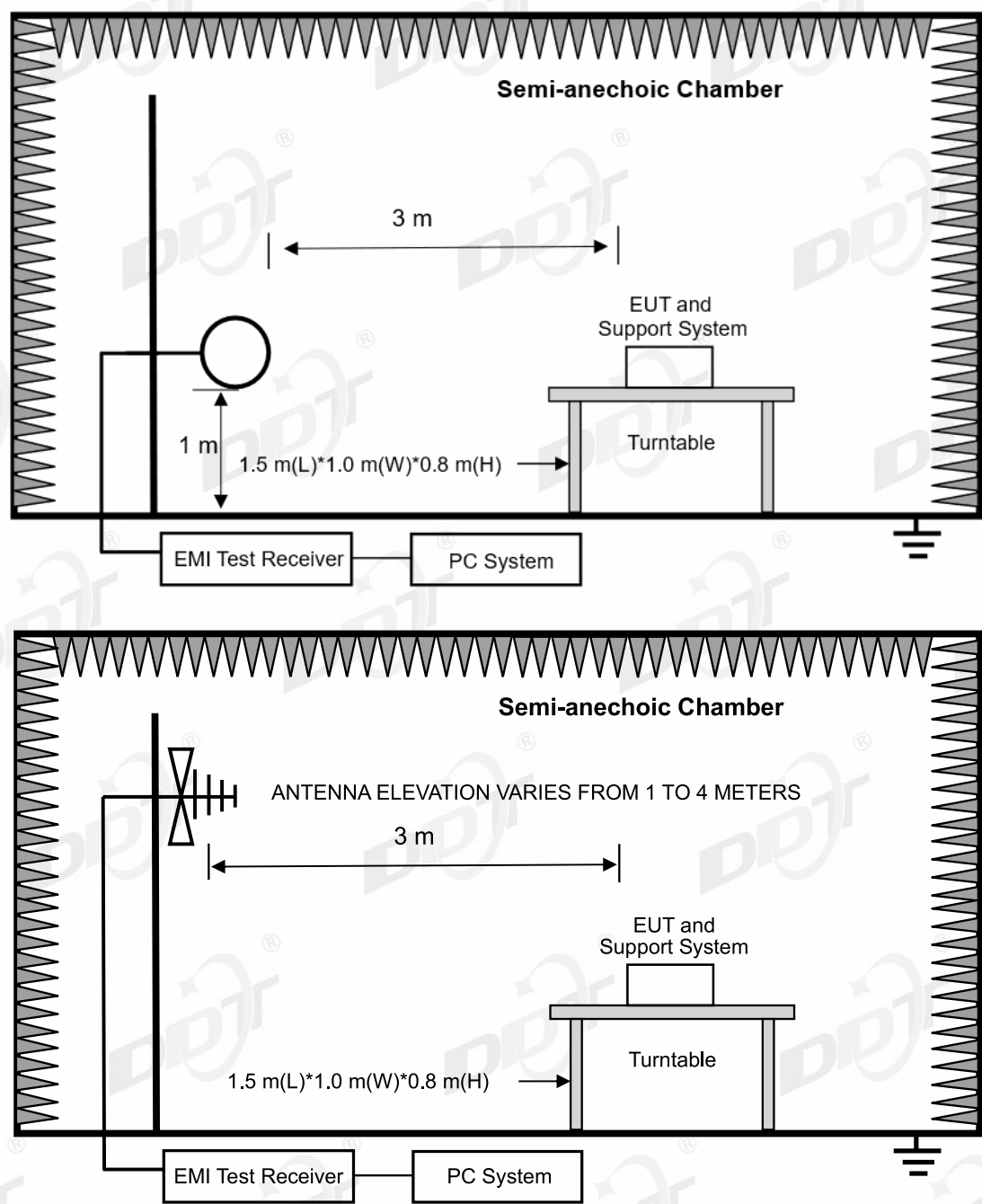


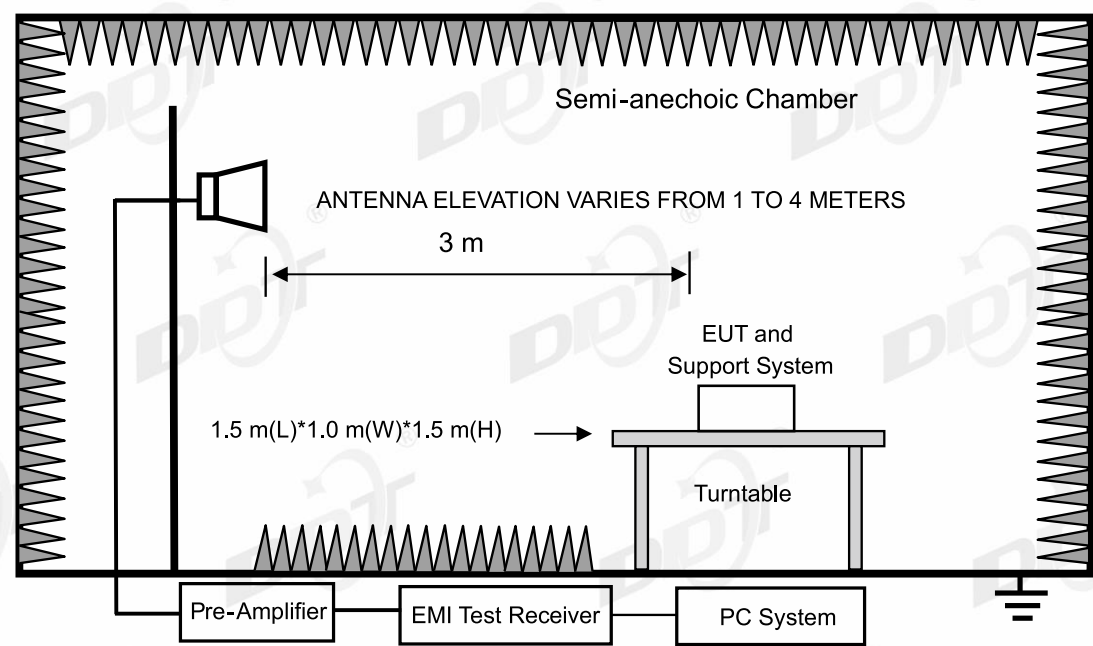
12.Radiated Emission

12.1. 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

12.2. Block diagram of test setup





12.3. Limits

(1) FCC 15.205 Restricted frequency band

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

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

²Above 38.6

RSS-Gen section 8.10 Restricted frequency bands*

MHz	MHz	MHz	GHz
0.090-0.110	12.51975-12.52025	240-285	3.5-4.4

0.495-0.505	12.57675-12.57725	322-335.4	4.5-5.15
2.1735-2.1905	13.36-13.41	399.9-410	5.35-5.46
3.020-3.026	16.42-16.423	608-614	7.25-7.75
4.125-4.128	16.69475-16.69525	960-1427	8.025-8.5
4.1772&4.17775	16.80425-16.80475	1435-1626.5	9.0-9.2
4.2072&4.20775	25.5-25.67	1645.5-1646.5	9.3-9.5
5.677-5.683	37.5-38.25	1660-1710	10.6-12.7
6.215-6.218	73-74.6	1718.8-1722.2	13.25-13.4
6.26775-6.26825	74.8-75.2	2200-2300	14.47-14.5
6.31175-6.31225	108-138	2310-2390	15.35-16.2
8.291-8.294	149.9-150.05	2483.5-2500	17.7-21.4
8.362-8.366	156.52475-156.52525	2655-2900	22.01-23.12
8.37625-8.38675	156.7-156.9	3260-3267	23.6-24.0
8.41425-8.41475	162.0125-167.17	3332-3339	31.2-31.8
12.29-12.293	167.72-173.2	3345.8-3358	36.43-36.5
			Above 38.6

* Certain frequency bands listed in table and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

(2) FCC 15.209 Limit & RSS-Gen section 8.9 Limit

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

Note:

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

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

$$\text{Limit}_{3\text{m}}(\text{dB}\mu\text{V}/\text{m}) = \text{Limit}_{30\text{m}}(\text{dB}\mu\text{V}/\text{m}) + 40\log(30\text{m}/3\text{m})$$

(3) Limit for this EUT

The emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, and the emissions appearing within RSS-Gen section 8.10 Restricted frequency bands shall not exceed the limits shown in RSS-Gen section 8.9, all the other emissions shall be at least 20 dB below the fundamental emissions or comply with 15.209 limits and RSS-Gen section 8.9 limits.

12.4. Assistant equipment used for test

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

12.5. Test procedure

- (1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber for below 1G and 150 cm above the ground plane inside a fully-anechoic chamber for above 1G.
- (2) Test antenna was located 3 m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used	Test antenna distance
9 kHz - 30 MHz	Active Loop antenna	3 m
30 MHz - 1 GHz	Trilog Broadband Antenna	3 m
1 GHz - 18 GHz	Double Ridged Horn Antenna(1 GHz-18 GHz)	3 m
18 GHz - 40 GHz	Horn Antenna(18 GHz-40 GHz)	1 m

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

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

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

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

- (c) Change modulation type of device if practicable.

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

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

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

- (4) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1 m and 4 m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the

maximum emission, the relative positions of equipment and all of the interface cables were changed according to ANSI C63.10:2013 on Radiated Emission test.

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

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

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

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

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

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

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

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

12.6. Test result

PASS. (See below detailed test result)

12.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

5GWIFI TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

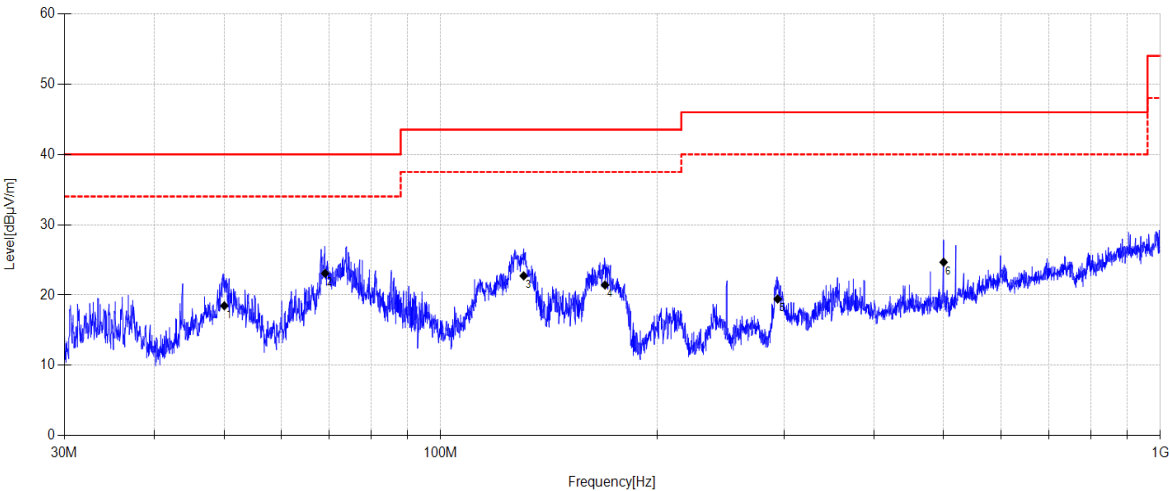
DDT 3# Chamber

File Path:

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Memo:

Dongle Sample Number:S24072915-001 (Adapter: KA120C-5402000Q)



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	50.051	32.35	12.95	3.88	-30.70	18.48	40.00	21.52	QP	Horizontal
2	69.103	39.22	10.43	4.01	-30.57	23.09	40.00	16.91	QP	Horizontal
3	130.432	40	9.16	4.38	-30.81	22.73	43.50	20.77	QP	Horizontal
4	169.184	38.41	9.12	4.59	-30.69	21.43	43.50	22.07	QP	Horizontal
5	293.980	31.77	12.80	5.19	-30.32	19.44	46.00	26.56	QP	Horizontal
6	499.844	31.49	17.08	6.00	-29.90	24.67	46.00	21.33	QP	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-11

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

5GWIFI TX

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

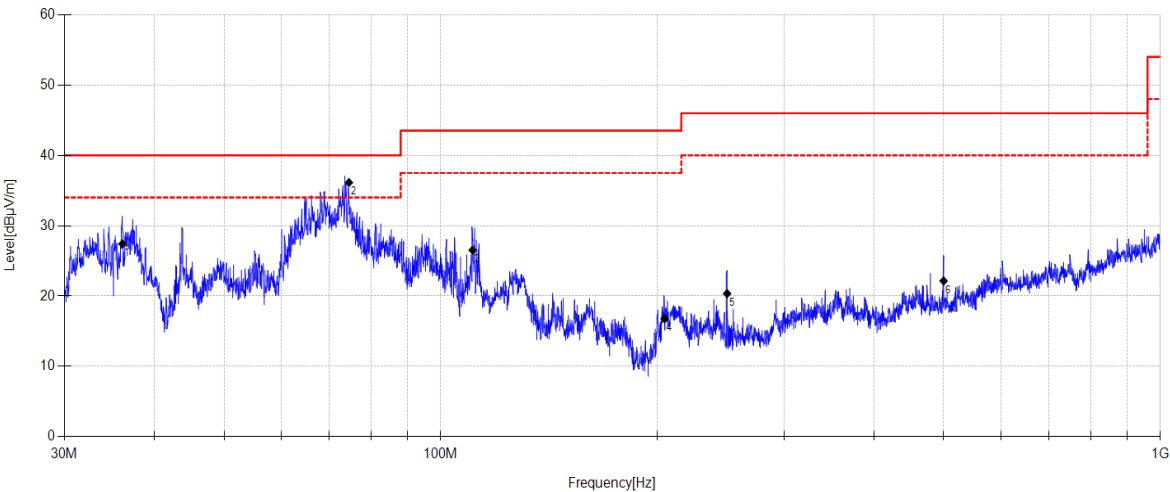
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Memo:

Dongle Sample Number:S24072915-001 (Adapter: KA120C-5402000Q)



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	36.126	42.65	11.87	3.80	-30.91	27.41	40.00	12.59	QP	Vertical
2	74.569	53.63	9.00	4.05	-30.54	36.14	40.00	3.86	QP	Vertical
3	110.773	41.17	11.95	4.28	-30.87	26.53	43.50	16.97	QP	Vertical
4	204.733	31.98	10.61	4.78	-30.59	16.78	43.50	26.72	QP	Vertical
5	250.020	34.11	11.70	4.99	-30.45	20.35	46.00	25.65	QP	Vertical
6	499.844	28.97	17.08	6.00	-29.90	22.15	46.00	23.85	QP	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-22

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

TX 5GWIFI

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.4°C;Humi:60.1%

Test Site:

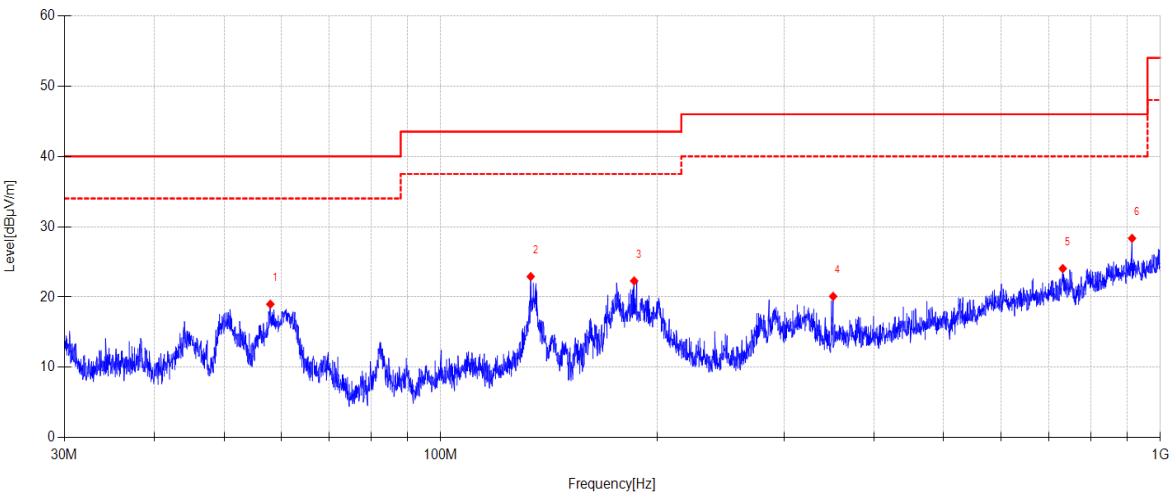
DDT 3# Chamber

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Memo:

Sample Number:S24072915-001 Power Setting:NA



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	57.992	33.36	12.79	3.94	-31.10	18.99	40.00	21.01	PK	Horizontal
2	133.39	41.02	8.62	4.40	-31.13	22.91	43.50	20.59	PK	Horizontal
3	185.72	38.91	9.90	4.68	-31.19	22.30	43.50	21.20	PK	Horizontal
4	351.04	31.40	14.71	5.42	-31.43	20.10	46.00	25.90	PK	Horizontal
5	731.96	28.69	19.94	6.77	-31.35	24.05	46.00	21.95	PK	Horizontal
6	913.51	30.42	21.19	7.24	-30.50	28.35	46.00	17.65	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-22

Tested By:

Gen Liu

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

TX 5GWIFI

Power Supply:

AC 120V/60Hz

Condition:

Temp:22.4°C;Humi:60.1%

Test Site:

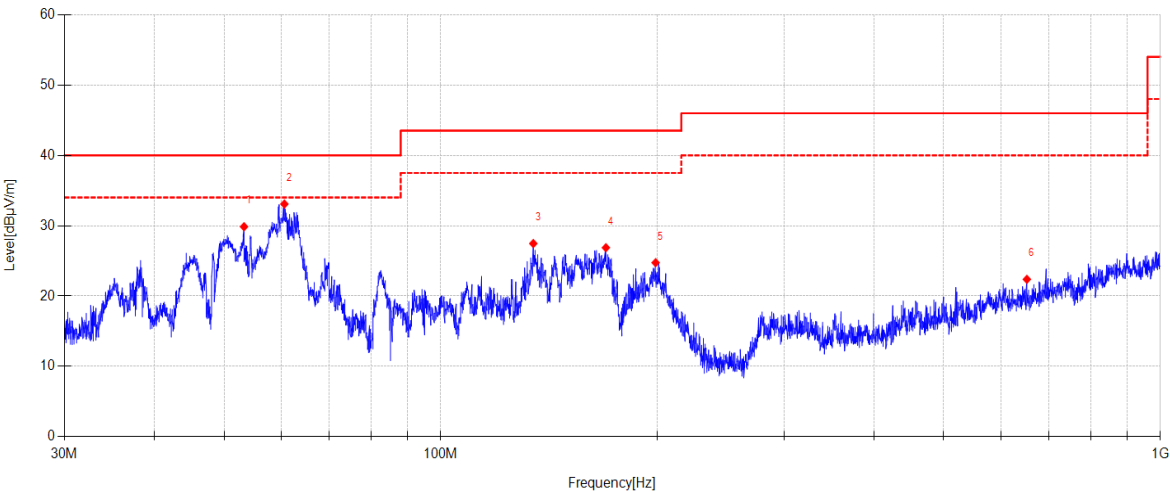
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Memo:

Sample Number:S24072915-001 Power Setting:NA



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	53.312	43.86	13.19	3.91	-31.10	29.86	40.00	10.14	PK	Vertical
2	60.653	47.68	12.54	3.96	-31.10	33.08	40.00	6.92	PK	Vertical
3	134.51	45.69	8.50	4.41	-31.13	27.47	43.50	16.03	PK	Vertical
4	169.65	44.28	9.17	4.60	-31.17	26.88	43.50	16.62	PK	Vertical
5	198.93	40.89	10.31	4.75	-31.20	24.75	43.50	18.75	PK	Vertical
6	652.45	28.38	18.96	6.54	-31.50	22.38	46.00	23.62	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

Tested By:

Guoyuan Lin

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

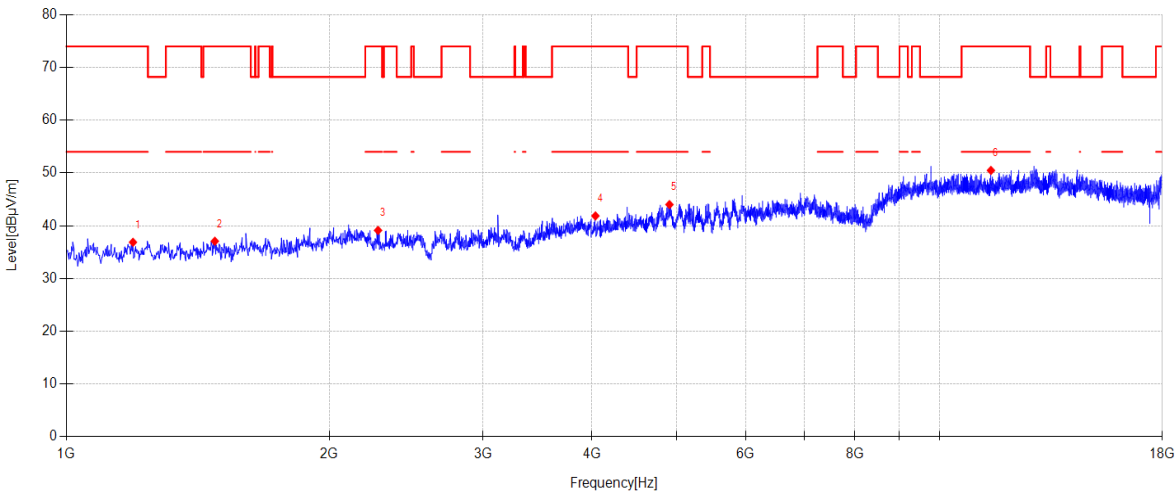
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Memo:

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	1192.100	46.32	24.88	2.57	-36.90	36.87	74.00	37.13	PK	Horizontal
2	1479.400	45.74	25.42	2.85	-36.94	37.07	74.00	36.93	PK	Horizontal
3	2275.000	46.36	27.05	3.50	-37.79	39.12	74.00	34.88	PK	Horizontal
4	4036.200	46.79	30.97	4.54	-40.44	41.86	74.00	32.14	PK	Horizontal
5	4906.600	45.99	33.01	5.12	-40.11	44.01	74.00	29.99	PK	Horizontal
6	11455.000	42.87	39.25	7.66	-39.30	50.48	74.00	23.52	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

Tested By:

Guoyuan Lin

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

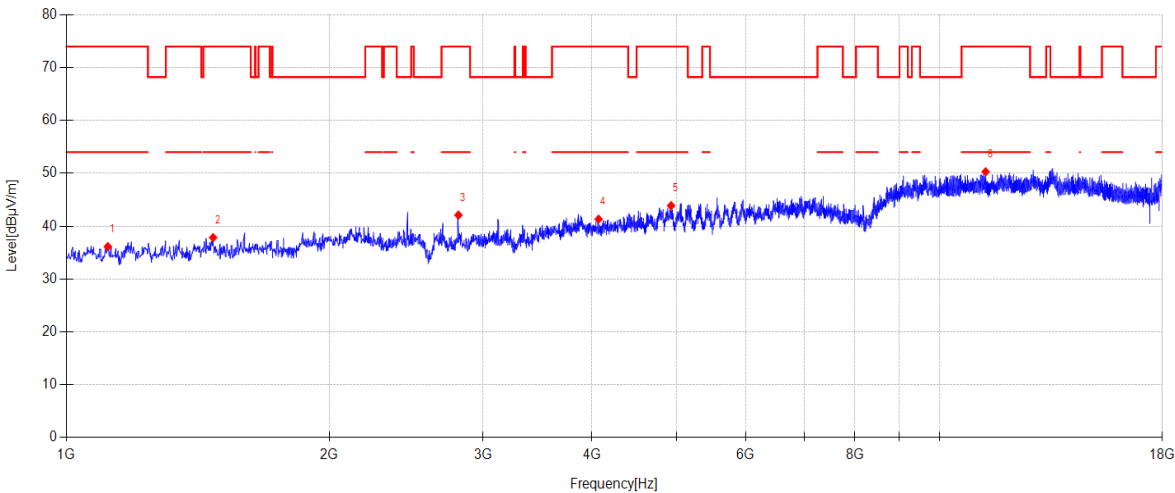
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Memo:

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	1115.600	45.96	24.59	2.49	-36.90	36.14	74.00	37.86	PK	Vertical
2	1472.600	46.55	25.39	2.84	-36.94	37.84	74.00	36.16	PK	Vertical
3	2812.200	50.10	27.50	3.80	-39.31	42.09	74.00	31.91	PK	Vertical
4	4070.200	46.14	31.04	4.57	-40.42	41.33	74.00	32.67	PK	Vertical
5	4927.000	45.81	33.05	5.13	-40.11	43.88	74.00	30.12	PK	Vertical
6	11293.500	42.76	39.20	7.56	-39.23	50.29	74.00	23.71	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5200 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

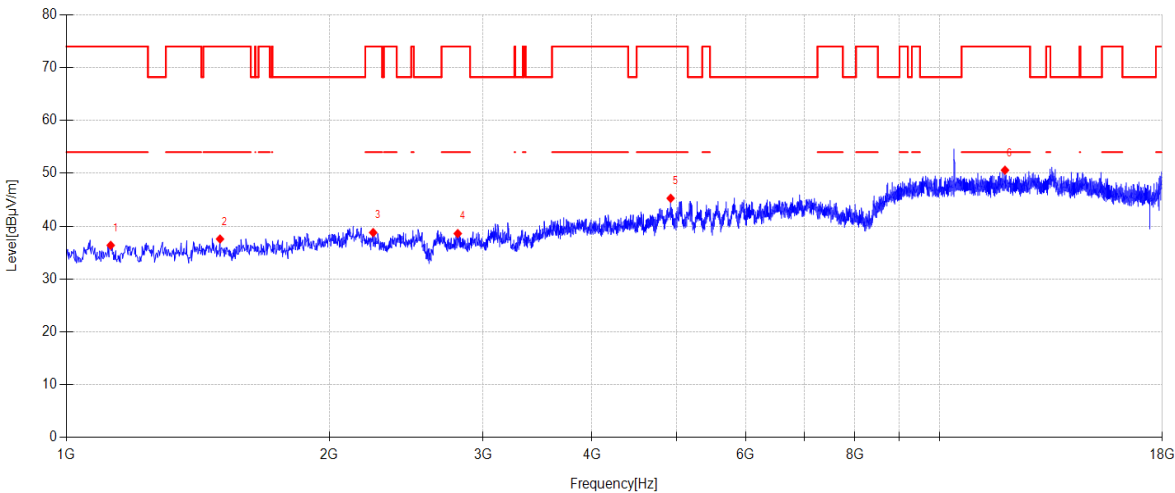
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Memo:

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	1124.100	46.13	24.64	2.50	-36.90	36.37	74.00	37.63	PK	Horizontal
2	1499.800	46.15	25.50	2.86	-36.94	37.57	74.00	36.43	PK	Horizontal
3	2246.100	45.67	27.34	3.49	-37.71	38.79	74.00	35.21	PK	Horizontal
4	2807.100	46.63	27.46	3.80	-39.29	38.60	74.00	35.40	PK	Horizontal
5	4921.900	47.21	33.04	5.13	-40.11	45.27	74.00	28.73	PK	Horizontal
6	11886.800	43.28	38.90	7.92	-39.51	50.59	74.00	23.41	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:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5200 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

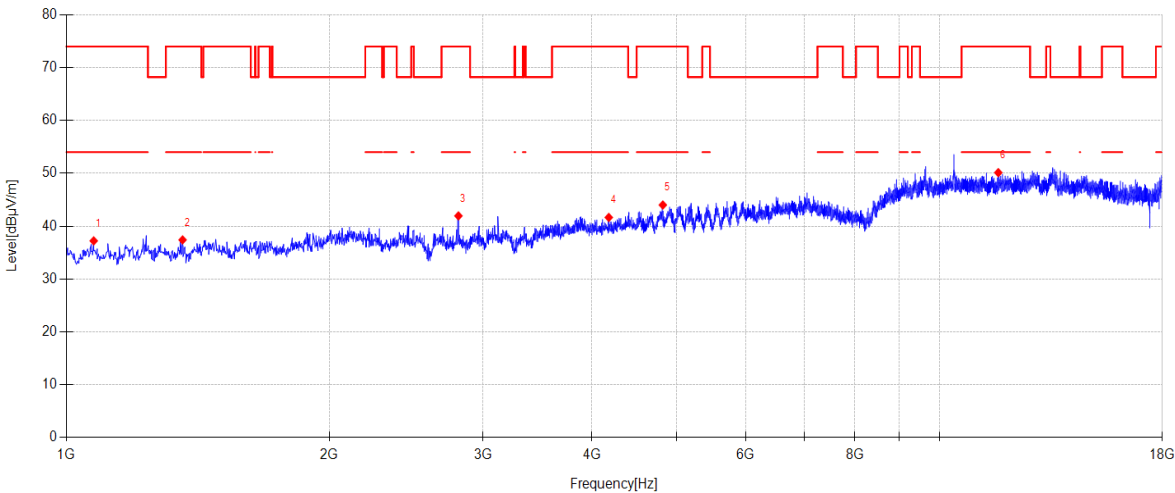
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d:\ts\2024 report data\Q24072915\FCC RE Above 1G 5G ZASAN\4

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	1074.800	47.21	24.45	2.45	-36.89	37.22	74.00	36.78	PK	Vertical
2	1358.700	46.75	24.85	2.73	-36.93	37.40	74.00	36.60	PK	Vertical
3	2812.200	49.96	27.50	3.80	-39.31	41.95	74.00	32.05	PK	Vertical
4	4180.700	46.19	31.20	4.64	-40.38	41.65	74.00	32.35	PK	Vertical
5	4821.600	46.04	33.06	5.06	-40.15	44.01	74.00	29.99	PK	Vertical
6	11679.400	42.75	39.00	7.79	-39.41	50.13	74.00	23.87	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:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5240 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

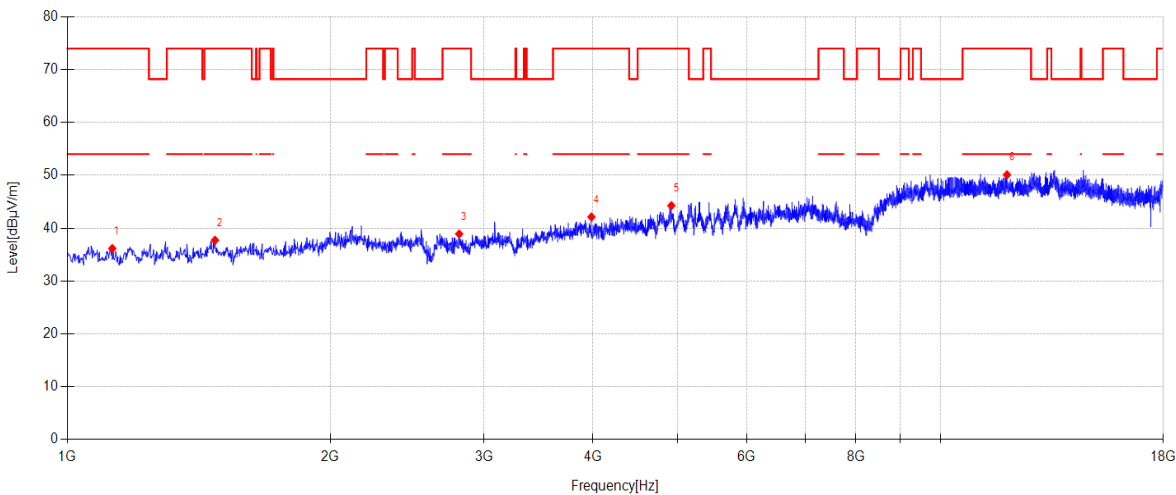
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Memo:

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	1125.800	45.90	24.65	2.50	-36.90	36.15	74.00	37.85	PK	Horizontal
2	1476.000	46.42	25.40	2.84	-36.94	37.72	74.00	36.28	PK	Horizontal
3	2810.500	46.93	27.48	3.80	-39.30	38.91	74.00	35.09	PK	Horizontal
4	3983.500	47.09	30.97	4.51	-40.44	42.13	74.00	31.87	PK	Horizontal
5	4918.500	46.20	33.04	5.13	-40.11	44.26	74.00	29.74	PK	Horizontal
6	11917.400	42.73	38.95	7.94	-39.52	50.10	74.00	23.90	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:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5240 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

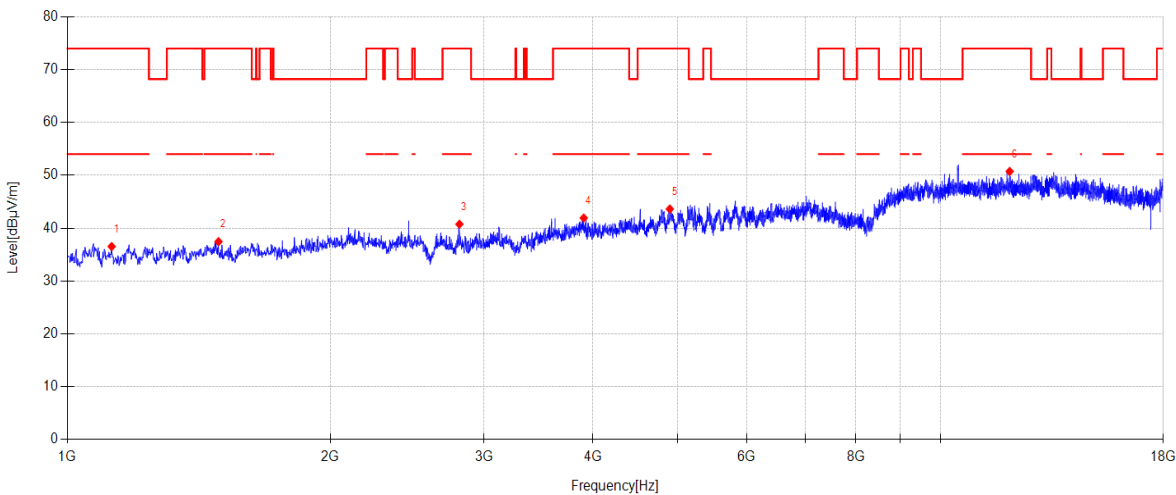
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Memo:

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	1124.100	46.29	24.64	2.50	-36.90	36.53	74.00	37.47	PK	Vertical
2	1489.600	46.08	25.46	2.85	-36.94	37.45	74.00	36.55	PK	Vertical
3	2812.200	48.76	27.50	3.80	-39.31	40.75	74.00	33.25	PK	Vertical
4	3903.600	46.67	31.19	4.46	-40.39	41.93	74.00	32.07	PK	Vertical
5	4898.100	45.61	33.03	5.11	-40.12	43.63	74.00	30.37	PK	Vertical
6	12004.100	43.11	39.20	7.99	-39.56	50.74	74.00	23.26	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:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5260 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

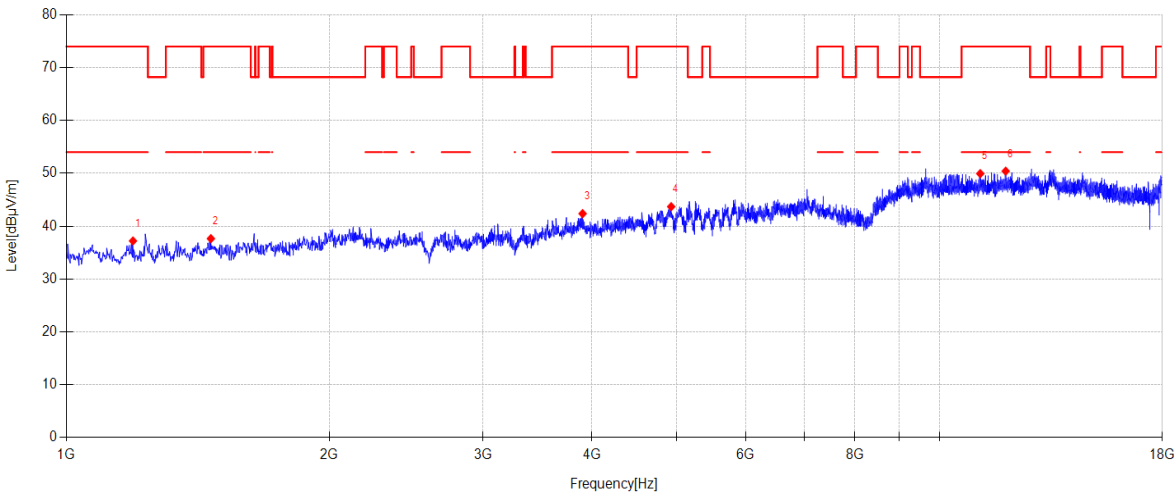
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Memo:

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	1192.100	46.66	24.88	2.57	-36.90	37.21	74.00	36.79	PK	Horizontal
2	1464.100	46.39	25.36	2.83	-36.94	37.64	74.00	36.36	PK	Horizontal
3	3901.900	47.10	31.20	4.46	-40.39	42.37	74.00	31.63	PK	Horizontal
4	4928.700	45.61	33.06	5.13	-40.11	43.69	74.00	30.31	PK	Horizontal
5	11137.100	42.37	39.26	7.46	-39.15	49.94	74.00	24.06	PK	Horizontal
6	11908.900	43.07	38.93	7.93	-39.52	50.41	74.00	23.59	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:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5260 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

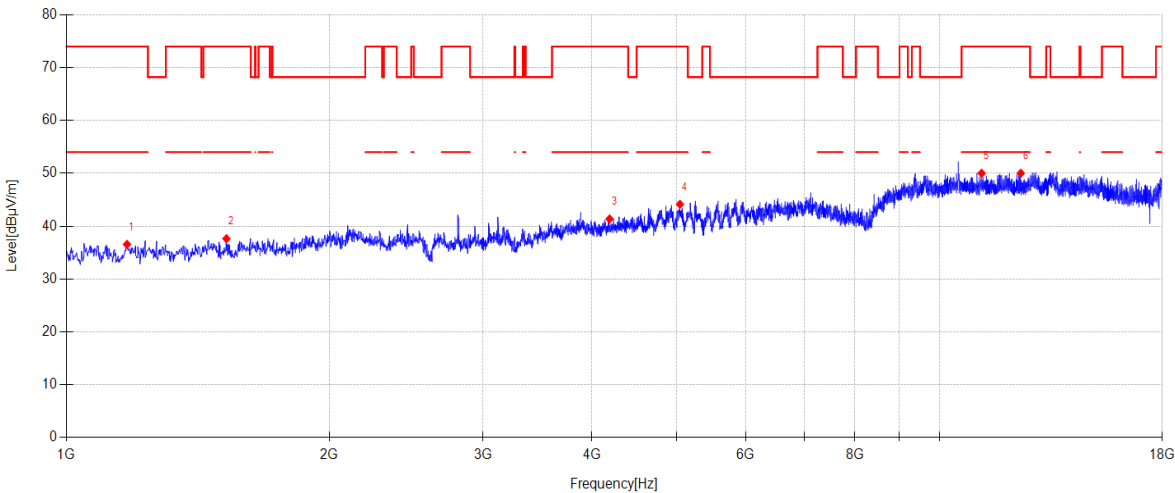
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Memo:

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	1173.400	46.07	24.85	2.55	-36.90	36.57	74.00	37.43	PK	Vertical
2	1525.300	46.54	25.15	2.89	-36.95	37.63	74.00	36.37	PK	Vertical
3	4189.200	45.91	31.20	4.64	-40.38	41.37	74.00	32.63	PK	Vertical
4	5044.300	45.71	33.29	5.21	-40.07	44.14	74.00	29.86	PK	Vertical
5	11176.200	42.47	39.22	7.49	-39.17	50.01	74.00	23.99	PK	Vertical
6	12391.700	42.28	39.30	8.15	-39.71	50.02	74.00	23.98	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:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5280 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

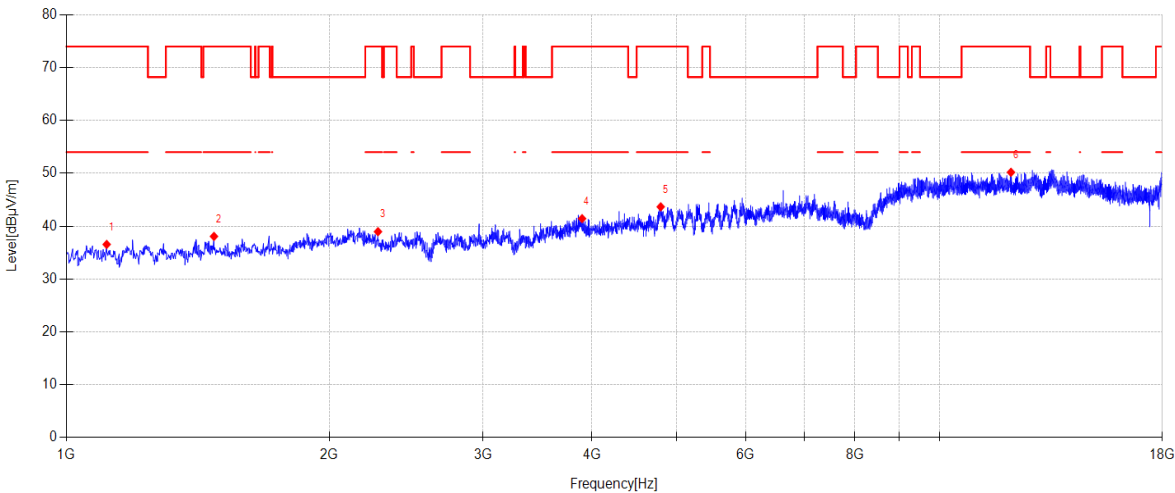
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Memo:

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	1112.200	46.38	24.57	2.49	-36.89	36.55	74.00	37.45	PK	Horizontal
2	1476.000	46.76	25.40	2.84	-36.94	38.06	74.00	35.94	PK	Horizontal
3	2275.000	46.20	27.05	3.50	-37.79	38.96	74.00	35.04	PK	Horizontal
4	3896.800	46.18	31.18	4.46	-40.39	41.43	74.00	32.57	PK	Horizontal
5	4794.400	46.30	32.48	5.04	-40.16	43.66	74.00	30.34	PK	Horizontal
6	12075.500	42.48	39.28	8.02	-39.59	50.19	74.00	23.81	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:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5280 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

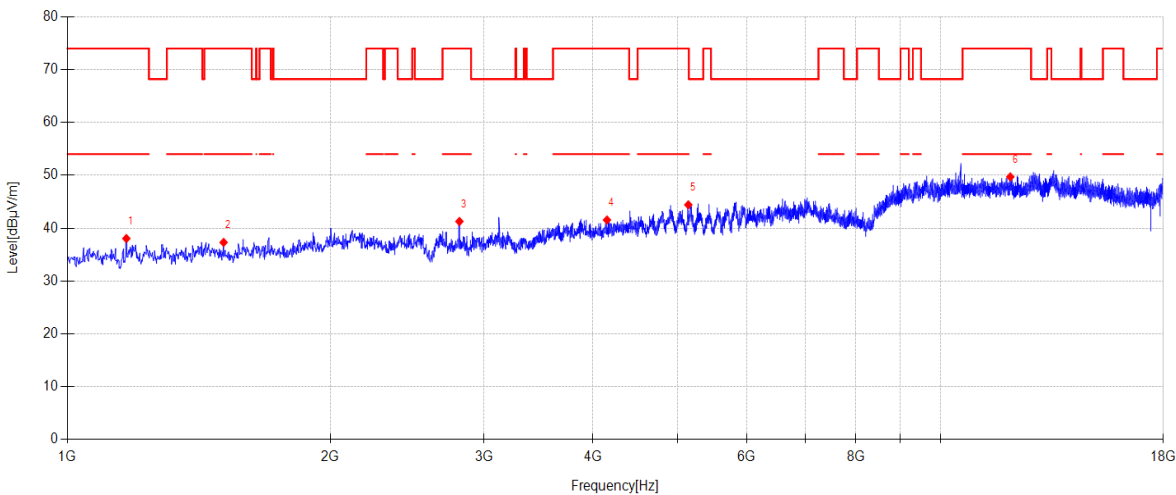
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Memo:

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	1168.300	47.56	24.84	2.54	-36.90	38.04	74.00	35.96	PK	Vertical
2	1510.000	46.03	25.36	2.87	-36.95	37.31	74.00	36.69	PK	Vertical
3	2812.200	49.28	27.50	3.80	-39.31	41.27	74.00	32.73	PK	Vertical
4	4150.100	46.12	31.20	4.62	-40.39	41.55	74.00	32.45	PK	Vertical
5	5142.900	45.81	33.40	5.27	-40.06	44.42	74.00	29.58	PK	Vertical
6	12022.800	42.06	39.22	8.00	-39.57	49.71	74.00	24.29	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:

2024-08-14

Tested By:

Guoyuan Lin

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

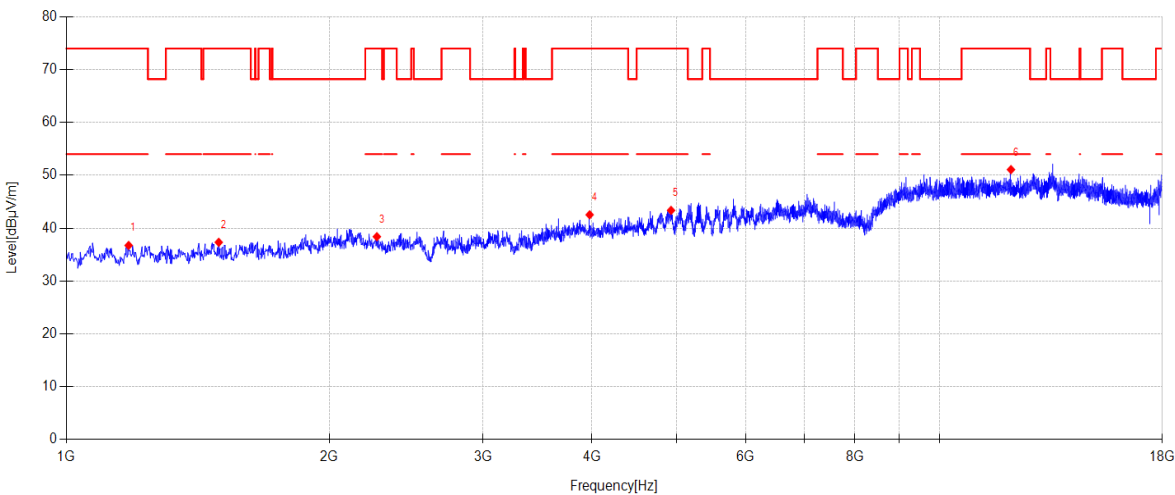
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Memo:

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	1178.500	46.23	24.86	2.55	-36.90	36.74	74.00	37.26	PK	Horizontal
2	1494.700	45.93	25.48	2.86	-36.94	37.33	74.00	36.67	PK	Horizontal
3	2268.200	45.54	27.12	3.50	-37.77	38.39	74.00	35.61	PK	Horizontal
4	3975.000	47.46	31.00	4.50	-40.43	42.53	74.00	31.47	PK	Horizontal
5	4927.000	45.30	33.05	5.13	-40.11	43.37	74.00	30.63	PK	Horizontal
6	12075.500	43.37	39.28	8.02	-39.59	51.08	74.00	22.92	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:

2024-08-14

Tested By:

Guoyuan Lin

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

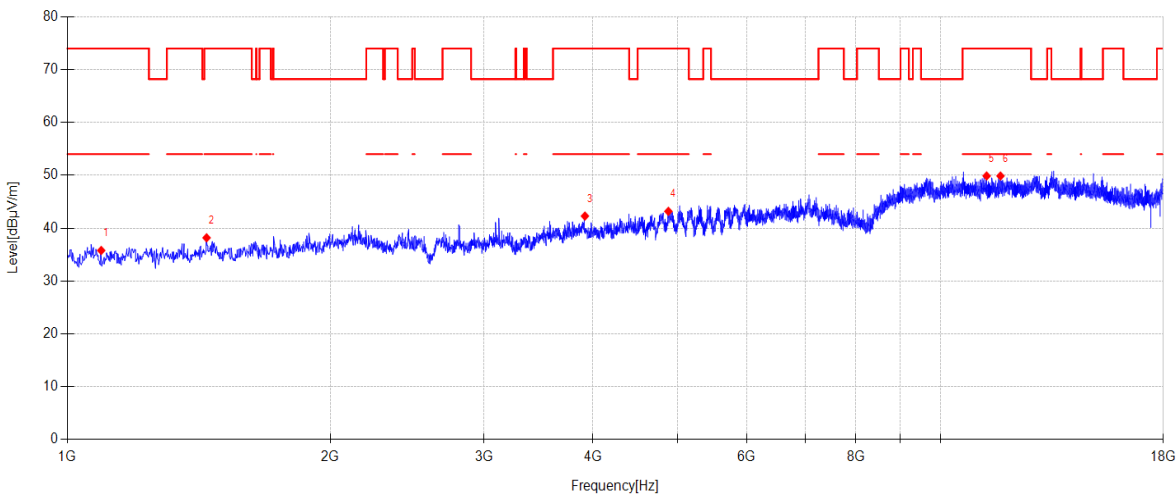
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Memo:

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	1093.500	45.71	24.49	2.47	-36.89	35.78	74.00	38.22	PK	Vertical
2	1443.700	47.04	25.27	2.81	-36.94	38.18	74.00	35.82	PK	Vertical
3	3915.500	47.05	31.17	4.47	-40.40	42.29	74.00	31.71	PK	Vertical
4	4879.400	44.87	33.33	5.10	-40.12	43.18	74.00	30.82	PK	Vertical
5	11295.200	42.35	39.20	7.56	-39.23	49.88	74.00	24.12	PK	Vertical
6	11715.100	42.51	38.98	7.82	-39.43	49.88	74.00	24.12	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:

2024-08-14

Tested By:

Guoyuan Lin

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

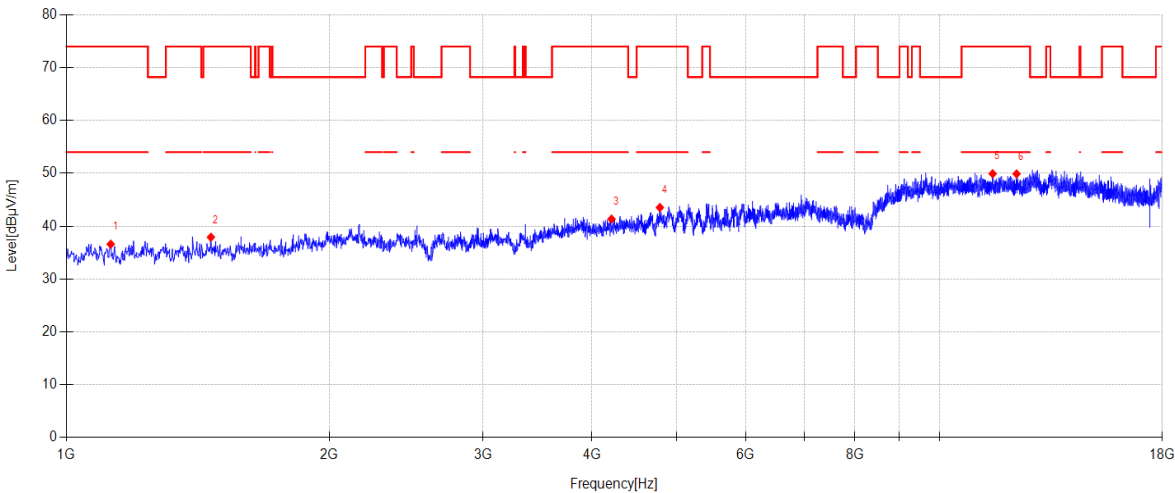
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Memo:

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	1124.100	46.35	24.64	2.50	-36.90	36.59	74.00	37.41	PK	Horizontal
2	1464.100	46.66	25.36	2.83	-36.94	37.91	74.00	36.09	PK	Horizontal
3	4211.300	45.80	31.25	4.66	-40.37	41.34	74.00	32.66	PK	Horizontal
4	4784.200	46.21	32.44	5.04	-40.16	43.53	74.00	30.47	PK	Horizontal
5	11506.000	42.37	39.19	7.69	-39.33	49.92	74.00	24.08	PK	Horizontal
6	12255.700	42.17	39.30	8.09	-39.66	49.90	74.00	24.10	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:

2024-08-14

Tested By:

Guoyuan Lin

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

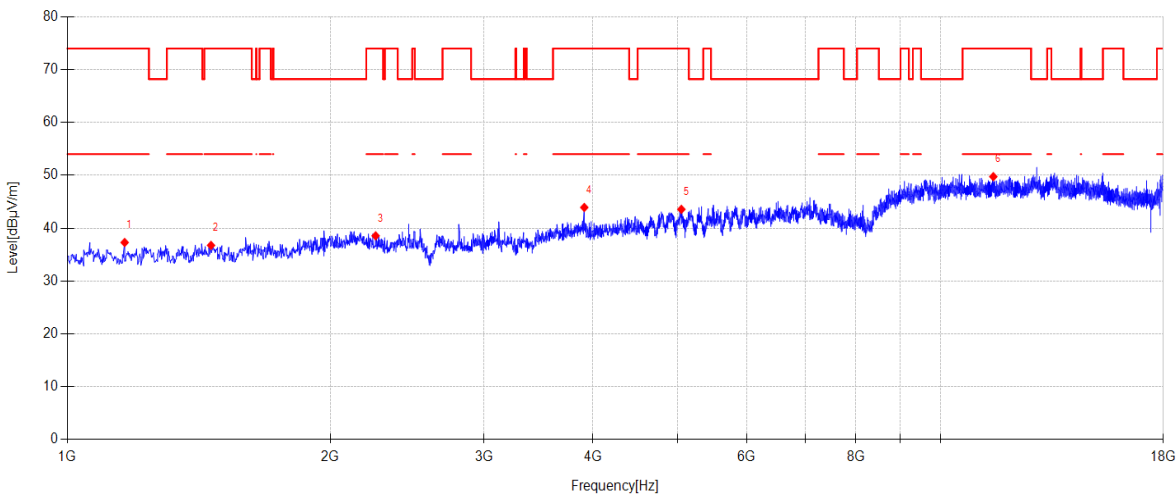
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Memo:

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	1163.200	46.82	24.83	2.54	-36.90	37.29	74.00	36.71	PK	Vertical
2	1460.700	45.52	25.34	2.83	-36.94	36.75	74.00	37.25	PK	Vertical
3	2254.600	45.54	27.25	3.49	-37.73	38.55	74.00	35.45	PK	Vertical
4	3908.700	48.67	31.18	4.46	-40.39	43.92	74.00	30.08	PK	Vertical
5	5049.400	45.12	33.30	5.21	-40.07	43.56	74.00	30.44	PK	Vertical
6	11495.800	42.19	39.20	7.68	-39.32	49.75	74.00	24.25	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:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5580 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

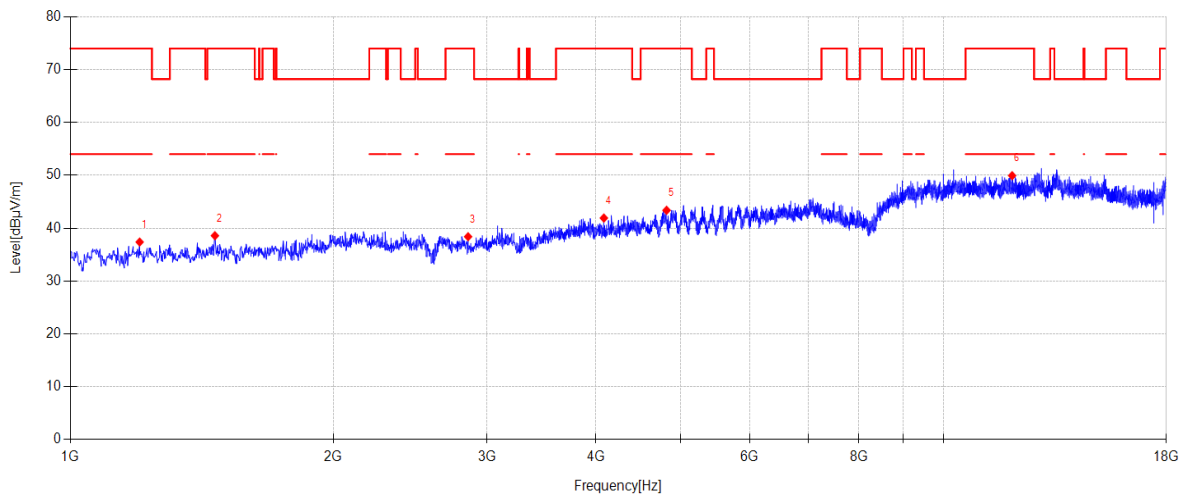
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Memo:

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	1200.600	46.81	24.90	2.57	-36.91	37.37	74.00	36.63	PK	Horizontal
2	1464.100	47.32	25.36	2.83	-36.94	38.57	74.00	35.43	PK	Horizontal
3	2854.700	46.15	27.84	3.83	-39.43	38.39	74.00	35.61	PK	Horizontal
4	4083.800	46.69	31.07	4.58	-40.42	41.92	74.00	32.08	PK	Horizontal
5	4818.200	45.50	32.97	5.06	-40.15	43.38	74.00	30.62	PK	Horizontal
6	11985.400	42.35	39.16	7.98	-39.55	49.94	74.00	24.06	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:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5580 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

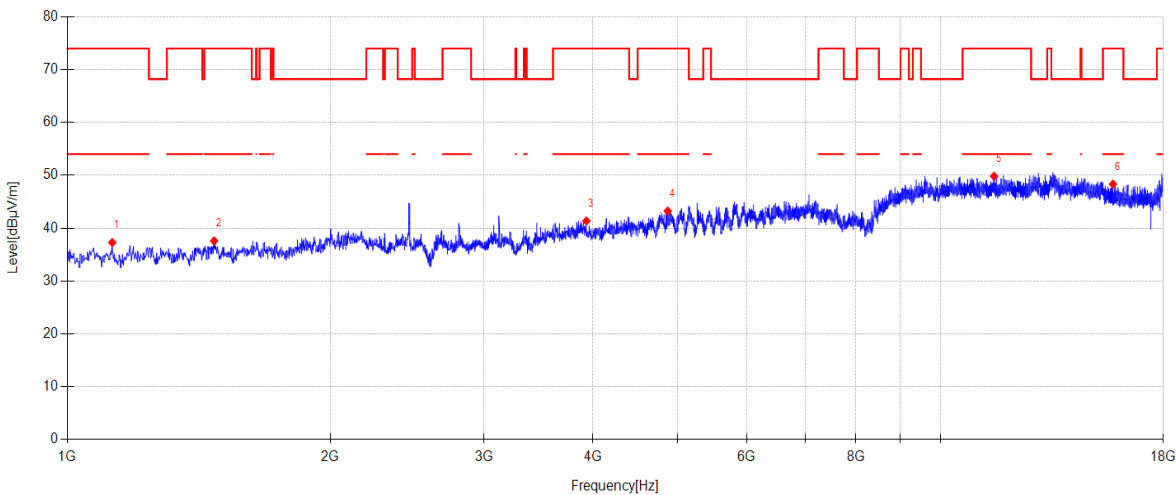
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d:\ts\2024 report data\Q24072915\FCC RE Above 1G 5G ZASAN\16

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	1125.800	47.03	24.65	2.50	-36.90	37.28	74.00	36.72	PK	Vertical
2	1472.600	46.30	25.39	2.84	-36.94	37.59	74.00	36.41	PK	Vertical
3	3930.800	46.16	31.14	4.48	-40.41	41.37	74.00	32.63	PK	Vertical
4	4870.900	44.80	33.47	5.09	-40.13	43.23	74.00	30.77	PK	Vertical
5	11517.900	42.29	39.16	7.70	-39.33	49.82	74.00	24.18	PK	Vertical
6	15759.400	40.34	38.38	8.84	-39.22	48.34	74.00	25.66	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:2024-08-14

Tested By:Guoyuan Lin

EUT:M6s PoE++ Mesh Wi-Fi Router

Model Number:MEAA0

Test Mode:11AX20 5700 MHz TX Mode

Power Supply:AC 120V/60Hz

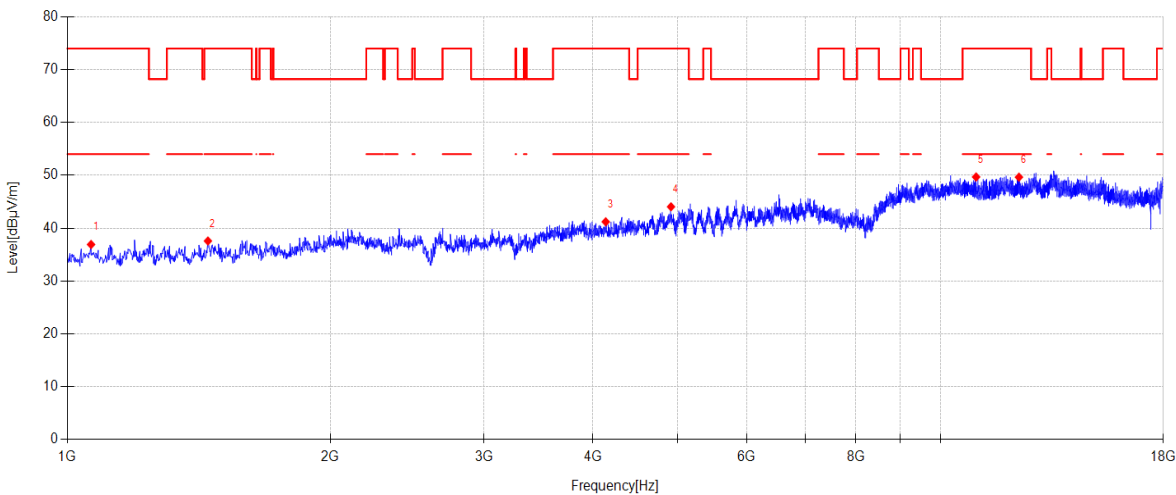
Condition:Temp:23.4°C;Humi:65.1%

Test Site:DDT 3# Chamber

File Path:d:\ts\2024 report data\Q24072915\FCC RE Above 1G 5G ZASAN\17

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	1064.600	46.93	24.43	2.44	-36.89	36.91	74.00	37.09	PK	Horizontal
2	1448.800	46.40	25.30	2.82	-36.94	37.58	74.00	36.42	PK	Horizontal
3	4136.500	45.82	31.17	4.61	-40.40	41.20	74.00	32.80	PK	Horizontal
4	4913.400	46.01	33.03	5.12	-40.11	44.05	74.00	29.95	PK	Horizontal
5	10985.800	42.09	39.30	7.38	-39.08	49.69	74.00	24.31	PK	Horizontal
6	12299.900	41.92	39.30	8.11	-39.68	49.65	74.00	24.35	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5700 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

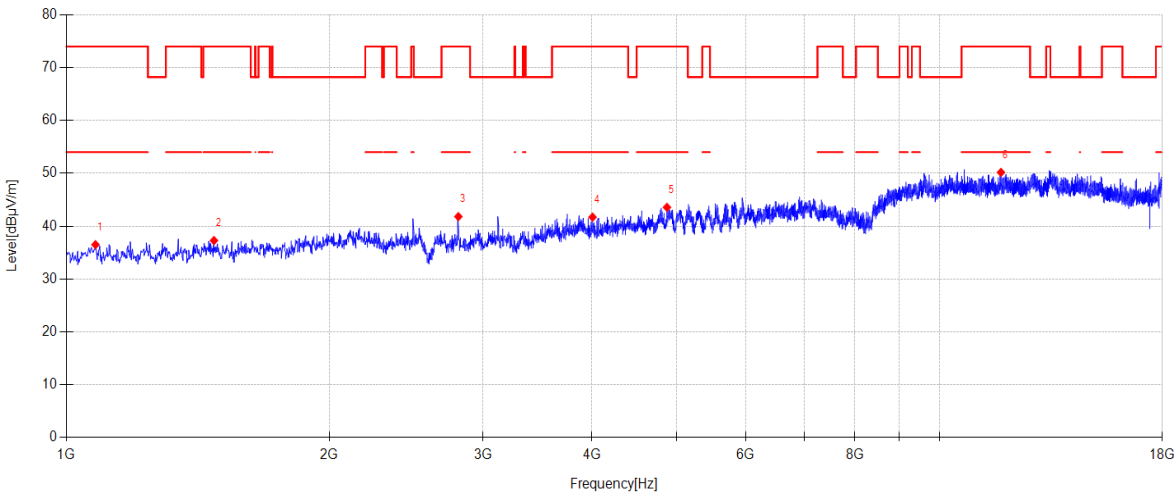
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Memo:

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	1079.900	46.47	24.46	2.46	-36.89	36.50	74.00	37.50	PK	Vertical
2	1476.000	45.98	25.40	2.84	-36.94	37.28	74.00	36.72	PK	Vertical
3	2812.200	49.82	27.50	3.80	-39.31	41.81	74.00	32.19	PK	Vertical
4	4005.600	46.72	30.91	4.52	-40.45	41.70	74.00	32.30	PK	Vertical
5	4874.300	45.18	33.41	5.10	-40.13	43.56	74.00	30.44	PK	Vertical
6	11761.000	42.84	38.94	7.84	-39.45	50.17	74.00	23.83	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5720 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

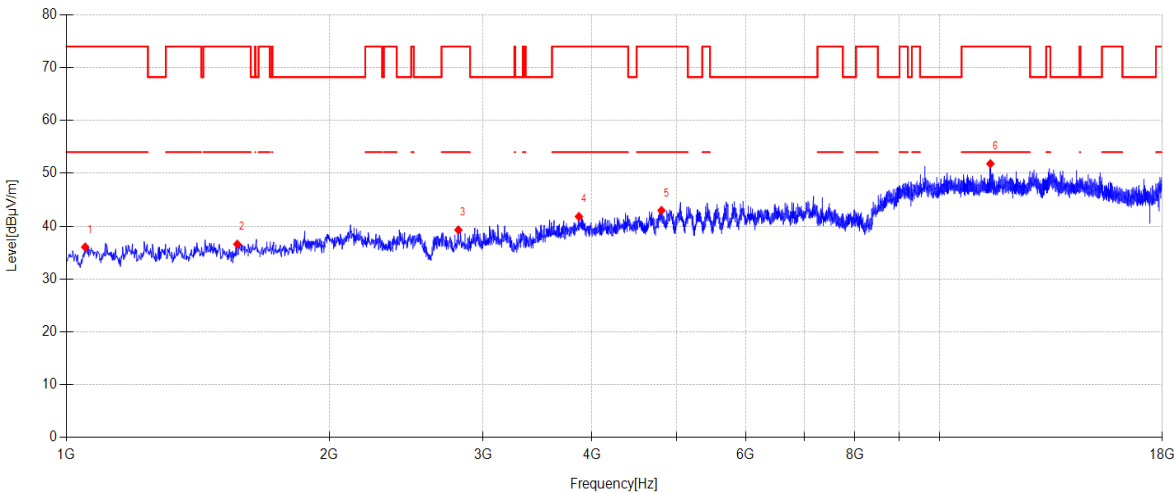
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Memo:

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	1051.000	46.10	24.40	2.43	-36.89	36.04	74.00	37.96	PK	Horizontal
2	1569.500	45.50	25.11	2.93	-36.95	36.59	74.00	37.41	PK	Horizontal
3	2812.200	47.29	27.50	3.80	-39.31	39.28	74.00	34.72	PK	Horizontal
4	3864.500	46.76	30.99	4.44	-40.37	41.82	74.00	32.18	PK	Horizontal
5	4804.600	45.46	32.62	5.05	-40.15	42.98	74.00	31.02	PK	Horizontal
6	11438.000	44.20	39.26	7.65	-39.30	51.81	74.00	22.19	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5720 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

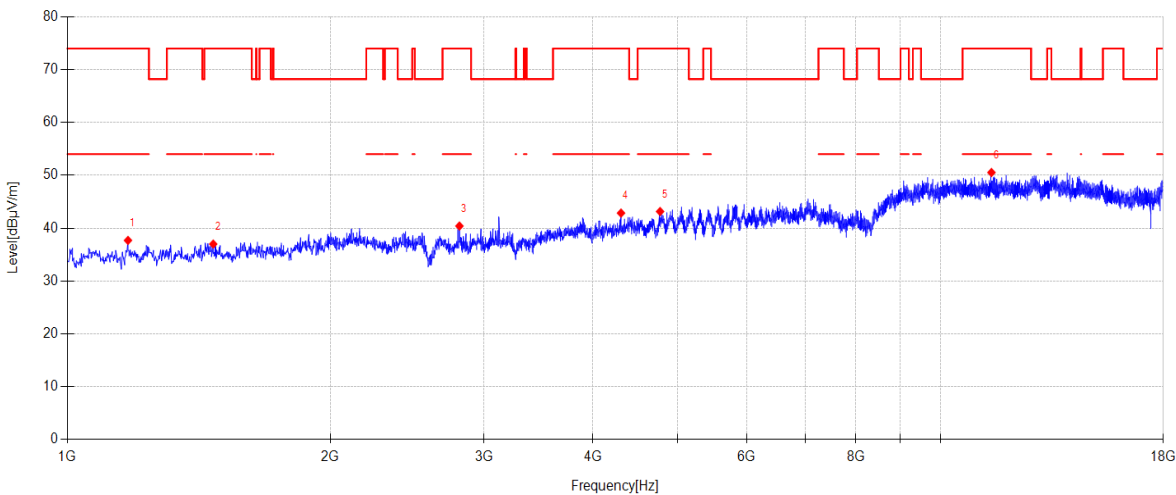
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Memo:

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	1173.400	47.19	24.85	2.55	-36.90	37.69	74.00	36.31	PK	Vertical
2	1469.200	45.72	25.38	2.84	-36.94	37.00	74.00	37.00	PK	Vertical
3	2812.200	48.42	27.50	3.80	-39.31	40.41	74.00	33.59	PK	Vertical
4	4306.500	46.87	31.60	4.72	-40.34	42.85	74.00	31.15	PK	Vertical
5	4774.000	45.88	32.40	5.03	-40.16	43.15	74.00	30.85	PK	Vertical
6	11439.700	42.92	39.26	7.65	-39.30	50.53	74.00	23.47	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:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5745 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

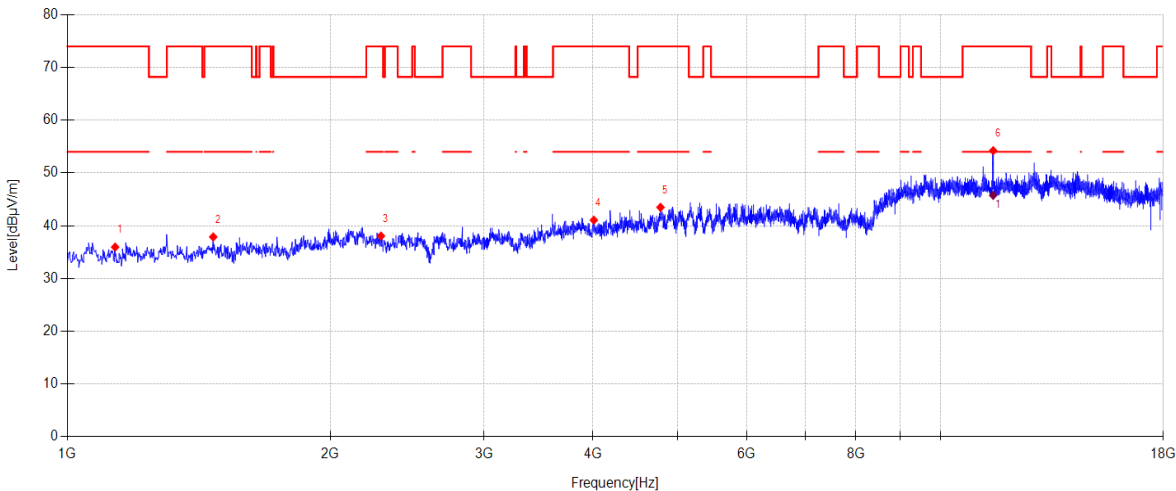
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Memo:

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	1134.300	45.63	24.71	2.51	-36.90	35.95	74.00	38.05	PK	Horizontal
2	1469.200	46.59	25.38	2.84	-36.94	37.87	74.00	36.13	PK	Horizontal
3	2286.900	45.43	26.93	3.51	-37.82	38.05	74.00	35.95	PK	Horizontal
4	4009.000	46.06	30.92	4.53	-40.45	41.06	74.00	32.94	PK	Horizontal
5	4779.100	46.20	32.42	5.03	-40.16	43.49	74.00	30.51	PK	Horizontal
6	11492.400	46.66	39.21	7.68	-39.32	54.23	74.00	19.77	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	11491.580	38.19	39.21	7.68	-39.32	45.76	54	8.24	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:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5745 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

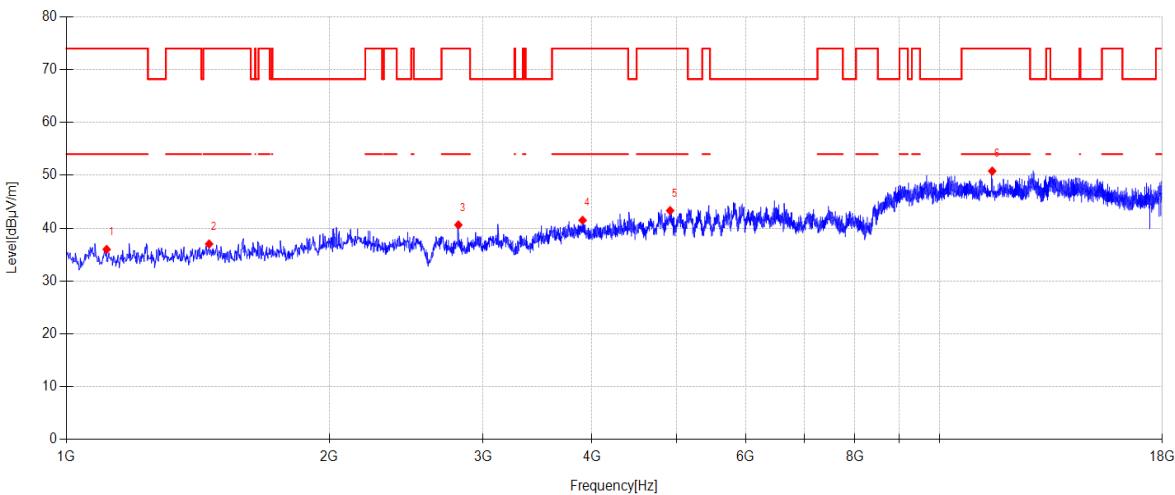
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Memo:

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	1112.200	45.82	24.57	2.49	-36.89	35.99	74.00	38.01	PK	Vertical
2	1457.300	45.80	25.33	2.82	-36.94	37.01	74.00	36.99	PK	Vertical
3	2812.200	48.62	27.50	3.80	-39.31	40.61	74.00	33.39	PK	Vertical
4	3901.900	46.21	31.20	4.46	-40.39	41.48	74.00	32.52	PK	Vertical
5	4915.100	45.28	33.03	5.12	-40.11	43.32	74.00	30.68	PK	Vertical
6	11492.400	43.23	39.21	7.68	-39.32	50.80	74.00	21.20	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:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5785 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

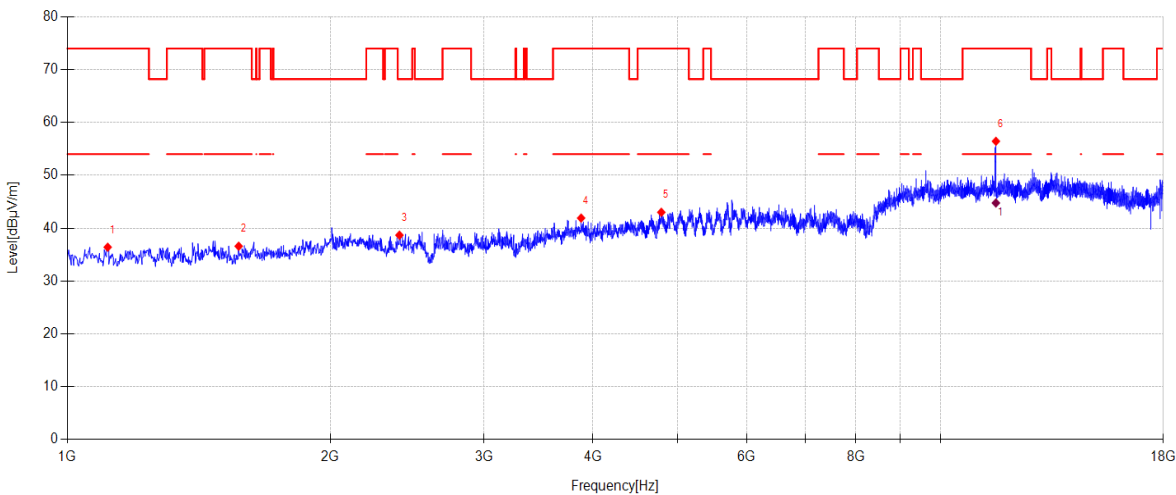
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Memo:

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	1112.200	46.23	24.57	2.49	-36.89	36.40	74.00	37.60	PK	Horizontal
2	1571.200	45.46	25.14	2.93	-36.95	36.58	74.00	37.42	PK	Horizontal
3	2400.800	45.94	27.30	3.57	-38.14	38.67	68.20	29.53	PK	Horizontal
4	3876.400	46.78	31.06	4.44	-40.37	41.91	74.00	32.09	PK	Horizontal
5	4789.300	45.66	32.46	5.04	-40.16	43.00	74.00	31.00	PK	Horizontal
6	11575.700	49.02	39.05	7.73	-39.36	56.44	74.00	17.56	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	11574.040	37.35	39.05	7.73	-39.36	44.77	54	9.23	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:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5785 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

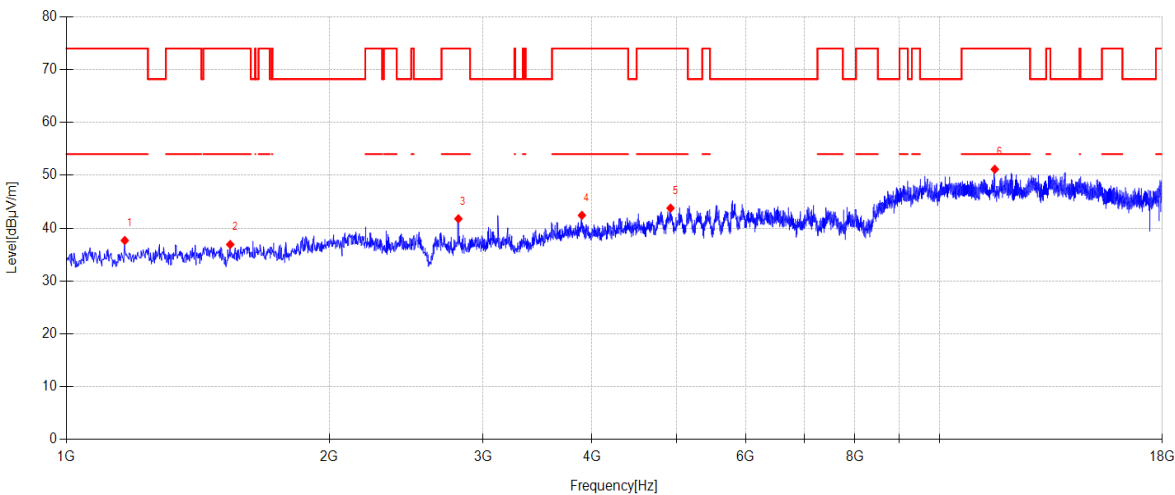
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Memo:

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	1166.600	47.20	24.83	2.54	-36.90	37.67	74.00	36.33	PK	Vertical
2	1540.600	46.03	24.93	2.90	-36.95	36.91	74.00	37.09	PK	Vertical
3	2812.200	49.78	27.50	3.80	-39.31	41.77	74.00	32.23	PK	Vertical
4	3895.100	47.19	31.17	4.46	-40.39	42.43	74.00	31.57	PK	Vertical
5	4920.200	45.72	33.04	5.13	-40.11	43.78	74.00	30.22	PK	Vertical
6	11570.600	43.71	39.06	7.73	-39.36	51.14	74.00	21.86	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:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5825 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

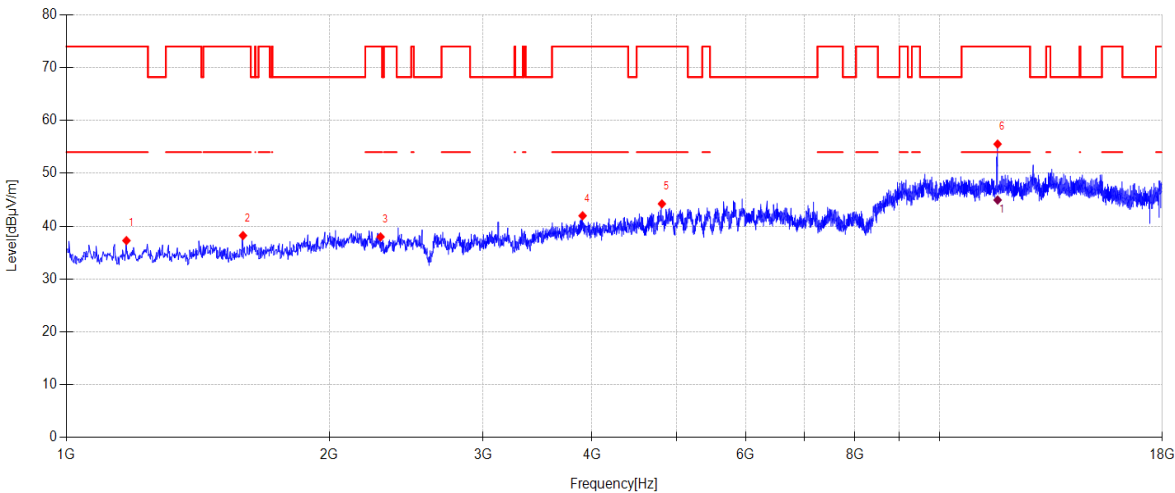
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Memo:

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	1171.700	46.78	24.84	2.55	-36.90	37.27	74.00	36.73	PK	Horizontal
2	1593.300	46.73	25.49	2.96	-36.96	38.22	74.00	35.78	PK	Horizontal
3	2290.300	45.40	26.90	3.51	-37.83	37.98	74.00	36.02	PK	Horizontal
4	3901.900	46.70	31.20	4.46	-40.39	41.97	74.00	32.03	PK	Horizontal
5	4809.700	46.58	32.75	5.05	-40.15	44.23	74.00	29.77	PK	Horizontal
6	11657.300	48.15	39.00	7.78	-39.40	55.53	74.00	18.47	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	11657.300	37.56	39.00	7.78	-39.40	44.94	54	9.06	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:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AX20 5825 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

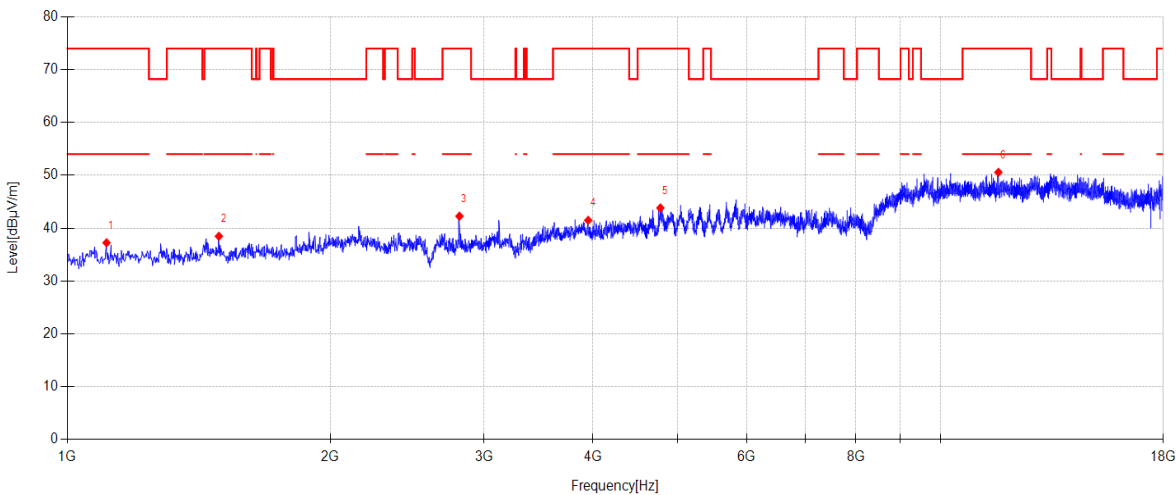
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Memo:

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	1108.800	47.09	24.55	2.49	-36.89	37.24	74.00	36.76	PK	Vertical
2	1491.300	47.08	25.47	2.86	-36.94	38.47	74.00	35.53	PK	Vertical
3	2812.200	50.27	27.50	3.80	-39.31	42.26	74.00	31.74	PK	Vertical
4	3949.500	46.31	31.10	4.49	-40.42	41.48	74.00	32.52	PK	Vertical
5	4777.400	46.55	32.41	5.03	-40.16	43.83	74.00	30.17	PK	Vertical
6	11650.500	43.19	39.00	7.78	-39.40	50.57	74.00	23.43	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.