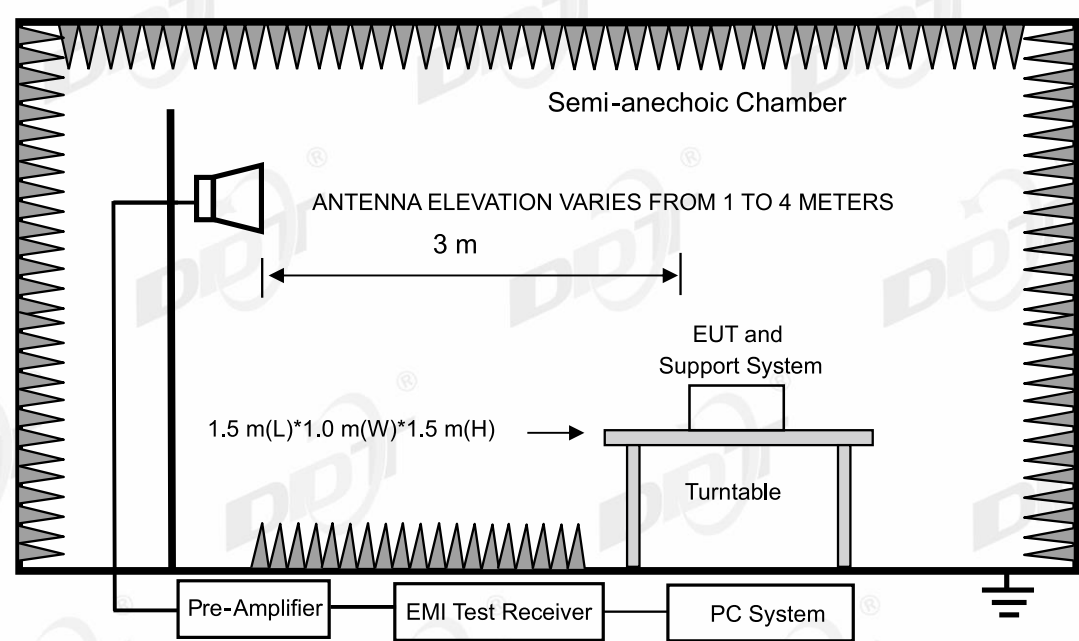


13.Band Edge Compliance

13.1. Test equipment

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

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.

13.6. Test result

PASS. (See below detailed test result)

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-15

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT1 11A 5180 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

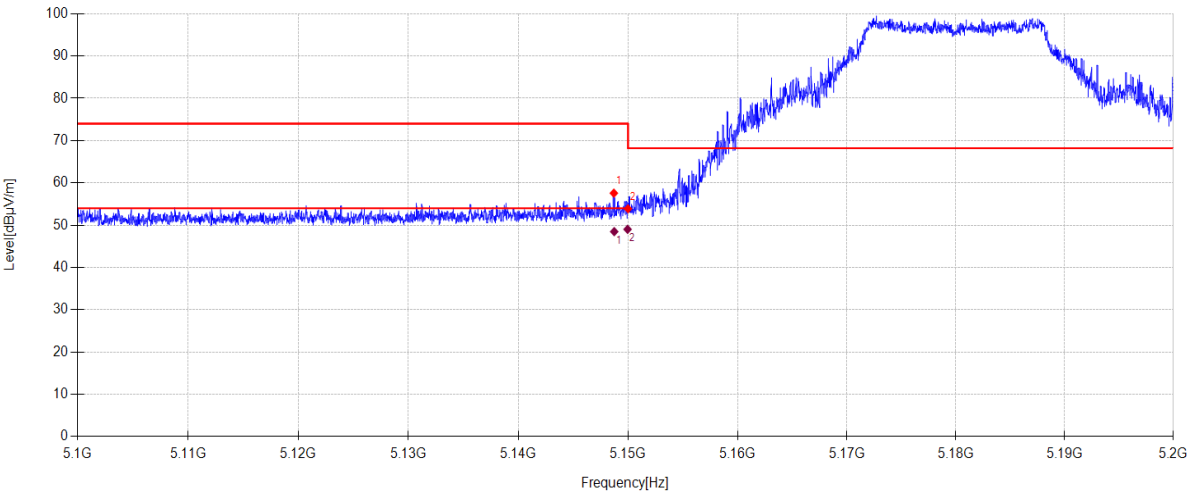
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5148.710	48.95	33.40	5.28	-30.06	57.57	74.00	16.43	PK	Horizontal
2	5150.000	45.26	33.40	5.28	-30.06	53.88	68.20	14.32	PK	Horizontal

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	5148.743	39.86	33.40	5.28	-30.06	48.48	54	5.52	AV	Horizontal
2	5149.959	40.39	33.40	5.28	-30.06	49.01	54	4.99	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:

2024-08-15

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT1 11A 5180 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

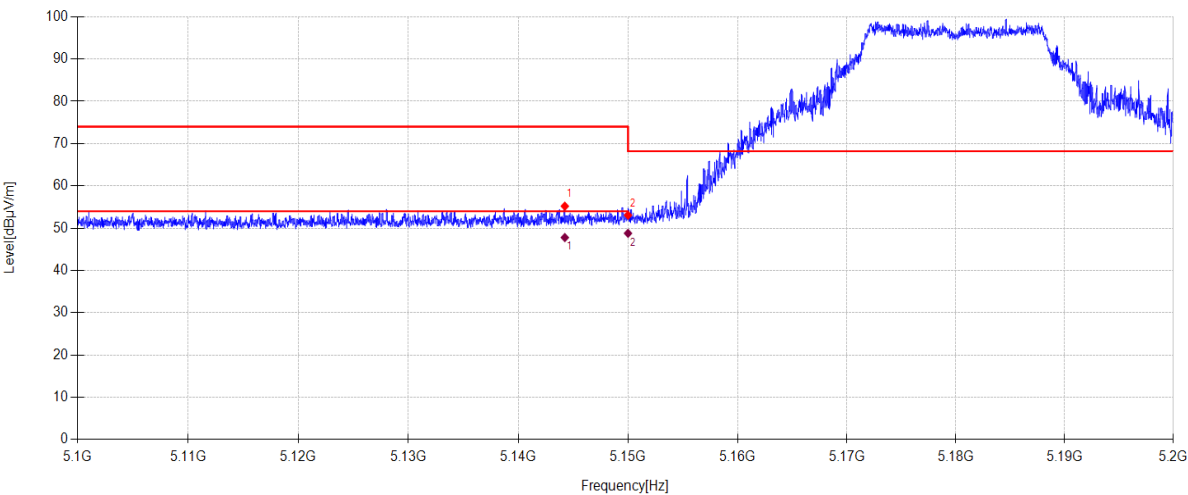
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5144.240	46.58	33.40	5.28	-30.06	55.20	74.00	18.80	PK	Vertical
2	5150.000	44.44	33.40	5.28	-30.06	53.06	68.20	15.14	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	5144.240	39.16	33.40	5.28	-30.06	47.78	54	6.22	AV	Vertical
2	5150.000	40.16	33.40	5.28	-30.06	48.78	54	5.22	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:

2024-08-15

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT1 11A 5320 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

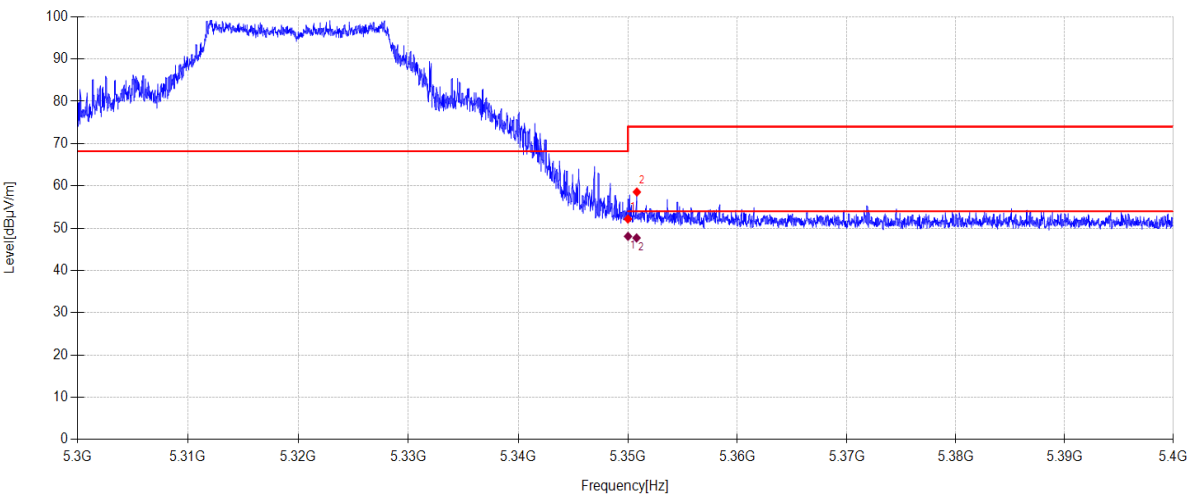
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5350.000	43.69	33.10	5.41	-30.03	52.17	68.20	16.03	PK	Horizontal
2	5350.820	50.07	33.10	5.41	-30.03	58.55	74.00	15.45	PK	Horizontal

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	5350.012	39.58	33.10	5.41	-30.03	48.06	54	5.94	AV	Horizontal
2	5350.790	39.21	33.10	5.41	-30.03	47.69	54	6.31	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:

2024-08-15

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT1 11A 5320 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

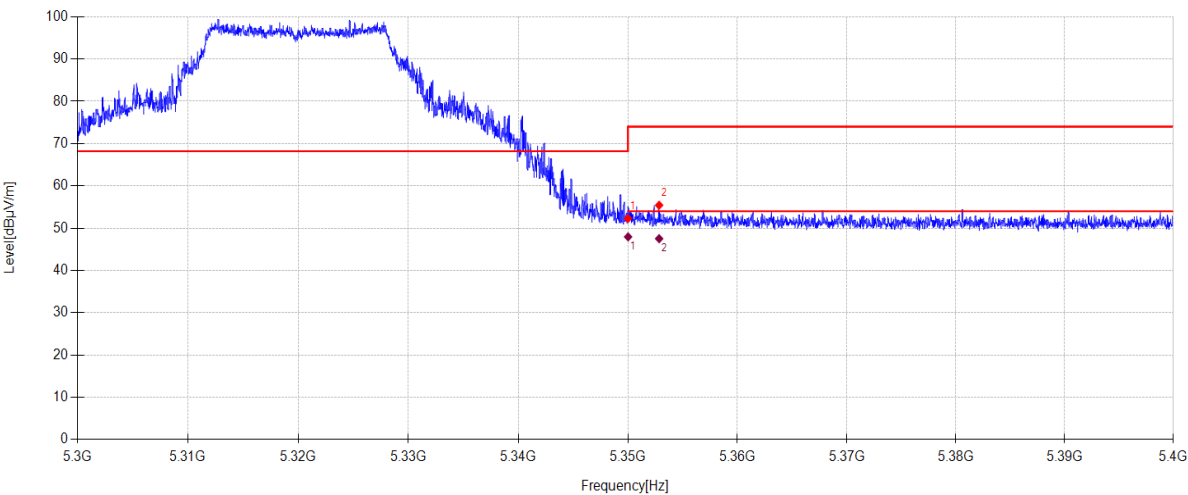
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5350.000	43.79	33.10	5.41	-30.03	52.27	68.20	15.93	PK	Vertical
2	5352.850	46.94	33.10	5.41	-30.03	55.42	74.00	18.58	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	5350.016	39.46	33.10	5.41	-30.03	47.94	54	6.06	AV	Vertical
2	5352.850	39.04	33.10	5.41	-30.03	47.52	54	6.48	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:

2024-08-15

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT1 11A 5500 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

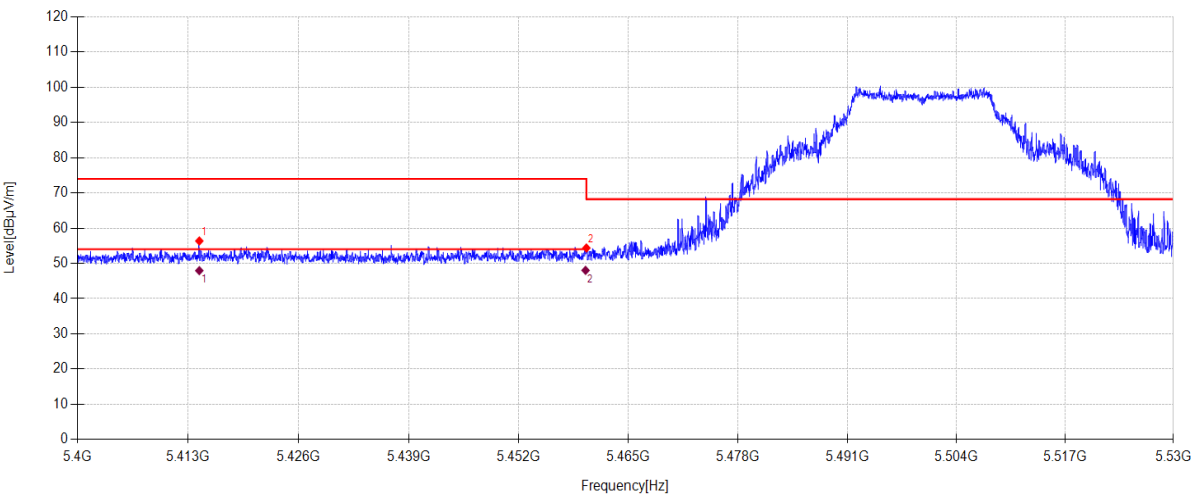
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5414.313	47.87	33.07	5.45	-30.03	56.36	74.00	17.64	PK	Horizontal
2	5460.000	45.92	33.00	5.48	-30.02	54.38	68.20	13.82	PK	Horizontal

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	5414.313	39.46	33.07	5.45	-30.03	47.95	54	6.05	AV	Horizontal
2	5459.894	39.56	33.00	5.48	-30.02	48.02	54	5.98	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:

2024-08-15

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT1 11A 5500 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

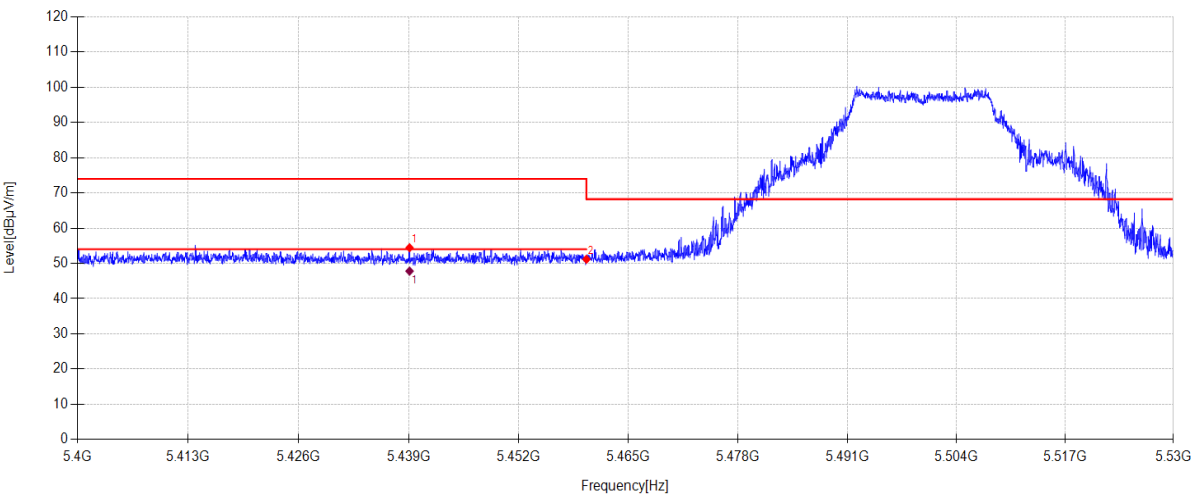
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5439.078	45.97	33.02	5.47	-30.02	54.44	74.00	19.56	PK	Vertical
2	5460.000	42.72	33.00	5.48	-30.02	51.18	68.20	17.02	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	5439.078	39.35	33.02	5.47	-30.02	47.82	54	6.18	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:

2024-08-15

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT1 11A 5700 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

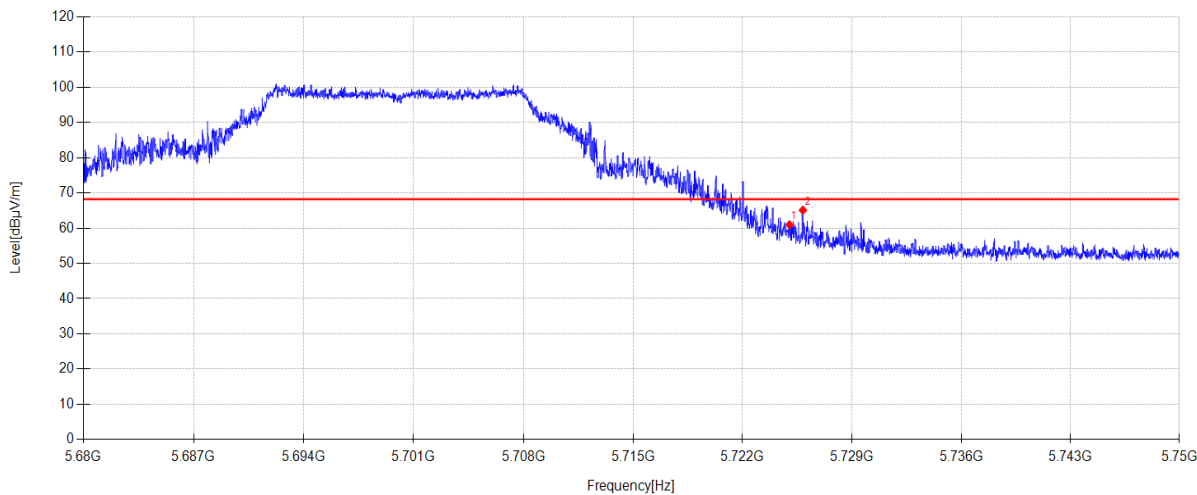
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5725.000	51.55	33.75	5.66	-29.99	60.97	68.20	7.23	PK	Horizontal
2	5725.857	55.67	33.76	5.66	-29.99	65.10	68.20	3.10	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:

2024-08-15

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT1 11A 5700 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

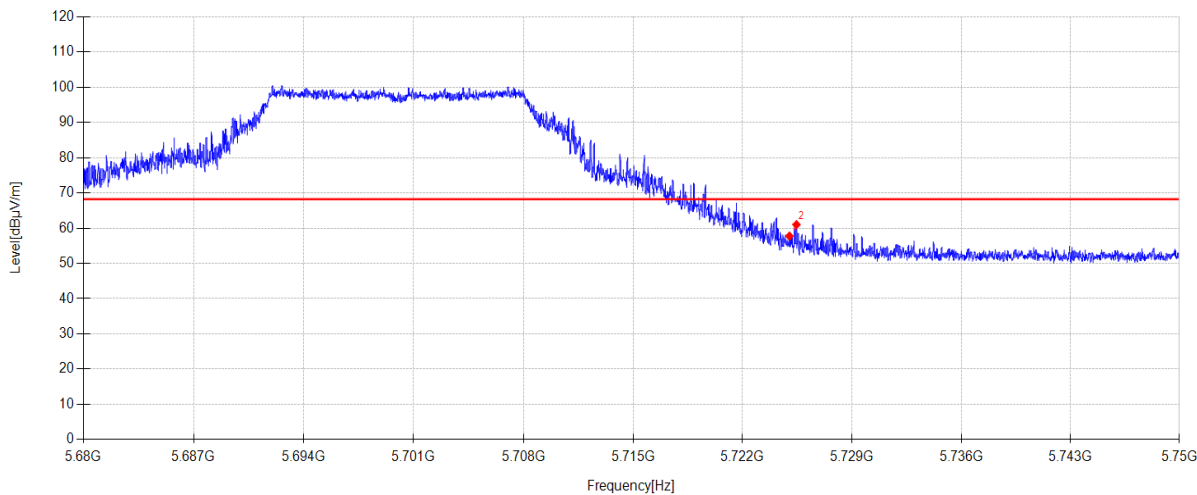
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5725.000	48.33	33.75	5.66	-29.99	57.75	68.20	10.45	PK	Vertical
2	5725.451	51.58	33.75	5.66	-29.99	61.00	68.20	7.20	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:

2024-08-15

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT2 11A 5180 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

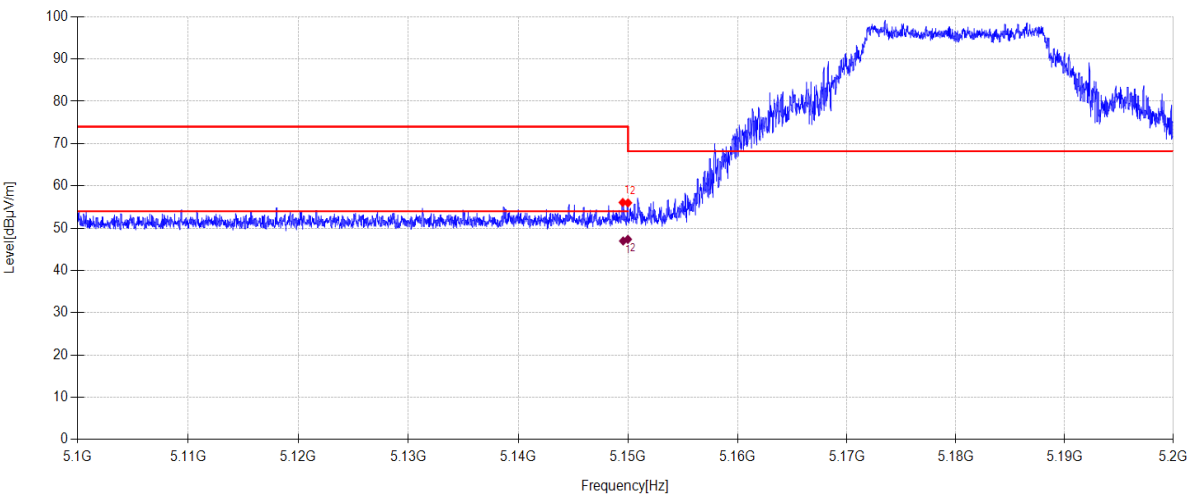
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5149.520	47.46	33.40	5.28	-30.06	56.08	74.00	17.92	PK	Horizontal
2	5150.000	47.36	33.40	5.28	-30.06	55.98	68.20	12.22	PK	Horizontal

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	5149.557	38.35	33.40	5.28	-30.06	46.97	54	7.03	AV	Horizontal
2	5149.987	38.74	33.40	5.28	-30.06	47.36	54	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:

2024-08-15

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT2 11A 5180 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

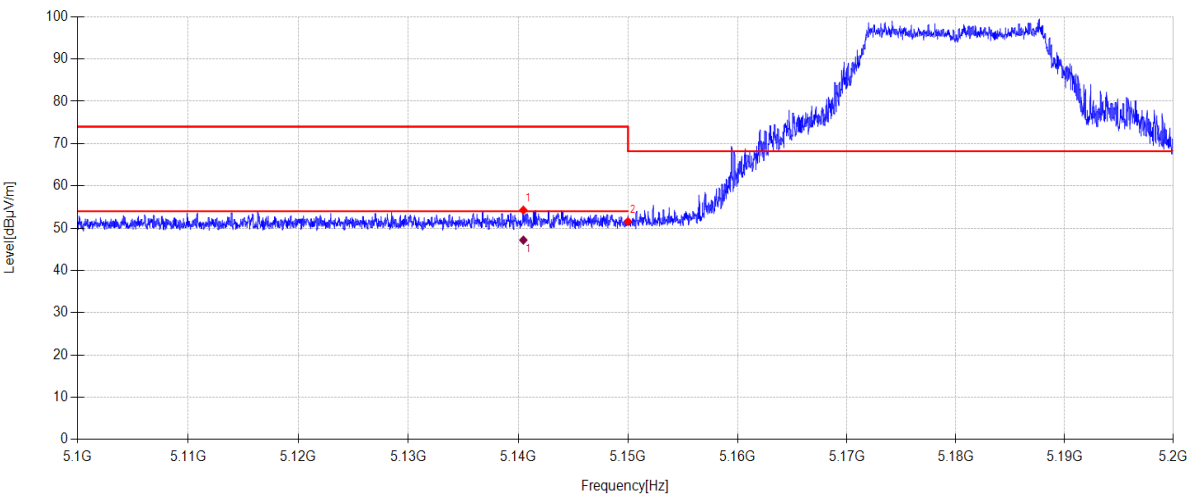
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5140.460	45.65	33.40	5.27	-30.06	54.26	74.00	19.74	PK	Vertical
2	5150.000	42.94	33.40	5.28	-30.06	51.56	68.20	16.14	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	5140.460	38.56	33.40	5.27	-30.06	47.17	54	6.83	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:

2024-08-15

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT2 11A 5320 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

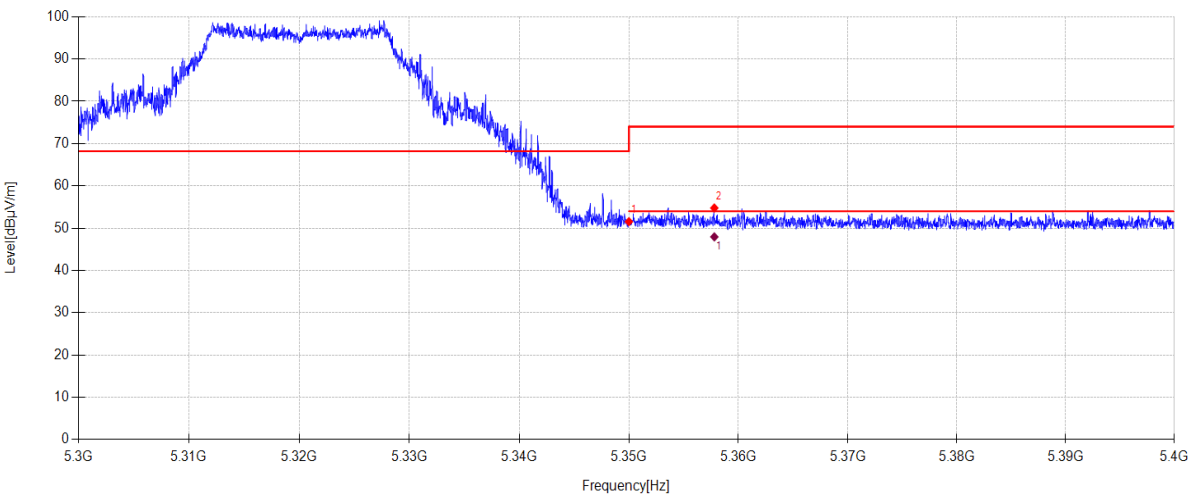
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5350.000	43.06	33.10	5.41	-30.03	51.54	68.20	16.16	PK	Horizontal
2	5357.800	46.28	33.10	5.42	-30.03	54.77	74.00	19.23	PK	Horizontal

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	5357.800	39.45	33.10	5.42	-30.03	47.94	54	6.06	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:

2024-08-15

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT2 11A 5320 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

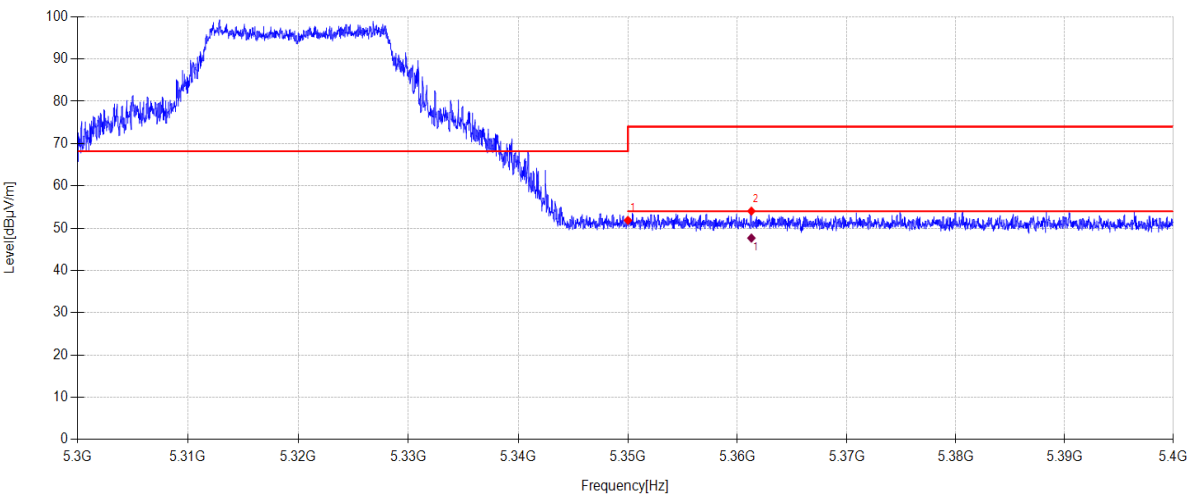
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d:\ts\2024 report data\Q24072915\FCC RE Above 1G 5G\42

Memo:

Dongle Sample Number:S24072915-001 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	5350.000	43.37	33.10	5.41	-30.03	51.85	68.20	16.35	PK	Vertical
2	5361.280	45.54	33.10	5.42	-30.03	54.03	74.00	19.97	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	5361.280	39.16	33.10	5.42	-30.03	47.65	54	6.35	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:

2024-08-15

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT2 11A 5500 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

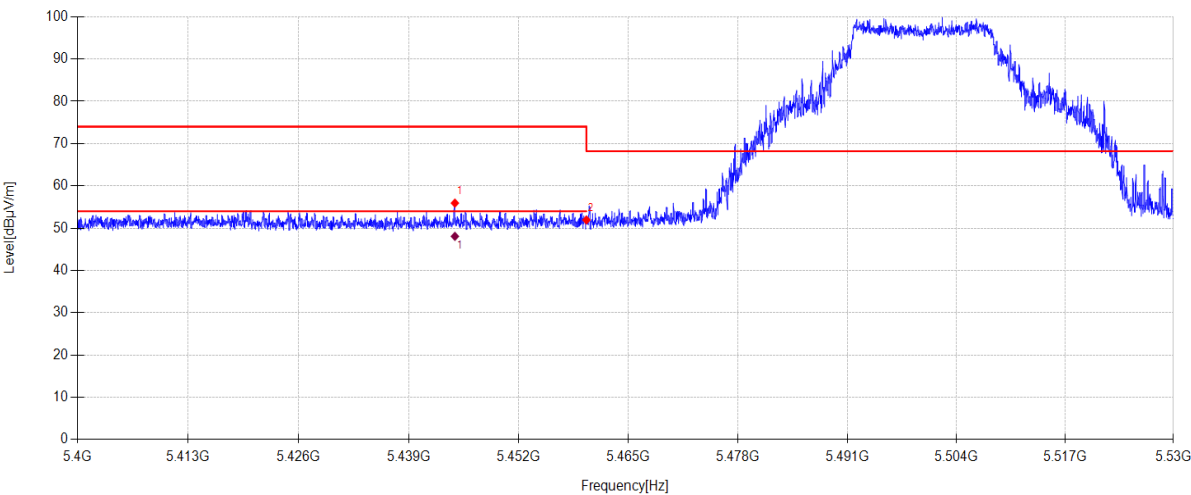
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5444.434	47.47	33.01	5.47	-30.02	55.93	74.00	18.07	PK	Horizontal
2	5460.000	43.48	33.00	5.48	-30.02	51.94	68.20	16.26	PK	Horizontal

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	5444.434	39.61	33.01	5.47	-30.02	48.07	54	5.93	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:

2024-08-15

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT2 11A 5500 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

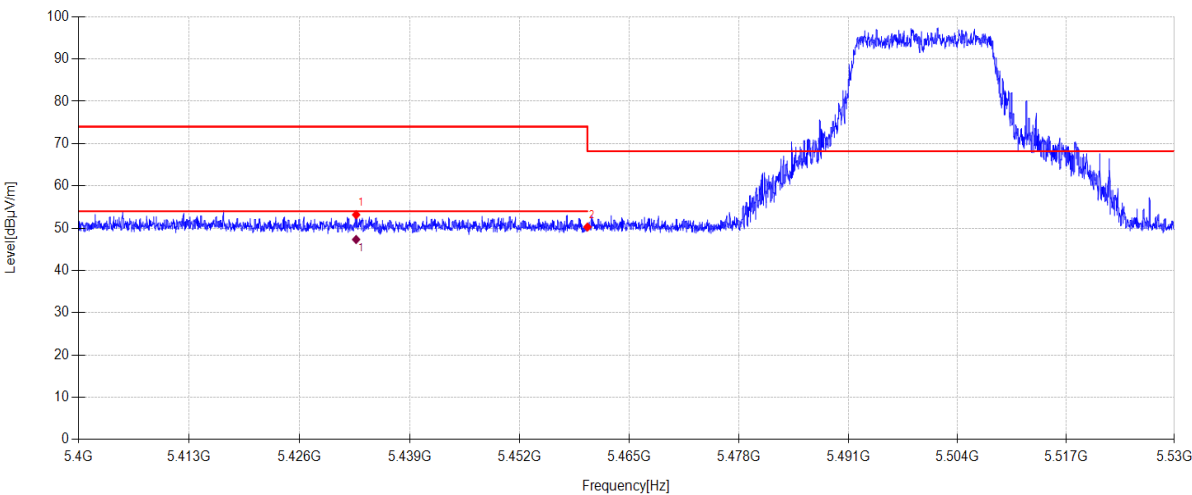
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5432.656	44.69	33.03	5.47	-30.02	53.17	74.00	20.83	PK	Vertical
2	5460.000	41.80	33.00	5.48	-30.02	50.26	68.20	17.94	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	5432.656	38.84	33.03	5.47	-30.02	47.32	54	6.68	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:

2024-08-16

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT2 11A 5700 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

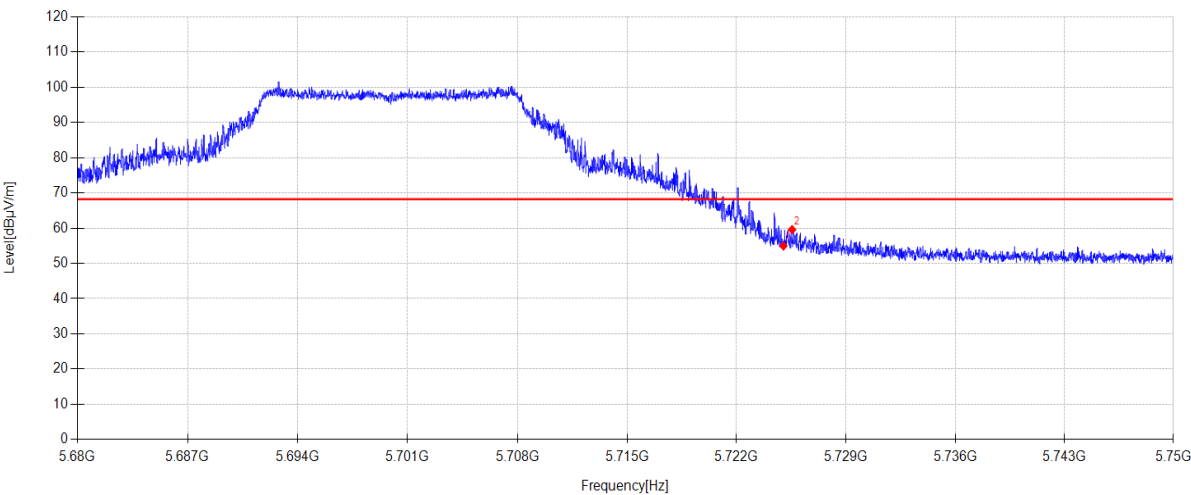
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5725.000	45.53	33.75	5.66	-29.99	54.95	68.20	13.25	PK	Horizontal
2	5725.556	50.18	33.75	5.66	-29.99	59.60	68.20	8.60	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:

2024-08-16

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT2 11A 5700 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

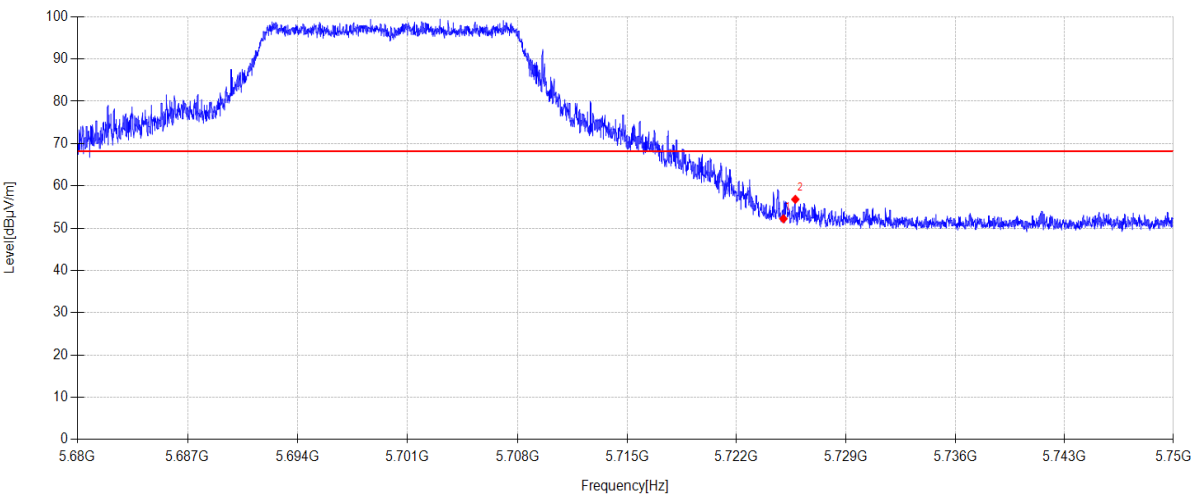
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5725.000	42.80	33.75	5.66	-29.99	52.22	68.20	15.98	PK	Vertical
2	5725.759	47.39	33.75	5.66	-29.99	56.81	68.20	11.39	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N20 5180 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

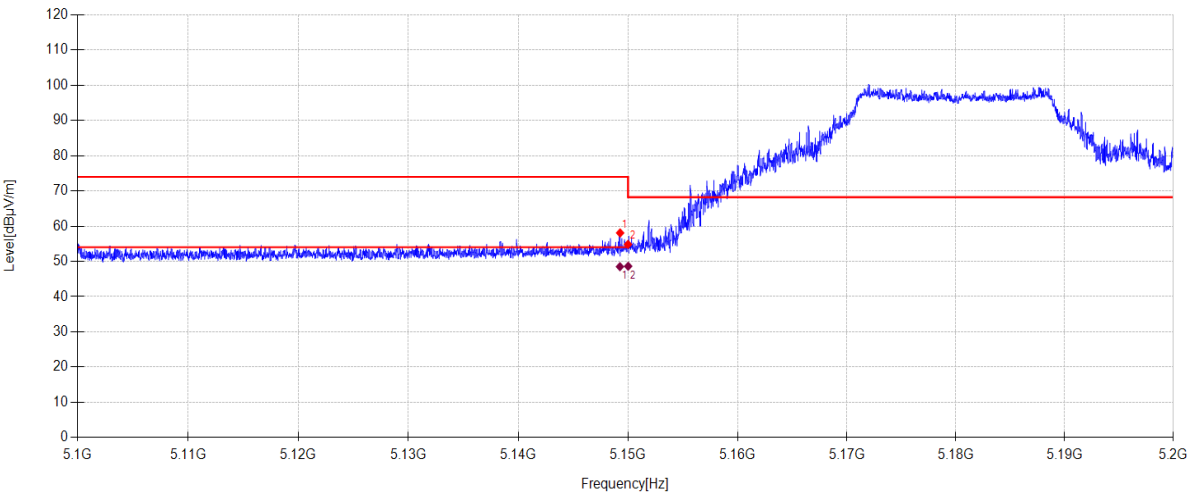
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5149.280	49.46	33.40	5.28	-30.06	58.08	74.00	15.92	RMS	Horizontal
2	5150.000	46.21	33.40	5.28	-30.06	54.83	68.20	13.37	RMS	Horizontal

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	5149.264	39.89	33.40	5.28	-30.06	48.51	54	5.49	AV	Horizontal
2	5150.014	40.01	33.40	5.28	-30.06	48.63	54	5.37	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N20 5180 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

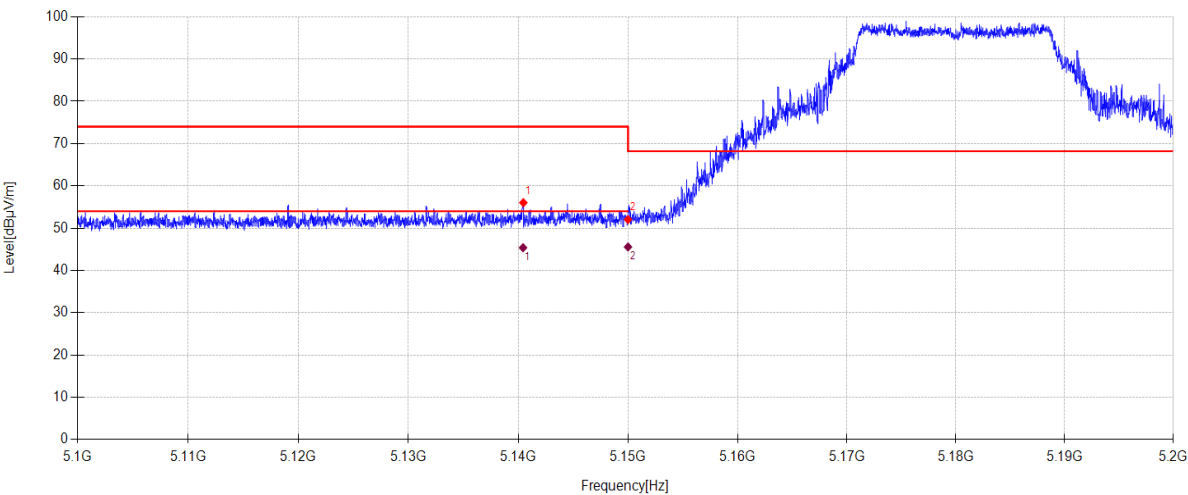
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5140.460	47.42	33.40	5.27	-30.06	56.03	74.00	17.97	RMS	Vertical
2	5150.000	43.42	33.40	5.28	-30.06	52.04	68.20	16.16	RMS	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	5140.431	36.77	33.40	5.27	-30.06	45.38	54	8.62	AV	Vertical
2	5150.000	36.93	33.40	5.28	-30.06	45.55	54	8.45	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N20 5320 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

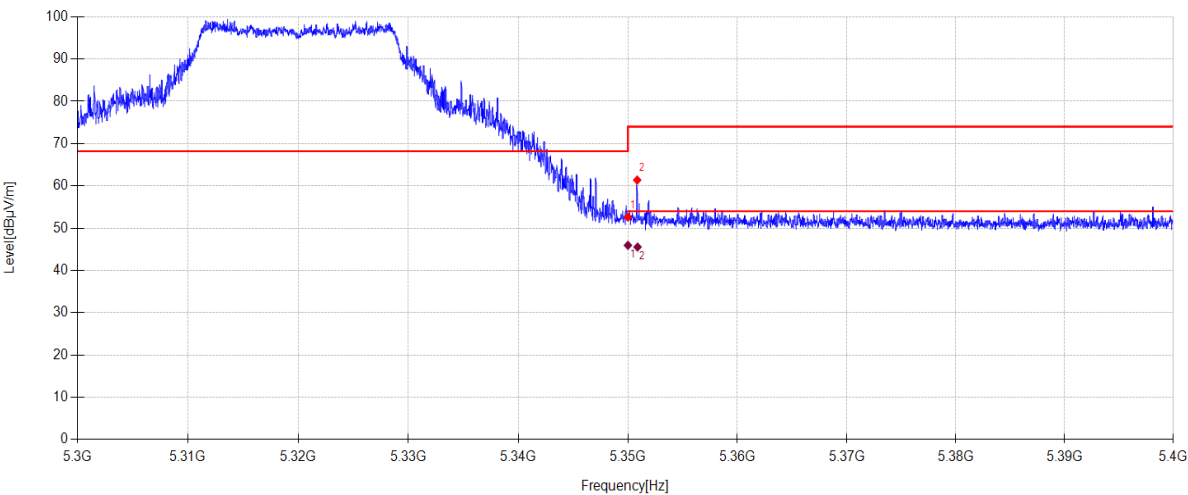
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5350.000	44.15	33.10	5.41	-30.03	52.63	68.20	15.57	PK	Horizontal
2	5350.850	52.90	33.10	5.41	-30.03	61.38	74.00	12.62	PK	Horizontal

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	37.46	33.10	5.41	-30.03	45.94	54	8.06	AV	Horizontal
2	5350.881	37.06	33.10	5.41	-30.03	45.54	54	8.46	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N20 5320 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

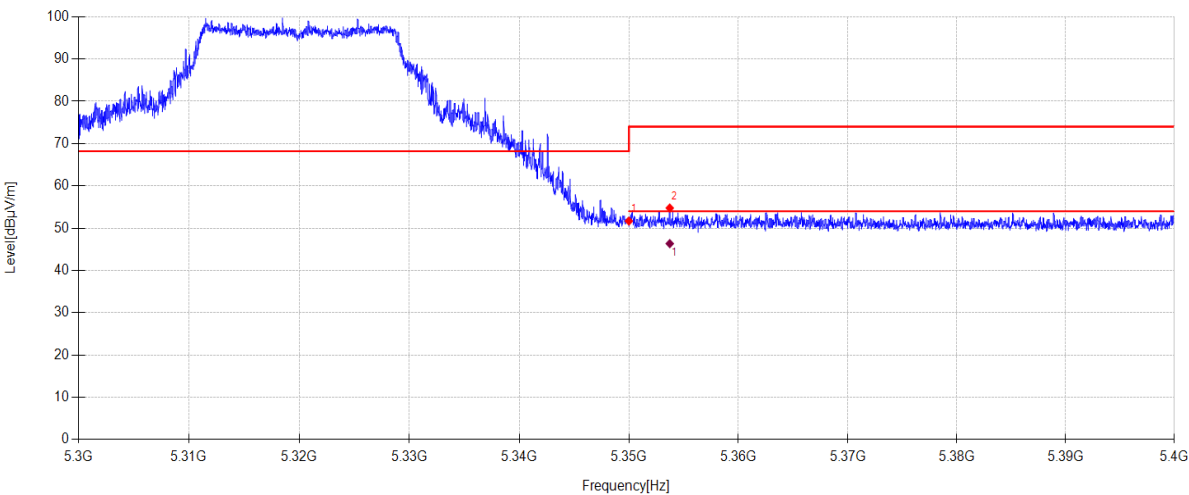
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5350.000	43.21	33.10	5.41	-30.03	51.69	68.20	16.51	PK	Vertical
2	5353.730	46.28	33.10	5.41	-30.03	54.76	74.00	19.24	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	5353.730	37.86	33.10	5.41	-30.03	46.34	54	7.66	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N20 5500 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

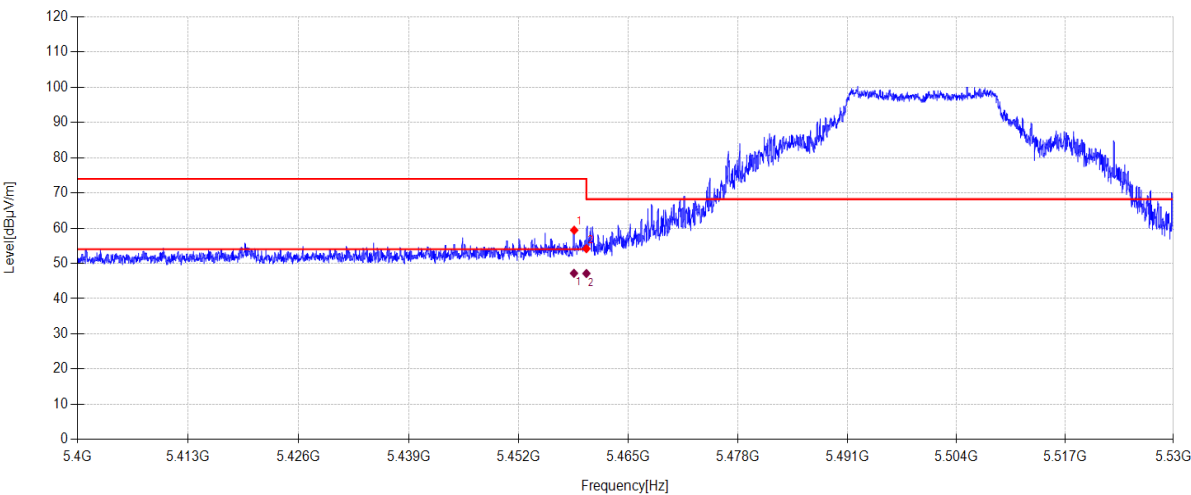
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5458.552	50.97	33.00	5.48	-30.02	59.43	74.00	14.57	PK	Horizontal
2	5460.000	45.72	33.00	5.48	-30.02	54.18	68.20	14.02	PK	Horizontal

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	5458.526	38.73	33.00	5.48	-30.02	47.19	54	6.81	AV	Horizontal
2	5460.000	38.68	33.00	5.48	-30.02	47.14	54	6.86	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N20 5500 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

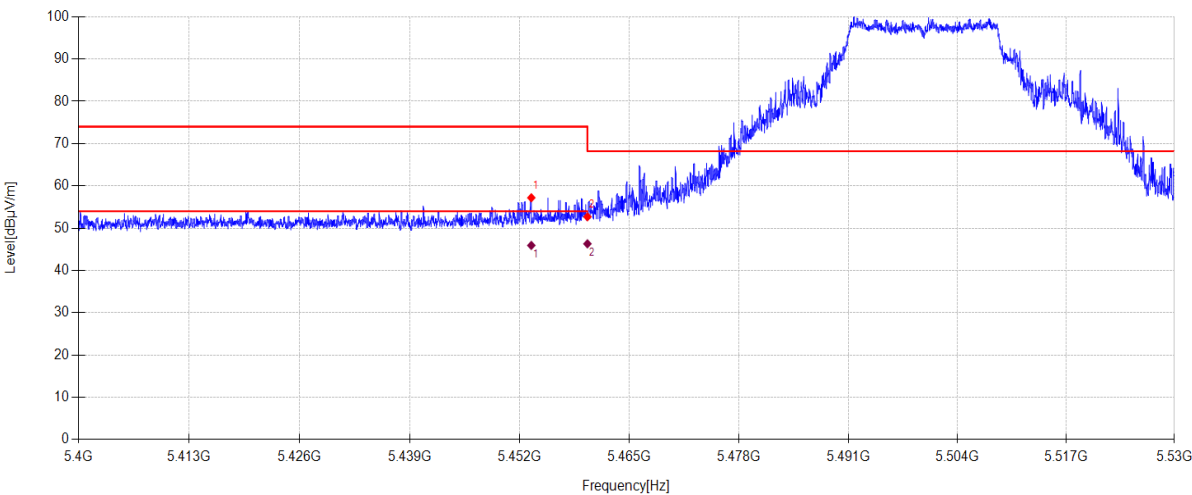
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5453.352	48.73	33.00	5.48	-30.02	57.19	74.00	16.81	PK	Vertical
2	5460.000	44.23	33.00	5.48	-30.02	52.69	68.20	15.51	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	5453.352	37.46	33.00	5.48	-30.02	45.92	54	8.08	AV	Vertical
2	5460.000	37.84	33.00	5.48	-30.02	46.30	54	7.70	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N20 5700 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

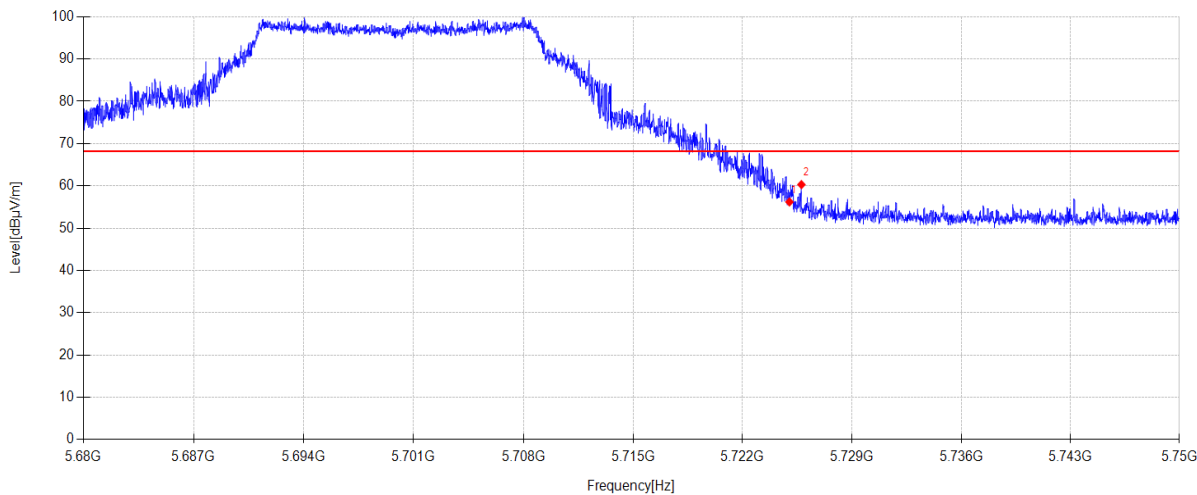
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5725.000	46.79	33.75	5.66	-29.99	56.21	68.20	11.99	PK	Horizontal
2	5725.766	50.89	33.75	5.66	-29.99	60.31	68.20	7.89	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N20 5700 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

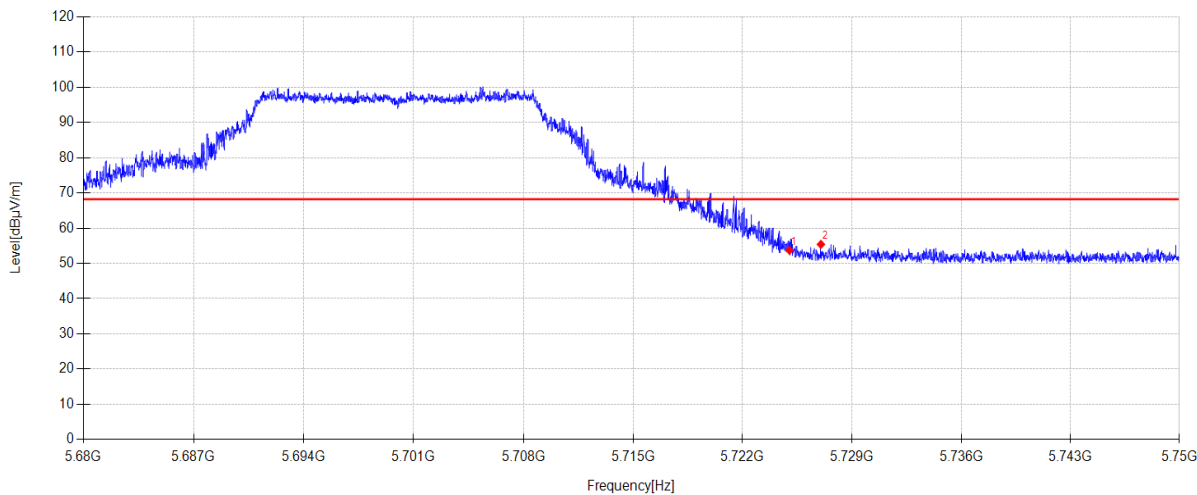
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5725.000	44.30	33.75	5.66	-29.99	53.72	68.20	14.48	PK	Vertical
2	5727.012	45.97	33.76	5.66	-29.99	55.40	68.20	12.80	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AC20 5180 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

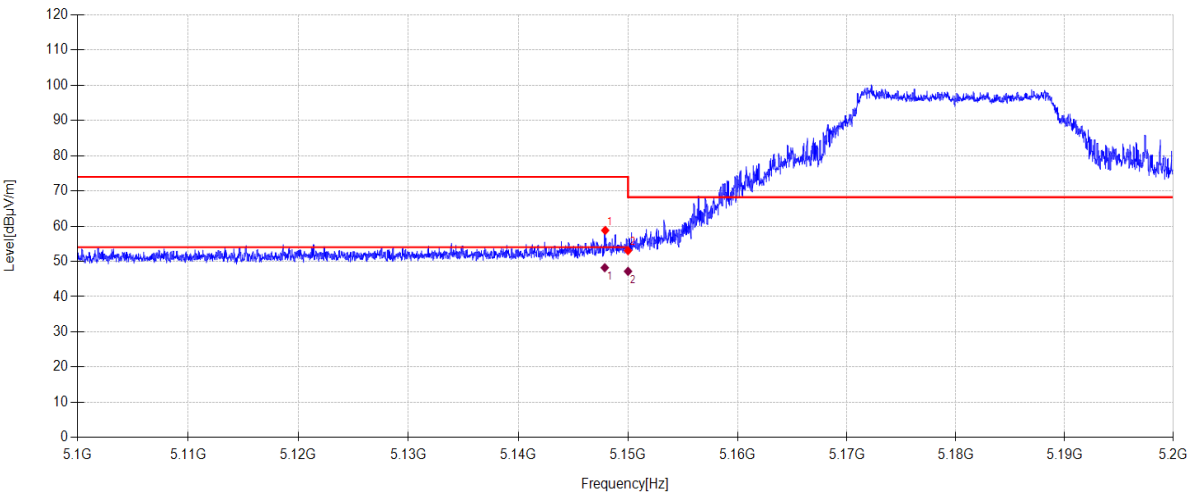
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5147.920	50.18	33.40	5.28	-30.06	58.80	74.00	15.20	PK	Horizontal
2	5150.000	44.43	33.40	5.28	-30.06	53.05	68.20	15.15	PK	Horizontal

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	5147.880	39.60	33.40	5.28	-30.06	48.22	54	5.78	AV	Horizontal
2	5150.000	38.56	33.40	5.28	-30.06	47.18	54	6.82	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AC20 5180 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

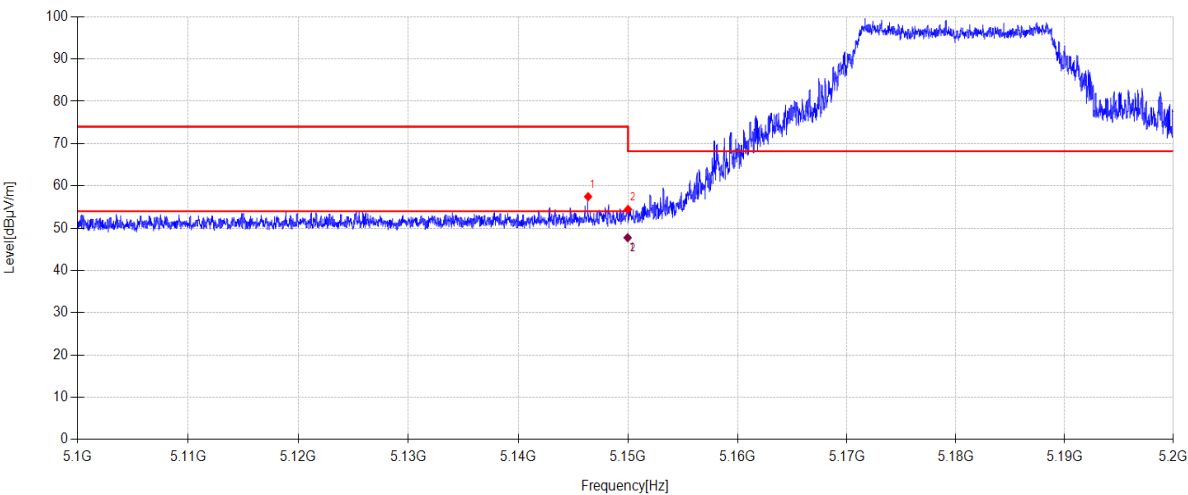
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d:\ts\2024 report data\Q24072915\FCC RE Above 1G 5G\56

Memo:

Dongle Sample Number:S24072915-001 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	5146.360	48.83	33.40	5.28	-30.06	57.45	74.00	16.55	PK	Vertical
2	5150.000	45.83	33.40	5.28	-30.06	54.45	68.20	13.75	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	5149.968	39.12	33.40	5.28	-30.06	47.74	54	6.26	AV	Vertical
2	5150.000	38.79	33.40	5.28	-30.06	47.41	54	6.59	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AC20 5320 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

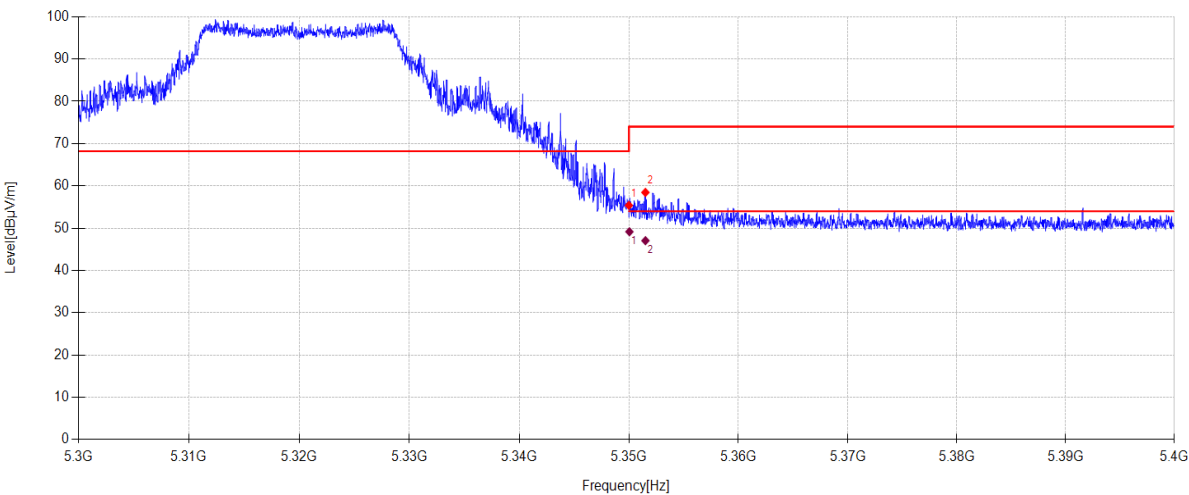
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	46.90	33.10	5.41	-30.03	55.38	68.20	12.82	PK	Horizontal
2	5351.510	49.97	33.10	5.41	-30.03	58.45	74.00	15.55	PK	Horizontal

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	5350.048	40.67	33.10	5.41	-30.03	49.15	54	4.85	AV	Horizontal
2	5351.510	38.56	33.10	5.41	-30.03	47.04	54	6.96	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AC20 5320 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

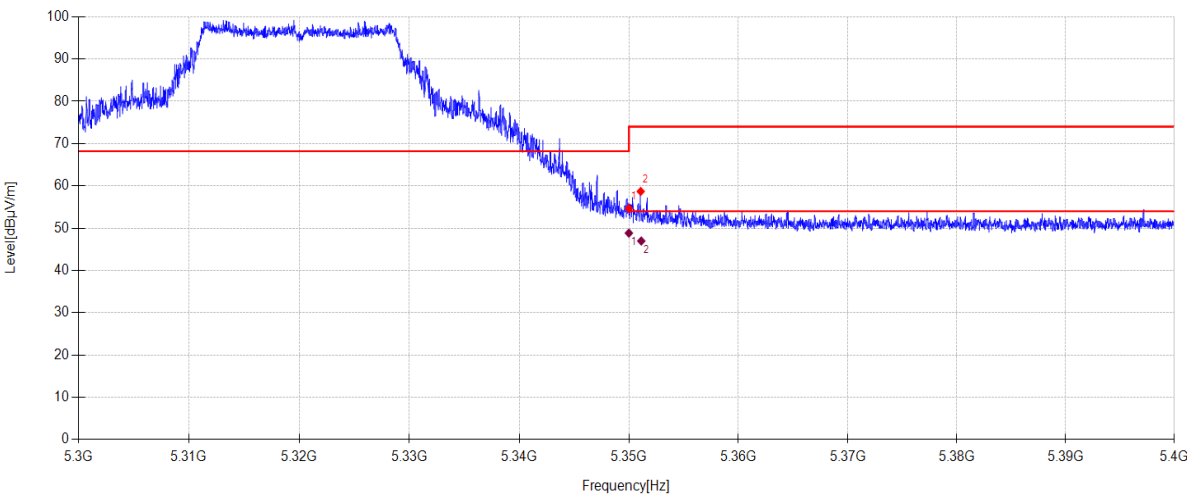
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d:\ts\2024 report data\Q24072915\FCC RE Above 1G 5G\58

Memo:

Dongle Sample Number:S24072915-001 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	46.16	33.10	5.41	-30.03	54.64	68.20	13.56	PK	Vertical
2	5351.080	50.21	33.10	5.41	-30.03	58.69	74.00	15.31	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	5350.000	40.35	33.10	5.41	-30.03	48.83	54	5.17	AV	Vertical
2	5351.128	38.48	33.10	5.41	-30.03	46.96	54	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AC20 5500 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

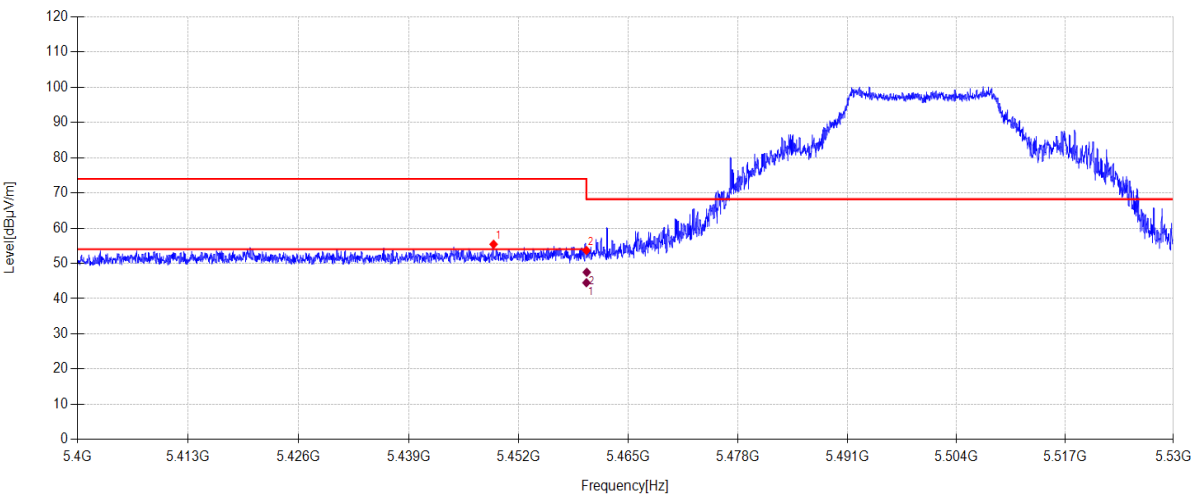
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5449.010	46.97	33.00	5.48	-30.02	55.43	74.00	18.57	PK	Horizontal
2	5460.000	45.20	33.00	5.48	-30.02	53.66	68.20	14.54	PK	Horizontal

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	5460.000	36.05	33.00	5.48	-30.02	44.51	54	9.49	AV	Horizontal
2	5460.036	39.02	33.00	5.48	-30.02	47.48	54	6.52	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AC20 5500 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

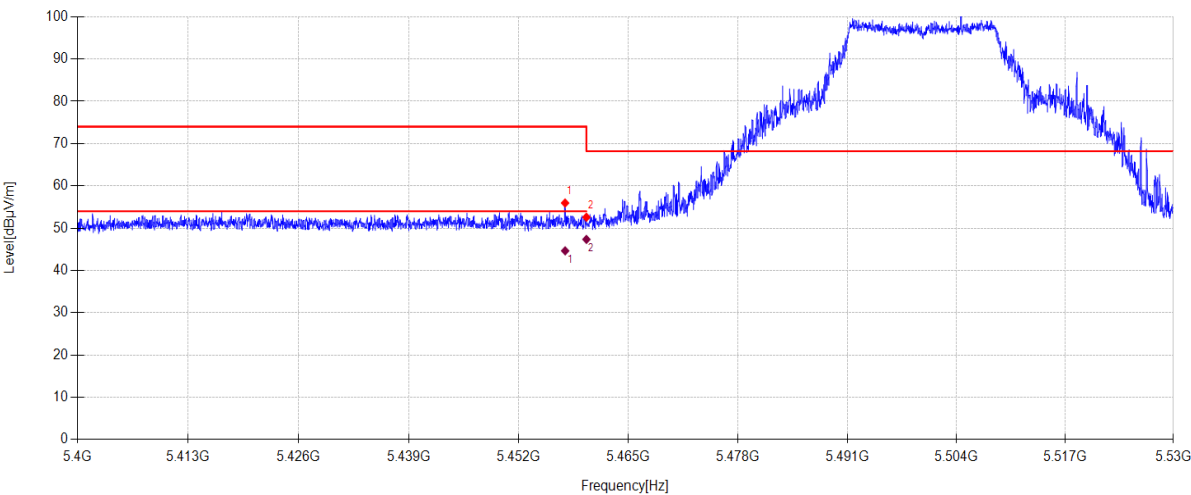
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5457.473	47.49	33.00	5.48	-30.02	55.95	74.00	18.05	PK	Vertical
2	5460.000	44.13	33.00	5.48	-30.02	52.59	68.20	15.61	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	5457.479	36.18	33.00	5.48	-30.02	44.64	54	9.36	AV	Vertical
2	5460.000	38.89	33.00	5.48	-30.02	47.35	54	6.65	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AC20 5700 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

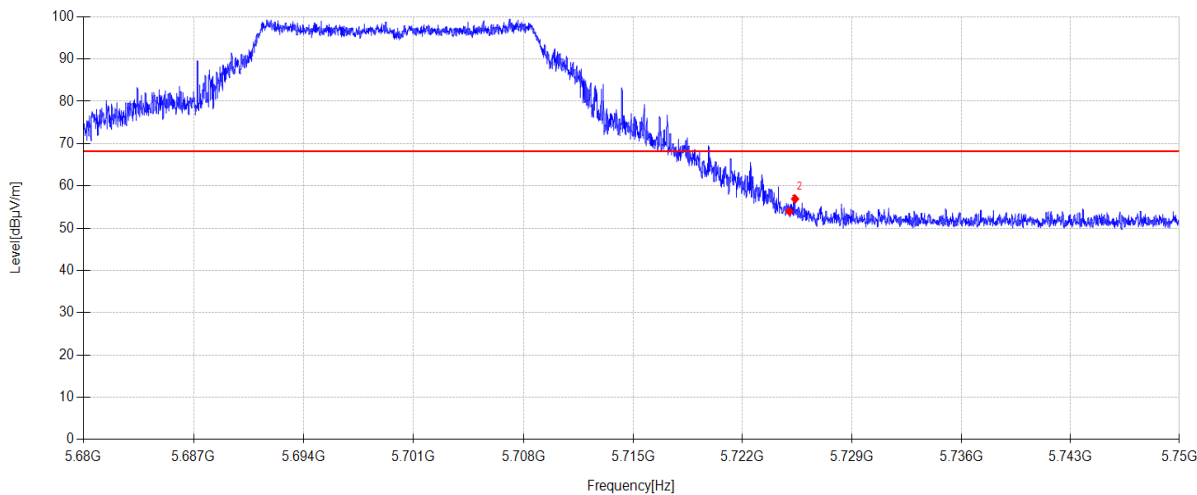
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5725.000	44.53	33.75	5.66	-29.99	53.95	68.20	14.25	PK	Horizontal
2	5725.360	47.49	33.75	5.66	-29.99	56.91	68.20	11.29	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AC20 5700 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

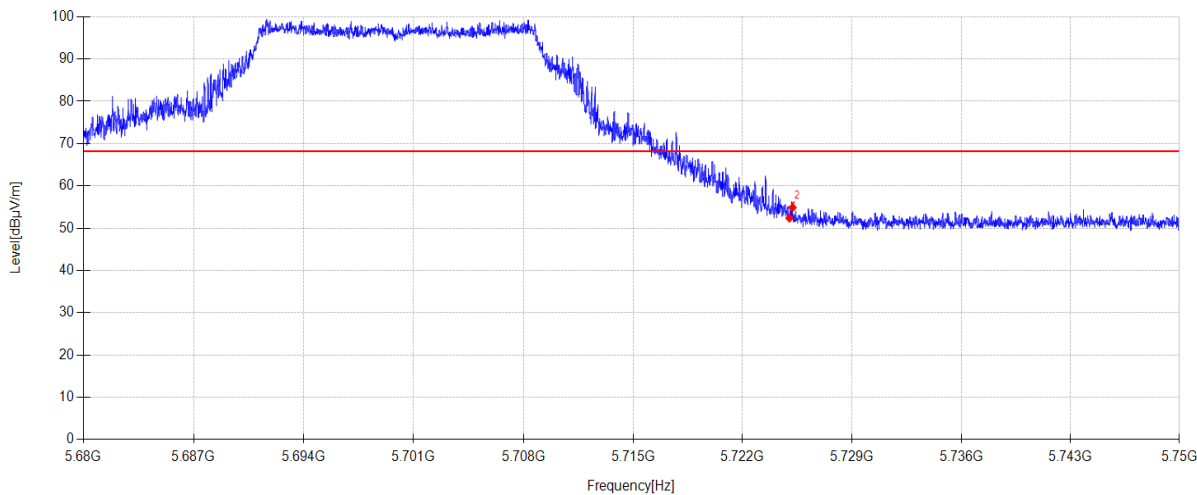
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5725.000	42.95	33.75	5.66	-29.99	52.37	68.20	15.83	PK	Vertical
2	5725.199	45.44	33.75	5.66	-29.99	54.86	68.20	13.34	PK	Vertical

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5180 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

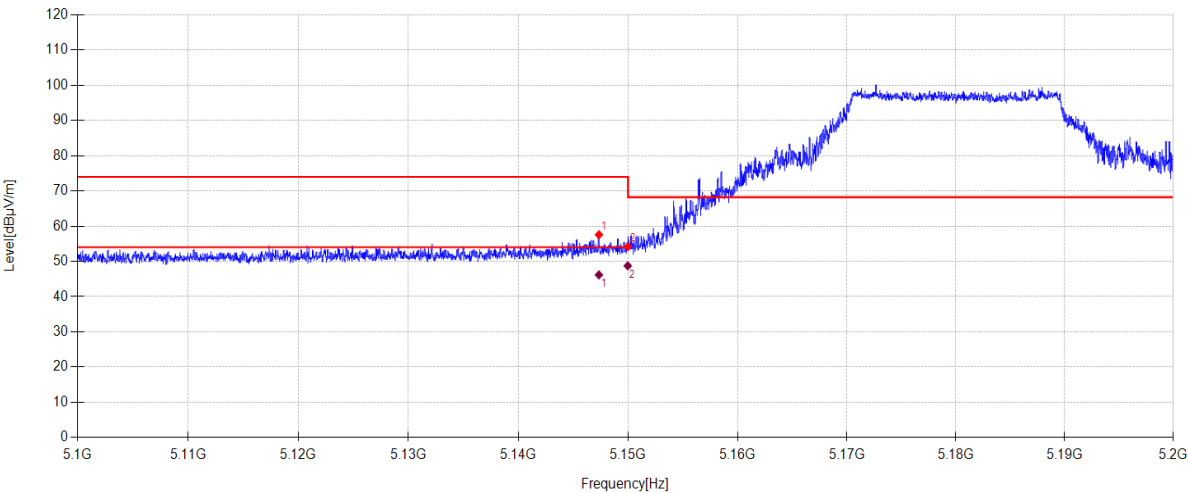
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5147.350	48.96	33.40	5.28	-30.06	57.58	74.00	16.42	PK	Horizontal
2	5150.000	45.55	33.40	5.28	-30.06	54.17	68.20	14.03	PK	Horizontal

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	5147.350	37.56	33.40	5.28	-30.06	46.18	54	7.82	AV	Horizontal
2	5149.979	40.12	33.40	5.28	-30.06	48.74	54	5.26	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5180 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

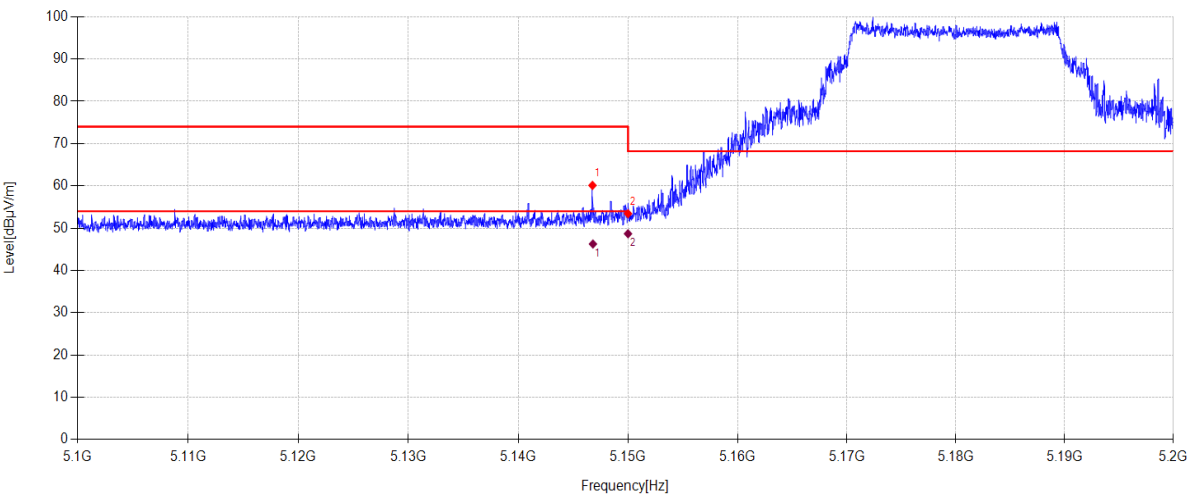
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5146.760	51.49	33.40	5.28	-30.06	60.11	74.00	13.89	PK	Vertical
2	5150.000	44.81	33.40	5.28	-30.06	53.43	68.20	14.77	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	5146.802	37.64	33.40	5.28	-30.06	46.26	54	7.74	AV	Vertical
2	5150.000	40.06	33.40	5.28	-30.06	48.68	54	5.32	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5320 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

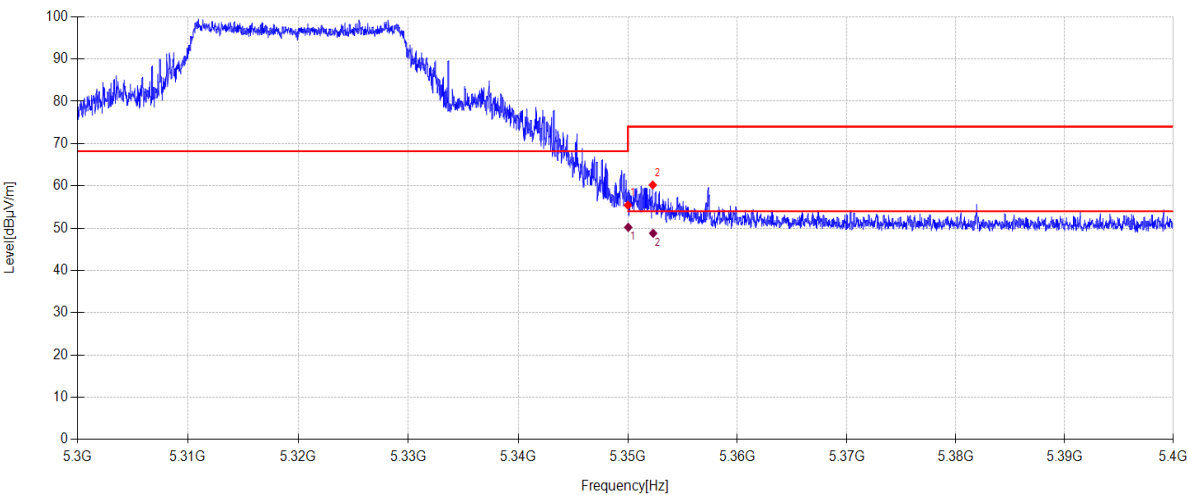
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	46.95	33.10	5.41	-30.03	55.43	68.20	12.77	PK	Horizontal
2	5352.270	51.72	33.10	5.41	-30.03	60.20	74.00	13.80	PK	Horizontal

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	5350.031	41.71	33.10	5.41	-30.03	50.19	54	3.81	AV	Horizontal
2	5352.304	40.30	33.10	5.41	-30.03	48.78	54	5.22	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5320 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

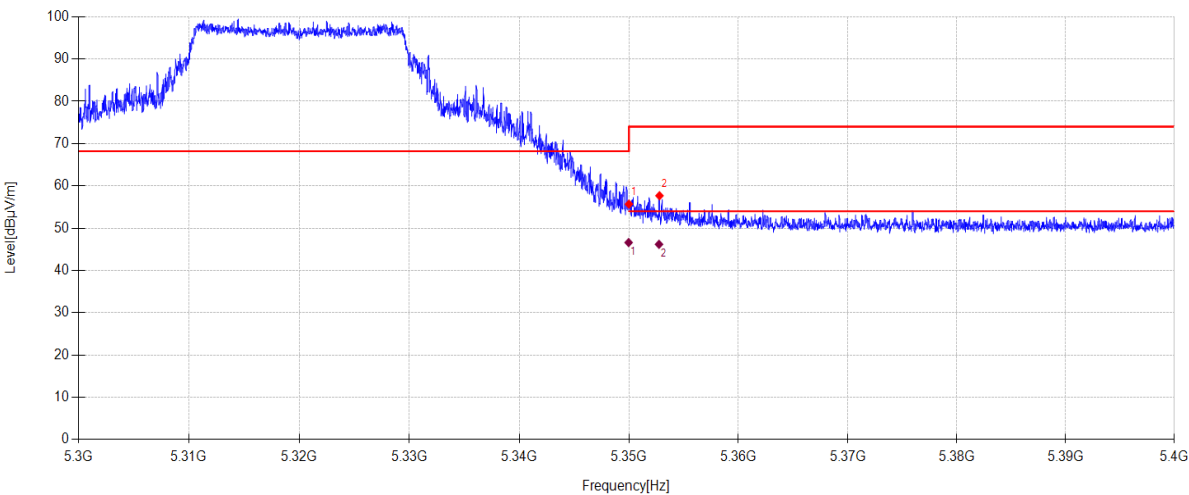
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	47.21	33.10	5.41	-30.03	55.69	68.20	12.51	PK	Vertical
2	5352.790	49.19	33.10	5.41	-30.03	57.67	74.00	16.33	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	5349.976	38.12	33.10	5.41	-30.03	46.60	54	7.40	AV	Vertical
2	5352.749	37.70	33.10	5.41	-30.03	46.18	54	7.82	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5500 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

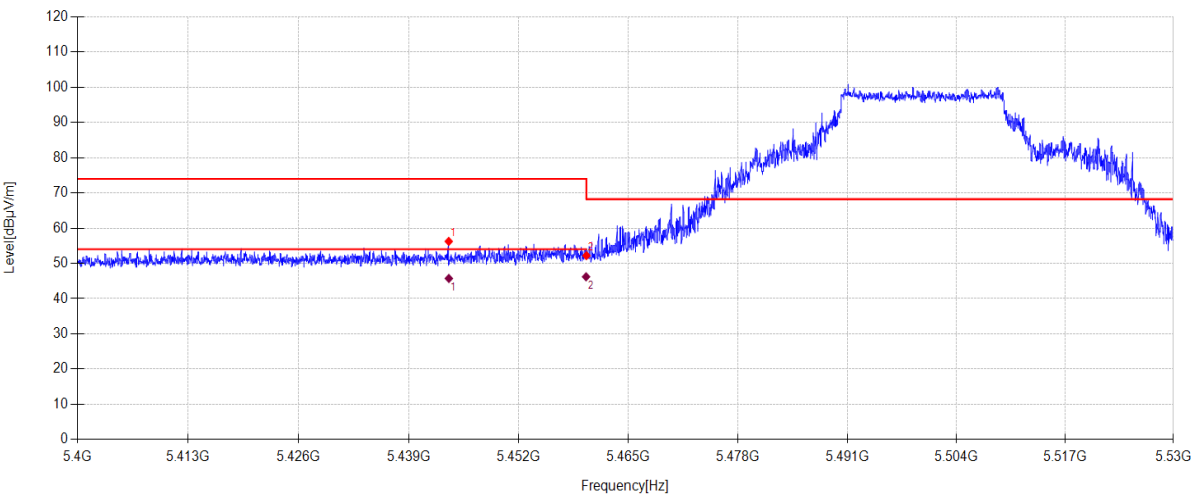
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5443.706	47.78	33.01	5.47	-30.02	56.24	74.00	17.76	PK	Horizontal
2	5460.000	43.75	33.00	5.48	-30.02	52.21	68.20	15.99	PK	Horizontal

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	5443.719	37.27	33.01	5.47	-30.02	45.73	54	8.27	AV	Horizontal
2	5459.957	37.75	33.00	5.48	-30.02	46.21	54	7.79	AV	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:

2024-08-13

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5500 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

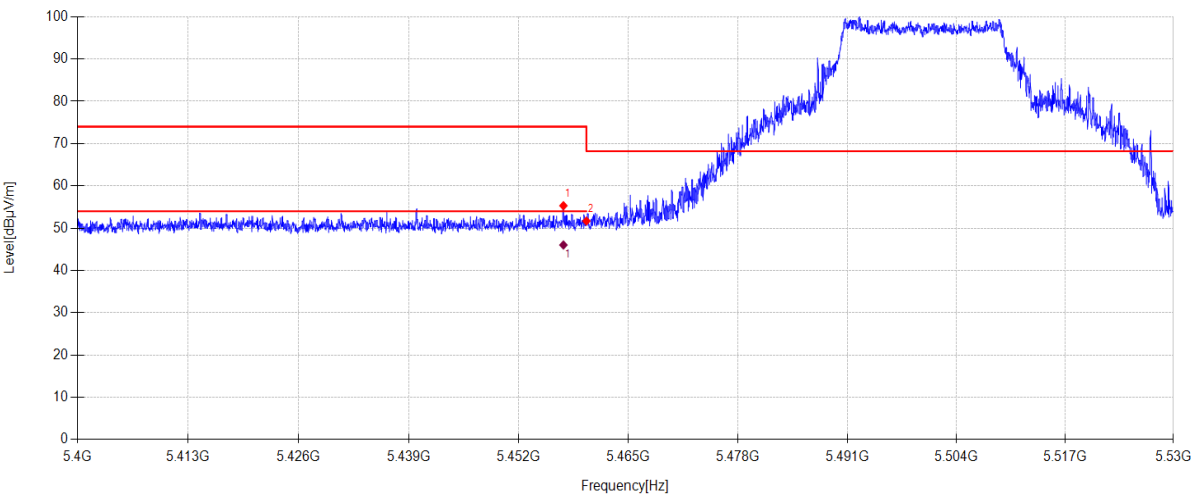
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Memo:

Dongle Sample Number:S24072915-001 Power Setting: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	5457.278	46.85	33.00	5.48	-30.02	55.31	74.00	18.69	PK	Vertical
2	5460.000	43.23	33.00	5.48	-30.02	51.69	68.20	16.51	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	5457.278	37.56	33.00	5.48	-30.02	46.02	54	7.98	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.