.00	18.88	PK	Horizontal
2	5150.000	43.83	33.40	5.28	-29.60	52.91	68.20	15.29	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5144.560	40.57	33.40	5.28	49.65	54.0	4.35	AV	Horizontal	
2	5150.000	38.45	33.40	5.28	47.53	54.0	6.47	AV	Horizontal	

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

ANT1 11A 5320 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

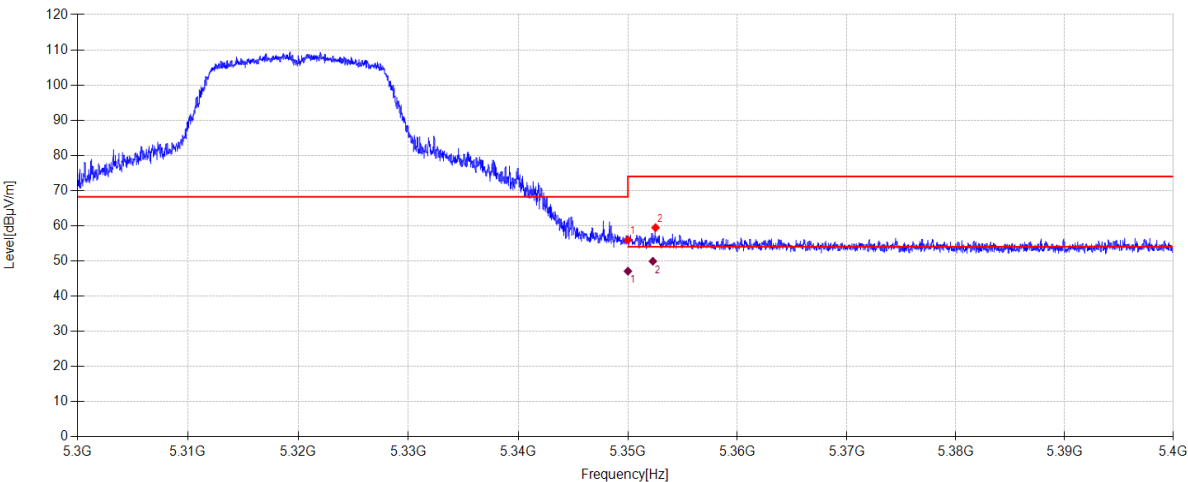
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\3

Memo:

Sample Number:S24091913-001 Power Setting:19

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	47.07	33.10	5.41	-29.60	55.98	68.20	12.22	PK	Vertical
2	5352.520	50.54	33.10	5.41	-29.60	59.45	74.00	14.55	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.17	33.10	5.41	47.08	54.0	6.92	AV	Vertical	
2	5352.279	40.99	33.10	5.41	49.90	54.0	4.10	AV	Vertical	

Note:

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

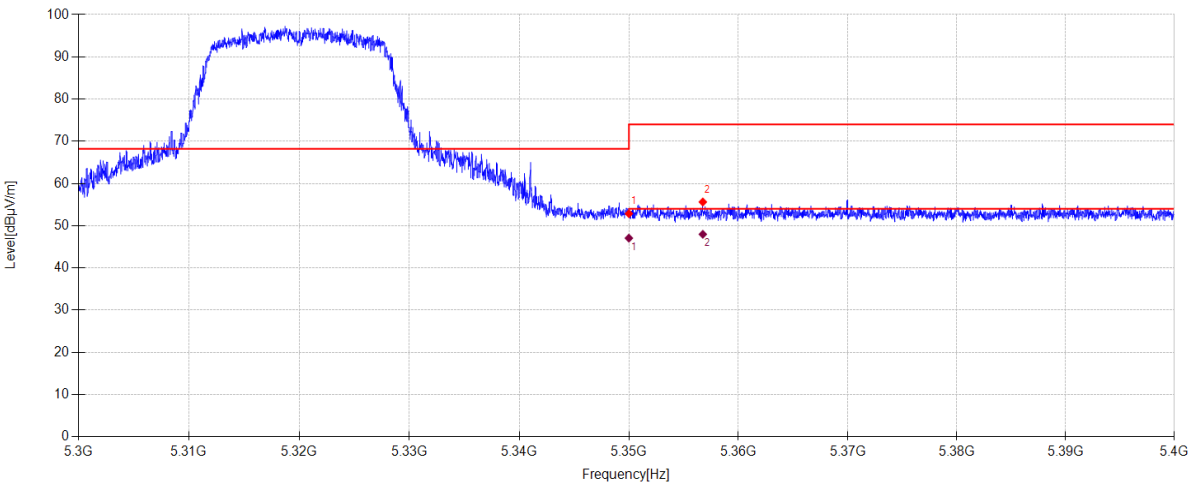
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: ANT1 11A 5320 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\4
Memo: Sample Number:S24091913-001 Power Setting:19

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	43.95	33.10	5.41	-29.60	52.86	68.20	15.34	PK	Horizontal
2	5356.750	46.70	33.10	5.42	-29.60	55.62	74.00	18.38	PK	Horizontal

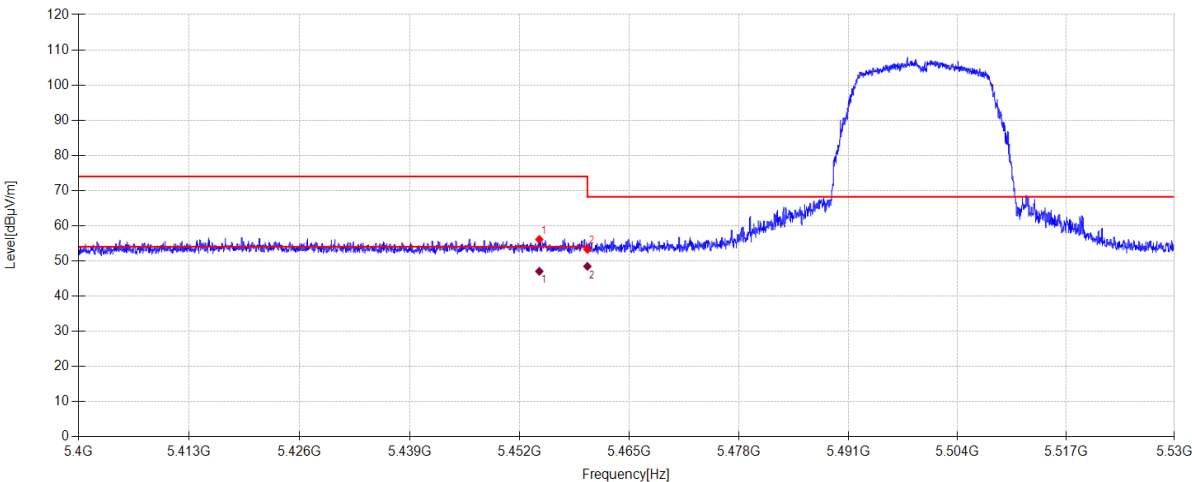
Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.15	33.10	5.41	47.06	54.0	6.94	AV	Horizontal	
2	5356.750	39.06	33.10	5.42	47.98	54.0	6.02	AV	Horizontal	

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: ANT1 11A 5500 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\5
Memo: Sample Number:S24091913-001 Power Setting:1E

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5454.301	47.24	33.00	5.48	-29.60	56.12	74.00	17.88	PK	Vertical
2	5460.000	44.40	33.00	5.48	-29.60	53.28	68.20	14.92	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5454.301	38.15	33.00	5.48	47.03	54.0	6.97	AV	Vertical	
2	5460.000	39.57	33.00	5.48	48.45	54.0	5.55	AV	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

ANT1 11A 5500 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

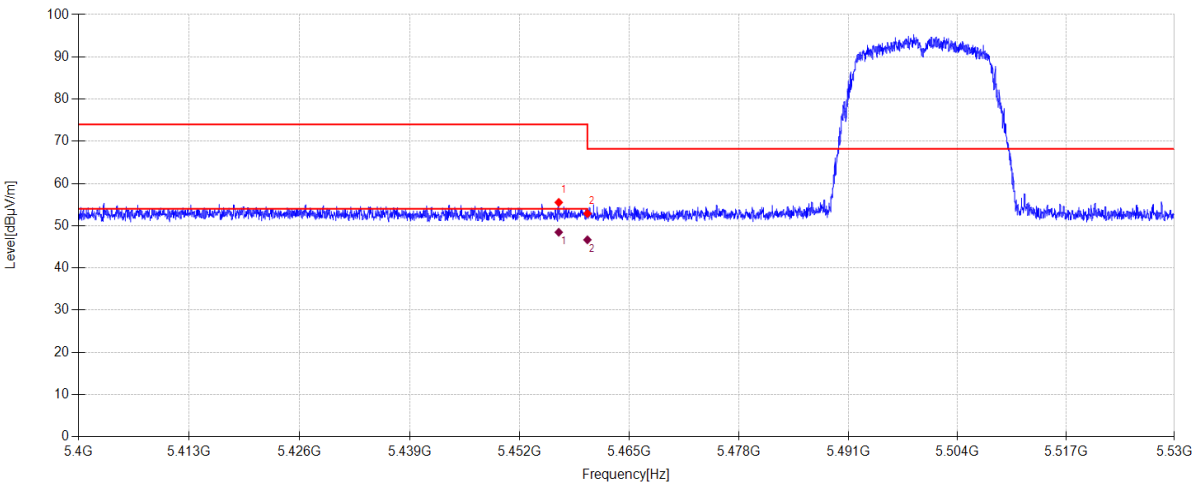
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\6

Memo:

Sample Number:S24091913-001 Power Setting:1E

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5456.602	46.64	33.00	5.48	-29.60	55.52	74.00	18.48	PK	Horizontal
2	5460.000	44.01	33.00	5.48	-29.60	52.89	68.20	15.31	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5456.602	39.58	33.00	5.48	48.46	54.0	5.54	AV	Horizontal	
2	5460.000	37.78	33.00	5.48	46.66	54.0	7.34	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

ANT1 11A 5700 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

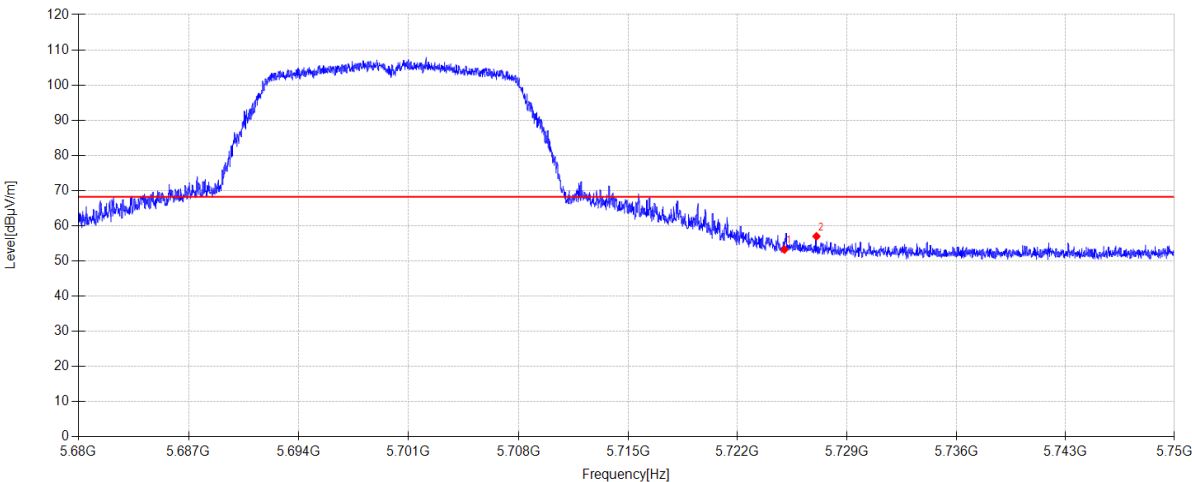
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\7

Memo:

Sample Number:S24091913-001 Power Setting:1C

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	43.43	33.75	5.66	-29.60	53.24	68.20	14.96	PK	Vertical
2	5727.047	47.15	33.76	5.66	-29.60	56.97	68.20	11.23	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

ANT1 11A 5700 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

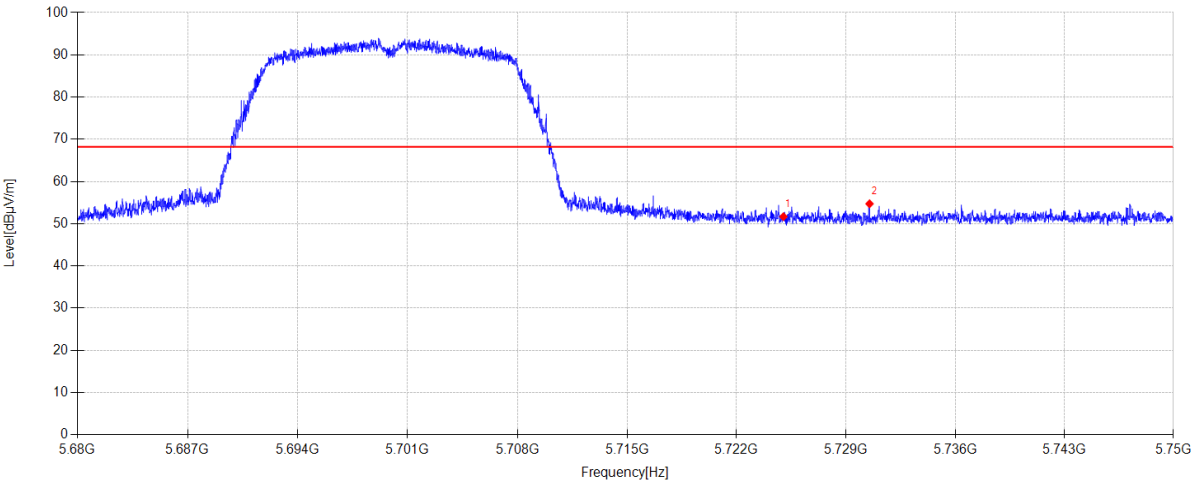
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\8

Memo:

Sample Number:S24091913-001 Power Setting:1C

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.87	33.75	5.66	-29.60	51.68	68.20	16.52	PK	Horizontal
2	5730.512	44.88	33.78	5.66	-29.60	54.72	68.20	13.48	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

ANT2 11A 5180 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

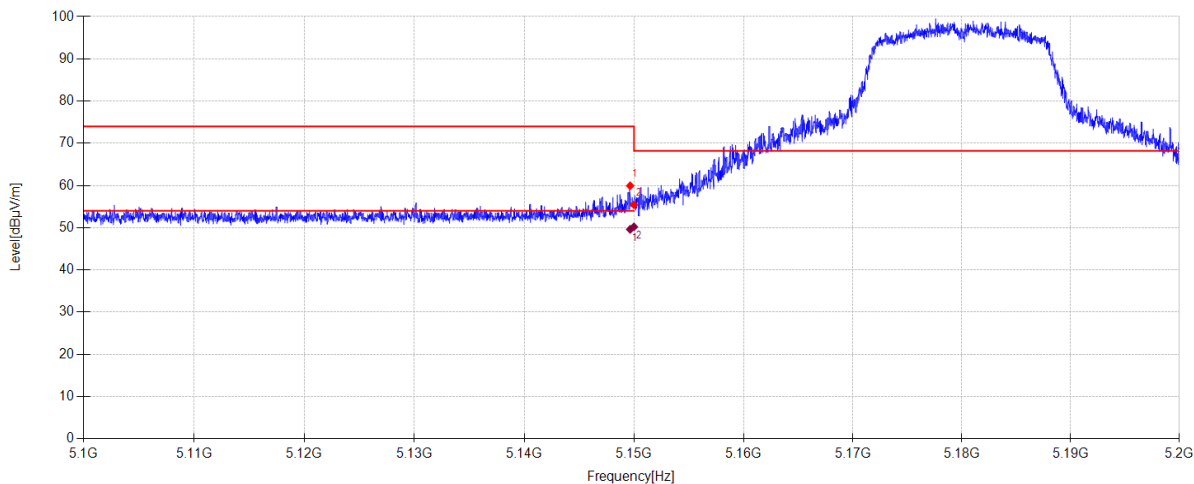
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\9

Memo:

Sample Number:S24091913-001 Power Setting:24

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5149.650	50.85	33.40	5.28	-29.60	59.93	74.00	14.07	PK	Vertical
2	5150.000	46.36	33.40	5.28	-29.60	55.44	68.20	12.76	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5149.650	40.54	33.40	5.28	49.62	54.0	4.38	AV	Vertical	
2	5149.993	41.12	33.40	5.28	50.20	54.0	3.80	AV	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

ANT2 11A 5180 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

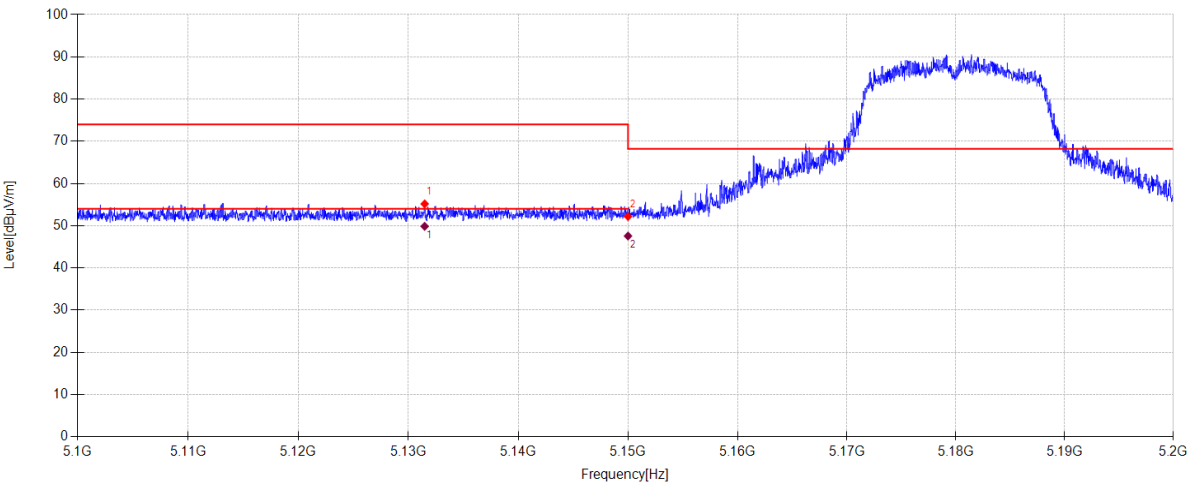
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\10

Memo:

Sample Number:S24091913-001 Power Setting:24

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5131.480	46.10	33.40	5.27	-29.60	55.17	74.00	18.83	PK	Horizontal
2	5150.000	43.11	33.40	5.28	-29.60	52.19	68.20	16.01	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5131.480	40.78	33.40	5.27	49.85	54.0	4.15	AV	Horizontal	
2	5150.000	38.48	33.40	5.28	47.56	54.0	6.44	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

ANT2 11A 5320 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

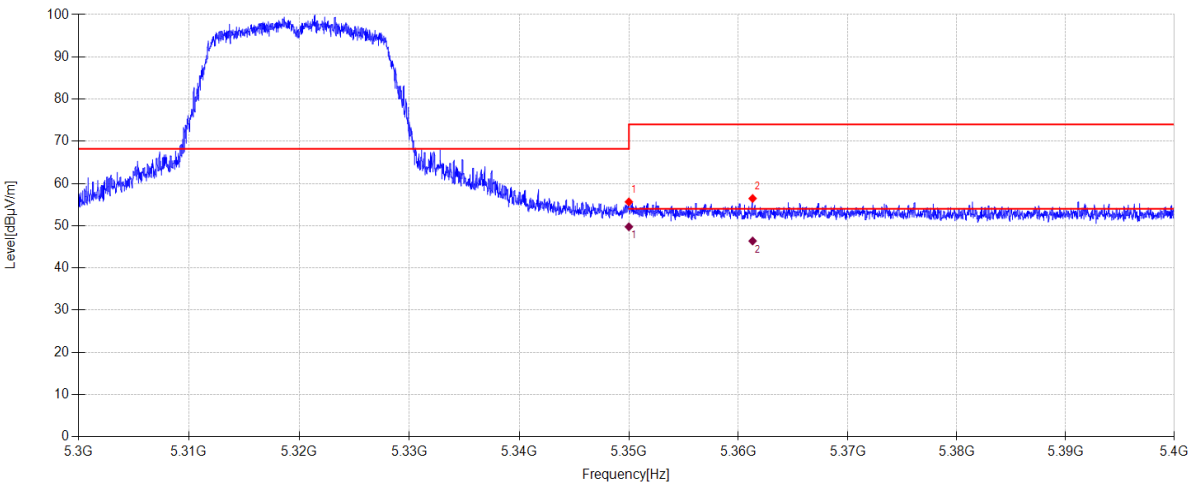
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\11

Memo:

Sample Number:S24091913-001 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	46.73	33.10	5.41	-29.60	55.64	68.20	12.56	PK	Vertical
2	5361.300	47.53	33.10	5.42	-29.60	56.45	74.00	17.55	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	40.84	33.10	5.41	49.75	54.0	4.25	AV	Vertical	
2	5361.300	37.46	33.10	5.42	46.38	54.0	7.62	AV	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

ANT2 11A 5320 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

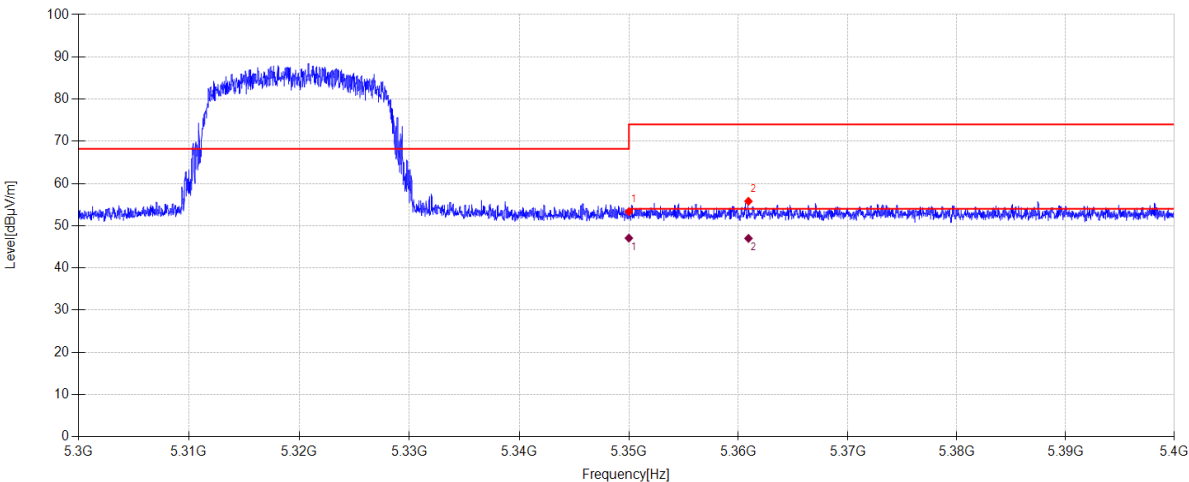
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\12

Memo:

Sample Number:S24091913-001 Power Setting:12

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	44.44	33.10	5.41	-29.60	53.35	68.20	14.85	PK	Horizontal
2	5360.920	46.87	33.10	5.42	-29.60	55.79	74.00	18.21	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.15	33.10	5.41	47.06	54.0	6.94	AV	Horizontal	
2	5360.920	38.08	33.10	5.42	47.00	54.0	7.00	AV	Horizontal	

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

ANT2 11A 5500 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

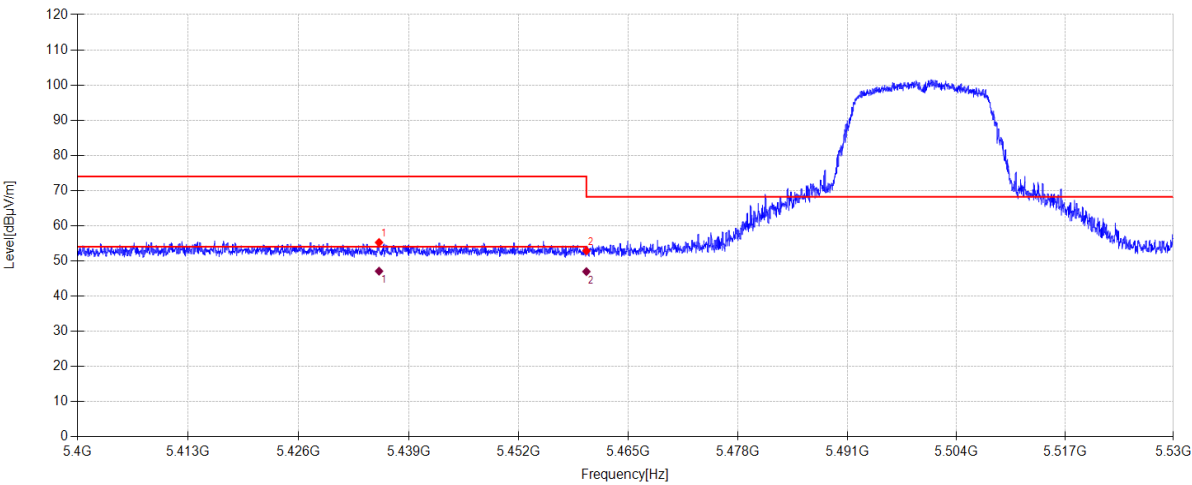
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\13

Memo:

Sample Number:S24091913-001 Power Setting:16

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5435.477	46.34	33.03	5.47	-29.60	55.24	74.00	18.76	PK	Vertical
2	5460.000	43.98	33.00	5.48	-29.60	52.86	68.20	15.34	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5435.477	38.18	33.03	5.47	47.08	54.0	6.92	AV	Vertical	
2	5460.000	38.08	33.00	5.48	46.96	54.0	7.04	AV	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

ANT2 11A 5500 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

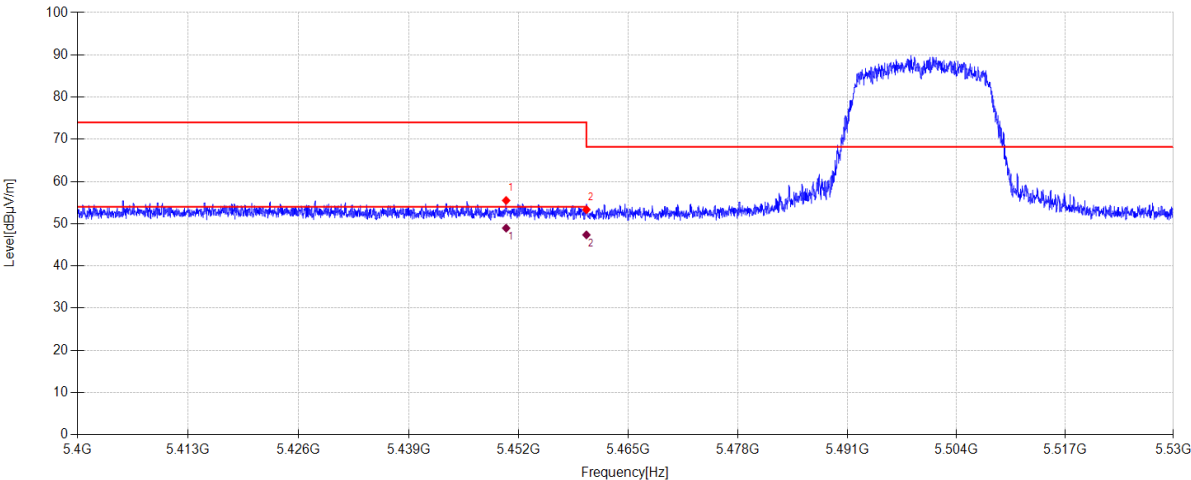
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\14

Memo:

Sample Number:S24091913-001 Power Setting:16

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5450.492	46.62	33.00	5.48	-29.60	55.50	74.00	18.50	PK	Horizontal
2	5460.000	44.46	33.00	5.48	-29.60	53.34	68.20	14.86	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5450.492	40.08	33.00	5.48	48.96	54.0	5.04	AV	Horizontal	
2	5460.000	38.48	33.00	5.48	47.36	54.0	6.64	AV	Horizontal	

Note:

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

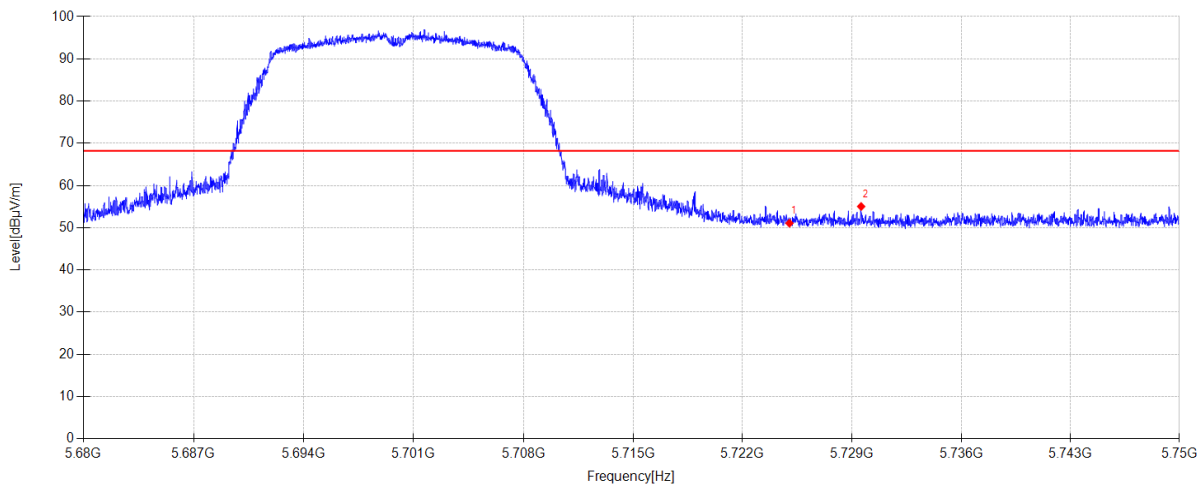
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: ANT2 11A 5700 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\15
Memo: Sample Number:S24091913-001 Power Setting:0A

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.26	33.75	5.66	-29.60	51.07	68.20	17.13	PK	Vertical
2	5729.588	45.19	33.78	5.66	-29.60	55.03	68.20	13.17	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

ANT2 11A 5700 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

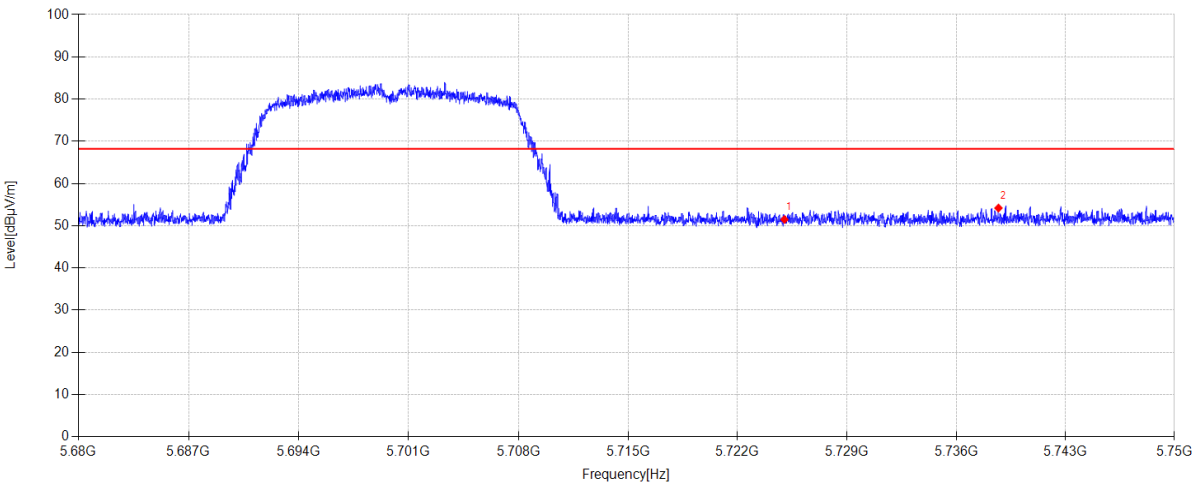
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\16

Memo:

Sample Number:S24091913-001 Power Setting:0A

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.67	33.75	5.66	-29.60	51.48	68.20	16.72	PK	Horizontal
2	5738.709	44.28	33.83	5.67	-29.60	54.18	68.20	14.02	PK	Horizontal

Note:

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

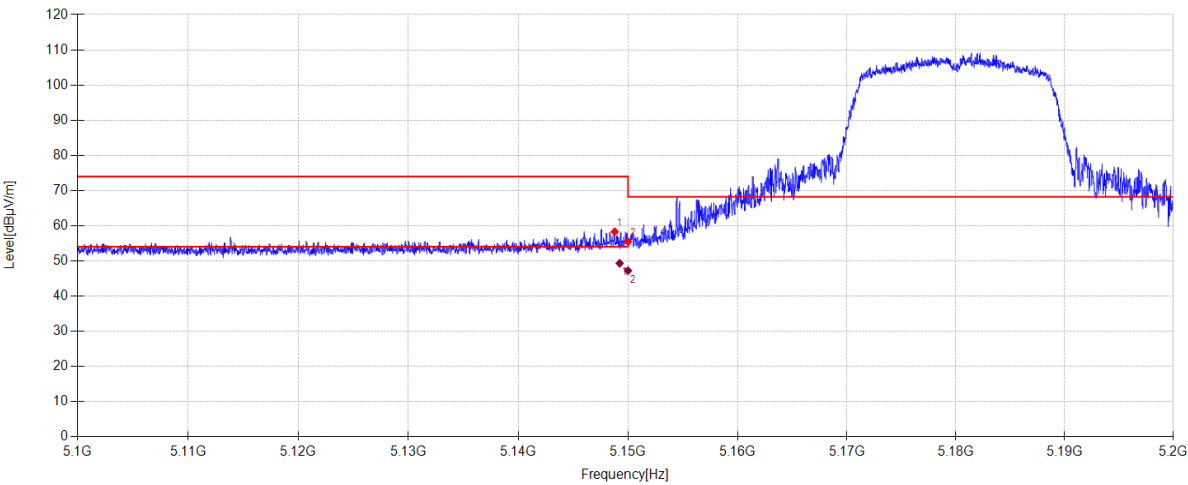
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: MIMO 11N20 5180 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\17
Memo: Sample Number:S24091913-001 Power Setting:22

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.790	49.20	33.40	5.28	-29.60	58.28	74.00	15.72	PK	Vertical
2	5150.000	46.43	33.40	5.28	-29.60	55.51	68.20	12.69	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5149.242	40.24	33.40	5.28	49.32	54.0	4.68	AV	Vertical	
2	5150.000	38.15	33.40	5.28	47.23	54.0	6.77	AV	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11N20 5180 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

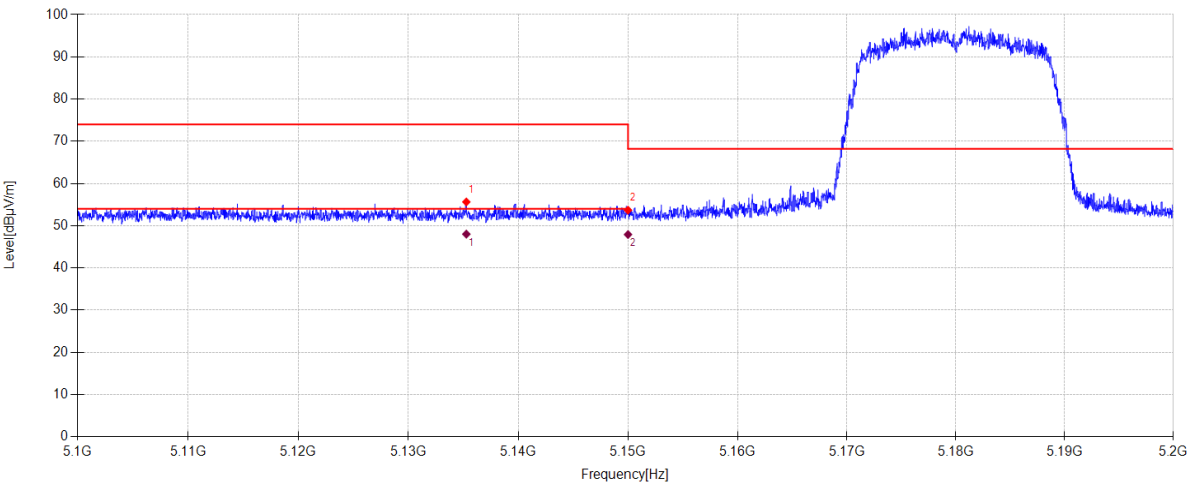
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\18

Memo:

Sample Number:S24091913-001 Power Setting:22

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5135.270	46.57	33.40	5.27	-29.60	55.64	74.00	18.36	PK	Horizontal
2	5150.000	44.60	33.40	5.28	-29.60	53.68	68.20	14.52	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5135.270	38.94	33.40	5.27	48.01	54.0	5.99	AV	Horizontal	
2	5150.000	38.84	33.40	5.28	47.92	54.0	6.08	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11N20 5320 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

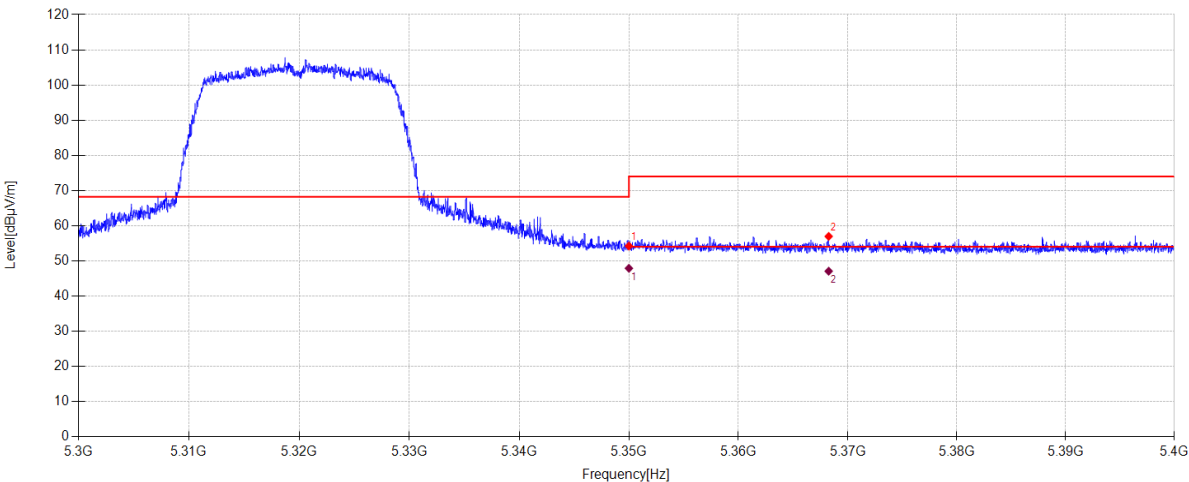
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\19

Memo:

Sample Number:S24091913-001 Power Setting:16

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	45.31	33.10	5.41	-29.60	54.22	68.20	13.98	PK	Vertical
2	5368.260	48.05	33.10	5.42	-29.60	56.97	74.00	17.03	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.98	33.10	5.41	47.89	54.0	6.11	AV	Vertical	
2	5368.260	38.15	33.10	5.42	47.07	54.0	6.93	AV	Vertical	

Note:

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

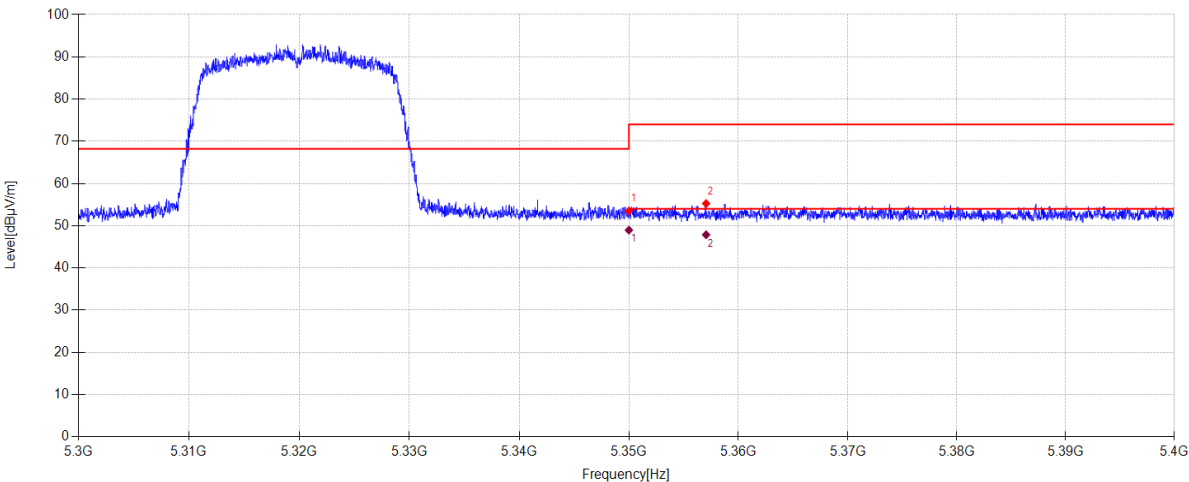
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: MIMO 11N20 5320 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\20
Memo: Sample Number:S24091913-001 Power Setting:16

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	44.58	33.10	5.41	-29.60	53.49	68.20	14.71	PK	Horizontal
2	5357.050	46.33	33.10	5.42	-29.60	55.25	74.00	18.75	PK	Horizontal

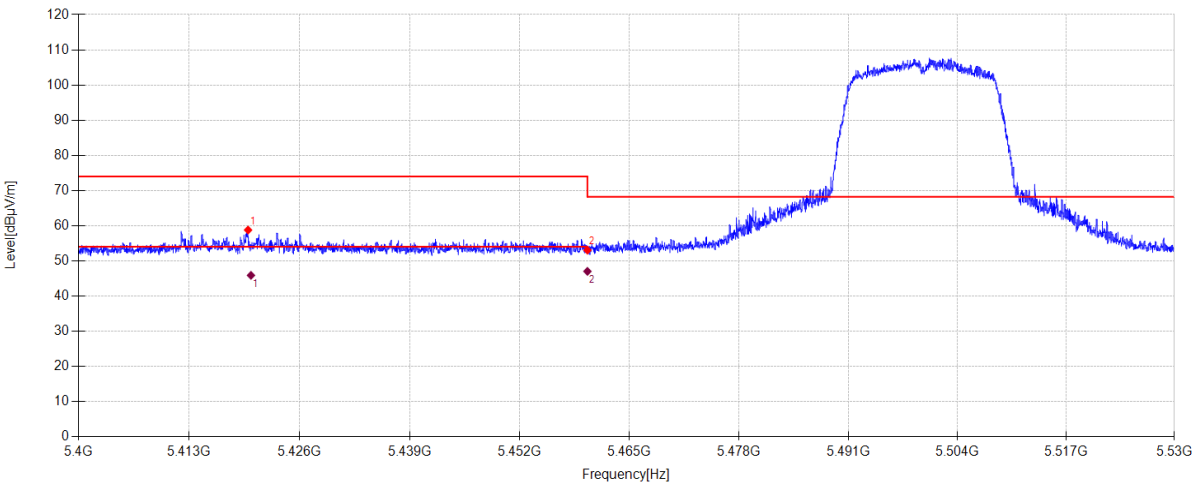
Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	40.05	33.10	5.41	48.96	54.0	5.04	AV	Horizontal	
2	5357.050	38.94	33.10	5.42	47.86	54.0	6.14	AV	Horizontal	

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: MIMO 11N20 5500 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\21
Memo: Sample Number:S24091913-001 Power Setting:19

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5419.929	49.86	33.06	5.46	-29.60	58.78	74.00	15.22	PK	Vertical
2	5460.000	44.17	33.00	5.48	-29.60	53.05	68.20	15.15	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5420.271	36.97	33.06	5.46	45.89	54.0	8.11	AV	Vertical	
2	5460.000	38.15	33.00	5.48	47.03	54.0	6.97	AV	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11N20 5500 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

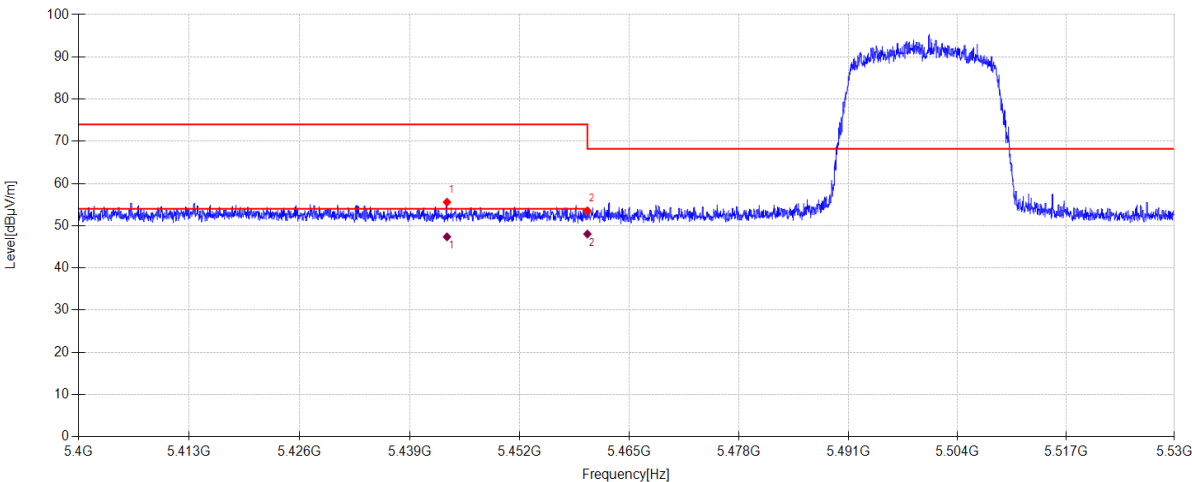
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\22

Memo:

Sample Number:S24091913-001 Power Setting:19

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5443.381	46.71	33.01	5.47	-29.60	55.59	74.00	18.41	PK	Horizontal
2	5460.000	44.66	33.00	5.48	-29.60	53.54	68.20	14.66	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5443.381	38.48	33.01	5.47	47.36	54.0	6.64	AV	Horizontal	
2	5460.000	39.15	33.00	5.48	48.03	54.0	5.97	AV	Horizontal	

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11N20 5700 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

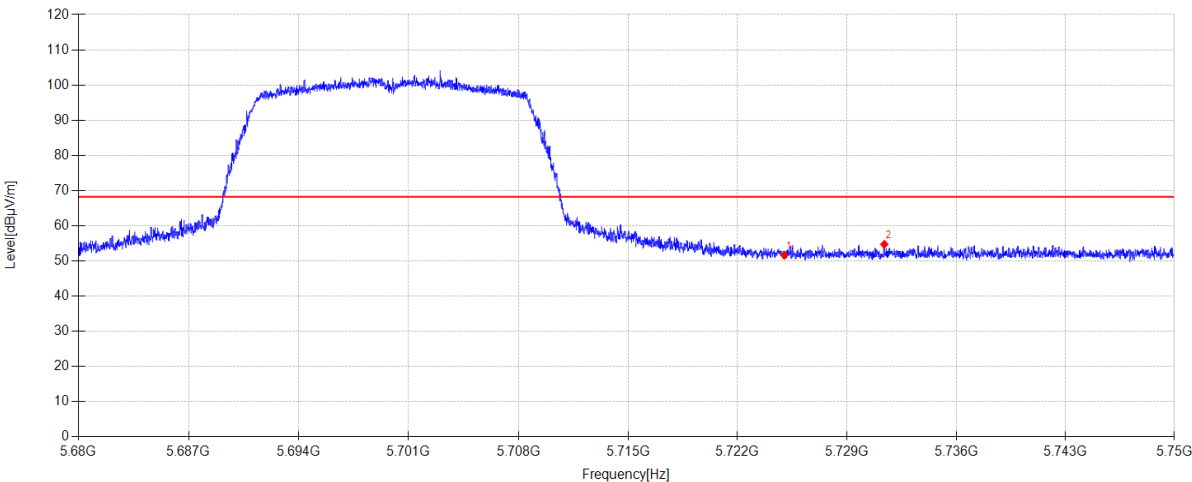
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\23

Memo:

Sample Number:S24091913-001 Power Setting:0D

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.80	33.75	5.66	-29.60	51.61	68.20	16.59	PK	Vertical
2	5731.394	44.86	33.79	5.66	-29.60	54.71	68.20	13.49	PK	Vertical

Note:

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

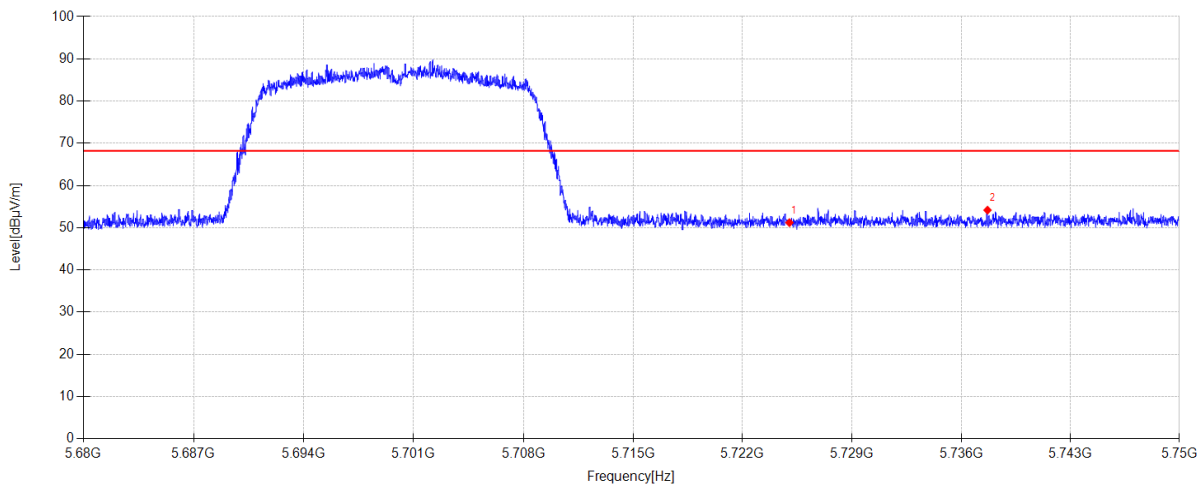
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: MIMO 11N20 5700 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\24
Memo: Sample Number:S24091913-001 Power Setting:0D

Test Graph



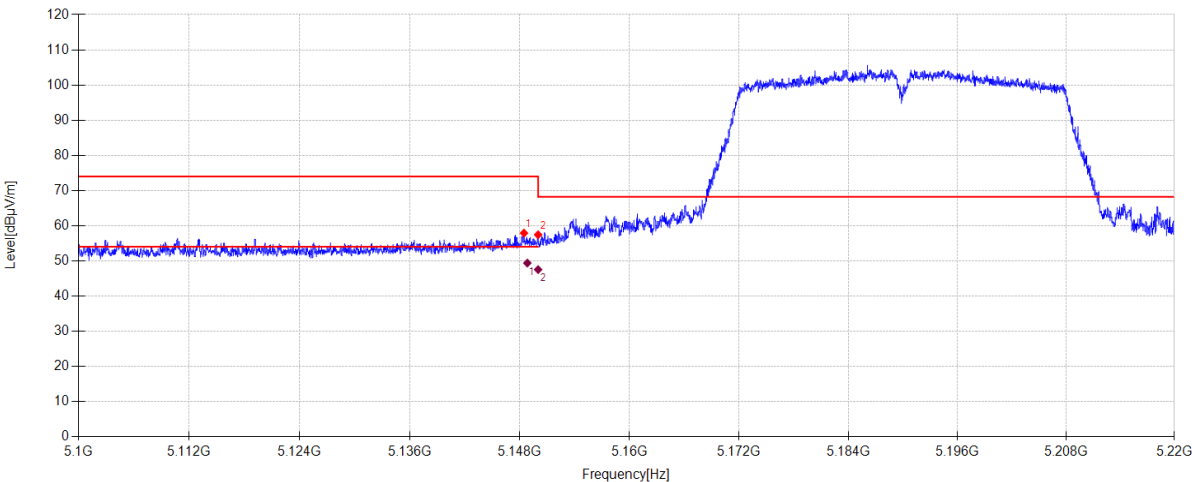
Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.40	33.75	5.66	-29.60	51.21	68.20	16.99	PK	Horizontal
2	5737.687	44.26	33.83	5.67	-29.60	54.16	68.20	14.04	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: MIMO 11N40 5190 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\25
Memo: Sample Number:S24091913-001 Power Setting:17

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.456	48.83	33.40	5.28	-29.60	57.91	74.00	16.09	PK	Vertical
2	5150.000	48.35	33.40	5.28	-29.60	57.43	68.20	10.77	PK	Vertical

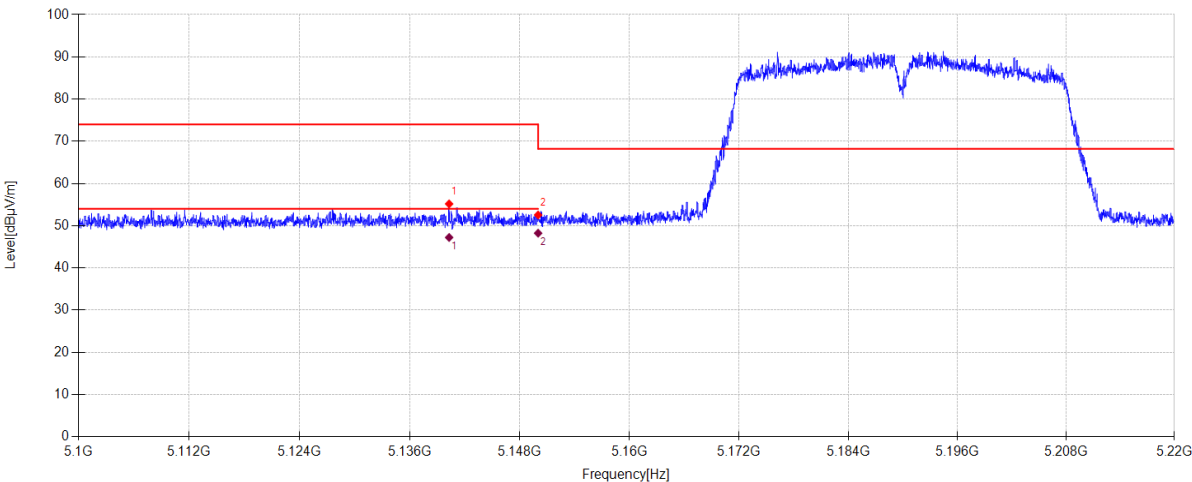
Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5148.823	40.31	33.40	5.28	49.39	54.0	4.61	AV	Vertical	
2	5150.000	38.45	33.40	5.28	47.53	54.0	6.47	AV	Vertical	

- 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: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: MIMO 11N40 5190 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\26
Memo: Sample Number:S24091913-001 Power Setting:17

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5140.284	46.10	33.40	5.27	-29.60	55.17	74.00	18.83	PK	Horizontal
2	5150.000	43.47	33.40	5.28	-29.60	52.55	68.20	15.65	PK	Horizontal

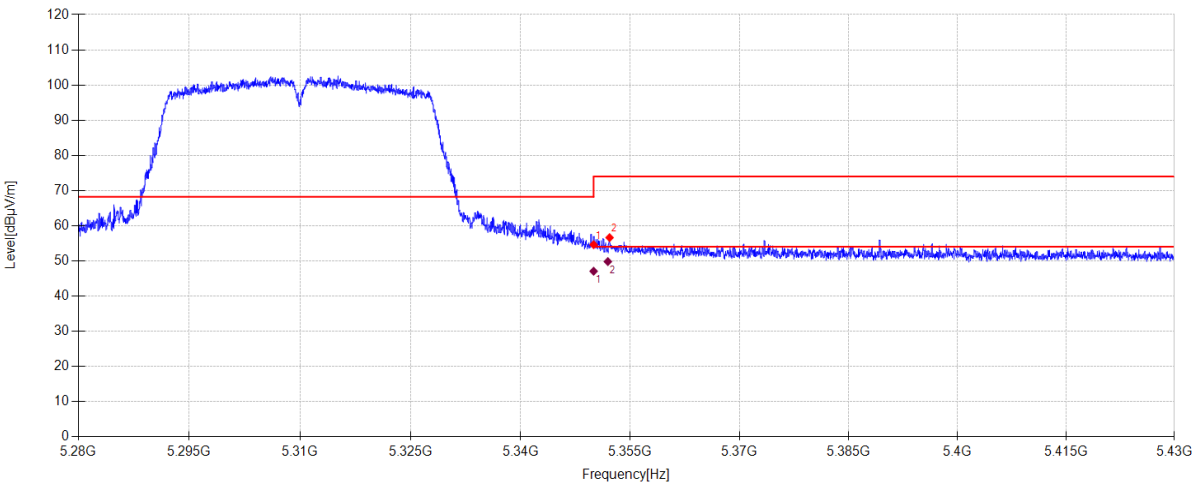
Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5140.284	38.15	33.40	5.27	47.22	54.0	6.78	AV	Horizontal
2	5150.000	39.15	33.40	5.28	48.23	54.0	5.77	AV	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: MIMO 11N40 5310 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\27
Memo: Sample Number:S24091913-001 Power Setting:19

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	45.70	33.10	5.41	-29.60	54.61	68.20	13.59	PK	Vertical
2	5352.180	47.71	33.10	5.41	-29.60	56.62	74.00	17.38	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.15	33.10	5.41	47.06	54.0	6.94	AV	Vertical	
2	5351.947	40.90	33.10	5.41	49.81	54.0	4.19	AV	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11N40 5310 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

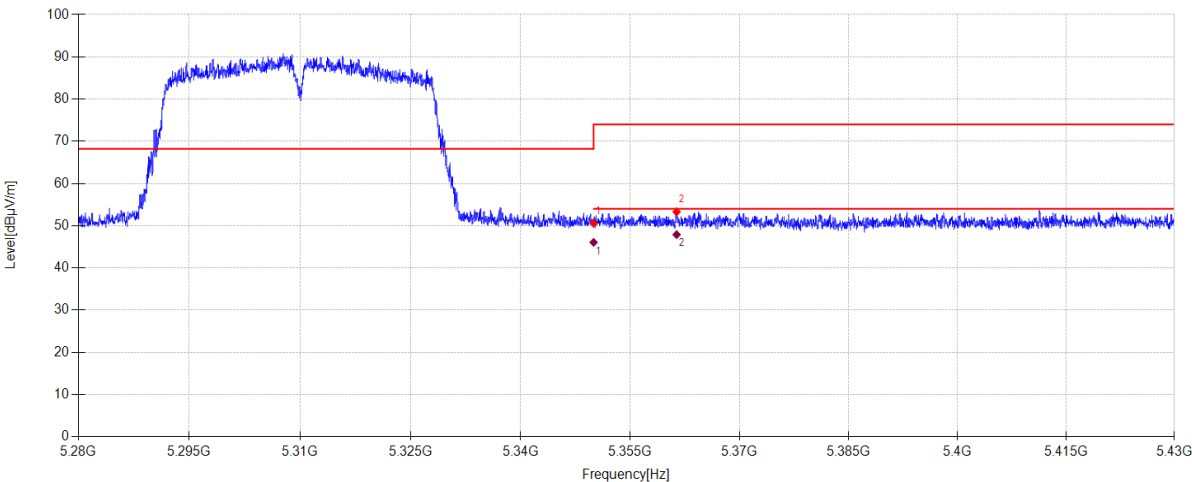
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\28

Memo:

Sample Number:S24091913-001 Power Setting:19

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	41.68	33.10	5.41	-29.60	50.59	68.20	17.61	PK	Horizontal
2	5361.360	44.37	33.10	5.42	-29.60	53.29	74.00	20.71	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	37.15	33.10	5.41	46.06	54.0	7.94	AV	Horizontal	
2	5361.360	38.97	33.10	5.42	47.89	54.0	6.11	AV	Horizontal	

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

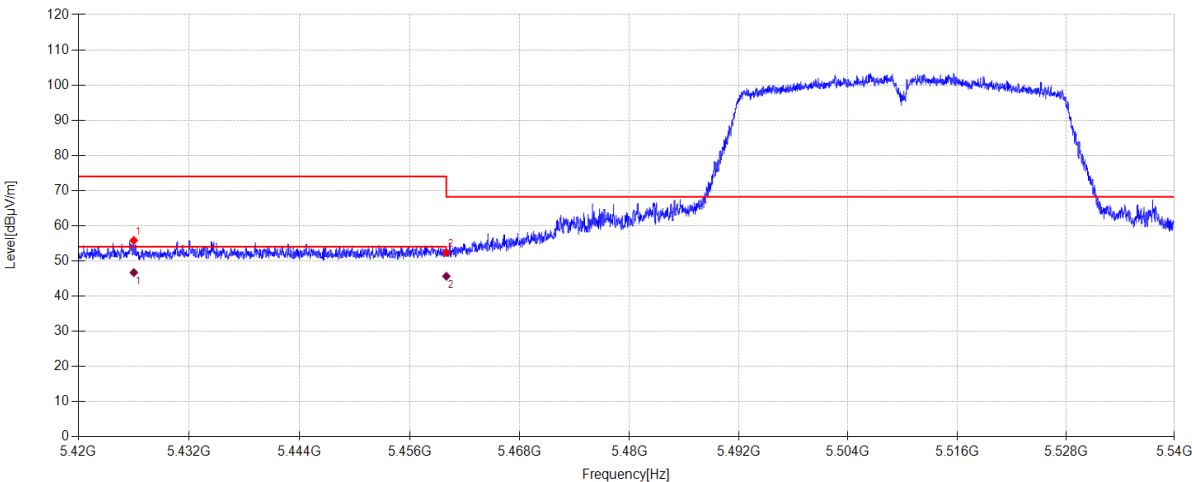
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: MIMO 11N40 5510 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\29
Memo: Sample Number:S24091913-001 Power Setting:1D

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5426.012	46.92	33.05	5.46	-29.60	55.83	74.00	18.17	PK	Vertical
2	5460.000	43.51	33.00	5.48	-29.60	52.39	68.20	15.81	PK	Vertical

Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5426.012	37.78	33.05	5.46	46.69	54.0	7.31	AV	Vertical
2	5460.000	36.75	33.00	5.48	45.63	54.0	8.37	AV	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11N40 5510 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

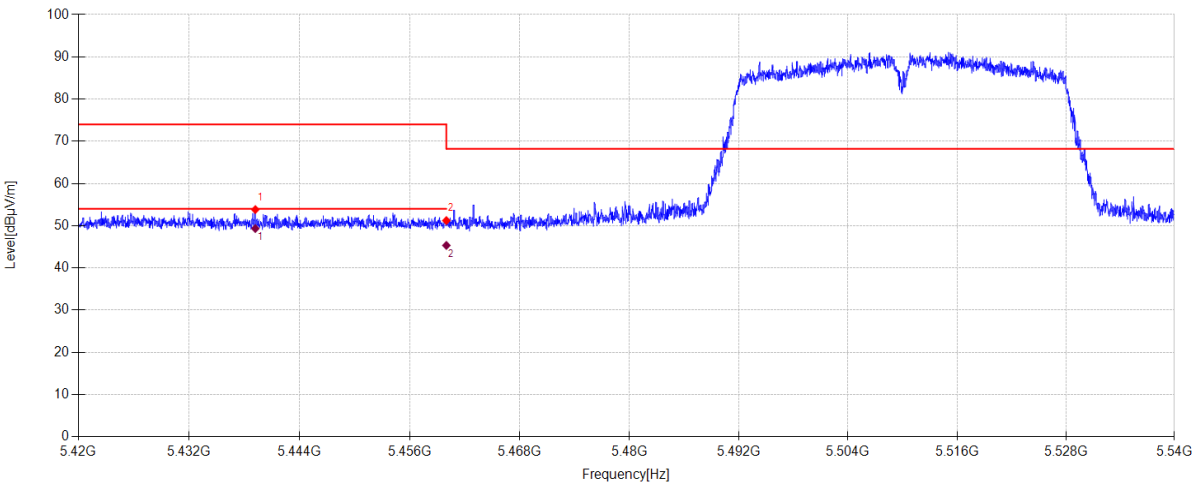
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\30

Memo:

Sample Number:S24091913-001 Power Setting:1D

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5439.200	44.94	33.02	5.47	-29.60	53.83	74.00	20.17	PK	Horizontal
2	5460.000	42.34	33.00	5.48	-29.60	51.22	68.20	16.98	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5439.200	40.45	33.02	5.47	49.34	54.0	4.66	AV	Horizontal	
2	5460.000	36.45	33.00	5.48	45.33	54.0	8.67	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11N40 5670 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

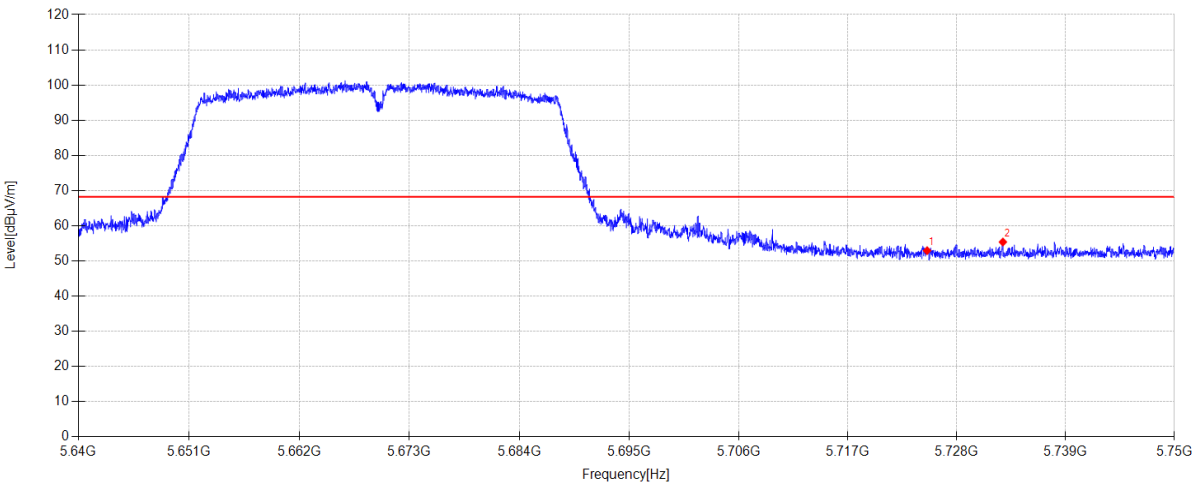
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\31

Memo:

Sample Number:S24091913-001 Power Setting:10

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	43.11	33.75	5.66	-29.60	52.92	68.20	15.28	PK	Vertical
2	5732.653	45.51	33.80	5.66	-29.60	55.37	68.20	12.83	PK	Vertical

Note:

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

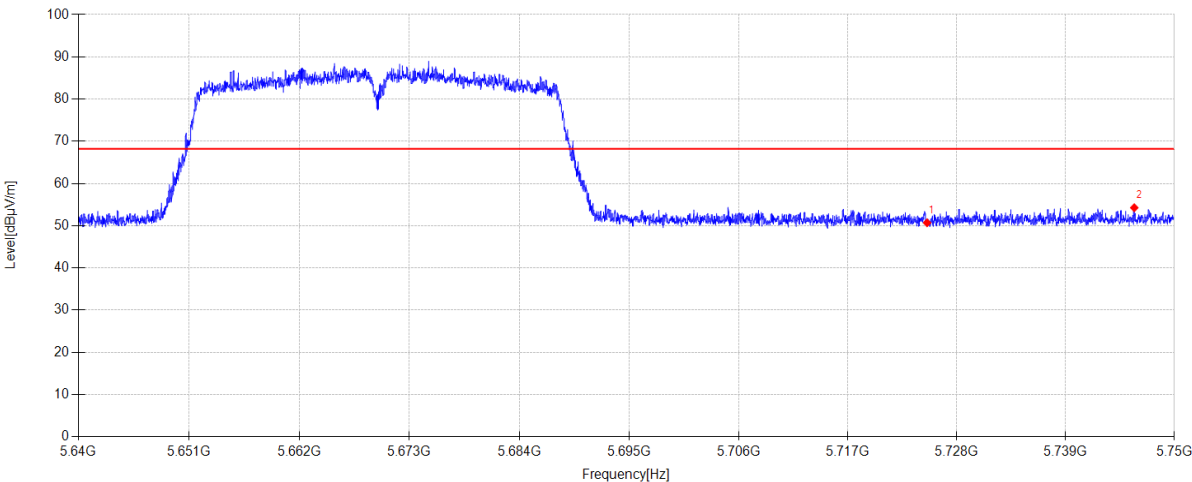
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: MIMO 11N40 5670 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\32
Memo: Sample Number:S24091913-001 Power Setting:10

Test Graph



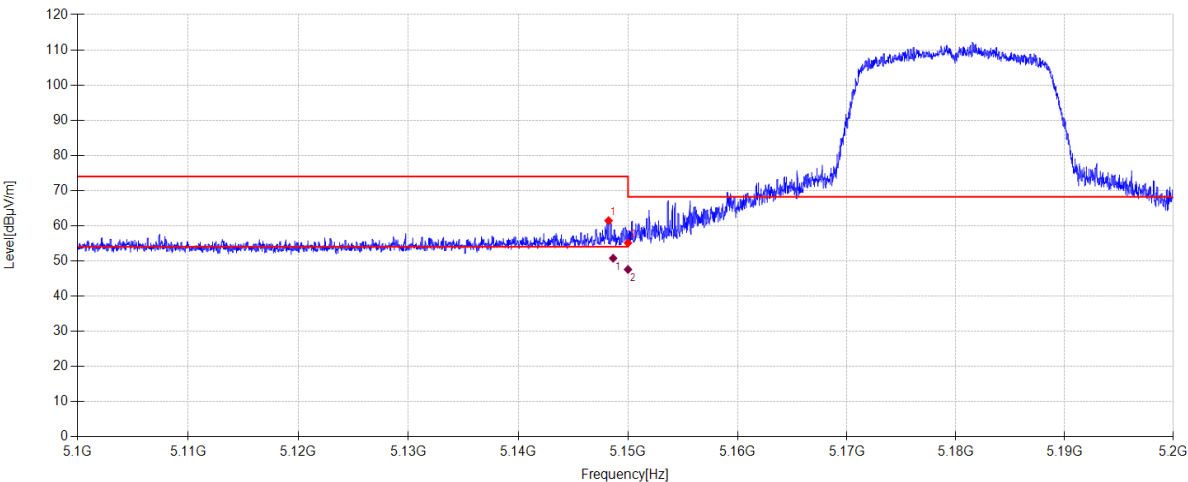
Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	40.89	33.75	5.66	-29.60	50.70	68.20	17.50	PK	Horizontal
2	5745.941	44.31	33.88	5.67	-29.60	54.26	68.20	13.94	PK	Horizontal

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: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: MIMO 11AC20 5180 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\33
Memo: Sample Number:S24091913-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5148.230	52.36	33.40	5.28	-29.60	61.44	74.00	12.56	PK	Vertical
2	5150.000	46.01	33.40	5.28	-29.60	55.09	68.20	13.11	PK	Vertical

Data List									
N O.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	5148.643	41.68	33.40	5.28	50.76	54.0	3.24	AV	Vertical
2	5150.000	38.48	33.40	5.28	47.56	54.0	6.44	AV	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11AC20 5180 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

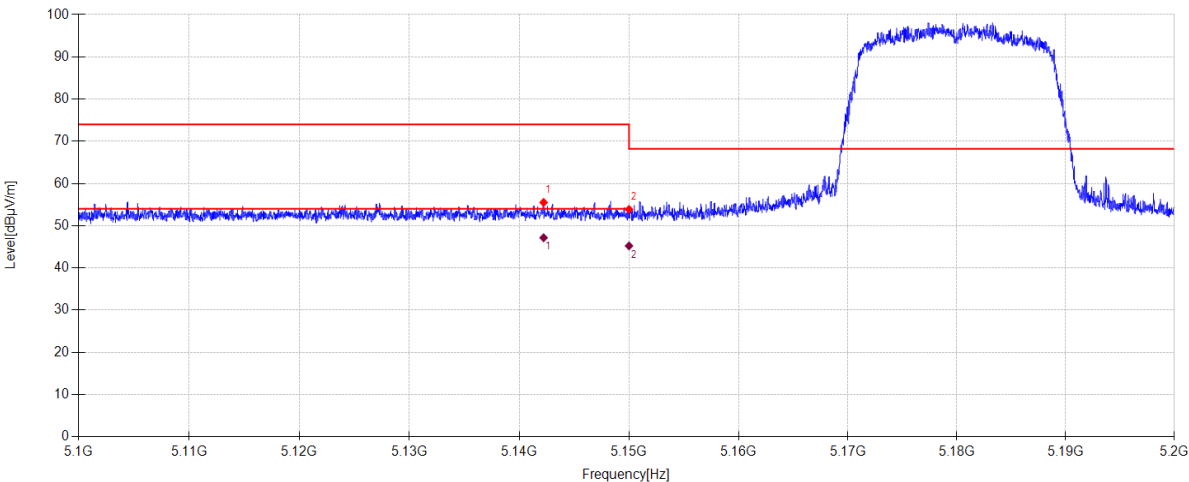
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\34

Memo:

Sample Number:S24091913-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5142.210	46.45	33.40	5.27	-29.60	55.52	74.00	18.48	PK	Horizontal
2	5150.000	44.80	33.40	5.28	-29.60	53.88	68.20	14.32	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5142.210	38.08	33.40	5.27	47.15	54.0	6.85	AV	Horizontal	
2	5150.000	36.15	33.40	5.28	45.23	54.0	8.77	AV	Horizontal	

Note:

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

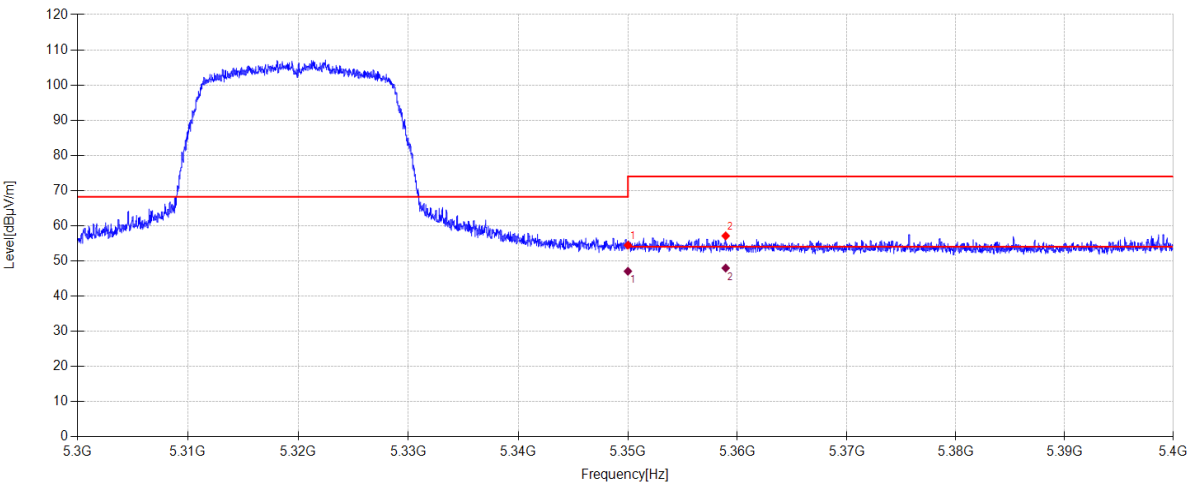
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: MIMO 11AC20 5320 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\35
Memo: Sample Number:S24091913-001 Power Setting:16

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	45.55	33.10	5.41	-29.60	54.46	68.20	13.74	PK	Vertical
2	5358.930	48.19	33.10	5.42	-29.60	57.11	74.00	16.89	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.15	33.10	5.41	47.06	54.0	6.94	AV	Vertical	
2	5358.930	39.04	33.10	5.42	47.96	54.0	6.04	AV	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11AC20 5320 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

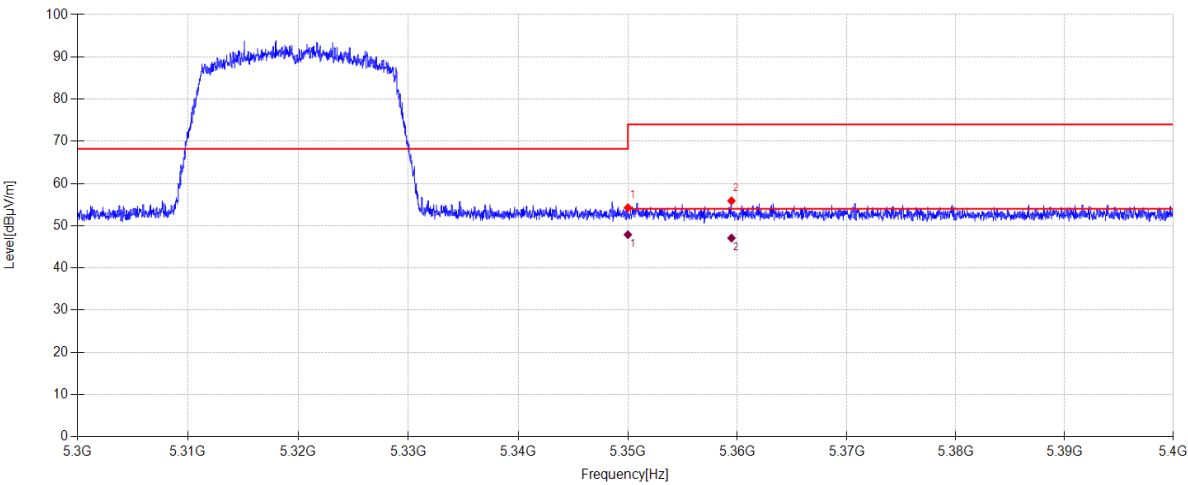
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\36

Memo:

Sample Number:S24091913-001 Power Setting:16

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	45.35	33.10	5.41	-29.60	54.26	68.20	13.94	PK	Horizontal
2	5359.460	46.97	33.10	5.42	-29.60	55.89	74.00	18.11	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.97	33.10	5.41	47.88	54.0	6.12	AV	Horizontal	
2	5359.460	38.15	33.10	5.42	47.07	54.0	6.93	AV	Horizontal	

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11AC20 5500 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

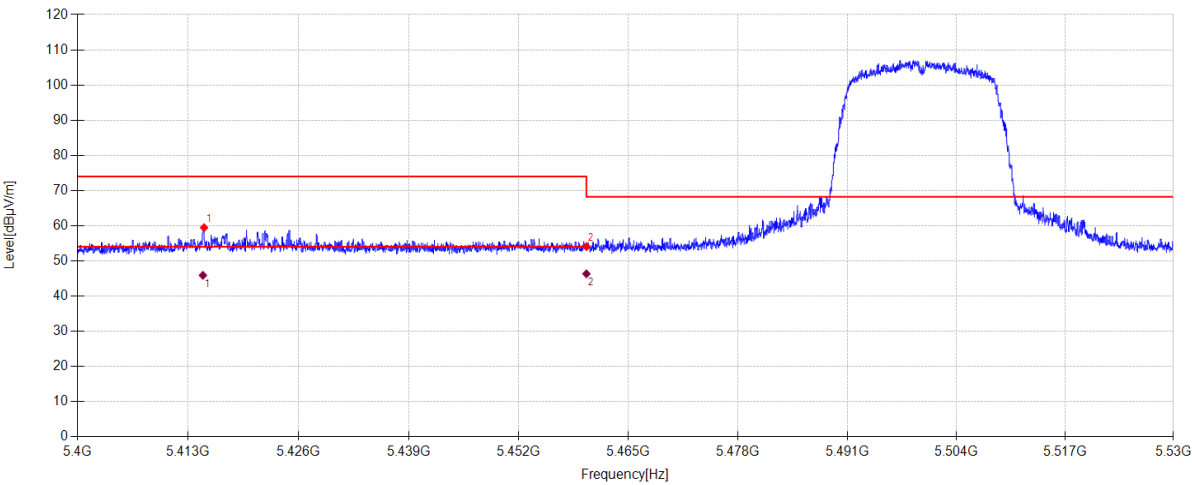
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\37

Memo:

Sample Number:S24091913-001 Power Setting:18

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5414.872	50.53	33.07	5.45	-29.60	59.45	74.00	14.55	PK	Vertical
2	5460.000	45.20	33.00	5.48	-29.60	54.08	68.20	14.12	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5414.739	36.97	33.07	5.45	45.89	54.0	8.11	AV	Vertical	
2	5460.000	37.45	33.00	5.48	46.33	54.0	7.67	AV	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11AC20 5500 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

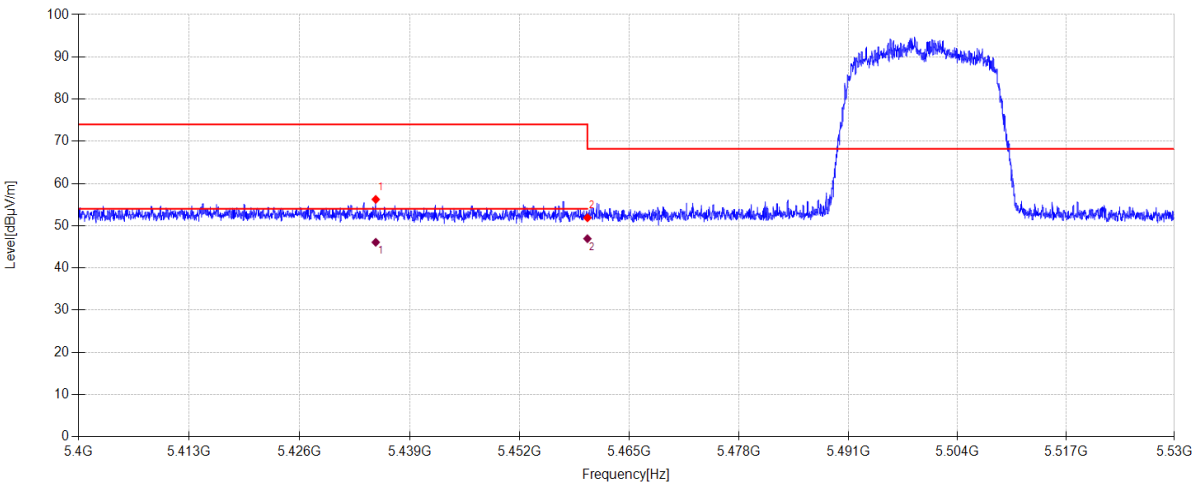
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\38

Memo:

Sample Number:S24091913-001 Power Setting:18

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5434.970	47.34	33.03	5.47	-29.60	56.24	74.00	17.76	PK	Horizontal
2	5460.000	43.00	33.00	5.48	-29.60	51.88	68.20	16.32	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5434.970	37.18	33.03	5.47	46.08	54.0	7.92	AV	Horizontal	
2	5460.000	38.05	33.00	5.48	46.93	54.0	7.07	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11AC20 5700 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

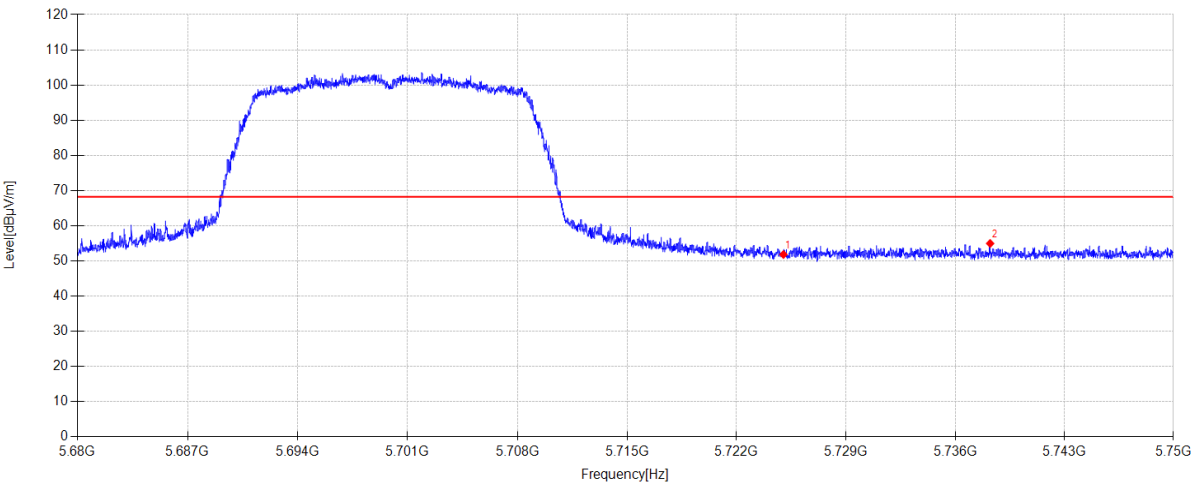
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\39

Memo:

Sample Number:S24091913-001 Power Setting:0E

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	42.01	33.75	5.66	-29.60	51.82	68.20	16.38	PK	Vertical
2	5738.240	45.06	33.83	5.67	-29.60	54.96	68.20	13.24	PK	Vertical

Note:

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

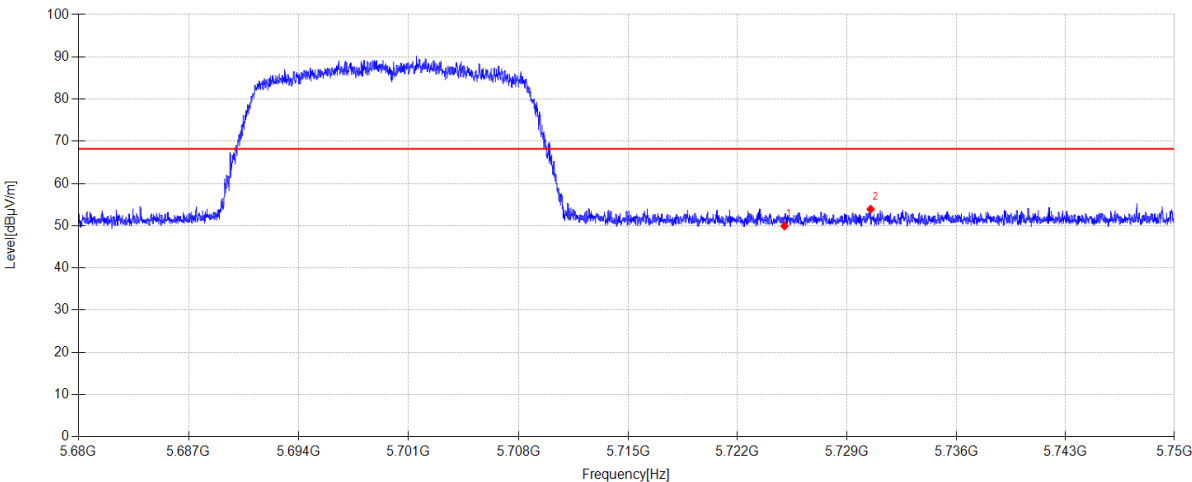
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: MIMO 11AC20 5700 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\40
Memo: Sample Number:S24091913-001 Power Setting:0E

Test Graph



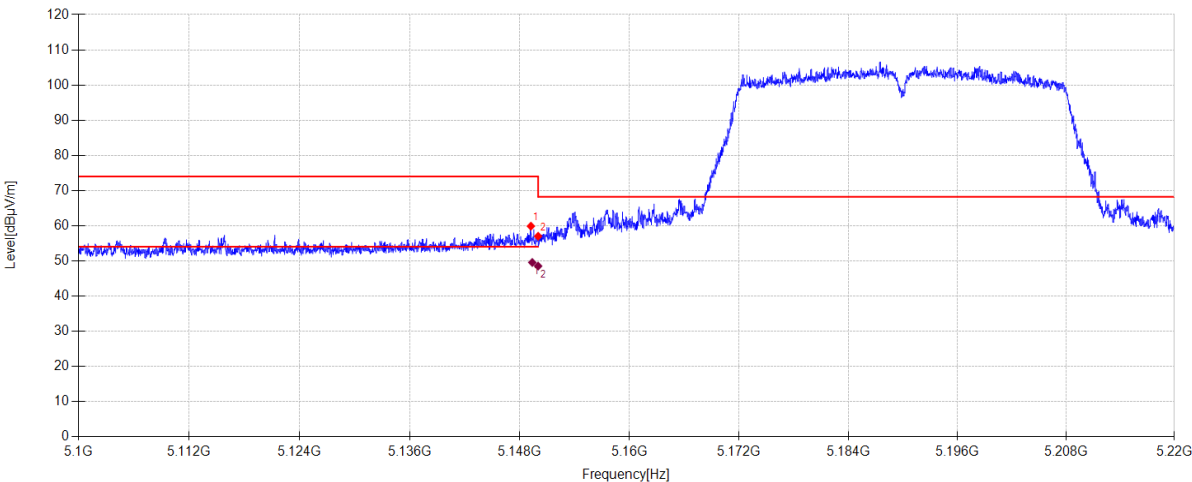
Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	40.13	33.75	5.66	-29.60	49.94	68.20	18.26	PK	Horizontal
2	5730.519	44.07	33.78	5.66	-29.60	53.91	68.20	14.29	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: MIMO 11AC40 5190 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\41
Memo: Sample Number:S24091913-001 Power Setting:19

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5149.212	50.79	33.40	5.28	-29.60	59.87	74.00	14.13	PK	Vertical
2	5150.000	47.93	33.40	5.28	-29.60	57.01	68.20	11.19	PK	Vertical

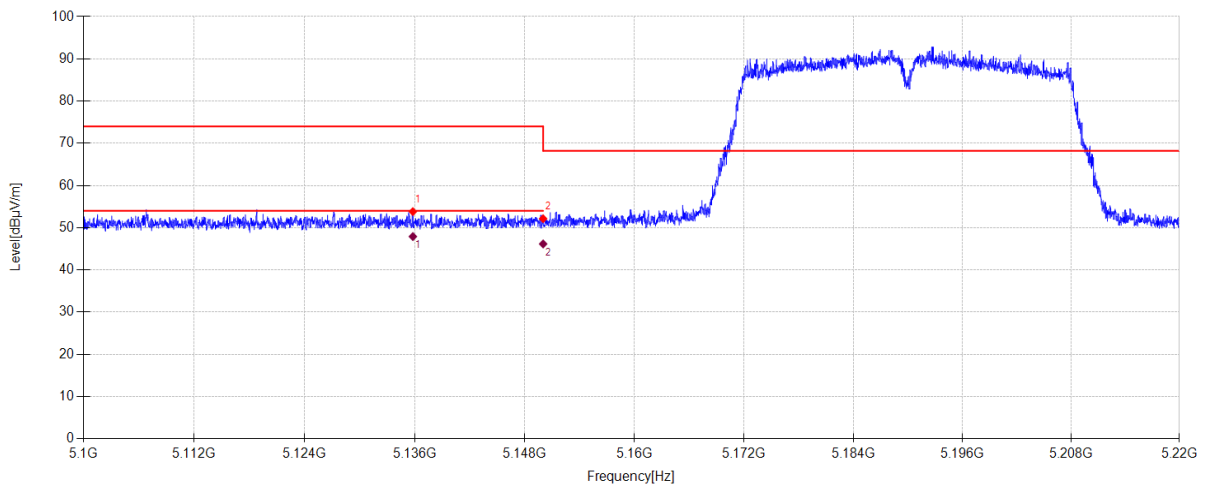
Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5149.365	40.47	33.40	5.28	49.55	54.0	4.45	AV	Vertical	
2	5150.000	39.45	33.40	5.28	48.53	54.0	5.47	AV	Vertical	

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: 2025-01-12 **Tested By:** Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router **Model Number:** NM1274CB
Test Mode: MIMO 11AC40 5190 TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\42
Memo: Sample Number:S24091913-001 Power Setting:19

Test Graph



Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5135.784	44.74	33.40	5.27	-29.60	53.81	74.00	20.19	PK	Horizontal
2	5150.000	43.06	33.40	5.28	-29.60	52.14	68.20	16.06	PK	Horizontal

Data List

N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5135.784	38.84	33.40	5.27	47.91	54.0	6.09	AV	Horizontal
2	5150.000	37.08	33.40	5.28	46.16	54.0	7.84	AV	Horizontal

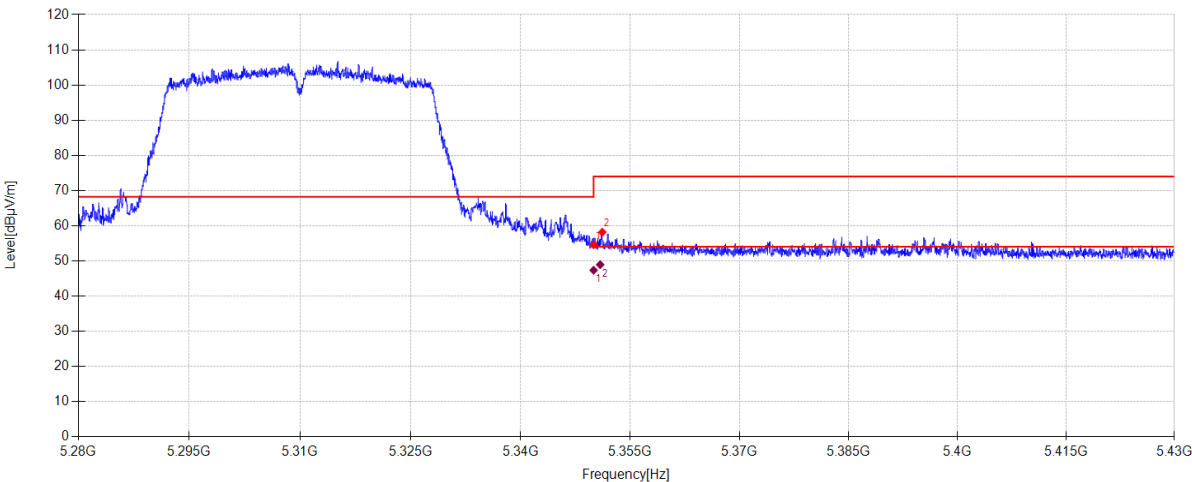
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: MIMO 11AC40 5310 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\43
Memo: Sample Number:S24091913-001 Power Setting:19

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	45.68	33.10	5.41	-29.60	54.59	68.20	13.61	PK	Vertical
2	5351.190	49.26	33.10	5.41	-29.60	58.17	74.00	15.83	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.45	33.10	5.41	47.36	54.0	6.64	AV	Vertical	
2	5350.891	40.03	33.10	5.41	48.94	54.0	5.06	AV	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11AC40 5310 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

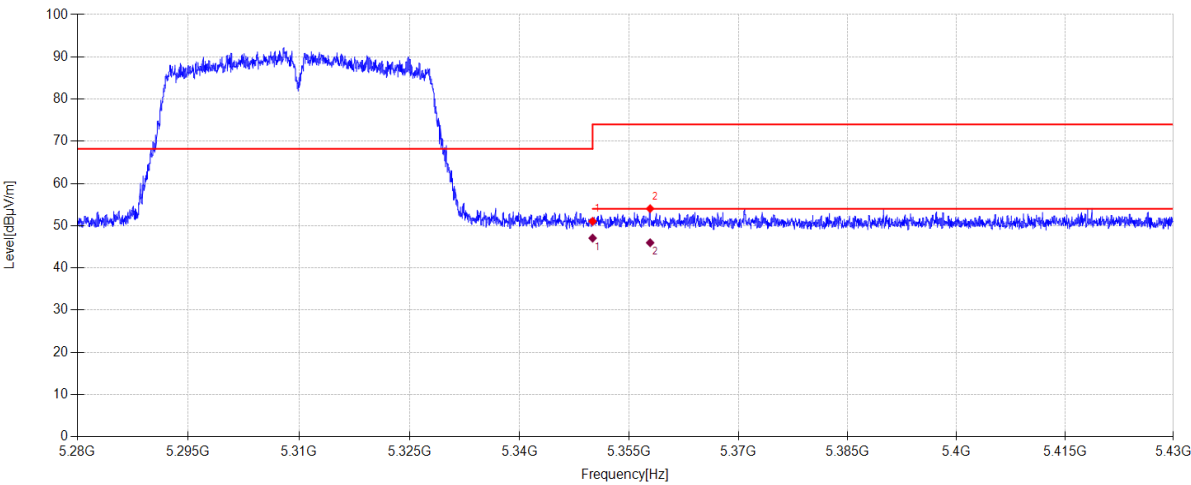
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\44

Memo:

Sample Number:S24091913-001 Power Setting:19

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	42.13	33.10	5.41	-29.60	51.04	68.20	17.16	PK	Horizontal
2	5357.865	45.12	33.10	5.42	-29.60	54.04	74.00	19.96	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.15	33.10	5.41	47.06	54.0	6.94	AV	Horizontal	
2	5357.865	37.05	33.10	5.42	45.97	54.0	8.03	AV	Horizontal	

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

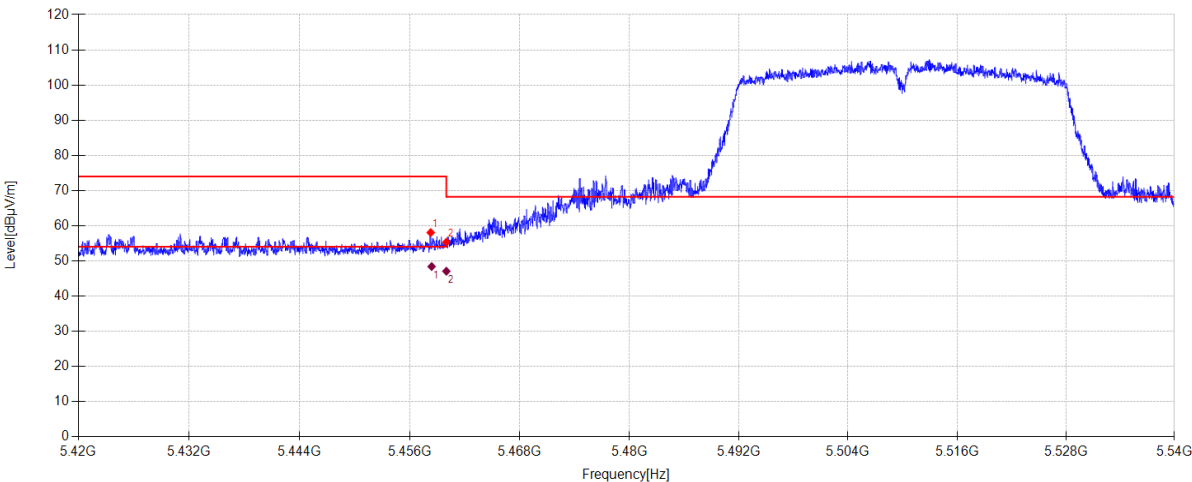
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-12 Tested By: Gen Liu
EUT: AC1200 Dual Band Wi-Fi Router Model Number: NM1274CB
Test Mode: MIMO 11AC40 5510 TX Mode Power Supply: AC 120V/60Hz
Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\45
Memo: Sample Number:S24091913-001 Power Setting:1D

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.292	49.17	33.00	5.48	-29.60	58.05	74.00	15.95	PK	Vertical
2	5460.000	46.44	33.00	5.48	-29.60	55.32	68.20	12.88	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5458.396	39.52	33.00	5.48	48.40	54.0	5.60	AV	Vertical	
2	5460.000	38.18	33.00	5.48	47.06	54.0	6.94	AV	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11AC40 5510 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

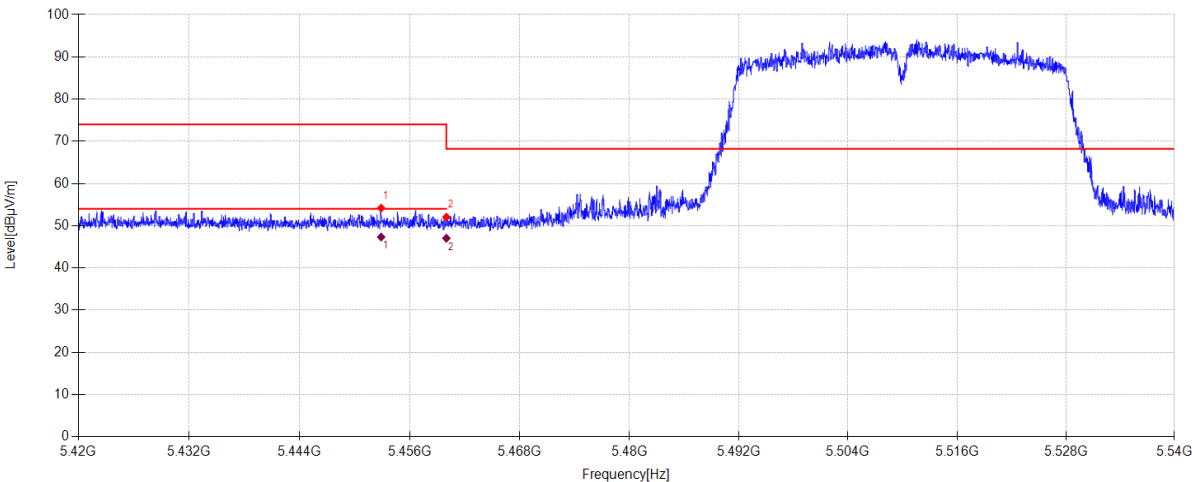
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\46

Memo:

Sample Number:S24091913-001 Power Setting:1D

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5452.892	45.30	33.00	5.48	-29.60	54.18	74.00	19.82	PK	Horizontal
2	5460.000	43.16	33.00	5.48	-29.60	52.04	68.20	16.16	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5452.892	38.44	33.00	5.48	47.32	54.0	6.68	AV	Horizontal	
2	5460.000	38.15	33.00	5.48	47.03	54.0	6.97	AV	Horizontal	

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11AC40 5670 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

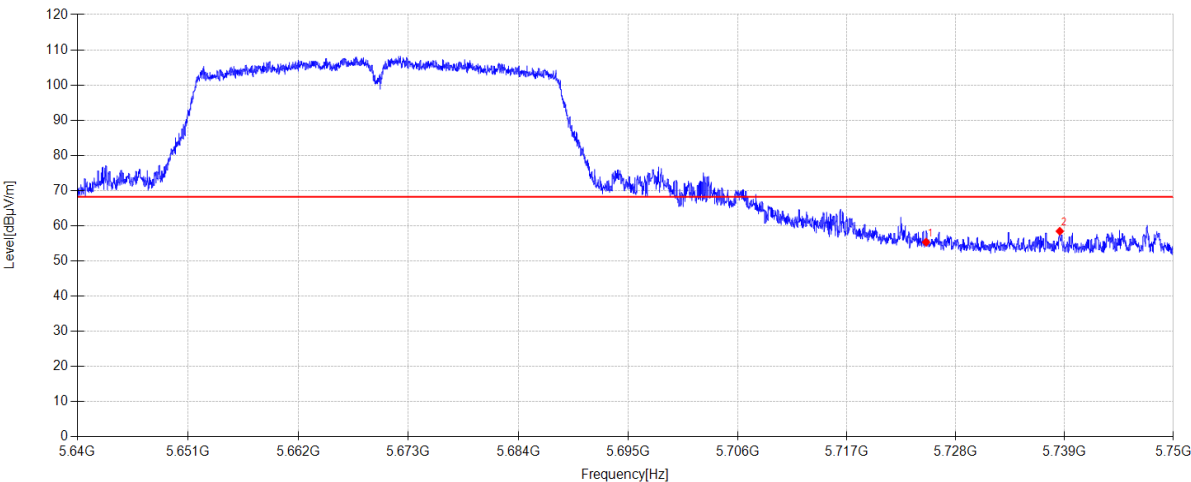
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\47

Memo:

Sample Number:S24091913-001 Power Setting:1E

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	45.52	33.75	5.66	-29.60	55.33	68.20	12.87	PK	Vertical
2	5738.505	48.53	33.83	5.67	-29.60	58.43	68.20	9.77	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11AC40 5670 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

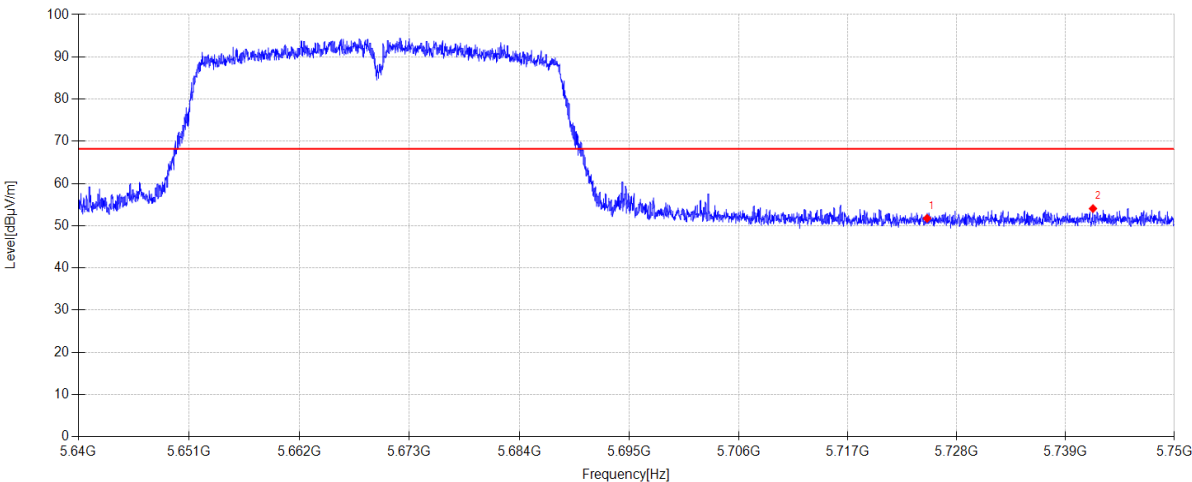
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\48

Memo:

Sample Number:S24091913-001 Power Setting:1E

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.93	33.75	5.66	-29.60	51.74	68.20	16.46	PK	Horizontal
2	5741.761	44.14	33.85	5.67	-29.60	54.06	68.20	14.14	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11AC80 5210 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

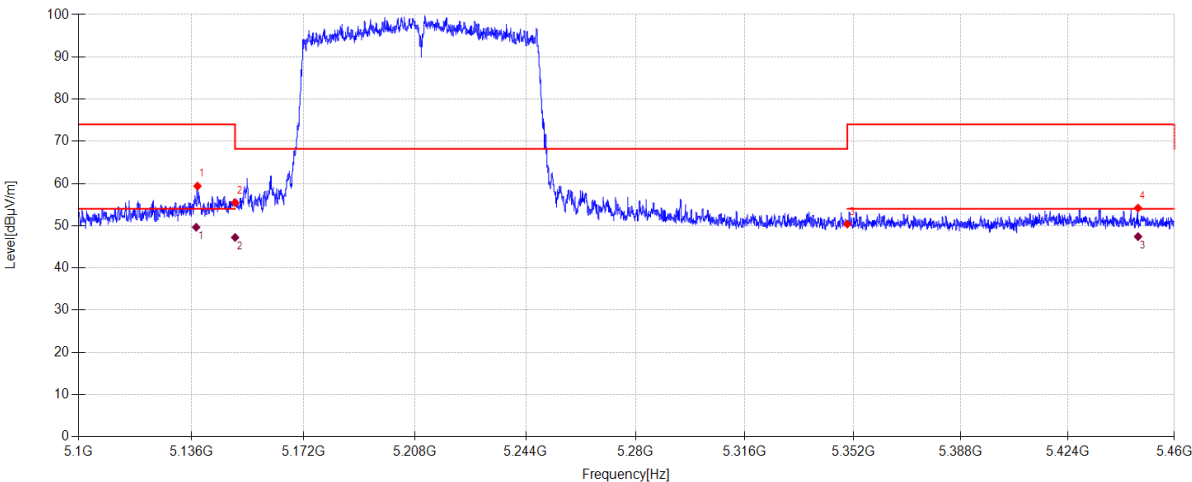
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\49

Memo:

Sample Number:S24091913-001 Power Setting:13

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5137.944	50.32	33.40	5.27	-29.60	59.39	74.00	14.61	PK	Vertical
2	5150.000	46.38	33.40	5.28	-29.60	55.46	68.20	12.74	PK	Vertical
3	5350.000	41.48	33.10	5.41	-29.60	50.39	68.20	17.81	PK	Vertical
4	5447.688	45.30	33.00	5.48	-29.60	54.18	74.00	19.82	PK	Vertical

Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5137.525	40.57	33.40	5.27	49.64	54.0	4.36	AV	Vertical
2	5150.000	38.15	33.40	5.28	47.23	54.0	6.77	AV	Vertical
3	5447.688	38.54	33.00	5.48	47.42	54.0	6.58	AV	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11AC80 5210 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

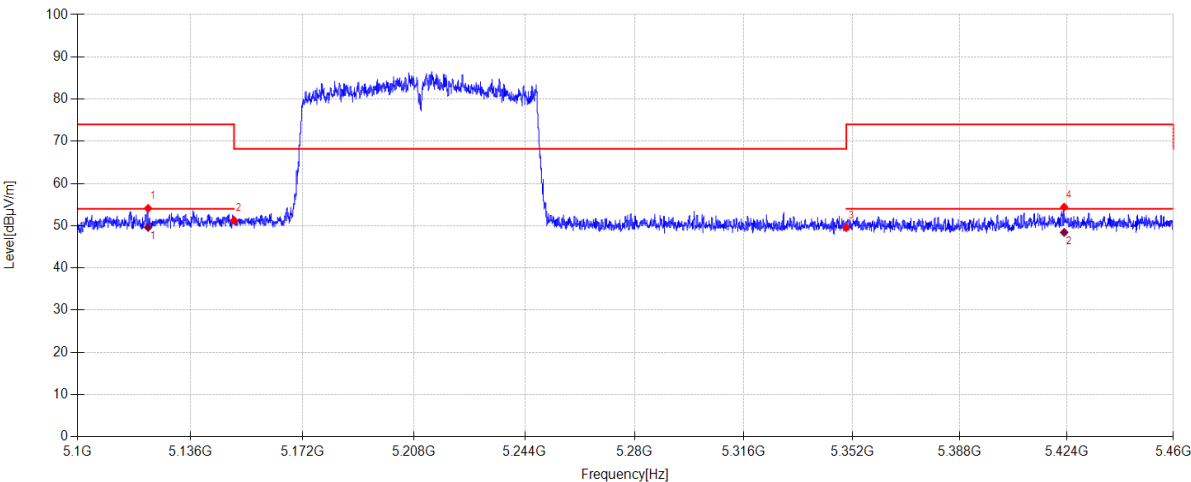
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\50

Memo:

Sample Number:S24091913-001 Power Setting:13

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5122.500	45.06	33.40	5.26	-29.60	54.12	74.00	19.88	PK	Horizontal
2	5150.000	42.16	33.40	5.28	-29.60	51.24	68.20	16.96	PK	Horizontal
3	5350.000	40.61	33.10	5.41	-29.60	49.52	68.20	18.68	PK	Horizontal
4	5423.028	45.51	33.05	5.46	-29.60	54.42	74.00	19.58	PK	Horizontal

Data List									
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5122.500	40.54	33.40	5.26	49.60	54.0	4.40	AV	Horizontal
2	5423.028	39.51	33.05	5.46	48.42	54.0	5.58	AV	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11AC80 5290 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

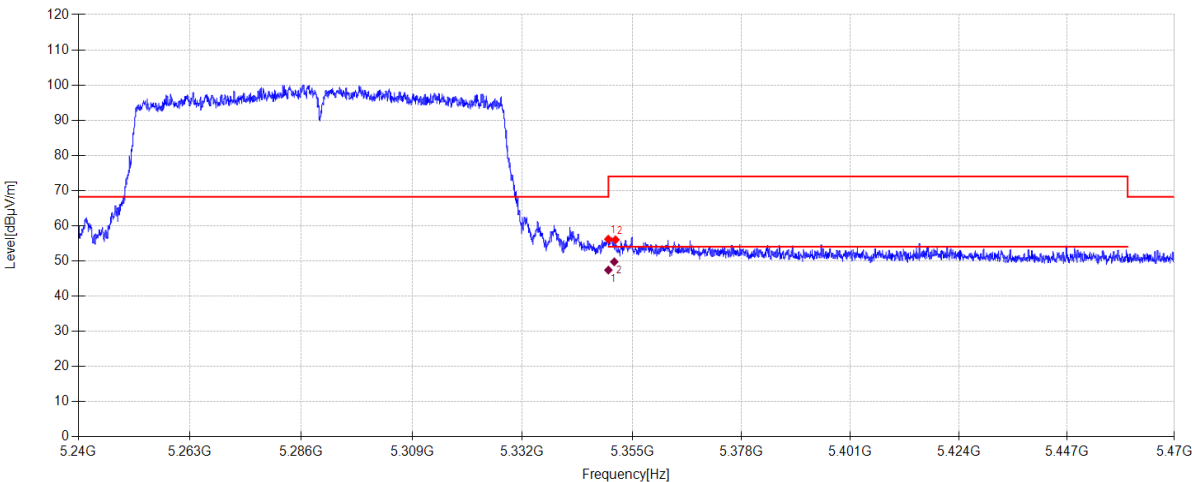
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\51

Memo:

Sample Number:S24091913-001 Power Setting:13

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	47.26	33.10	5.41	-29.60	56.17	68.20	12.03	PK	Vertical
2	5351.504	47.09	33.10	5.41	-29.60	56.00	74.00	18.00	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.48	33.10	5.41	47.39	54.0	6.61	AV	Vertical	
2	5351.234	40.83	33.10	5.41	49.74	54.0	4.26	AV	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11AC80 5290 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

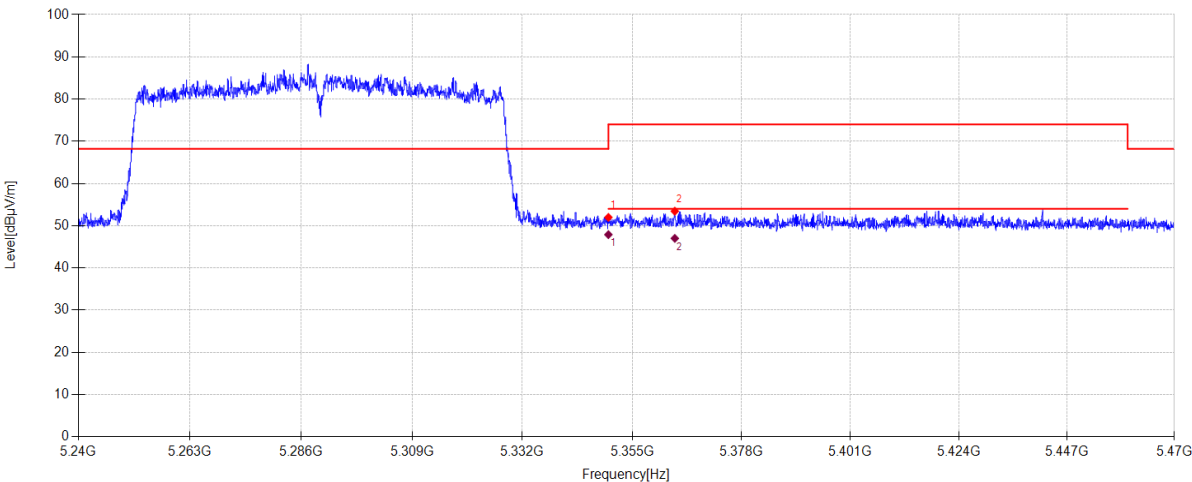
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\52

Memo:

Sample Number:S24091913-001 Power Setting:13

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	43.07	33.10	5.41	-29.60	51.98	68.20	16.22	PK	Horizontal
2	5363.947	44.52	33.10	5.42	-29.60	53.44	74.00	20.56	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.98	33.10	5.41	47.89	54.0	6.11	AV	Horizontal	
2	5363.947	38.08	33.10	5.42	47.00	54.0	7.00	AV	Horizontal	

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11AC80 5530 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

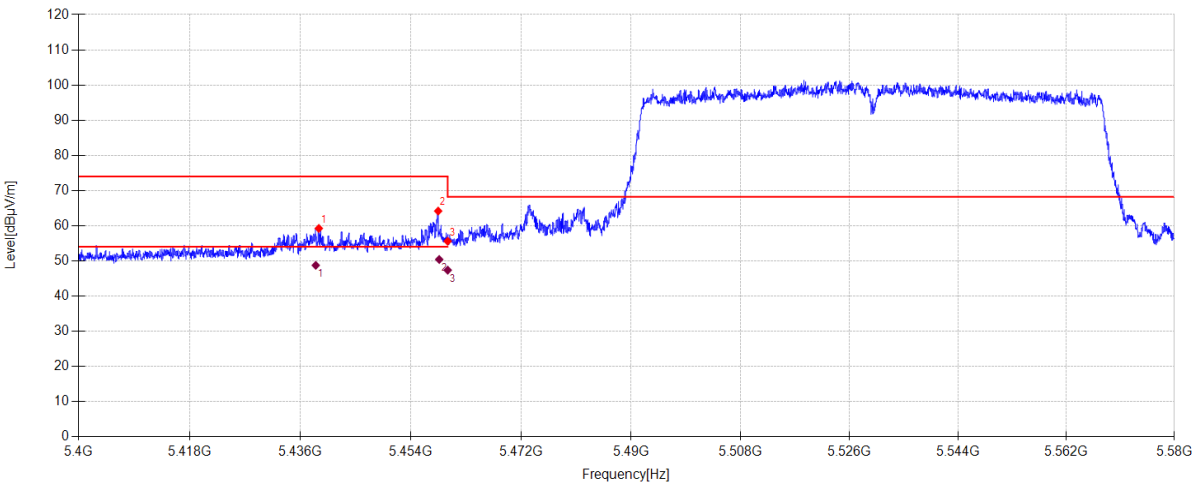
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\53

Memo:

Sample Number:S24091913-001 Power Setting:17

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5438.988	50.35	33.02	5.47	-29.60	59.24	74.00	14.76	PK	Vertical
2	5458.446	55.29	33.00	5.48	-29.60	64.17	74.00	9.83	PK	Vertical
3	5460.000	46.72	33.00	5.48	-29.60	55.60	68.20	12.60	PK	Vertical

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5438.490	39.85	33.02	5.47	48.74	54.0	5.26	AV	Vertical	
2	5458.620	41.53	33.00	5.48	50.41	54.0	3.59	AV	Vertical	
3	5460.000	38.49	33.00	5.48	47.37	54.0	6.63	AV	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:

2025-01-12

Tested By:

Gen Liu

EUT:

AC1200 Dual Band Wi-Fi Router

Model Number:

NM1274CB

Test Mode:

MIMO 11AC80 5530 TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

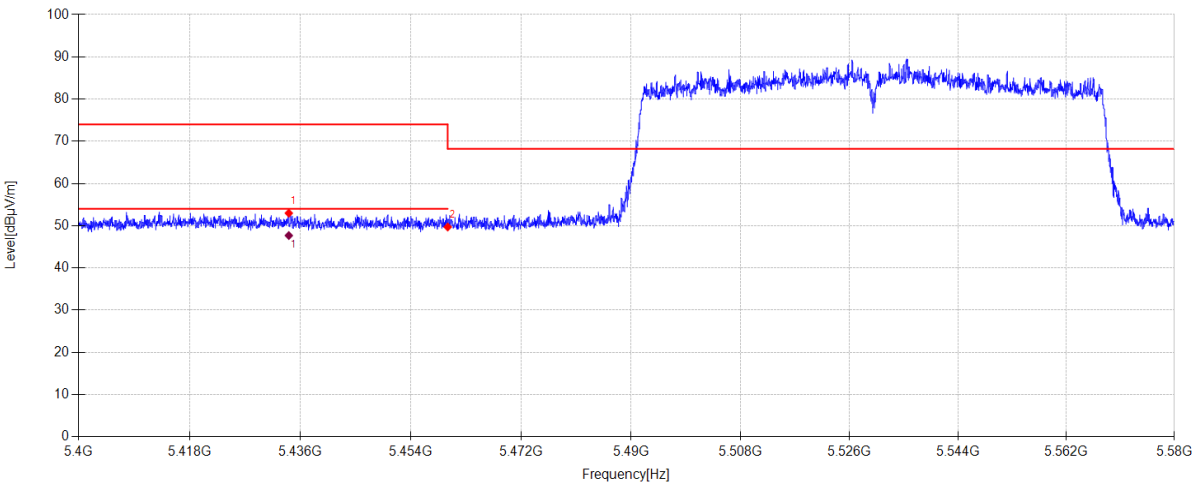
File Path:

d:\ts\2024 report data\Q24091913-1E\20250112 FCC ABOVE1G 5G\54

Memo:

Sample Number:S24091913-001 Power Setting:17

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5434.110	44.08	33.03	5.47	-29.60	52.98	74.00	21.02	PK	Horizontal
2	5460.000	40.82	33.00	5.48	-29.60	49.70	68.20	18.50	PK	Horizontal

Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5434.110	38.78	33.03	5.47	47.68	54.0	6.32	AV	Horizontal	

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

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

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