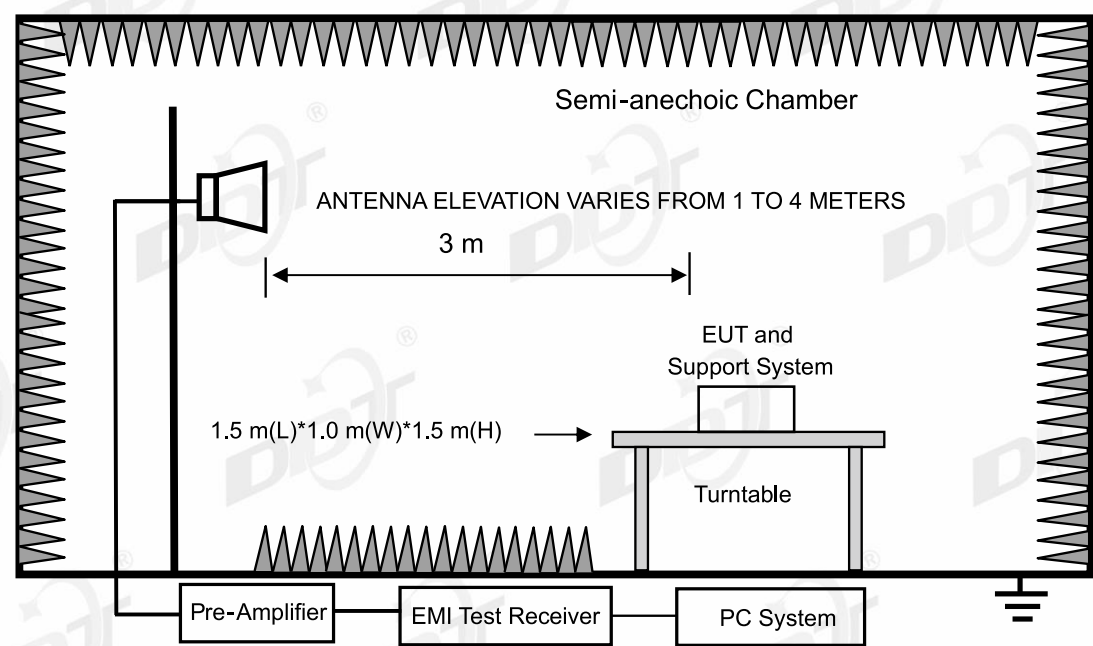


13.Band Edge Compliance

13.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2025/03/31
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2025/03/31
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2025/09/18
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2025/07/11
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2025/03/31
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2025/04/26
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2025/03/31
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2025/03/31
ELECTRIC AND MAGNETIC FIELD ANALYZER	Narda	EHP-200A	DDT-ZC01401	2025/08/28
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2025/03/31
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2025/04/22
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2025/03/31
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2025/08/25
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2025/04/22
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2025/04/22
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2025/03/31

13.2. Block diagram of test setup



13.3. Limits

All restriction band should comply with 15.209 and RSS-Gen section 8.9 limits, other emission should be at least 20 dB below the fundamental.

13.4. Assistant equipment used for test

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

13.5. Test procedure

Same with Radiated Emission except change investigated frequency range.
Remark: All restriction band have been tested, and only the worst case is shown in report.

13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11B ANT1 2412MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

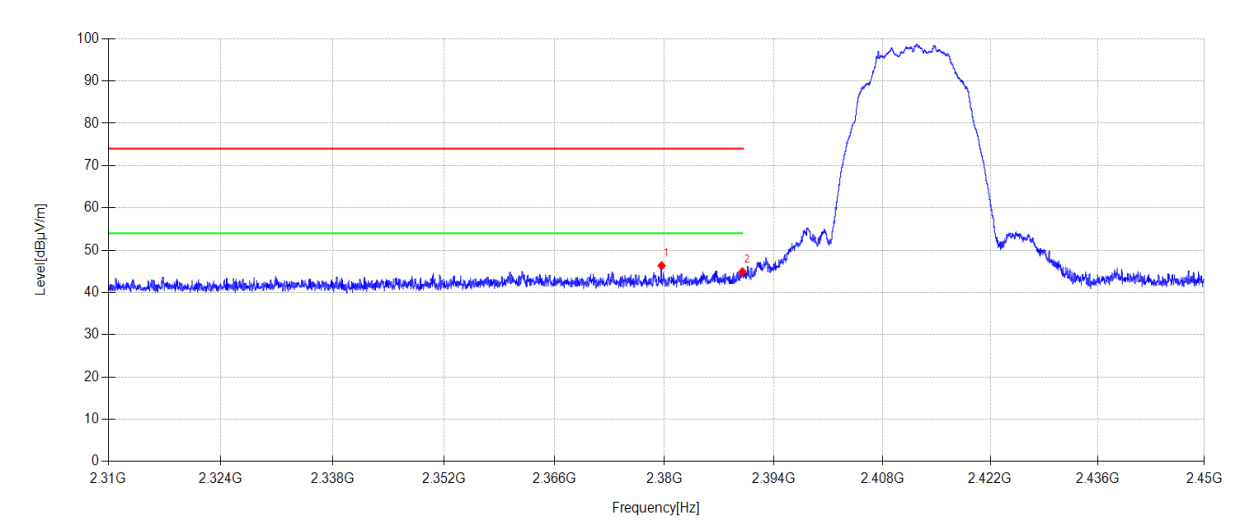
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d:\ts\2024 report data\Q24072915\FCC ABOVE 1G 2.4GWIFI\73

Memo:

Dongle Sample Number:S24072915-001 Power Setting:15

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	2379.650	15.56	27.22	3.56	0.00	46.34	74.00	27.66	PK	Horizontal
2	2390.000	14.06	27.26	3.57	0.00	44.89	74.00	29.11	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11B ANT1 2412MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

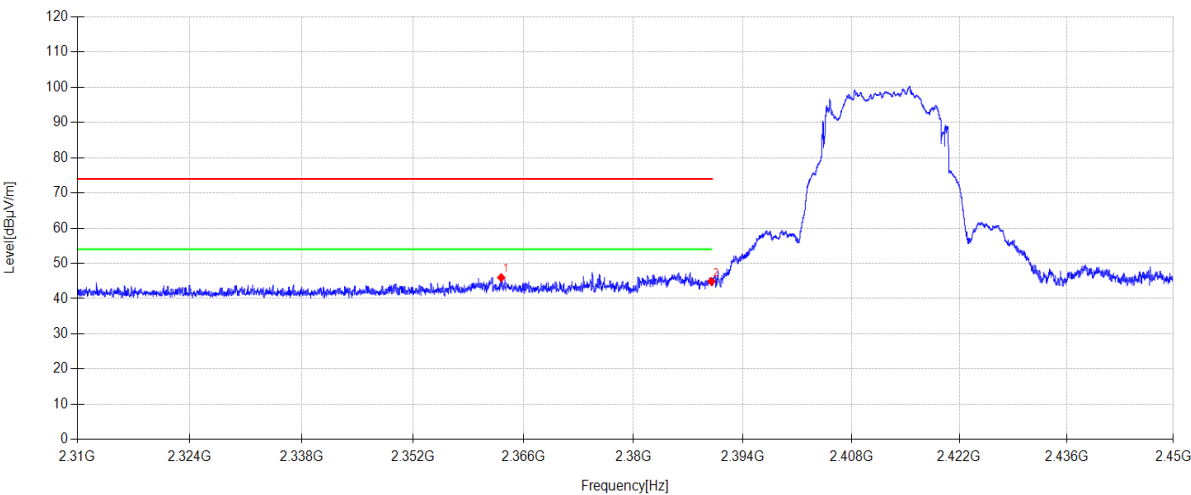
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d:\ts\2024 report data\Q24072915\FCC ABOVE 1G 2.4GWIFI\74

Memo:

Dongle Sample Number:S24072915-001 Power Setting:15

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	2363.172	15.27	27.15	3.55	0.00	45.97	74.00	28.03	PK	Vertical
2	2390.000	14.05	27.26	3.57	0.00	44.88	74.00	29.12	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11B ANT2 2412MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

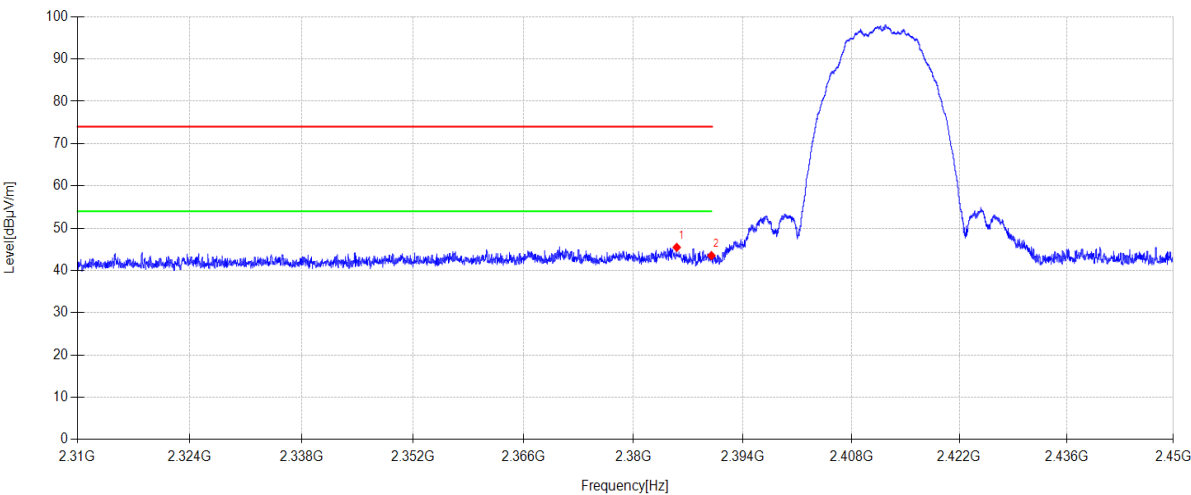
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:15

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	2385.544	14.65	27.24	3.57	0.00	45.46	74.00	28.54	PK	Horizontal
2	2390.000	12.67	27.26	3.57	0.00	43.50	74.00	30.50	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11B ANT2 2412MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

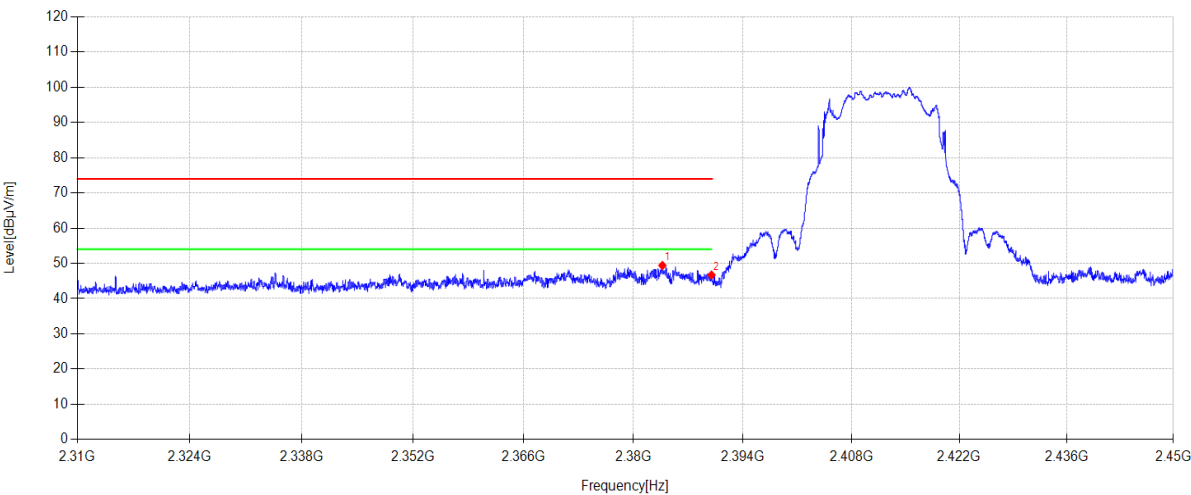
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:15

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	2383.710	18.62	27.23	3.56	0.00	49.41	74.00	24.59	PK	Vertical
2	2390.000	15.87	27.26	3.57	0.00	46.70	74.00	27.30	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11B ANT1 2462MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

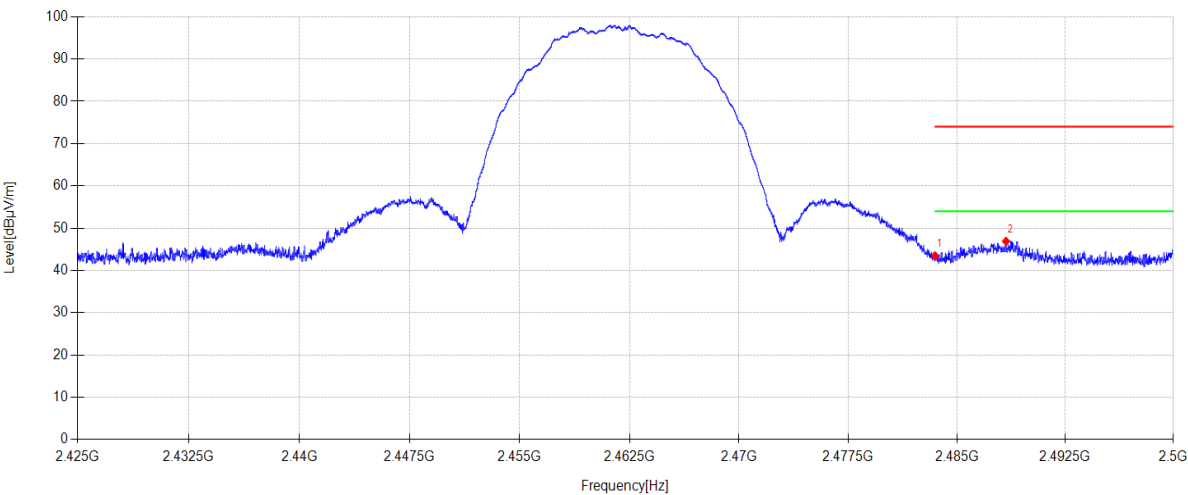
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:15

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	2483.500	12.32	27.53	3.62	0.00	43.47	74.00	30.53	PK	Horizontal
2	2488.405	15.74	27.55	3.62	0.00	46.91	74.00	27.09	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11B ANT1 2462MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

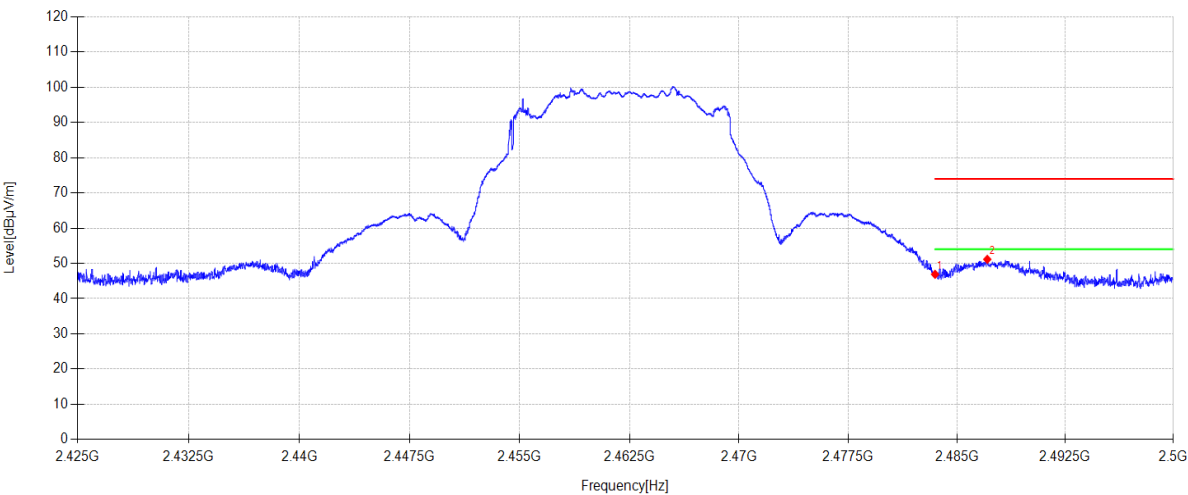
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:15

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	2483.500	15.75	27.53	3.62	0.00	46.90	74.00	27.10	PK	Vertical
2	2487.108	19.99	27.55	3.62	0.00	51.16	74.00	22.84	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11B ANT2 2462MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

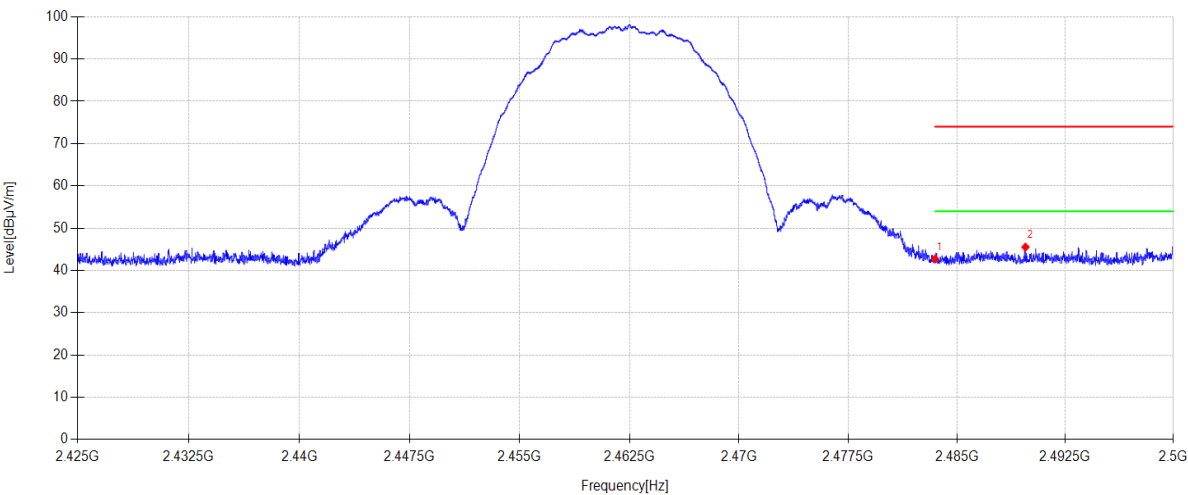
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:15

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	2483.500	11.55	27.53	3.62	0.00	42.70	74.00	31.30	PK	Horizontal
2	2489.748	14.34	27.56	3.62	0.00	45.52	74.00	28.48	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11B ANT2 2462MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

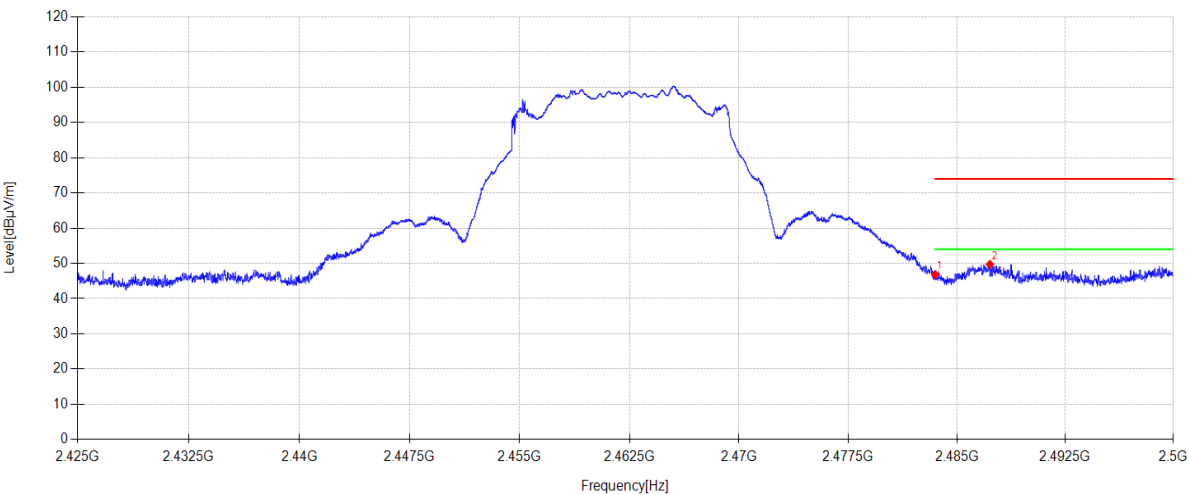
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:15

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	2483.500	15.70	27.53	3.62	0.00	46.85	74.00	27.15	PK	Vertical
2	2487.288	18.57	27.55	3.62	0.00	49.74	74.00	24.26	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11G ANT1 2412MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

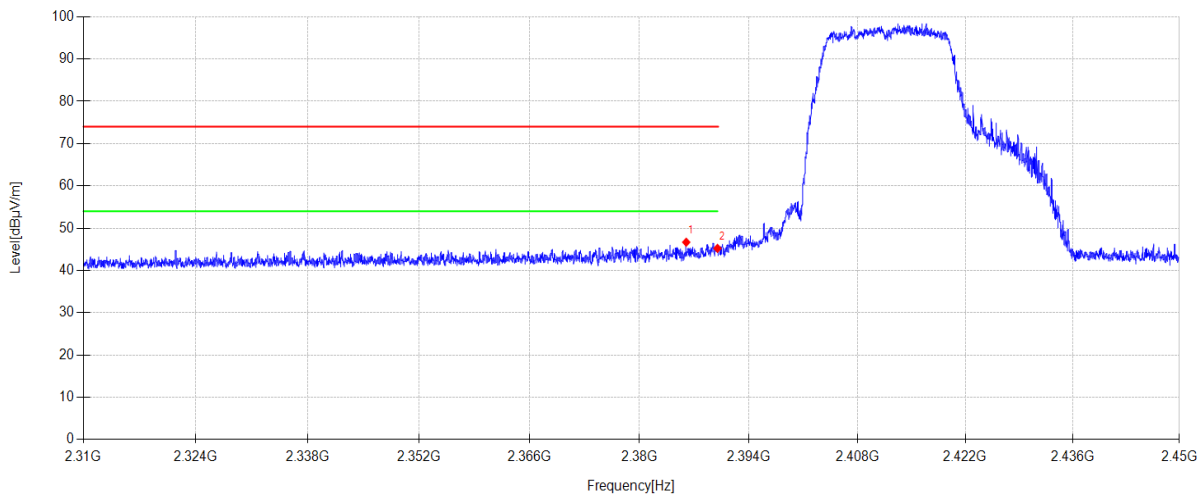
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Memo:

Dongle Sample Number:S24072915-001 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	2385.992	15.87	27.24	3.57	0.00	46.68	74.00	27.32	PK	Horizontal
2	2390.000	14.39	27.26	3.57	0.00	45.22	74.00	28.78	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11G ANT1 2412MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

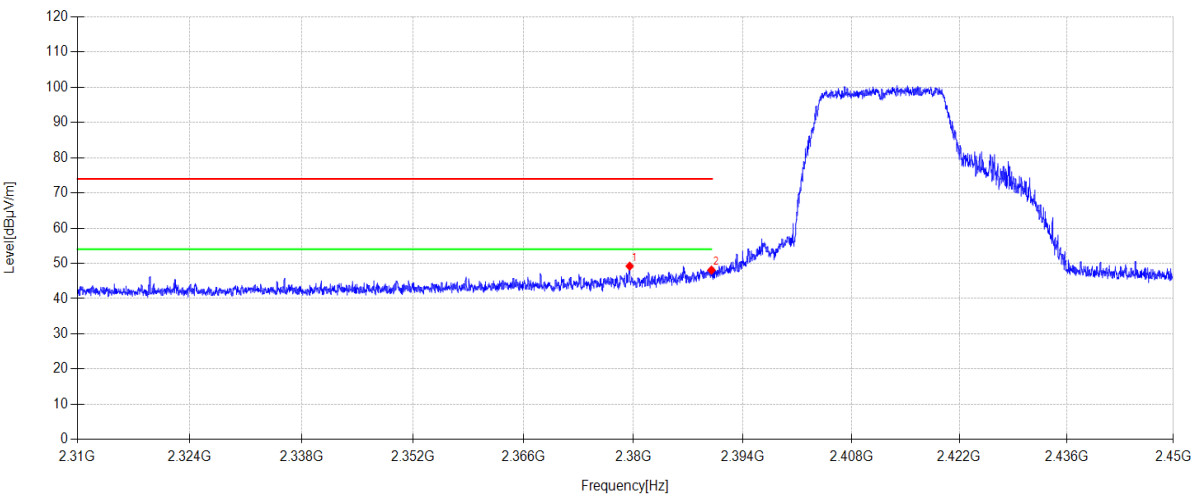
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Memo:

Dongle Sample Number:S24072915-001 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	2379.524	18.44	27.22	3.56	0.00	49.22	74.00	24.78	PK	Vertical
2	2390.000	17.25	27.26	3.57	0.00	48.08	74.00	25.92	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11G ANT2 2412MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

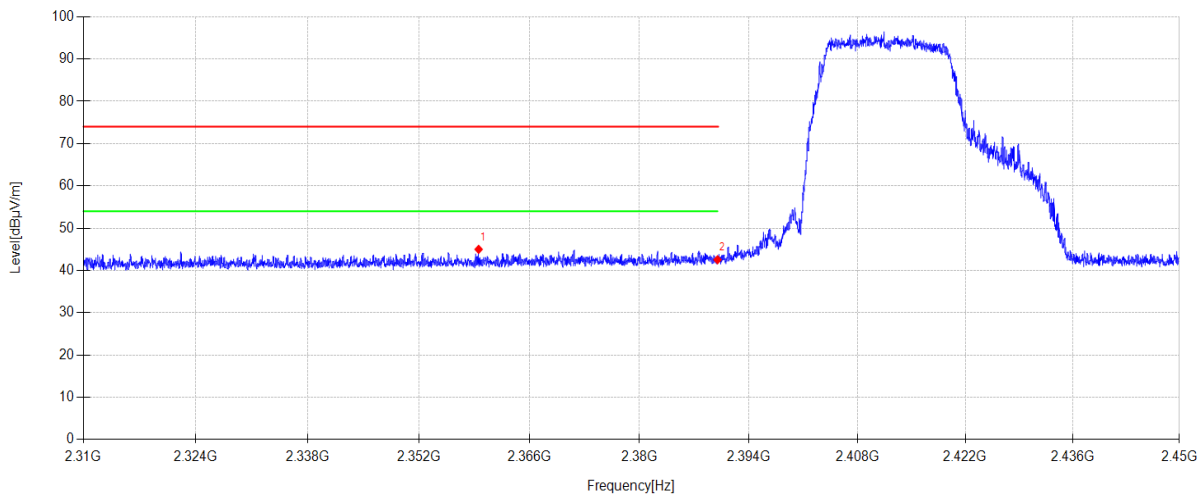
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Memo:

Dongle Sample Number:S24072915-001 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	2359.546	14.30	27.14	3.55	0.00	44.99	74.00	29.01	PK	Horizontal
2	2390.000	11.71	27.26	3.57	0.00	42.54	74.00	31.46	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11G ANT2 2412MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

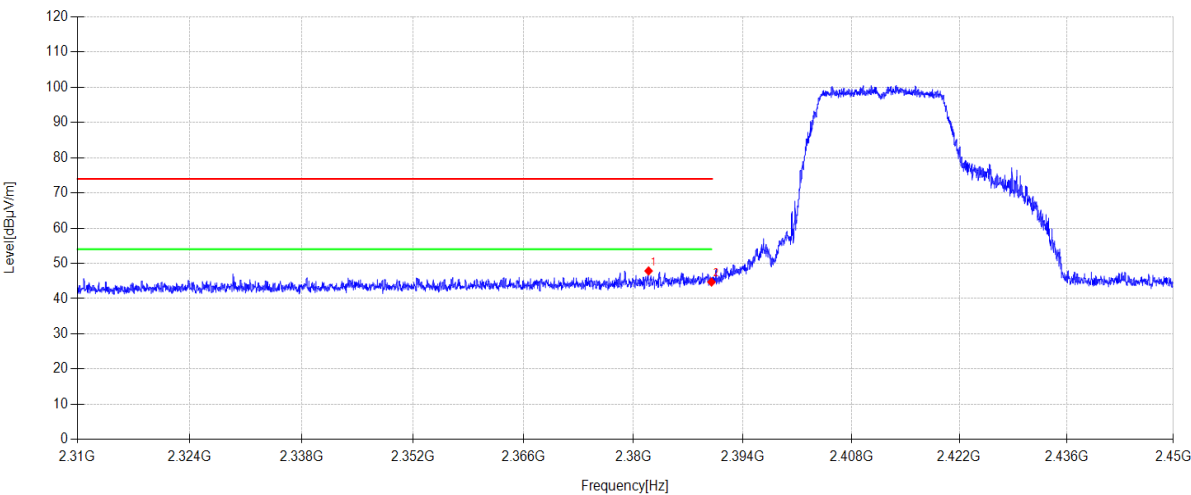
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Memo:

Dongle Sample Number:S24072915-001 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	2381.946	17.07	27.23	3.56	0.00	47.86	74.00	26.14	PK	Vertical
2	2390.000	13.88	27.26	3.57	0.00	44.71	74.00	29.29	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11G ANT1 2462MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

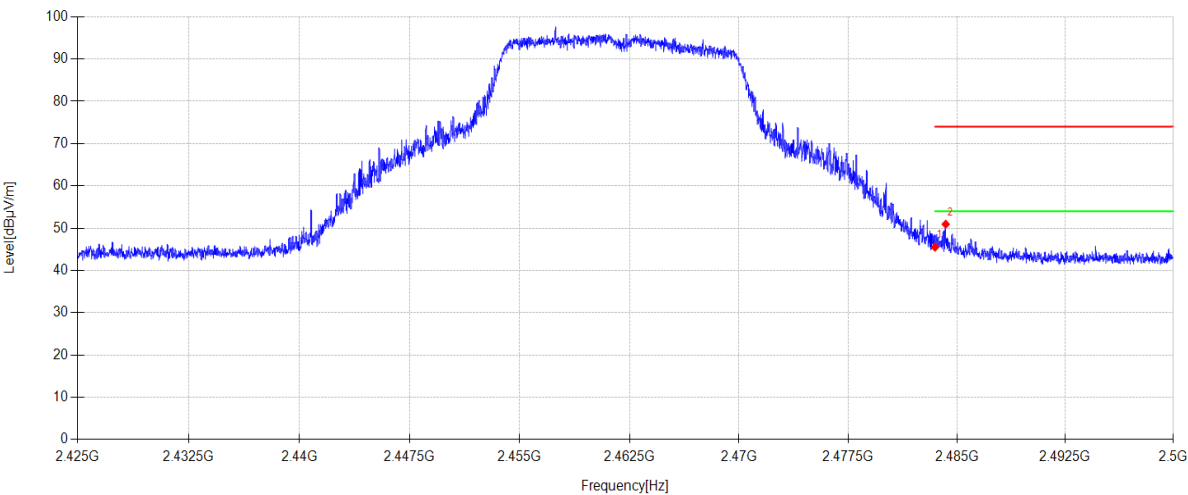
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Memo:

Dongle Sample Number:S24072915-001 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	2483.500	14.36	27.53	3.62	0.00	45.51	74.00	28.49	PK	Horizontal
2	2484.235	19.77	27.54	3.62	0.00	50.93	74.00	23.07	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11G ANT1 2462MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

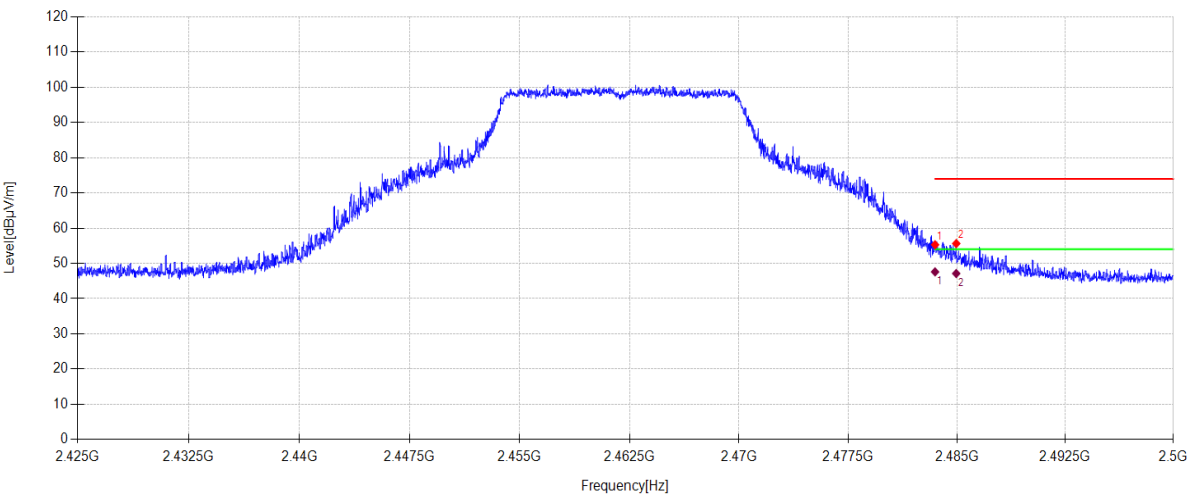
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Memo:

Dongle Sample Number:S24072915-001 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	2483.500	24.14	27.53	3.62	0.00	55.29	74.00	18.71	PK	Vertical
2	2484.963	24.48	27.54	3.62	0.00	55.64	74.00	18.36	PK	Vertical

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	2483.500	16.45	27.53	3.62	0.00	47.60	54.0	6.40	AV	Vertical
2	2484.963	15.97	27.54	3.62	0.00	47.13	54.0	6.87	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:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11G ANT2 2462MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

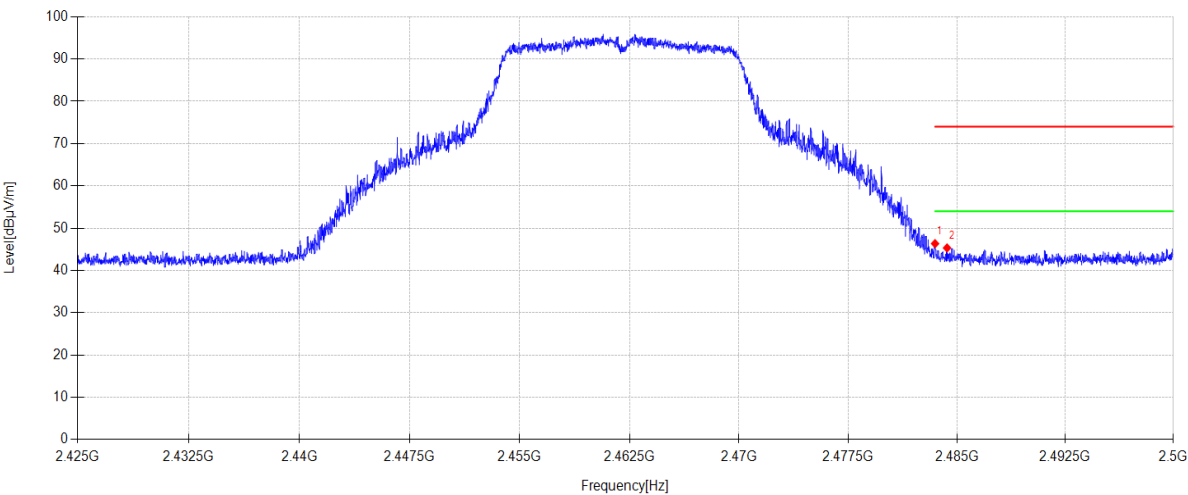
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d:\ts\2024 report data\Q24072915\FCC ABOVE 1G 2.4GWIFI\79

Memo:

Dongle Sample Number:S24072915-001 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	2483.500	15.19	27.53	3.62	0.00	46.34	74.00	27.66	PK	Horizontal
2	2484.325	14.16	27.54	3.62	0.00	45.32	74.00	28.68	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11G ANT2 2462MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

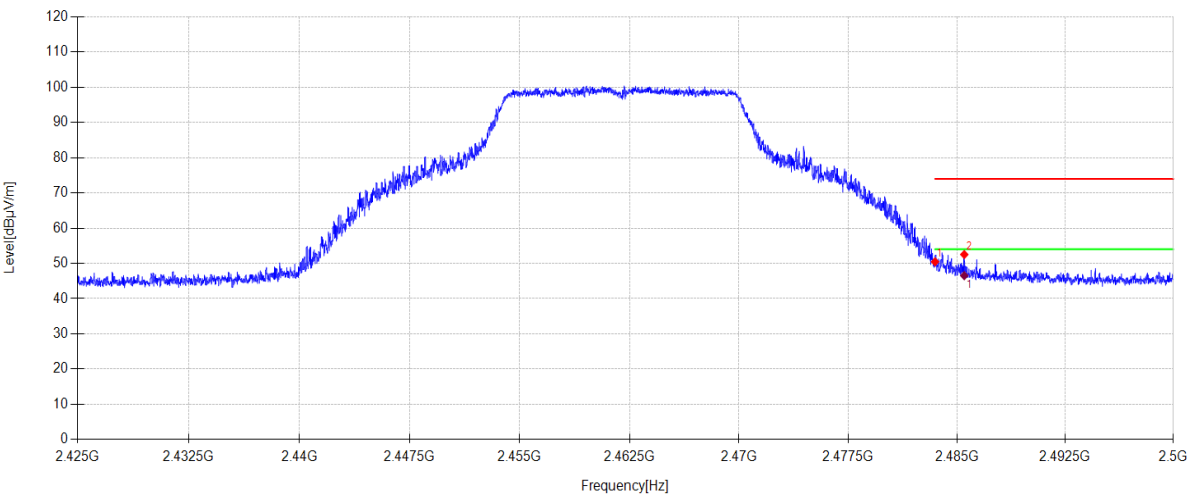
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Memo:

Dongle Sample Number:S24072915-001 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	2483.500	19.32	27.53	3.62	0.00	50.47	74.00	23.53	PK	Vertical
2	2485.518	21.36	27.54	3.62	0.00	52.52	74.00	21.48	PK	Vertical

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	2485.518	15.37	27.54	3.62	0.00	46.53	54.0	7.47	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:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N20 2412MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

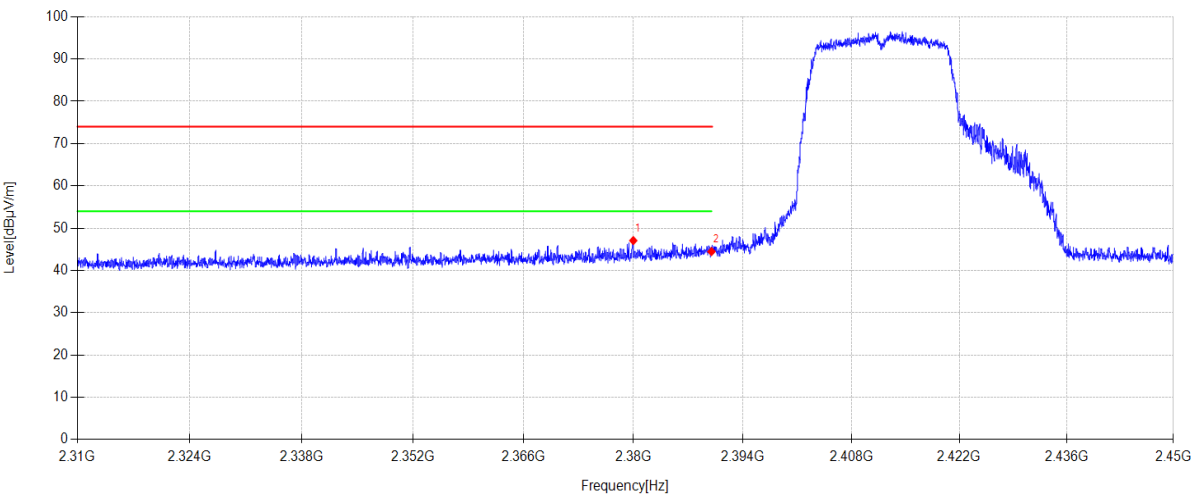
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Memo:

Dongle Sample Number:S24072915-001 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	2379.986	16.28	27.22	3.56	0.00	47.06	74.00	26.94	PK	Horizontal
2	2390.000	13.64	27.26	3.57	0.00	44.47	74.00	29.53	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N20 2412MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

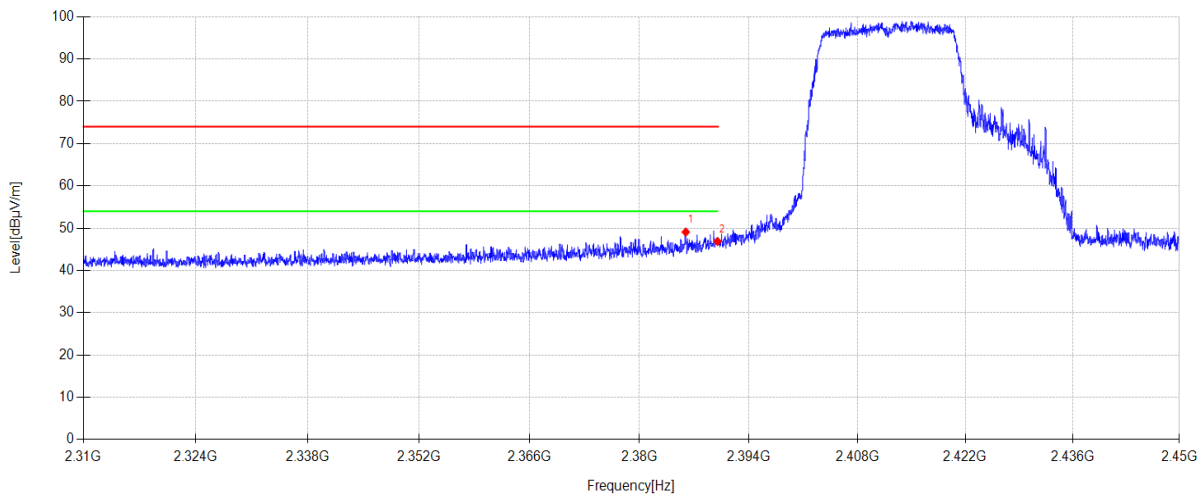
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Memo:

Dongle Sample Number:S24072915-001 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	2385.936	18.27	27.24	3.57	0.00	49.08	74.00	24.92	PK	Vertical
2	2390.000	16.04	27.26	3.57	0.00	46.87	74.00	27.13	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N20 2462MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

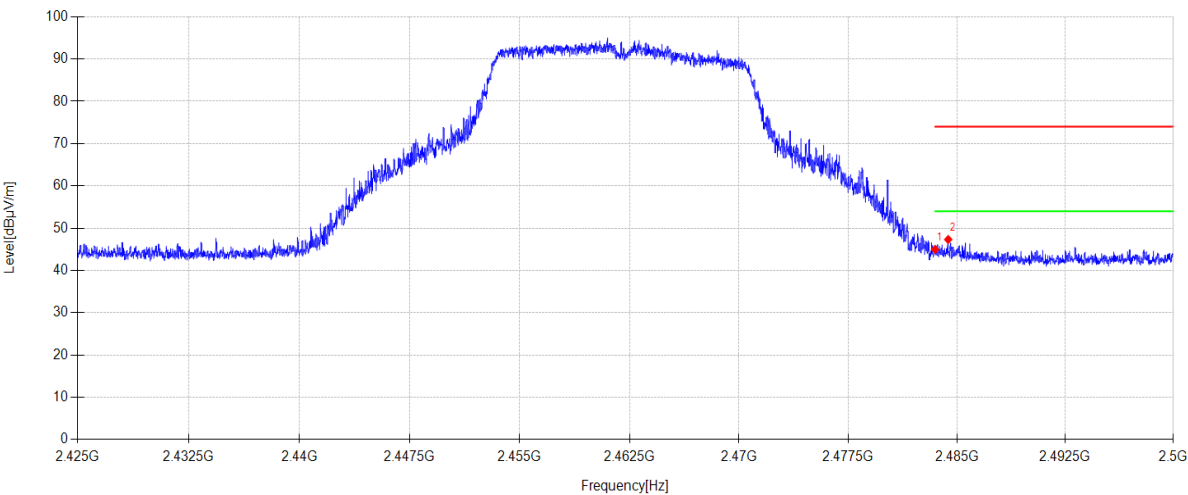
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Memo:

Dongle Sample Number:S24072915-001 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	2483.500	13.82	27.53	3.62	0.00	44.97	74.00	29.03	PK	Horizontal
2	2484.408	16.16	27.54	3.62	0.00	47.32	74.00	26.68	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N20 2462MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

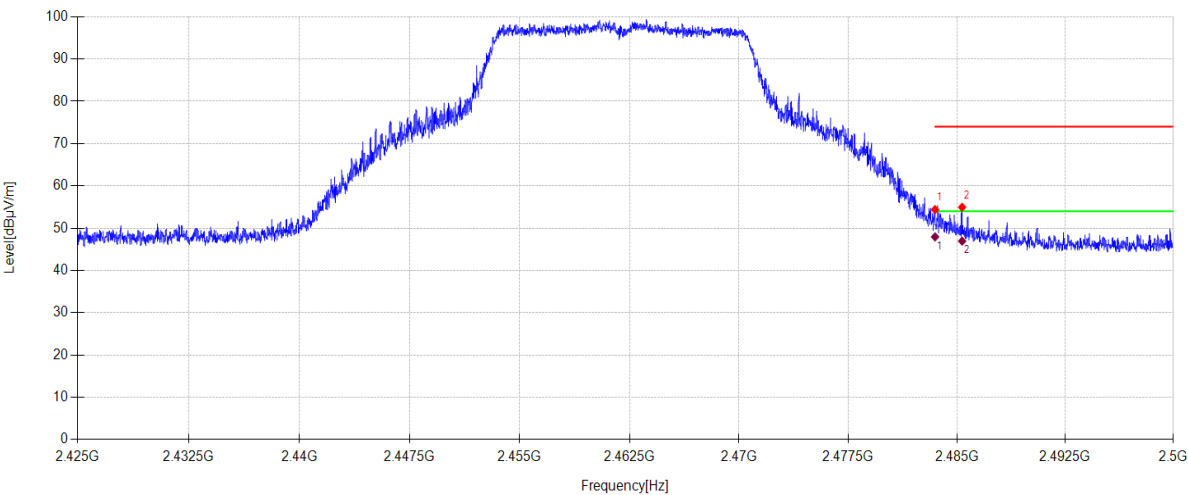
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Memo:

Dongle Sample Number:S24072915-001 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	2483.500	23.24	27.53	3.62	0.00	54.39	74.00	19.61	PK	Vertical
2	2485.368	23.79	27.54	3.62	0.00	54.95	74.00	19.05	PK	Vertical

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	2483.500	16.79	27.53	3.62	0.00	47.94	54.0	6.06	AV	Vertical
2	2485.368	15.78	27.54	3.62	0.00	46.94	54.0	7.06	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:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N40 2422MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

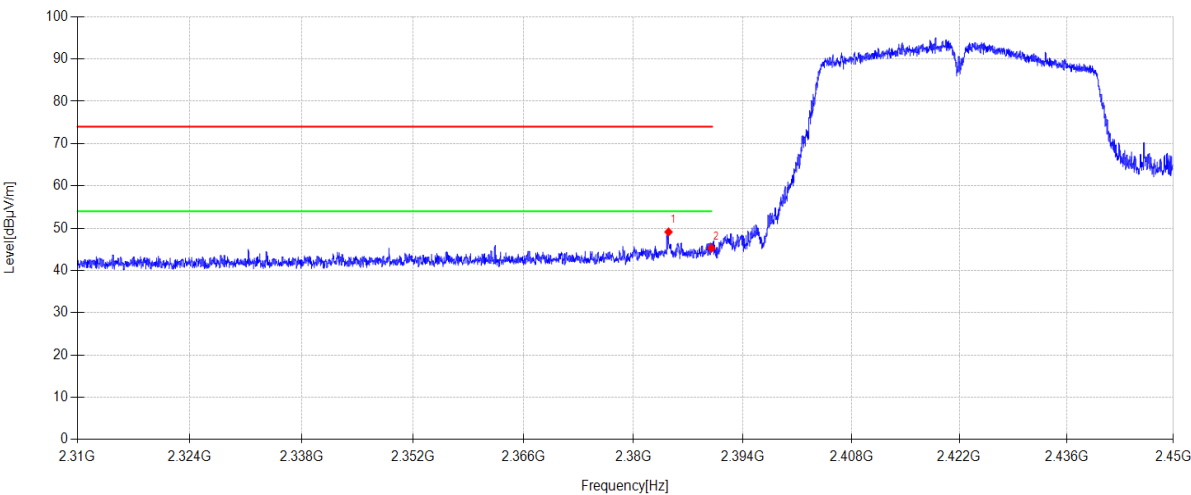
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Memo:

Dongle Sample Number:S24072915-001 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	2384.494	18.29	27.24	3.57	0.00	49.10	74.00	24.90	PK	Horizontal
2	2390.000	14.44	27.26	3.57	0.00	45.27	74.00	28.73	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N40 2422MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

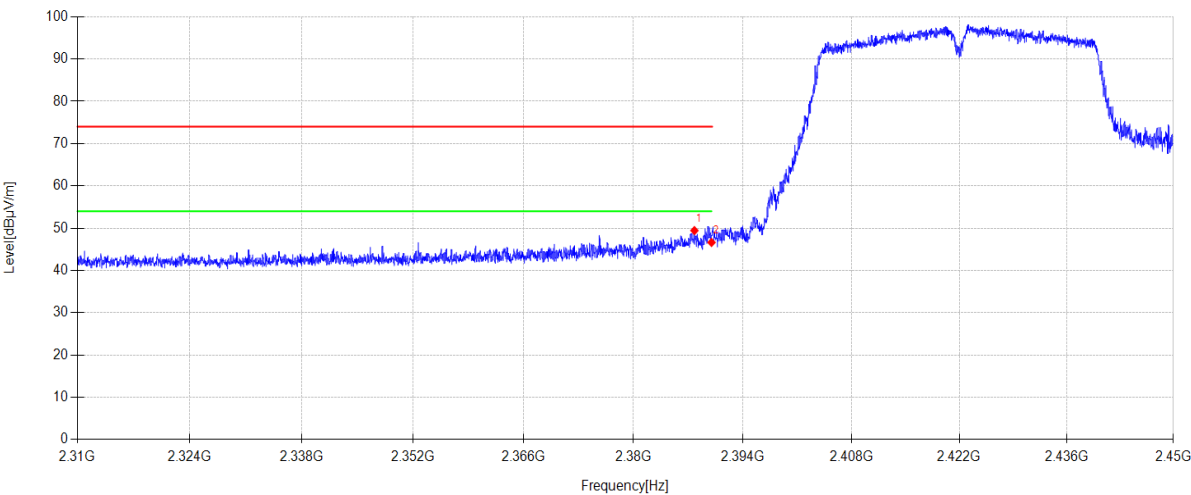
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Memo:

Dongle Sample Number:S24072915-001 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	2387.812	18.61	27.25	3.57	0.00	49.43	74.00	24.57	PK	Vertical
2	2390.000	15.80	27.26	3.57	0.00	46.63	74.00	27.37	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N40 2452MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

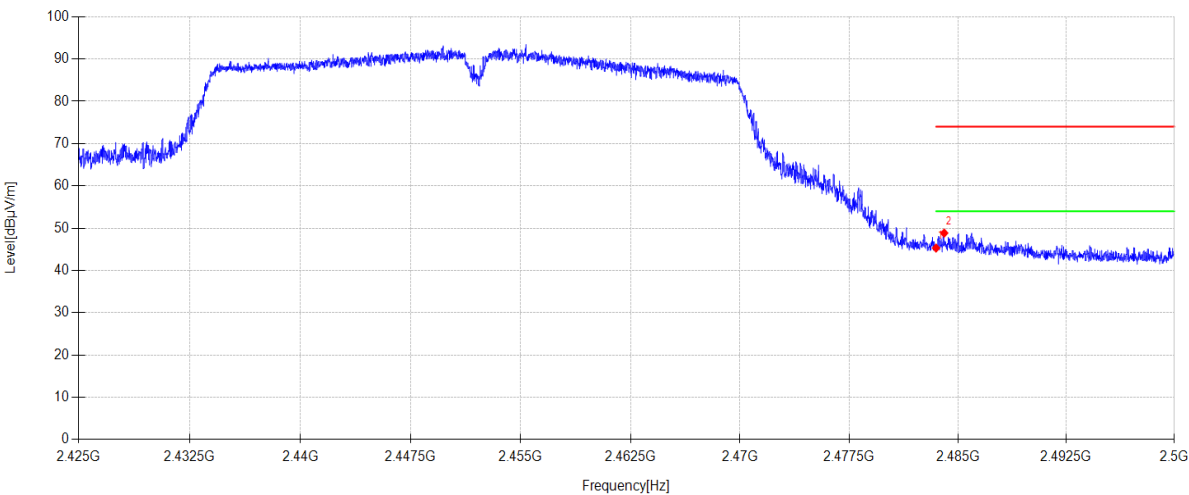
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Memo:

Dongle Sample Number:S24072915-001 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	2483.500	14.15	27.53	3.62	0.00	45.30	74.00	28.70	PK	Horizontal
2	2484.063	17.68	27.54	3.62	0.00	48.84	74.00	25.16	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N40 2452MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

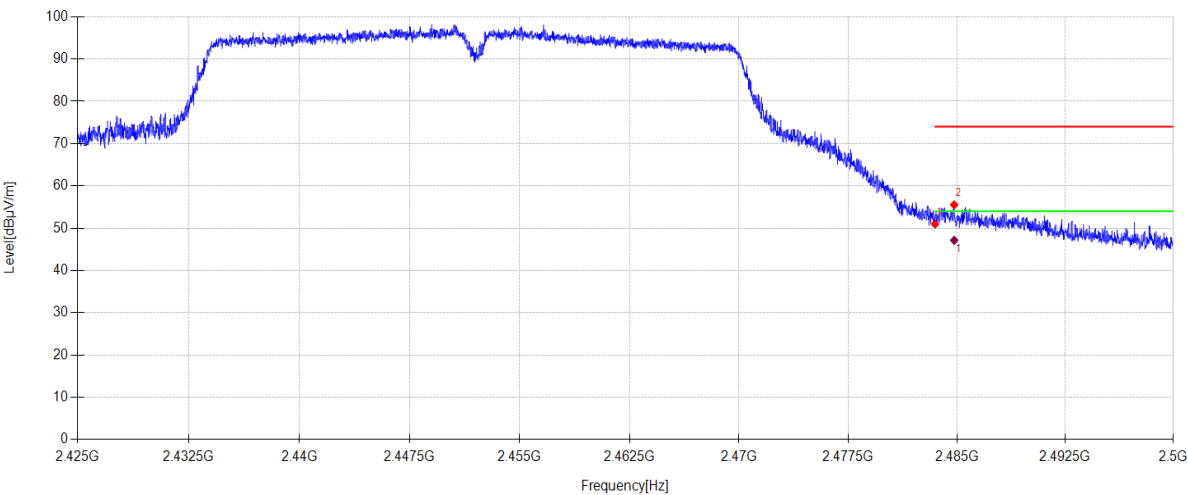
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Memo:

Dongle Sample Number:S24072915-001 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	2483.500	19.81	27.53	3.62	0.00	50.96	74.00	23.04	PK	Vertical
2	2484.820	24.35	27.54	3.62	0.00	55.51	74.00	18.49	PK	Vertical

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	2484.820	15.97	27.54	3.62	0.00	47.13	54.0	6.87	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:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 2412MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

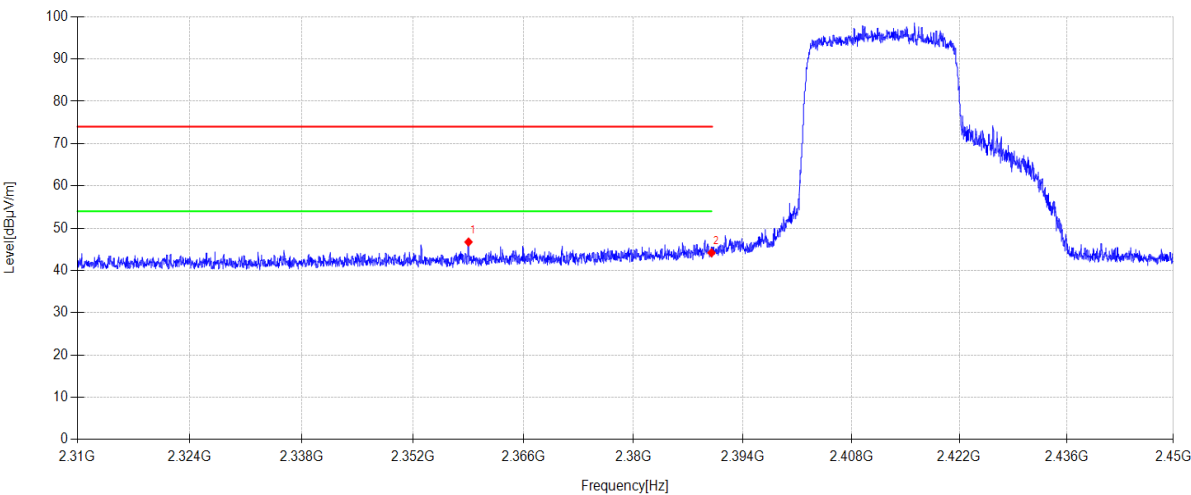
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Memo:

Dongle Sample Number:S24072915-001 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	2359.028	16.04	27.14	3.55	0.00	46.73	74.00	27.27	PK	Horizontal
2	2390.000	13.34	27.26	3.57	0.00	44.17	74.00	29.83	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 2412MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

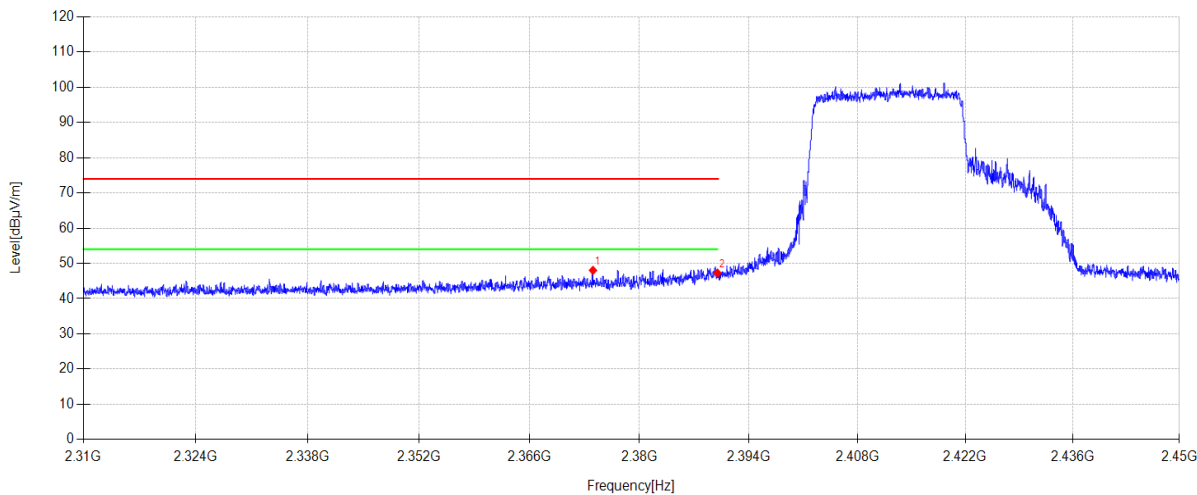
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Memo:

Dongle Sample Number:S24072915-001 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	2374.078	17.26	27.20	3.56	0.00	48.02	74.00	25.98	PK	Vertical
2	2390.000	16.43	27.26	3.57	0.00	47.26	74.00	26.74	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 2462MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

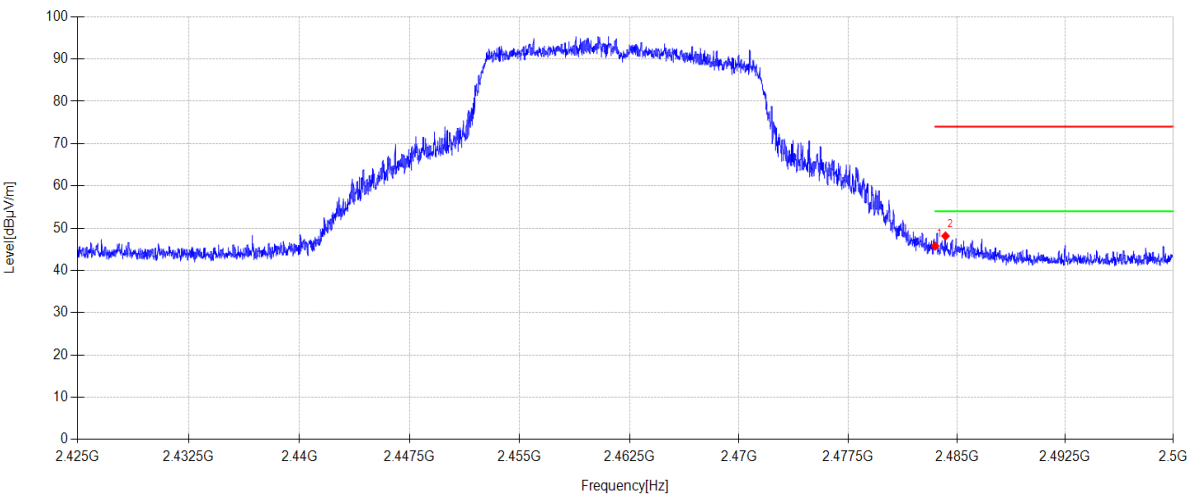
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Memo:

Dongle Sample Number:S24072915-001 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	2483.500	14.62	27.53	3.62	0.00	45.77	74.00	28.23	PK	Horizontal
2	2484.220	16.99	27.54	3.62	0.00	48.15	74.00	25.85	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 2462MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

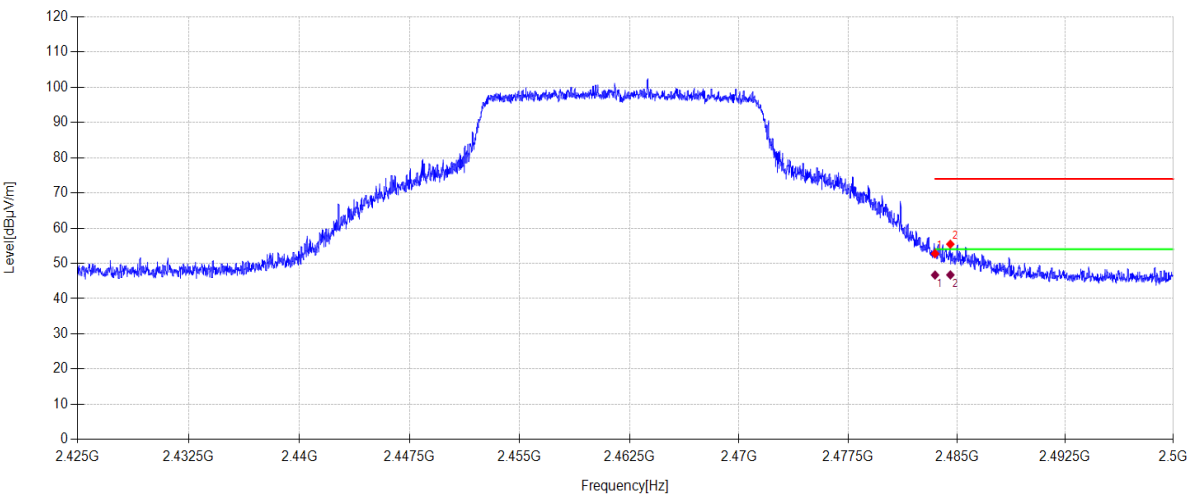
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Memo:

Dongle Sample Number:S24072915-001 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	2483.500	21.62	27.53	3.62	0.00	52.77	74.00	21.23	PK	Vertical
2	2484.558	24.30	27.54	3.62	0.00	55.46	74.00	18.54	PK	Vertical

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	2483.500	15.54	27.53	3.62	0.00	46.69	54.0	7.31	AV	Vertical
2	2484.558	15.58	27.54	3.62	0.00	46.74	54.0	7.26	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:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX40 2422MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

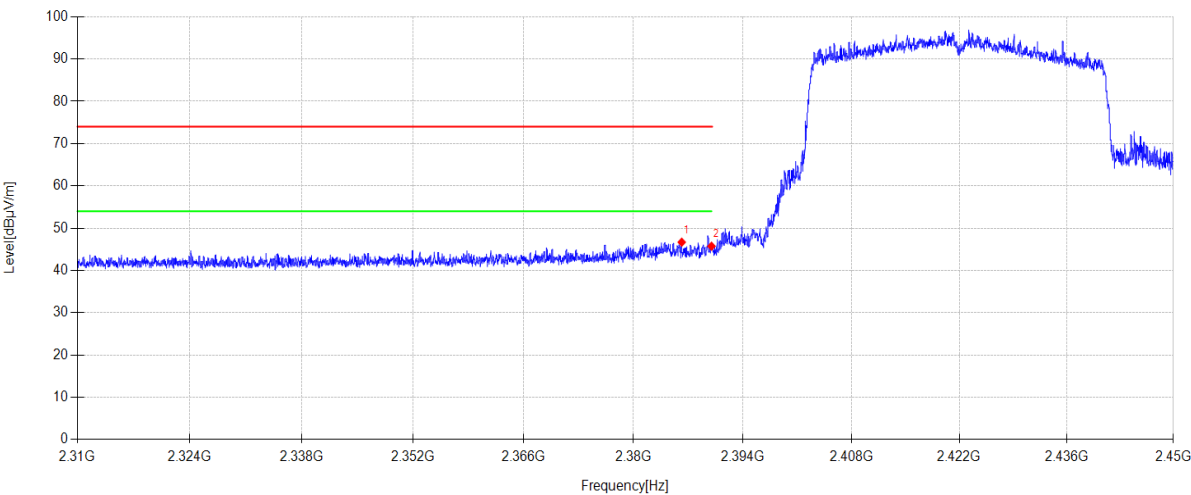
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:11

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	2386.188	15.87	27.24	3.57	0.00	46.68	74.00	27.32	PK	Horizontal
2	2390.000	14.90	27.26	3.57	0.00	45.73	74.00	28.27	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX40 2422MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

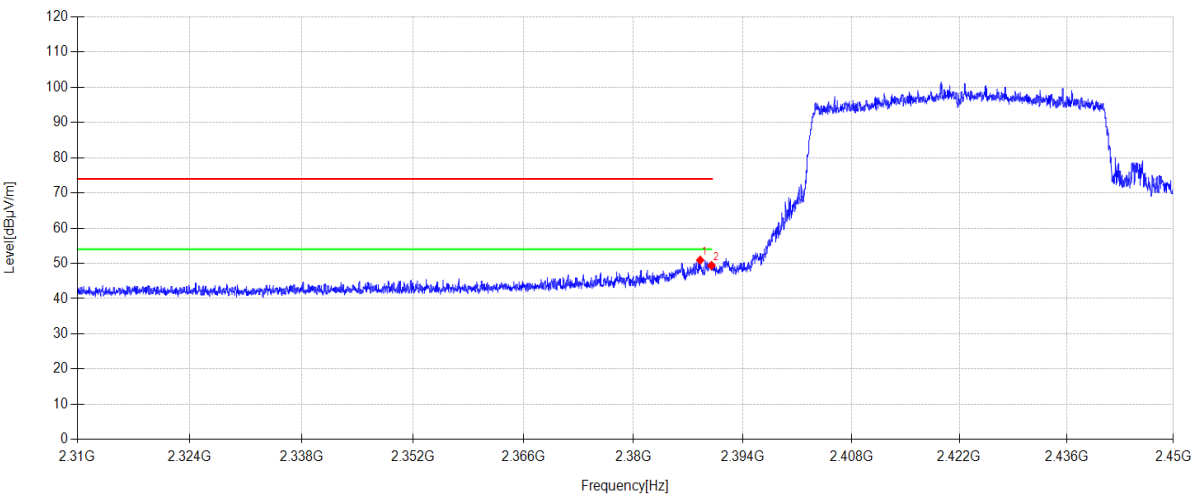
File Path:

d:\ts\2024 report data\Q24072915\FCC ABOVE 1G 2.4GWIFI\94

Memo:

Dongle Sample Number:S24072915-001 Power Setting:11

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	2388.554	20.10	27.25	3.57	0.00	50.92	74.00	23.08	PK	Vertical
2	2390.000	18.57	27.26	3.57	0.00	49.40	74.00	24.60	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX40 2452MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

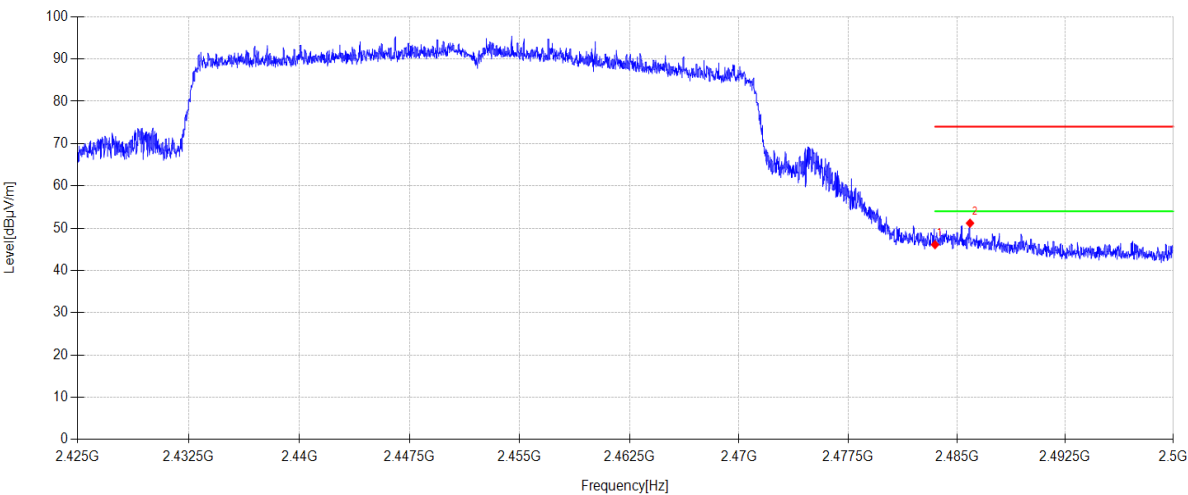
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:11

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	2483.500	14.95	27.53	3.62	0.00	46.10	74.00	27.90	PK	Horizontal
2	2485.915	20.02	27.54	3.62	0.00	51.18	74.00	22.82	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX40 2452MHz TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

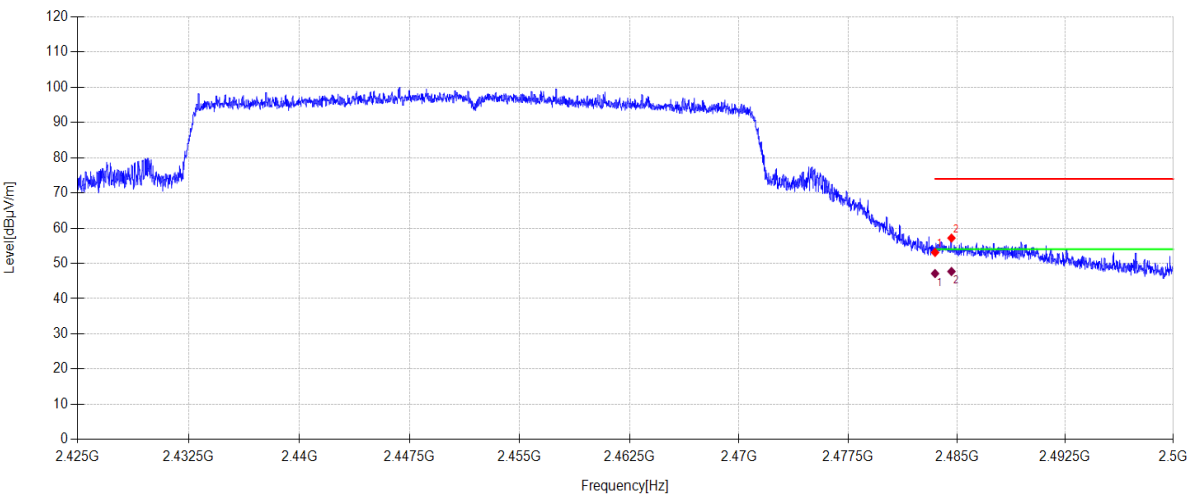
File Path:

d:\ts\2024 report data\Q24072915\FCC ABOVE 1G 2.4GWIFI\96

Memo:

Dongle Sample Number:S24072915-001 Power Setting:11

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	2483.500	21.96	27.53	3.62	0.00	53.11	74.00	20.89	PK	Vertical
2	2484.633	26.02	27.54	3.62	0.00	57.18	74.00	16.82	PK	Vertical

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	2483.500	15.97	27.53	3.62	0.00	47.12	54.0	6.88	AV	Vertical
2	2484.633	16.54	27.54	3.62	0.00	47.70	54.0	6.30	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.

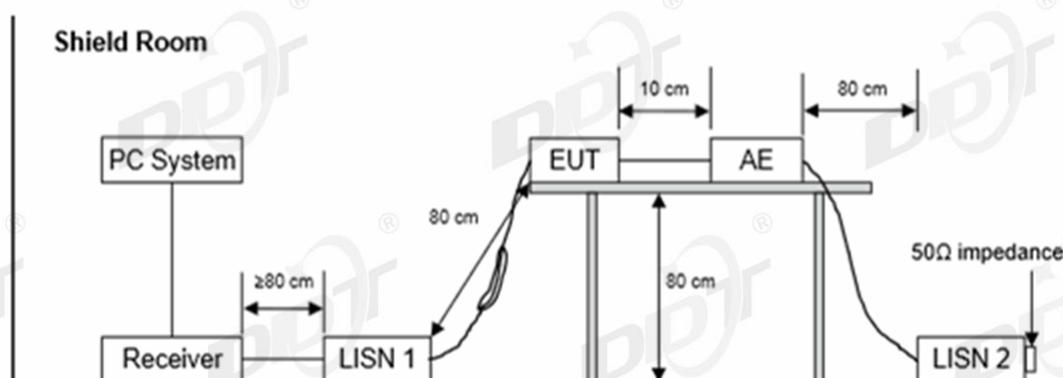
14. Power Line Conducted Emissions

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Conducted Radiated Software	Audix	E3	DDT-ZC00562	/
Δ-shaped artificial power network	SCHWARZBEC K	PVDC 8301	DDT-ZC03939	2025/03/31
RF Cable	Yuhu Technology	Z806-NJ-NJ-6M	DDT-ZC02004	2025/07/08
Three-phase artificial power network	SCHWARZBEC K	NSLK 8163	DDT-ZC01572	2025/07/08
Two Line V-Network	R&S	ENV216	DDT-ZC02056	2025/07/08
EMI Test Receiver	R&S	ESCI/E3	DDT-ZC01297	2025/07/08
Two Line V-Network	R&S	ENV216	DDT-ZC02059	2025/07/08
Pulse Limiter	SCHWARZBEC K	VTSD 9561	DDT-ZC02128	2025/07/08

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
EMI Test Receiver	R&S	ESCI	DDT-ZC00235	2025/07/08
Artificial mains	R&S	ESH2-Z5	DDT-ZC00538	2025/07/08
CE Cable 1	R&S	ESU8/RF2	DDT-ZC00566	2025/07/08
Two Line V-Network	R&S	ENV216	DDT-ZC00535	2025/07/08
EMI Test Software	Audix/TW	e3	DDT-ZC01252	/
Pulse Limiter	SCHWARZBEC K	ESH3-Z2	DDT-ZC00539	2025/07/08

14.2. Block diagram of test setup



14.3. Limits

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

Note 1: * Decreasing linearly with logarithm of frequency.

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

14.4. Assistant equipment used for test

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

14.5. Test procedure

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

All support equipment power received from a second LISN.

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

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

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

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

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

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

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

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

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

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

The bandwidth of test receiver is set at 9 kHz.

14.6. Test result

PASS. (See below detailed test result)

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

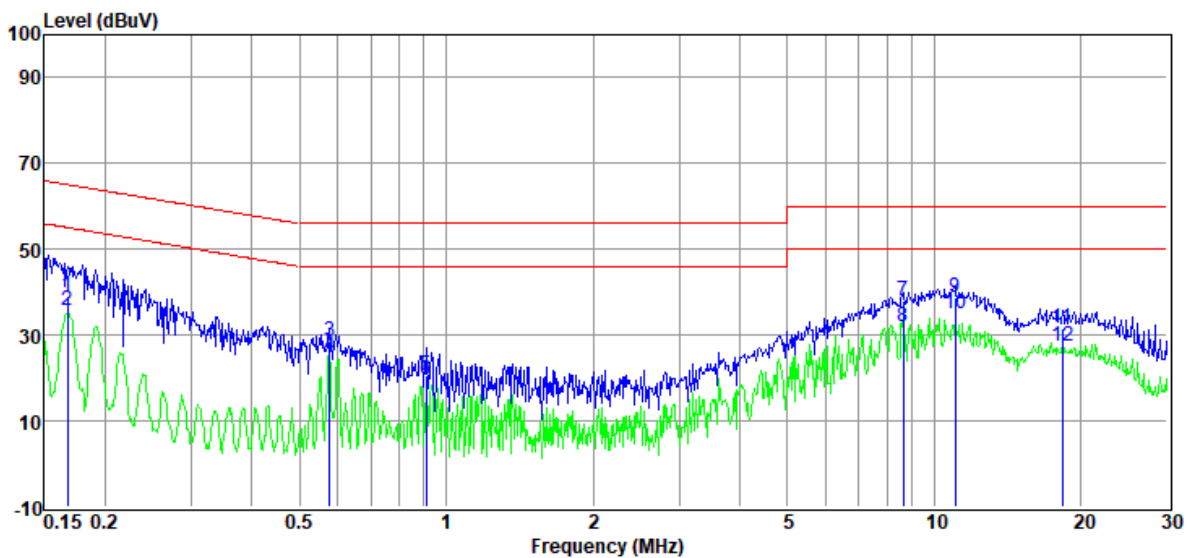
Note2: “---” means Peak detection; “---” means Average detection.

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

14.7. Test data

TR-4-E-010 Conducted Emission Test Result

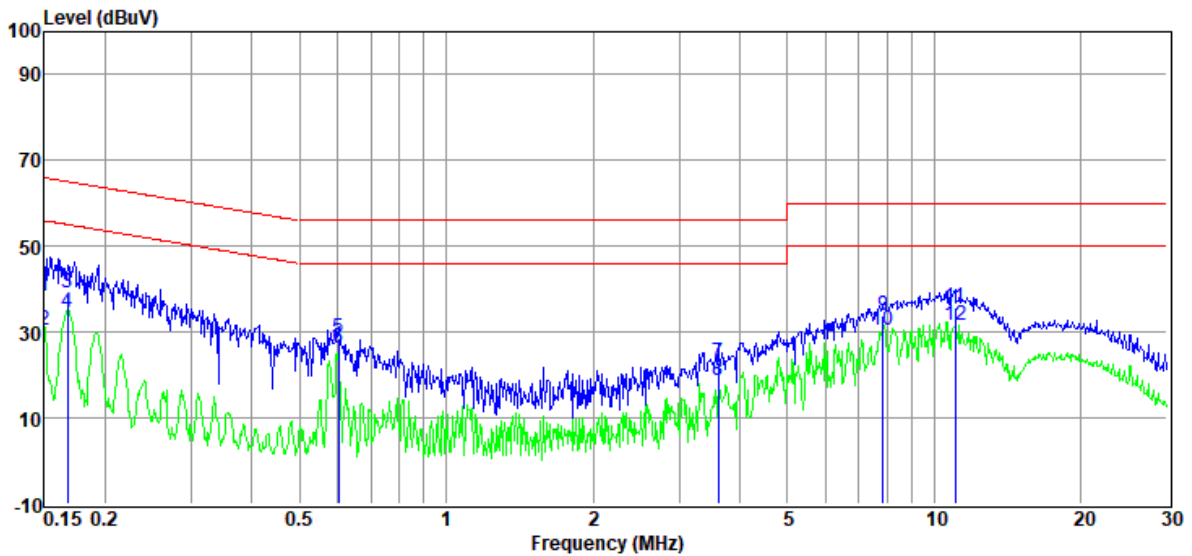
Test Site : DDT 6# Shield Room **D:\2024 Report Date\Q24072915-2E\0807 CE.EM6**
Test Date : 2024-08-07 **Tested By** : Genliu
EUT : M6s PoE++ Mesh Wi-Fi Router **Model Number** : MEAA0
Power Supply : AC 120V/60Hz **Test Mode** : 2.4G wifi mode
Condition : Temp:21.8°C,Humi:51.5% **LISN** : 2023 ENV 216 3#/NEUTRAL
Memo : Sample Number:S24072915-002 (Adapter: KA120C-5402000Q)



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBμV)	Limit Line (dBμV)	Over Limit (dB)	Detector	Phase
1	0.17	19.30	9.77	0.07	9.83	38.97	65.08	-26.11	QP	NEUTRAL
2	0.17	15.90	9.77	0.07	9.83	35.57	55.08	-19.51	Average	NEUTRAL
3	0.58	9.06	9.76	0.09	9.83	28.74	56.00	-27.26	QP	NEUTRAL
4	0.58	5.64	9.76	0.09	9.83	25.32	46.00	-20.68	Average	NEUTRAL
5	0.91	0.61	10.03	0.09	9.84	20.57	56.00	-35.43	QP	NEUTRAL
6	0.91	-0.63	10.03	0.09	9.84	19.33	46.00	-26.67	Average	NEUTRAL
7	8.64	18.33	9.70	0.19	9.87	38.09	60.00	-21.91	QP	NEUTRAL
8	8.64	12.37	9.70	0.19	9.87	32.13	50.00	-17.87	Average	NEUTRAL
9	11.02	19.12	9.69	0.22	9.89	38.92	60.00	-21.08	QP	NEUTRAL
10	11.02	15.17	9.69	0.22	9.89	34.97	50.00	-15.03	Average	NEUTRAL
11	18.33	11.54	9.94	0.25	9.93	31.66	60.00	-28.34	QP	NEUTRAL
12	18.33	7.31	9.94	0.25	9.93	27.43	50.00	-22.57	Average	NEUTRAL

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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room**D:\2024 Report Date\Q24072915-2E\0807 CE.EM6****Test Date** : 2024-08-07**Tested By** : Genliu**EUT** : M6s PoE++ Mesh Wi-Fi Router**Model Number** : MEAA0**Power Supply** : AC 120V/60Hz**Test Mode** : 2.4G wifi mode**Condition** : Temp:21.8°C,Humi:51.5%**LISN** : 2023 ENV 216 3#/LINE**Memo** : Sample Number:S24072915-002 (Adapter: KA120C-5402000Q)

Item (Mark)	Freq. (MHz)	Read Level (dBμV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBμV)	Limit Line (dBμV)	Over Limit (dB)	Detector	Phase
1	0.15	18.55	9.90	0.07	9.83	38.35	66.00	-27.65	QP	LINE
2	0.15	10.82	9.90	0.07	9.83	30.62	56.00	-25.38	Average	LINE
3	0.17	19.59	9.55	0.07	9.83	39.04	65.08	-26.04	QP	LINE
4	0.17	15.25	9.55	0.07	9.83	34.70	55.08	-20.38	Average	LINE
5	0.60	8.92	9.73	0.09	9.83	28.57	56.00	-27.43	QP	LINE
6	0.60	6.66	9.73	0.09	9.83	26.31	46.00	-19.69	Average	LINE
7	3.60	3.24	9.71	0.10	9.85	22.90	56.00	-33.10	QP	LINE
8	3.60	-1.09	9.71	0.10	9.85	18.57	46.00	-27.43	Average	LINE
9	7.85	14.27	9.67	0.17	9.87	33.98	60.00	-26.02	QP	LINE
10	7.85	10.69	9.67	0.17	9.87	30.40	50.00	-19.60	Average	LINE
11	11.02	16.20	9.60	0.22	9.89	35.91	60.00	-24.09	QP	LINE
12	11.02	11.93	9.60	0.22	9.89	31.64	50.00	-18.36	Average	LINE

Note: 1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.

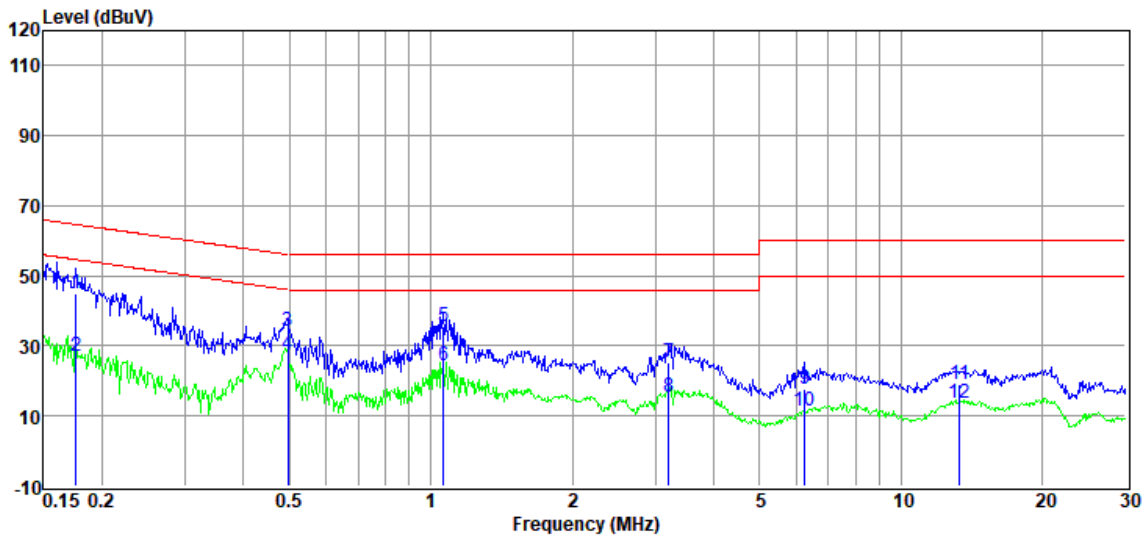
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).

4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room **D:\2024 CE report data\Q24072915-2E\FCC-CE.EM6**
Test Date : 2024-09-20 **Tested By** : Gen Liu
EUT : M6s PoE++ Mesh Wi-Fi Router **Model Number** : MEAA0
Power Supply : AC 120V/60Hz **Test Mode** : 2.4GWIFI mode
Condition : TEMP:21.5°C, RH:53.6% **LISN** : 2023 1# ENV216/LINE
Memo : Sample Number:S24072915-002 (Adapter: KA4801A-2402000US)



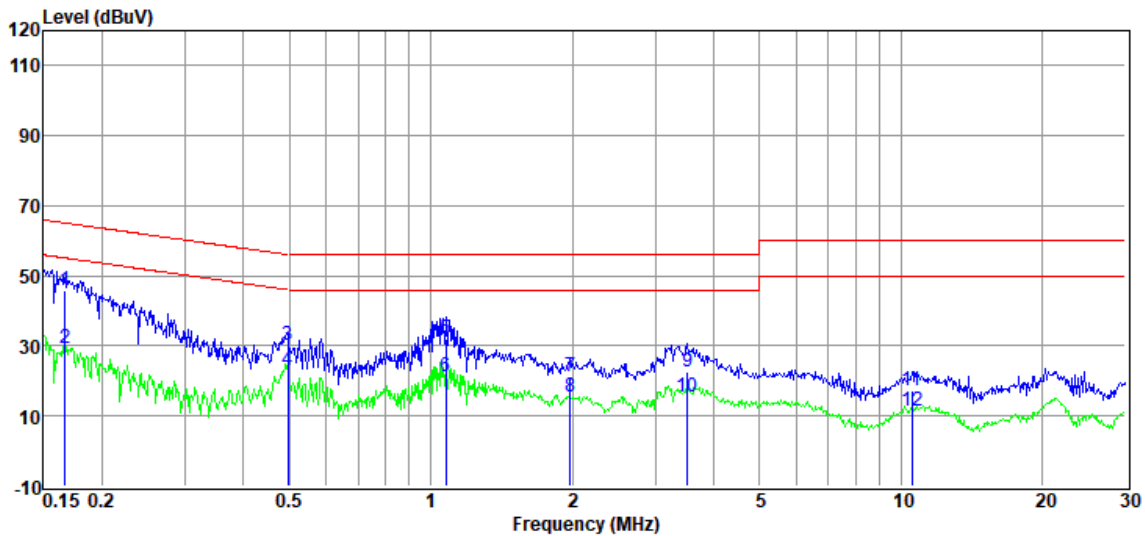
Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.18	24.40	9.74	0.92	9.68	44.74	64.68	-19.94	QP	LINE
2	0.18	6.94	9.74	0.92	9.68	27.28	54.68	-27.40	Average	LINE
3	0.50	13.96	9.82	0.86	9.71	34.35	56.05	-21.70	QP	LINE
4	0.50	7.29	9.82	0.86	9.71	27.68	46.05	-18.37	Average	LINE
5	1.07	15.72	9.65	0.67	9.73	35.77	56.00	-20.23	QP	LINE
6	1.07	4.22	9.65	0.67	9.73	24.27	46.00	-21.73	Average	LINE
7	3.21	5.10	9.63	0.58	9.78	25.09	56.00	-30.91	QP	LINE
8	3.21	-4.46	9.63	0.58	9.78	15.53	46.00	-30.47	Average	LINE
9	6.25	-2.42	9.69	0.47	9.80	17.54	60.00	-42.46	QP	LINE
10	6.25	-8.52	9.69	0.47	9.80	11.44	50.00	-38.56	Average	LINE
11	13.34	-0.68	9.78	0.24	9.86	19.20	60.00	-40.80	QP	LINE
12	13.34	-6.31	9.78	0.24	9.86	13.57	50.00	-36.43	Average	LINE

Note:

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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room **D:\2024 CE report data\Q24072915-2E\FCC-CE.EM6**
Test Date : 2024-09-20 **Tested By** : Gen Liu
EUT : M6s PoE++ Mesh Wi-Fi Router **Model Number** : MEAA0
Power Supply : AC 120V/60Hz **Test Mode** : 2.4GWIFI mode
Condition : TEMP:21.5°C, RH:53.6% **LISN** : 2023 1# ENV216/NEUTRAL
Memo : Sample Number:S24072915-002 (Adapter: KA4801A-2402000US)



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.17	25.52	9.88	0.92	9.68	46.00	65.12	-19.12	QP	NEUTRAL
2	0.17	8.66	9.88	0.92	9.68	29.14	55.12	-25.98	Average	NEUTRAL
3	0.50	9.70	9.80	0.86	9.71	30.07	56.05	-25.98	QP	NEUTRAL
4	0.50	2.86	9.80	0.86	9.71	23.23	46.05	-22.82	Average	NEUTRAL
5	1.08	11.64	9.74	0.67	9.73	31.78	56.00	-24.22	QP	NEUTRAL
6	1.08	1.01	9.74	0.67	9.73	21.15	46.00	-24.85	Average	NEUTRAL
7	1.98	1.00	9.82	0.64	9.76	21.22	56.00	-34.78	QP	NEUTRAL
8	1.98	-4.68	9.82	0.64	9.76	15.54	46.00	-30.46	Average	NEUTRAL
9	3.51	2.49	9.73	0.57	9.78	22.57	56.00	-33.43	QP	NEUTRAL
10	3.51	-4.81	9.73	0.57	9.78	15.27	46.00	-30.73	Average	NEUTRAL
11	10.56	-2.58	9.78	0.18	9.83	17.21	60.00	-42.79	QP	NEUTRAL
12	10.56	-8.12	9.78	0.18	9.83	11.67	50.00	-38.33	Average	NEUTRAL

Note:

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

16. Photos of the EUT

Please refer to DDT-Q24072915-1E appendix I

-----End Report-----