

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:

11N40 5710 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

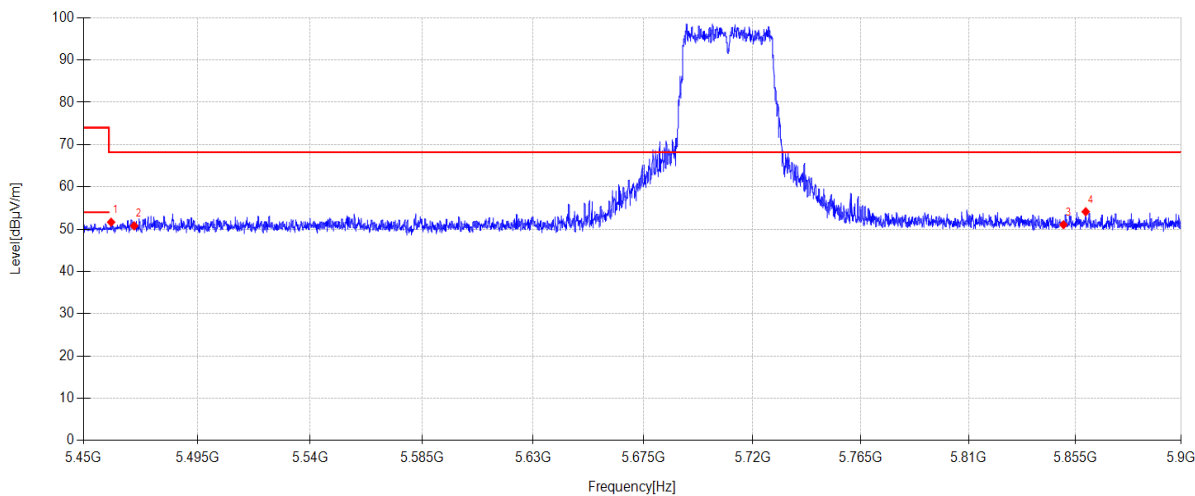
File Path:

d:\ts\2024 report data\Q24072915\FCC RE Above 1G 5G KUAYUE\15

Memo:

Dongle Sample Number:S24072915-001 Power Setting:15

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5460.890	43.20	33.00	5.48	-30.02	51.66	68.20	16.54	PK	Horizontal
2	5470.000	42.31	33.00	5.49	-30.02	50.78	68.20	17.42	PK	Horizontal
3	5850.000	41.29	34.00	5.74	-29.97	51.06	68.20	17.14	PK	Horizontal
4	5859.410	44.32	34.02	5.75	-29.97	54.12	68.20	14.08	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:

11N40 5710 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

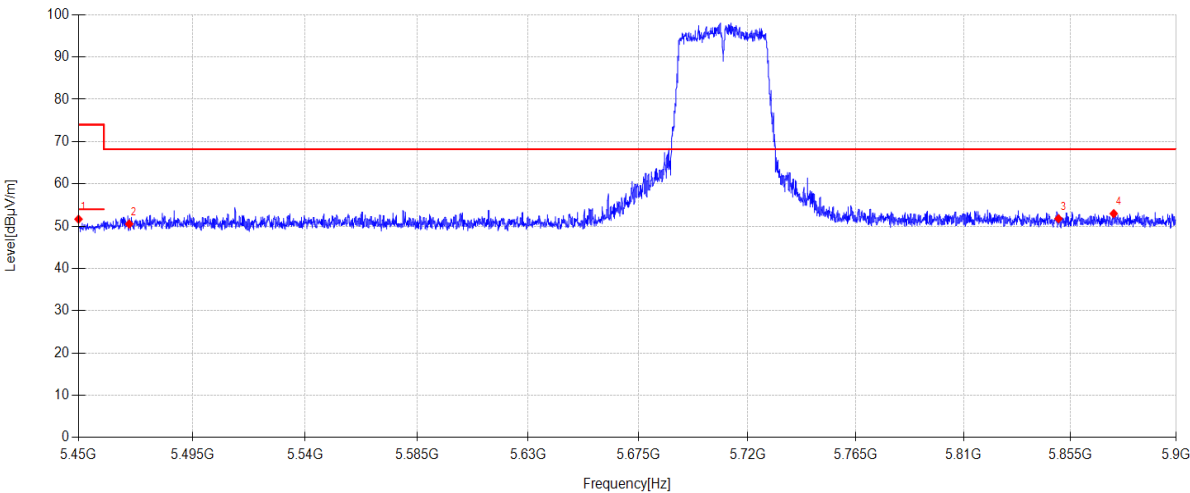
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:15

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5450.000	43.19	33.00	5.48	-30.02	51.65	74.00	22.35	PK	Vertical
2	5470.000	42.05	33.00	5.49	-30.02	50.52	68.20	17.68	PK	Vertical
3	5850.000	42.00	34.00	5.74	-29.97	51.77	68.20	16.43	PK	Vertical
4	5873.405	43.13	34.05	5.76	-29.97	52.97	68.20	15.23	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AC40 5710 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

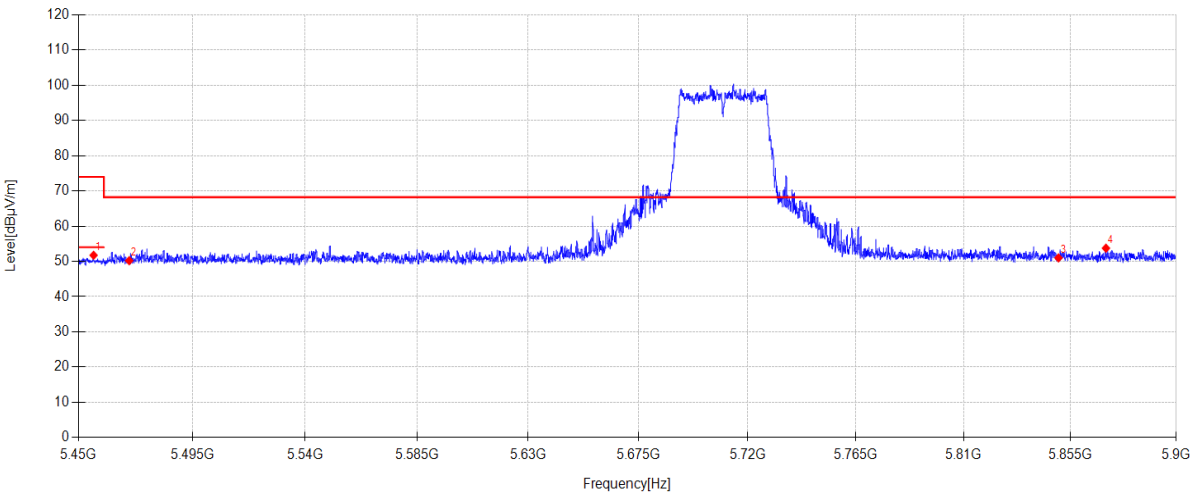
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:15

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5455.940	43.28	33.00	5.48	-30.02	51.74	74.00	22.26	PK	Horizontal
2	5470.000	41.74	33.00	5.49	-30.02	50.21	68.20	17.99	PK	Horizontal
3	5850.000	41.23	34.00	5.74	-29.97	51.00	68.20	17.20	PK	Horizontal
4	5870.120	43.93	34.04	5.75	-29.97	53.75	68.20	14.45	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:

11AC40 5710 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

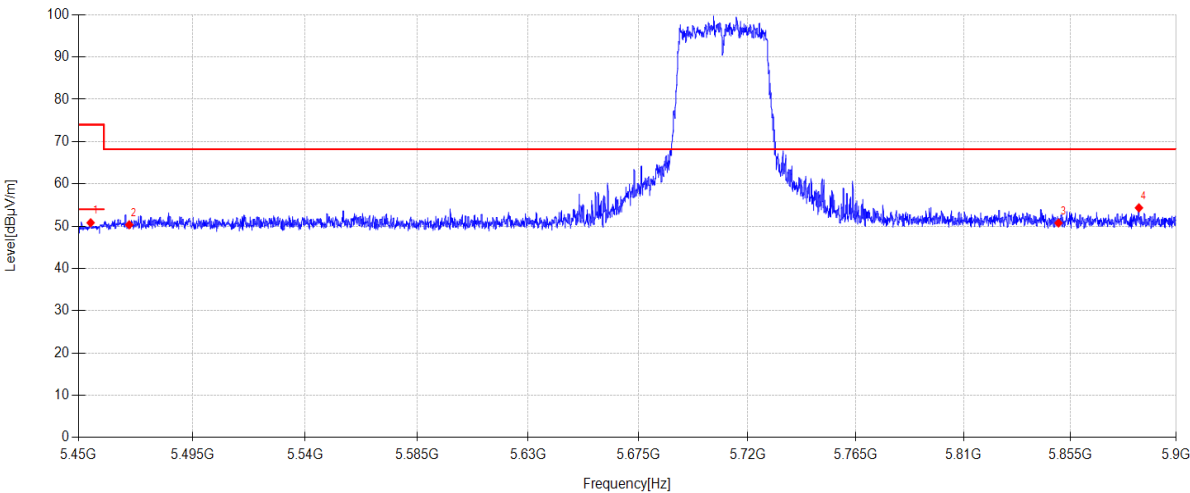
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:15

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5454.770	42.34	33.00	5.48	-30.02	50.80	74.00	23.20	PK	Vertical
2	5470.000	41.86	33.00	5.49	-30.02	50.33	68.20	17.87	PK	Vertical
3	5850.000	40.98	34.00	5.74	-29.97	50.75	68.20	17.45	PK	Vertical
4	5884.115	44.47	34.07	5.76	-29.97	54.33	68.20	13.87	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:

11AX40 5710 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

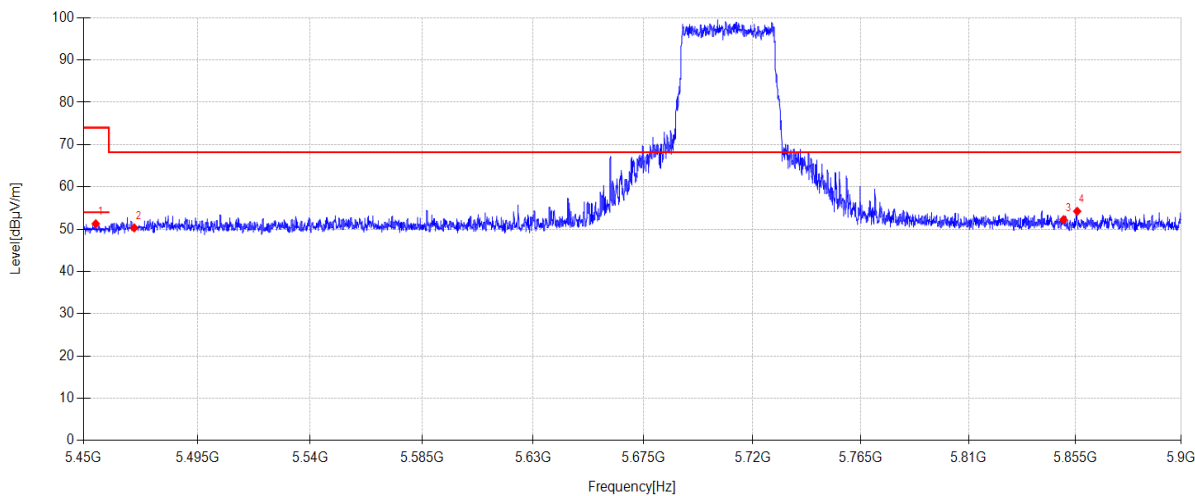
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:15

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5454.815	42.81	33.00	5.48	-30.02	51.27	74.00	22.73	PK	Horizontal
2	5470.000	41.84	33.00	5.49	-30.02	50.31	68.20	17.89	PK	Horizontal
3	5850.000	42.46	34.00	5.74	-29.97	52.23	68.20	15.97	PK	Horizontal
4	5855.810	44.45	34.01	5.74	-29.97	54.23	68.20	13.97	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:

11AX40 5710 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

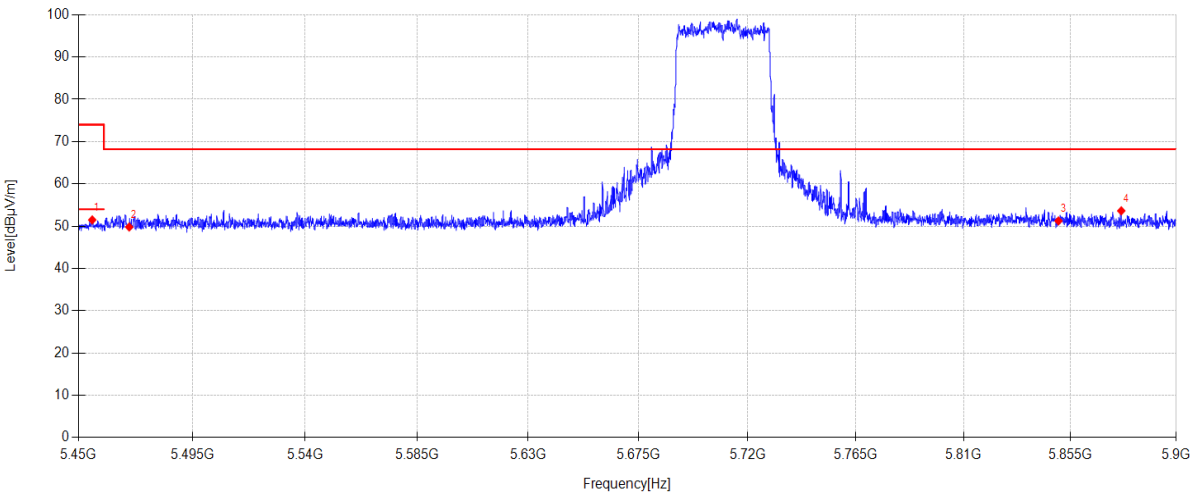
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:15

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5455.400	43.02	33.00	5.48	-30.02	51.48	74.00	22.52	PK	Vertical
2	5470.000	41.32	33.00	5.49	-30.02	49.79	68.20	18.41	PK	Vertical
3	5850.000	41.47	34.00	5.74	-29.97	51.24	68.20	16.96	PK	Vertical
4	5876.600	43.79	34.05	5.76	-29.97	53.63	68.20	14.57	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:

11AC80 5690 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

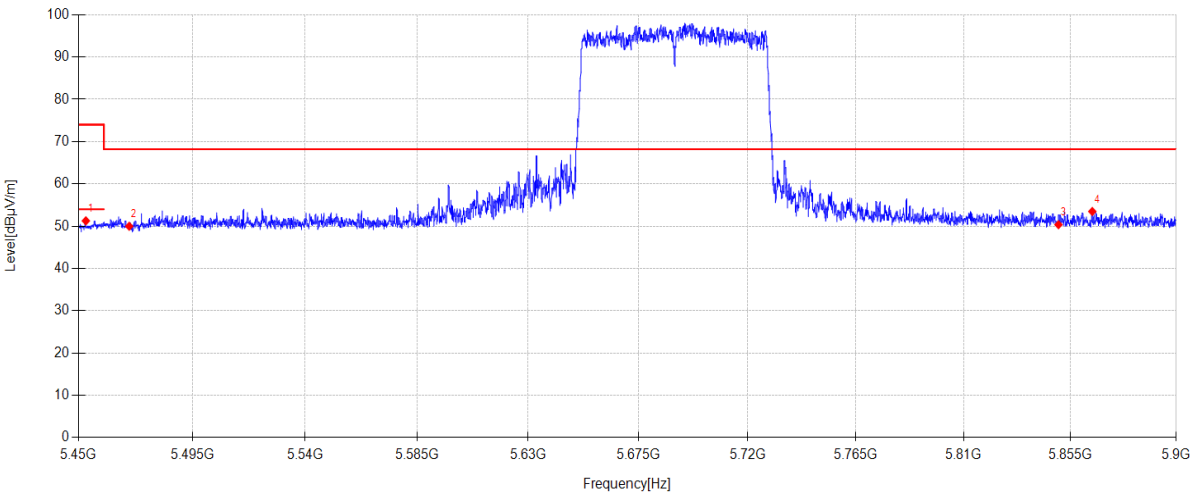
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:13

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5452.880	42.80	33.00	5.48	-30.02	51.26	74.00	22.74	PK	Horizontal
2	5470.000	41.51	33.00	5.49	-30.02	49.98	68.20	18.22	PK	Horizontal
3	5850.000	40.58	34.00	5.74	-29.97	50.35	68.20	17.85	PK	Horizontal
4	5864.315	43.66	34.03	5.75	-29.97	53.47	68.20	14.73	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AC80 5690 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

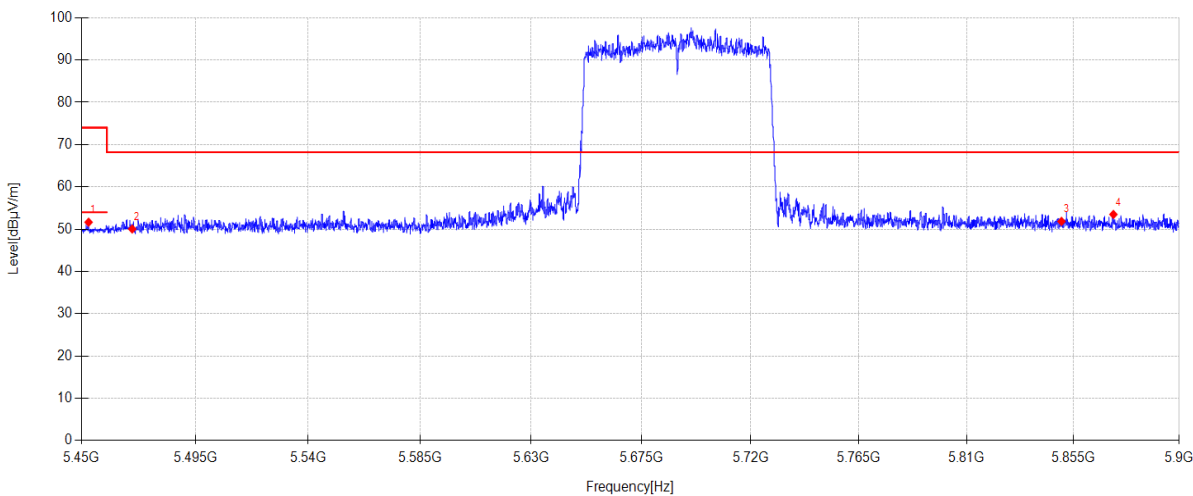
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:13

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5452.790	43.18	33.00	5.48	-30.02	51.64	74.00	22.36	PK	Vertical
2	5470.000	41.58	33.00	5.49	-30.02	50.05	68.20	18.15	PK	Vertical
3	5850.000	42.07	34.00	5.74	-29.97	51.84	68.20	16.36	PK	Vertical
4	5872.010	43.65	34.04	5.76	-29.97	53.48	68.20	14.72	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:

11AX80 5690 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

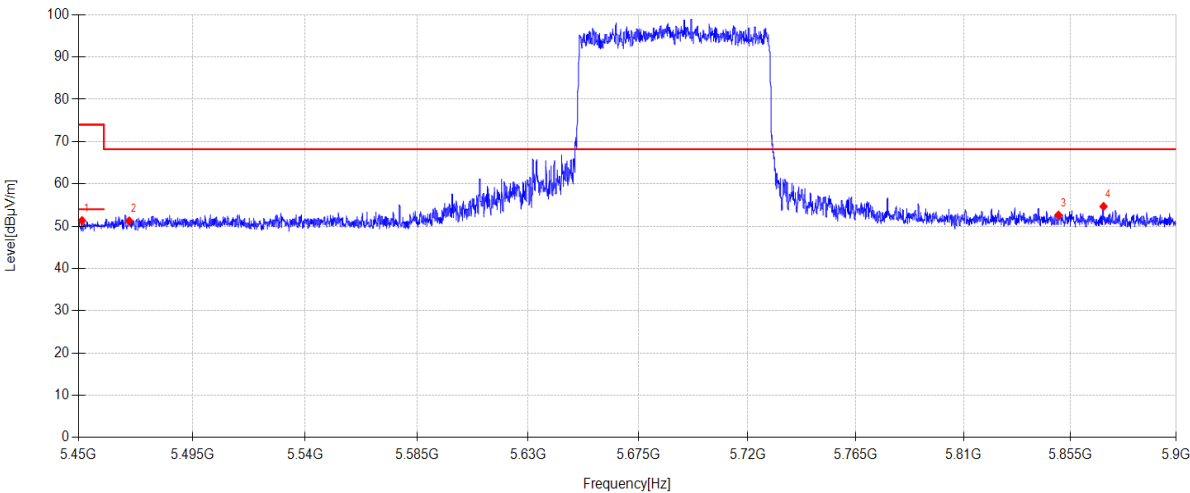
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:13

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5451.395	42.86	33.00	5.48	-30.02	51.32	74.00	22.68	PK	Horizontal
2	5470.000	42.77	33.00	5.49	-30.02	51.24	68.20	16.96	PK	Horizontal
3	5850.000	42.84	34.00	5.74	-29.97	52.61	68.20	15.59	PK	Horizontal
4	5869.085	44.84	34.04	5.75	-29.97	54.66	68.20	13.54	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:

11AX80 5690 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

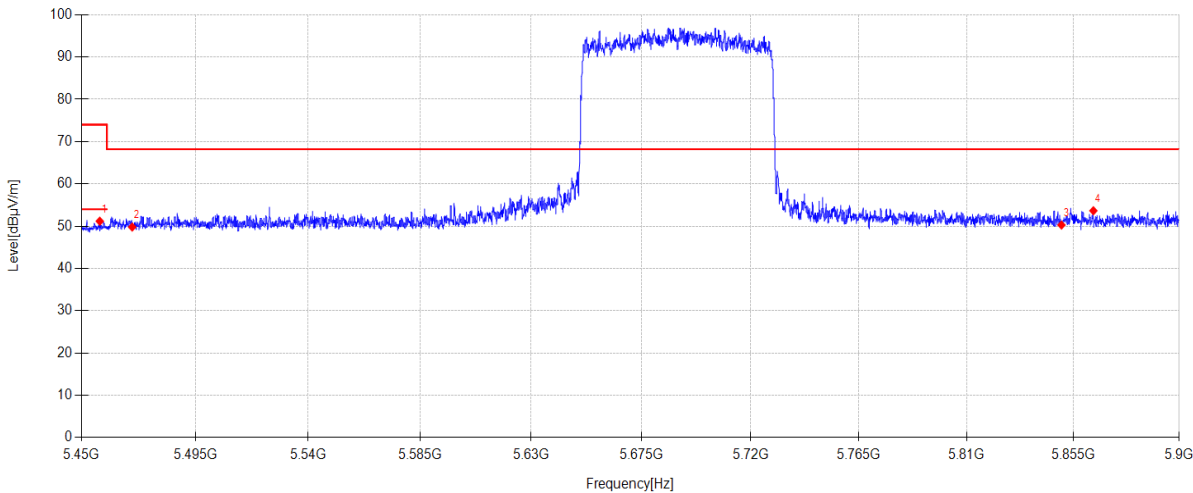
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:13

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5457.200	42.71	33.00	5.48	-30.02	51.17	74.00	22.83	PK	Vertical
2	5470.000	41.32	33.00	5.49	-30.02	49.79	68.20	18.41	PK	Vertical
3	5850.000	40.50	34.00	5.74	-29.97	50.27	68.20	17.93	PK	Vertical
4	5863.505	43.84	34.03	5.75	-29.97	53.65	68.20	14.55	PK	Vertical

Note:

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

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

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

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:

ANT1 11A 5745 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

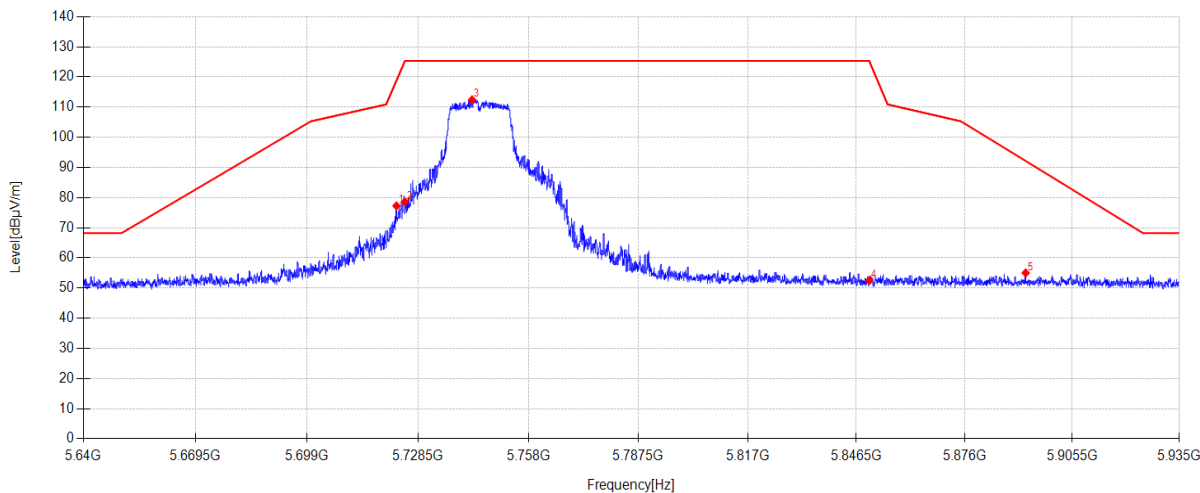
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.748	67.62	33.74	5.87	-29.99	77.24	118.81	41.57	PK	Horizontal
2	5725.000	68.96	33.75	5.87	-29.99	78.59	125.30	46.71	PK	Horizontal
3	5742.926	102.65	33.86	5.88	-29.98	112.41	125.30	12.89	PK	Horizontal
4	5850.000	42.54	34.00	5.94	-29.97	52.51	125.27	72.76	PK	Horizontal
5	5892.727	44.92	34.09	5.96	-29.96	55.01	92.15	37.14	PK	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-16

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT1 11A 5745 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

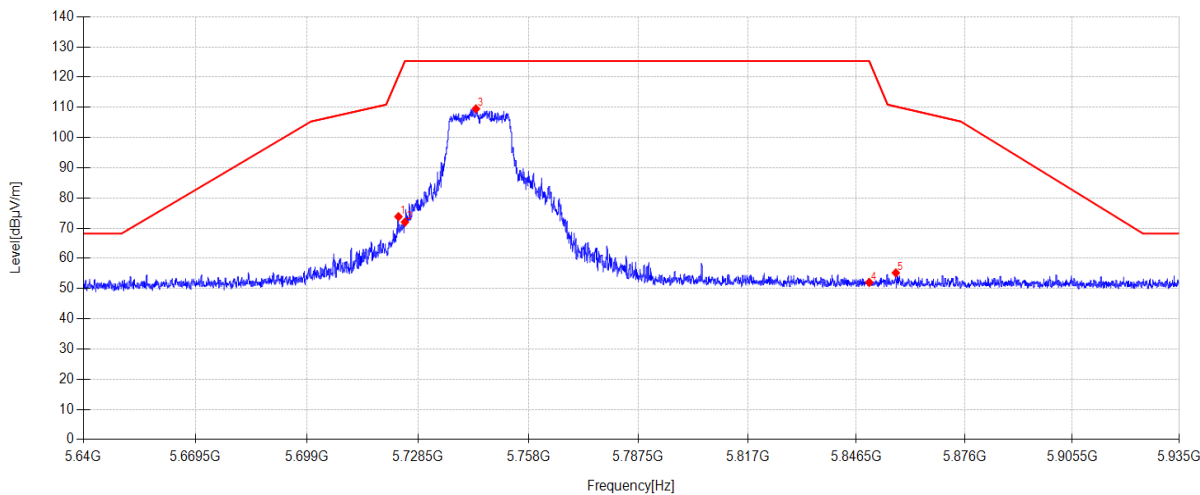
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.279	64.20	33.74	5.87	-29.99	73.82	120.34	46.52	PK	Vertical
2	5725.000	62.36	33.75	5.87	-29.99	71.99	125.30	53.31	PK	Vertical
3	5743.958	99.75	33.86	5.88	-29.98	109.51	125.30	15.79	PK	Vertical
4	5850.000	42.06	34.00	5.94	-29.97	52.03	125.27	73.24	PK	Vertical
5	5857.238	45.22	34.01	5.94	-29.97	55.20	110.27	55.07	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:

2024-08-16

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT1 11A 5785 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

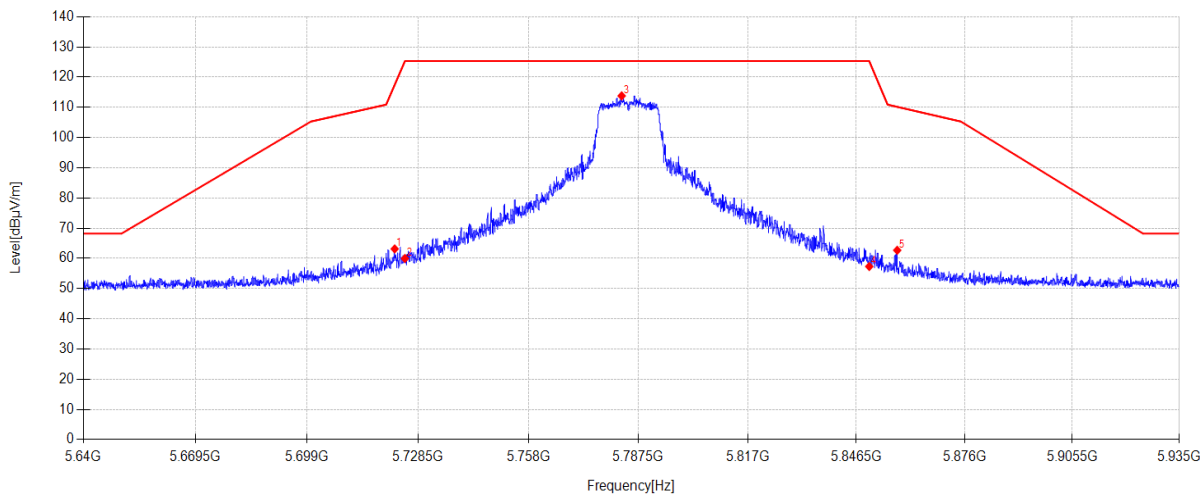
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.276	53.52	33.73	5.87	-29.99	63.13	117.45	54.32	PK	Horizontal
2	5725.000	50.33	33.75	5.87	-29.99	59.96	125.30	65.34	PK	Horizontal
3	5783.016	103.78	34.10	5.90	-29.98	113.80	125.30	11.50	PK	Horizontal
4	5850.000	47.34	34.00	5.94	-29.97	57.31	125.27	67.96	PK	Horizontal
5	5857.622	52.69	34.02	5.94	-29.97	62.68	110.17	47.49	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:

ANT1 11A 5785 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

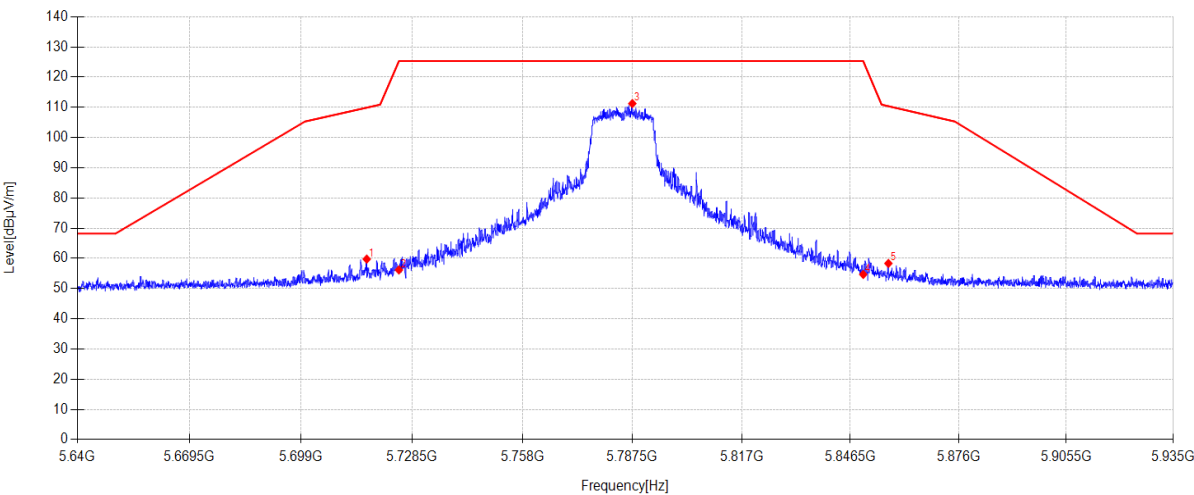
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5716.435	50.17	33.70	5.87	-29.99	59.75	109.90	50.15	PK	Vertical
2	5725.000	46.55	33.75	5.87	-29.99	56.18	125.30	69.12	PK	Vertical
3	5787.500	101.21	34.13	5.90	-29.98	111.26	125.30	14.04	PK	Vertical
4	5850.000	44.71	34.00	5.94	-29.97	54.68	125.27	70.59	PK	Vertical
5	5856.855	48.35	34.01	5.94	-29.97	58.33	110.38	52.05	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-16

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT1 11A 5825 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

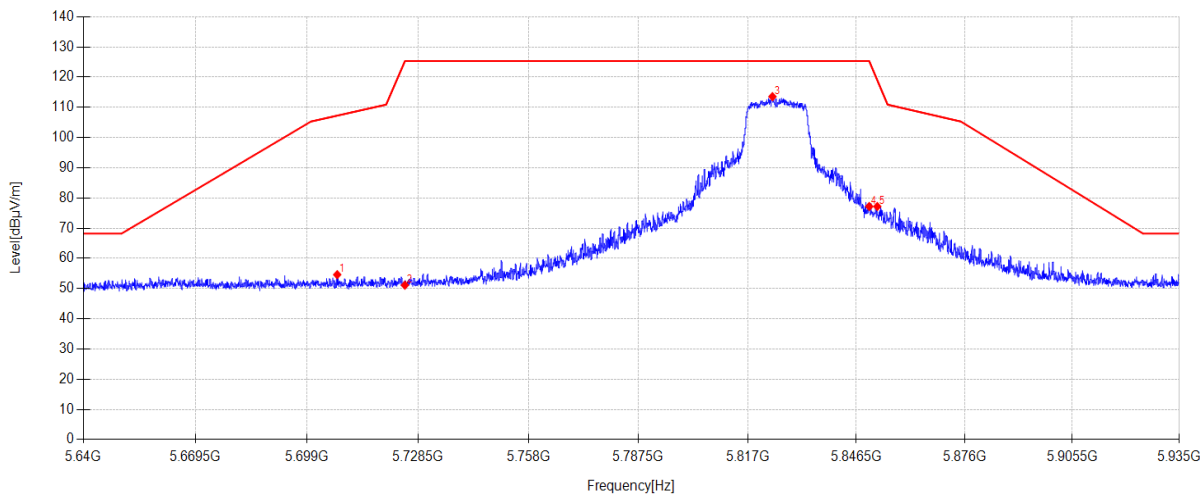
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d:\ts\2024 report data\Q24072915\FCC RE Above 1G 5G MASK\23

Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5706.995	45.10	33.64	5.86	-29.99	54.61	107.26	52.65	PK	Horizontal
2	5725.000	41.50	33.75	5.87	-29.99	51.13	125.30	74.17	PK	Horizontal
3	5823.726	103.49	34.11	5.92	-29.97	113.55	125.30	11.75	PK	Horizontal
4	5850.000	67.22	34.00	5.94	-29.97	77.19	125.27	48.08	PK	Horizontal
5	5852.194	67.21	34.00	5.94	-29.97	77.18	118.98	41.80	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-16

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT1 11A 5825 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

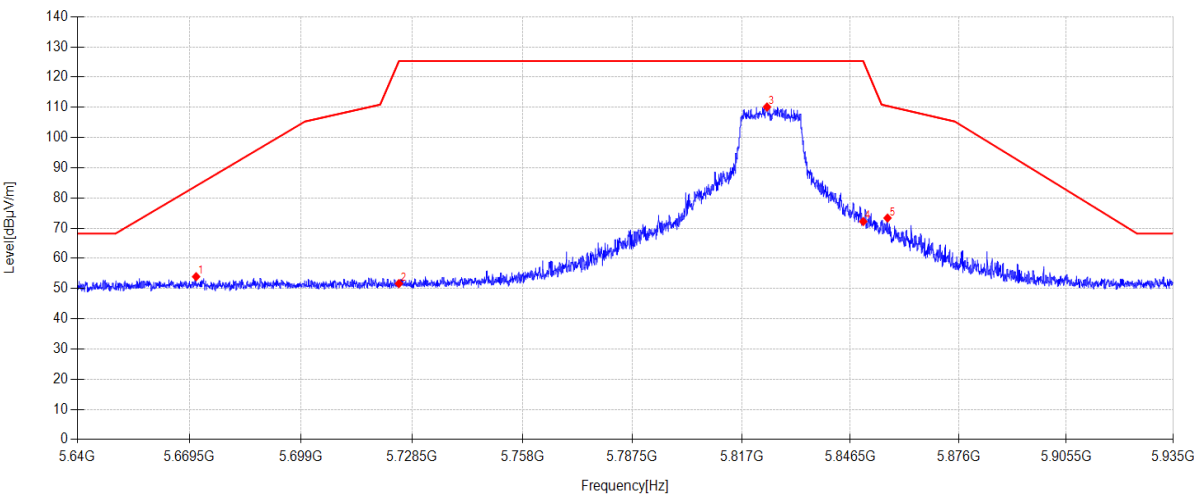
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5671.241	44.60	33.48	5.85	-29.99	53.94	83.96	30.02	PK	Vertical
2	5725.000	42.02	33.75	5.87	-29.99	51.65	125.30	73.65	PK	Vertical
3	5823.874	100.06	34.10	5.92	-29.97	110.11	125.30	15.19	PK	Vertical
4	5850.000	62.23	34.00	5.94	-29.97	72.20	125.27	53.07	PK	Vertical
5	5856.619	63.38	34.01	5.94	-29.97	73.36	110.45	37.09	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:

2024-08-16

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT2 11A 5745 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

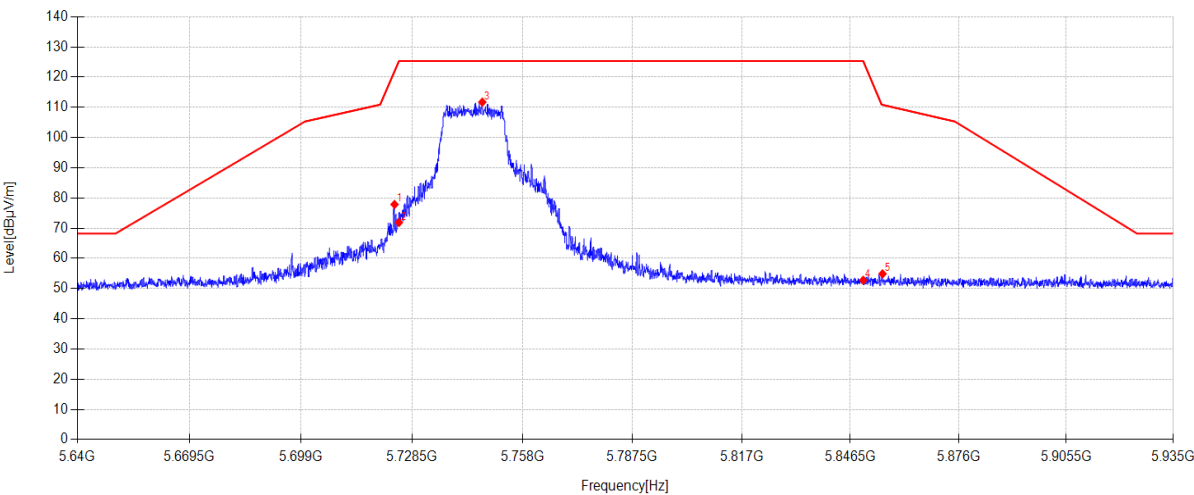
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.839	68.23	33.74	5.87	-29.99	77.85	121.96	44.11	PK	Horizontal
2	5725.000	62.25	33.75	5.87	-29.99	71.88	125.30	53.42	PK	Horizontal
3	5747.262	101.95	33.88	5.88	-29.98	111.73	125.30	13.57	PK	Horizontal
4	5850.000	42.79	34.00	5.94	-29.97	52.76	125.27	72.51	PK	Horizontal
5	5855.262	44.90	34.01	5.94	-29.97	54.88	110.83	55.95	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 5745 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

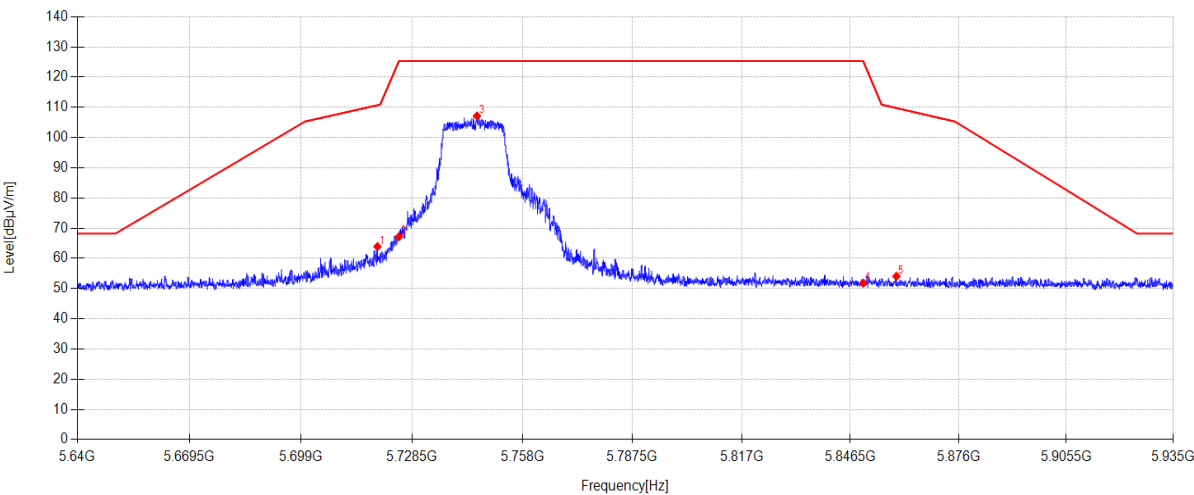
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5719.296	54.29	33.72	5.87	-29.99	63.89	110.70	46.81	PK	Vertical
2	5725.000	57.51	33.75	5.87	-29.99	67.14	125.30	58.16	PK	Vertical
3	5745.817	97.36	33.87	5.88	-29.98	107.13	125.30	18.17	PK	Vertical
4	5850.000	41.84	34.00	5.94	-29.97	51.81	125.27	73.46	PK	Vertical
5	5859.038	44.08	34.02	5.94	-29.97	54.07	109.77	55.70	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:

2024-08-16

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT2 11A 5785 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

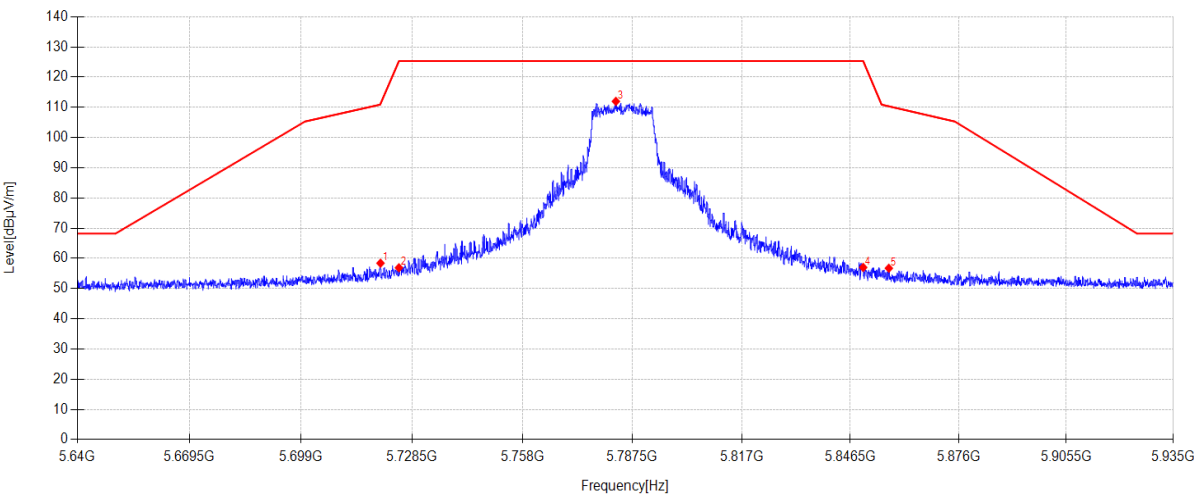
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5720.093	48.81	33.72	5.87	-29.99	58.41	111.17	52.76	PK	Horizontal
2	5725.000	47.26	33.75	5.87	-29.99	56.89	125.30	68.41	PK	Horizontal
3	5783.075	101.97	34.10	5.90	-29.98	111.99	125.30	13.31	PK	Horizontal
4	5850.000	47.03	34.00	5.94	-29.97	57.00	125.27	68.27	PK	Horizontal
5	5856.973	46.75	34.01	5.94	-29.97	56.73	110.35	53.62	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-16

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT2 11A 5785 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

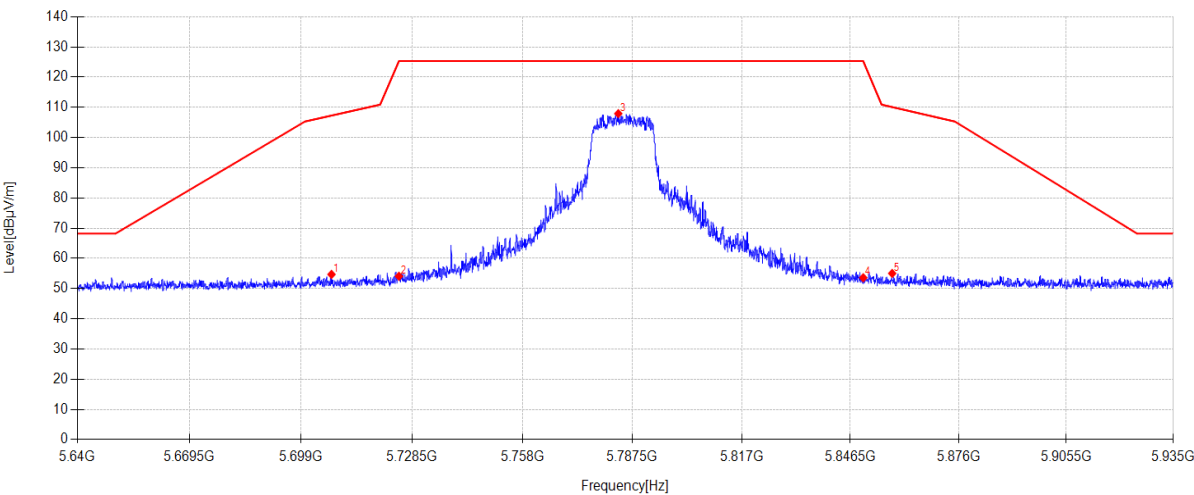
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5707.083	45.18	33.64	5.86	-29.99	54.69	107.28	52.59	PK	Vertical
2	5725.000	44.45	33.75	5.87	-29.99	54.08	125.30	71.22	PK	Vertical
3	5783.724	97.90	34.10	5.90	-29.98	107.92	125.30	17.38	PK	Vertical
4	5850.000	43.61	34.00	5.94	-29.97	53.58	125.27	71.69	PK	Vertical
5	5857.887	45.03	34.02	5.94	-29.97	55.02	110.09	55.07	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:

2024-08-16

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

ANT2 11A 5825 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

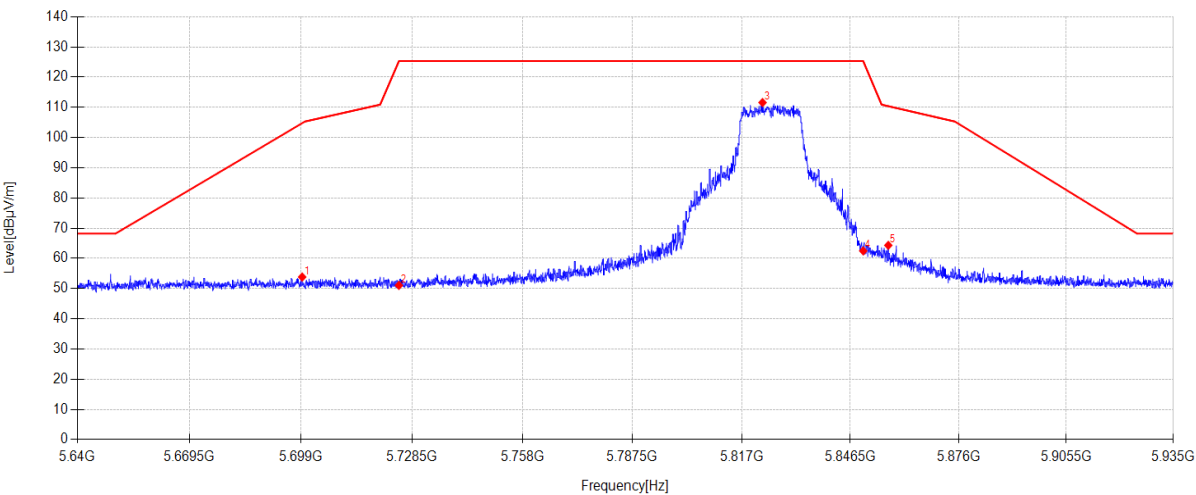
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5699.295	44.35	33.60	5.86	-29.99	53.82	104.78	50.96	PK	Horizontal
2	5725.000	41.43	33.75	5.87	-29.99	51.06	125.30	74.24	PK	Horizontal
3	5822.664	101.52	34.11	5.92	-29.97	111.58	125.30	13.72	PK	Horizontal
4	5850.000	52.51	34.00	5.94	-29.97	62.48	125.27	62.79	PK	Horizontal
5	5856.825	54.33	34.01	5.94	-29.97	64.31	110.39	46.08	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 5825 MHz TX Mode

Power Supply:

AC120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

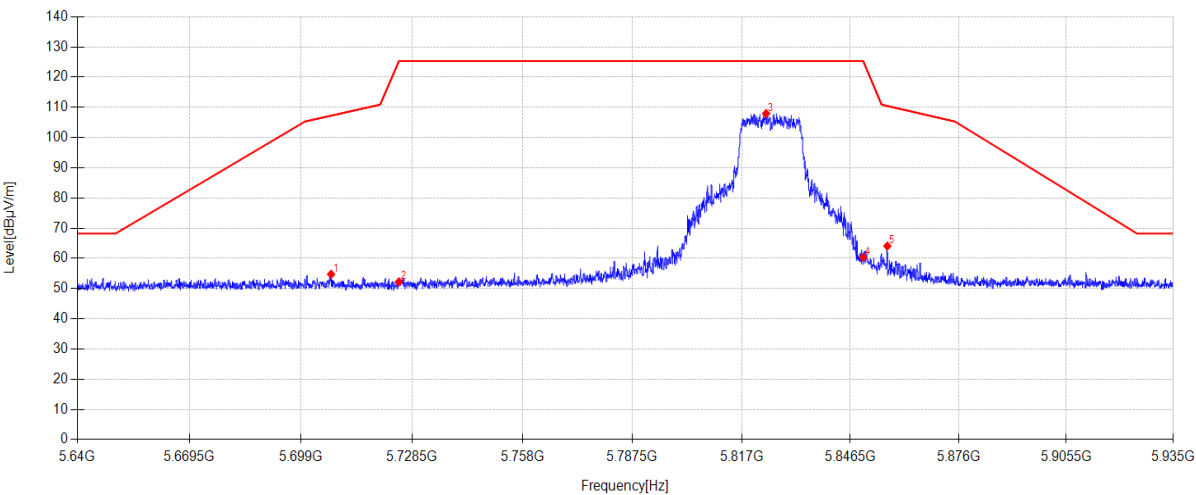
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5706.965	45.23	33.64	5.86	-29.99	54.74	107.25	52.51	PK	Vertical
2	5725.000	42.59	33.75	5.87	-29.99	52.22	125.30	73.08	PK	Vertical
3	5823.638	97.89	34.11	5.92	-29.97	107.95	125.30	17.35	PK	Vertical
4	5850.000	50.37	34.00	5.94	-29.97	60.34	125.27	64.93	PK	Vertical
5	5856.560	54.09	34.01	5.94	-29.97	64.07	110.46	46.39	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:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N20 5745 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

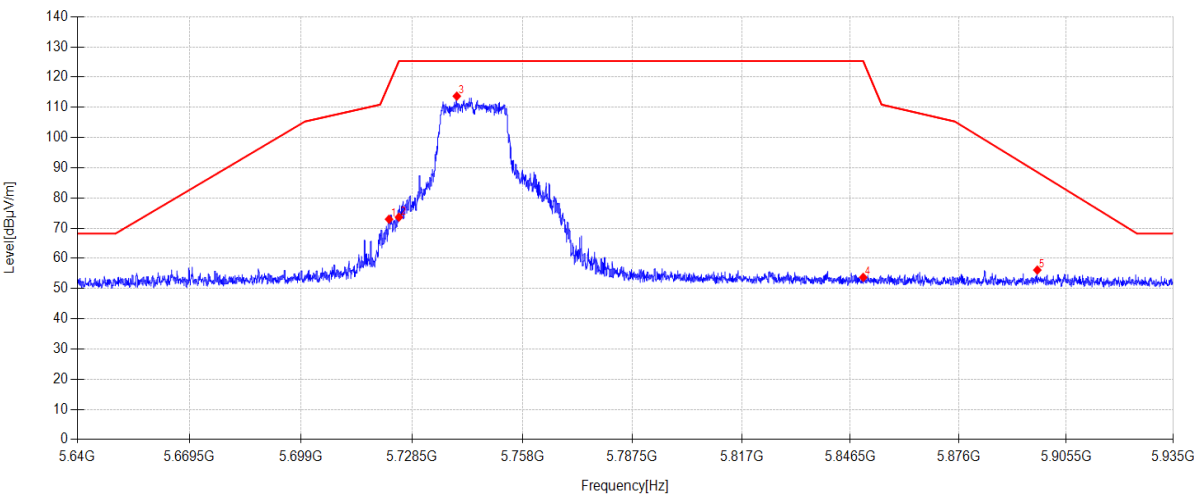
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.364	63.34	33.73	5.87	-29.99	72.95	117.71	44.76	PK	Horizontal
2	5725.000	64.01	33.75	5.87	-29.99	73.64	125.30	51.66	PK	Horizontal
3	5740.448	103.96	33.84	5.88	-29.98	113.70	125.30	11.60	PK	Horizontal
4	5850.000	43.75	34.00	5.94	-29.97	53.72	125.27	71.55	PK	Horizontal
5	5897.565	46.03	34.10	5.96	-29.96	56.13	88.56	32.43	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:

11N20 5745 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

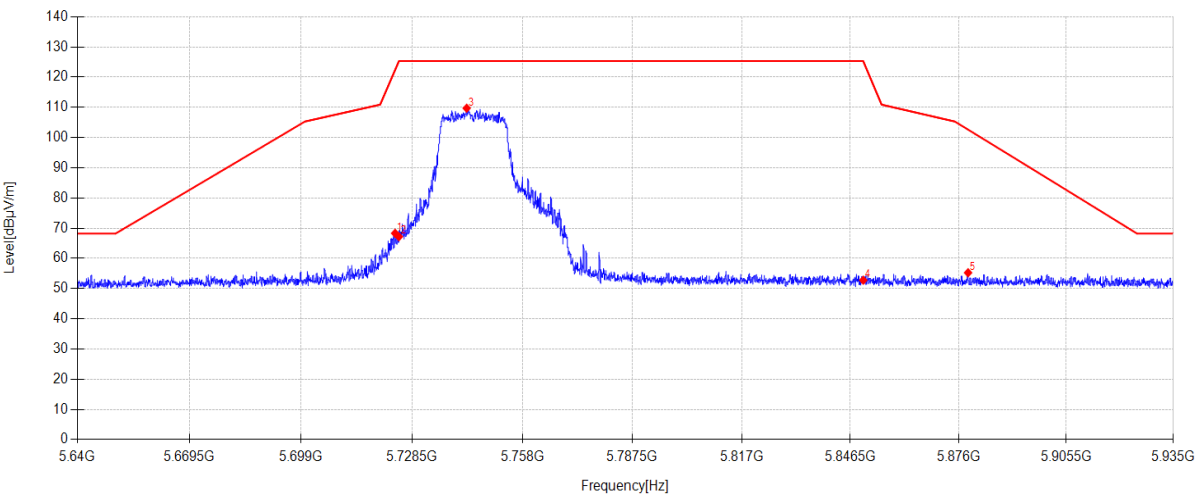
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.987	58.70	33.74	5.87	-29.99	68.32	122.38	54.06	PK	Vertical
2	5725.000	57.55	33.75	5.87	-29.99	67.18	125.30	58.12	PK	Vertical
3	5743.073	99.96	33.86	5.88	-29.98	109.72	125.30	15.58	PK	Vertical
4	5850.000	42.80	34.00	5.94	-29.97	52.77	125.27	72.50	PK	Vertical
5	5878.596	45.21	34.06	5.95	-29.97	55.25	102.63	47.38	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:

11N20 5785 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

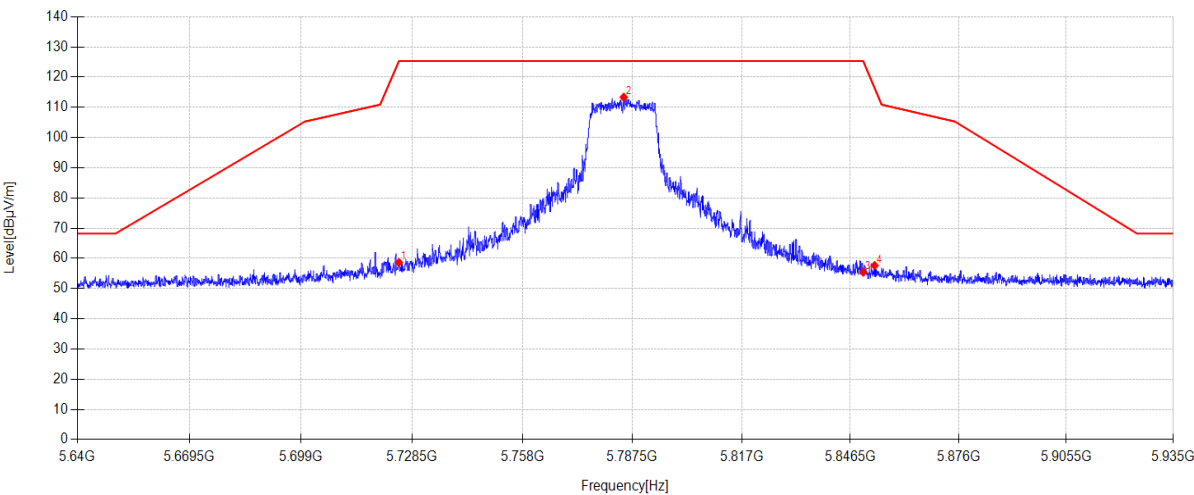
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	49.00	33.75	5.87	-29.99	58.63	125.30	66.67	PK	Horizontal
2	5785.199	103.34	34.11	5.90	-29.98	113.37	125.30	11.93	PK	Horizontal
3	5850.000	45.48	34.00	5.94	-29.97	55.45	125.27	69.82	PK	Horizontal
4	5853.108	47.64	34.01	5.94	-29.97	57.62	116.35	58.73	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N20 5785 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

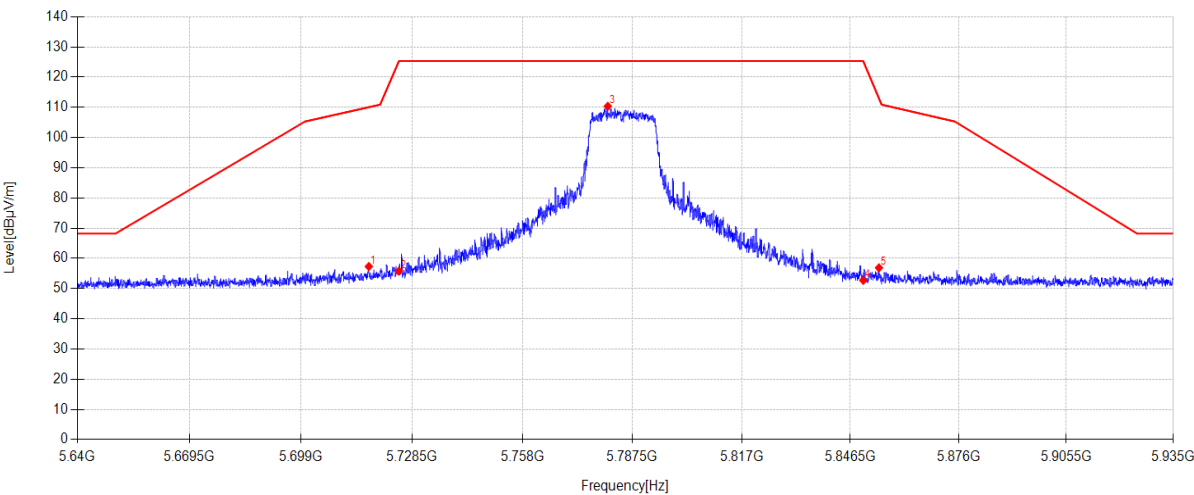
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5716.995	47.73	33.70	5.87	-29.99	57.31	110.06	52.75	PK	Vertical
2	5725.000	46.16	33.75	5.87	-29.99	55.79	125.30	69.51	PK	Vertical
3	5780.892	100.34	34.09	5.90	-29.98	110.35	125.30	14.95	PK	Vertical
4	5850.000	42.76	34.00	5.94	-29.97	52.73	125.27	72.54	PK	Vertical
5	5854.288	46.89	34.01	5.94	-29.97	56.87	112.95	56.08	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:

11N20 5825 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

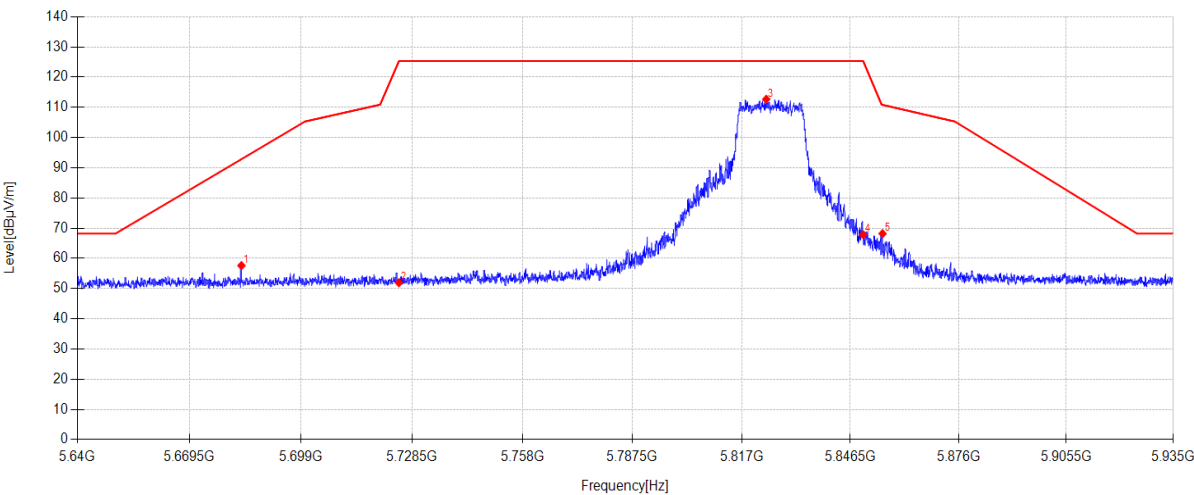
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5683.218	48.22	33.53	5.85	-29.99	57.61	92.85	35.24	PK	Horizontal
2	5725.000	42.32	33.75	5.87	-29.99	51.95	125.30	73.35	PK	Horizontal
3	5823.667	102.61	34.11	5.92	-29.97	112.67	125.30	12.63	PK	Horizontal
4	5850.000	57.87	34.00	5.94	-29.97	67.84	125.27	57.43	PK	Horizontal
5	5855.262	58.21	34.01	5.94	-29.97	68.19	110.83	42.64	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N20 5825 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

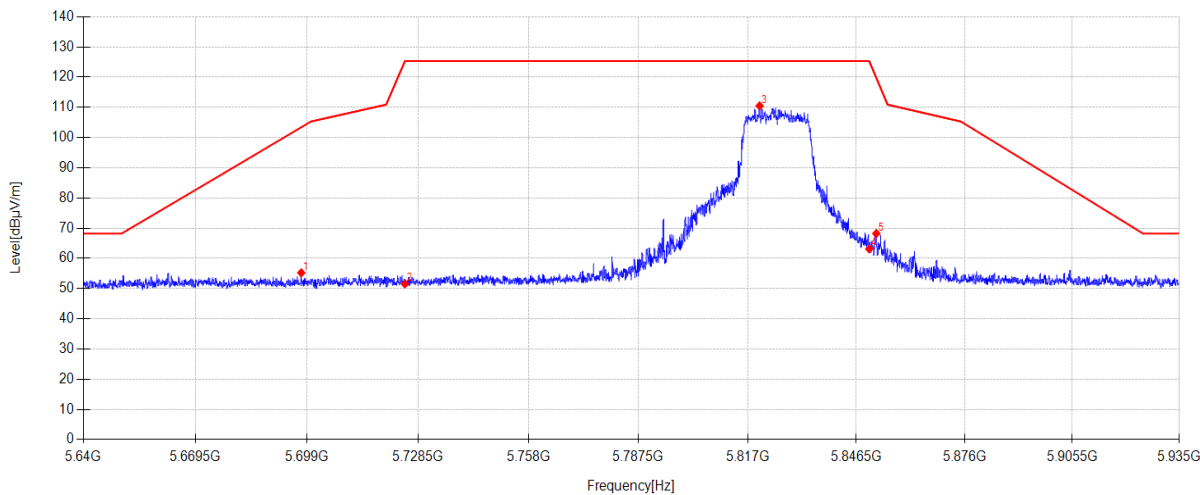
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5697.466	45.76	33.59	5.86	-29.99	55.22	103.42	48.20	PK	Vertical
2	5725.000	41.91	33.75	5.87	-29.99	51.54	125.30	73.76	PK	Vertical
3	5820.245	100.42	34.12	5.92	-29.97	110.49	125.30	14.81	PK	Vertical
4	5850.000	53.15	34.00	5.94	-29.97	63.12	125.27	62.15	PK	Vertical
5	5851.928	58.27	34.00	5.94	-29.97	68.24	119.75	51.51	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:

11AC20 5745 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

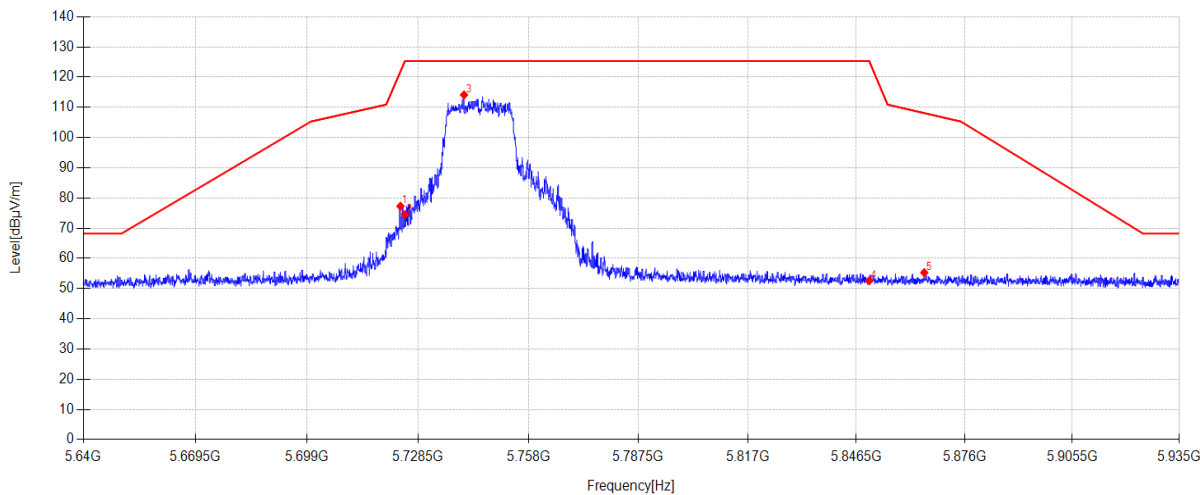
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.810	67.64	33.74	5.87	-29.99	77.26	121.87	44.61	PK	Horizontal
2	5725.000	64.89	33.75	5.87	-29.99	74.52	125.30	50.78	PK	Horizontal
3	5740.772	104.39	33.84	5.88	-29.98	114.13	125.30	11.17	PK	Horizontal
4	5850.000	42.65	34.00	5.94	-29.97	52.62	125.27	72.65	PK	Horizontal
5	5864.997	45.27	34.03	5.94	-29.97	55.27	108.10	52.83	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AC20 5745 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

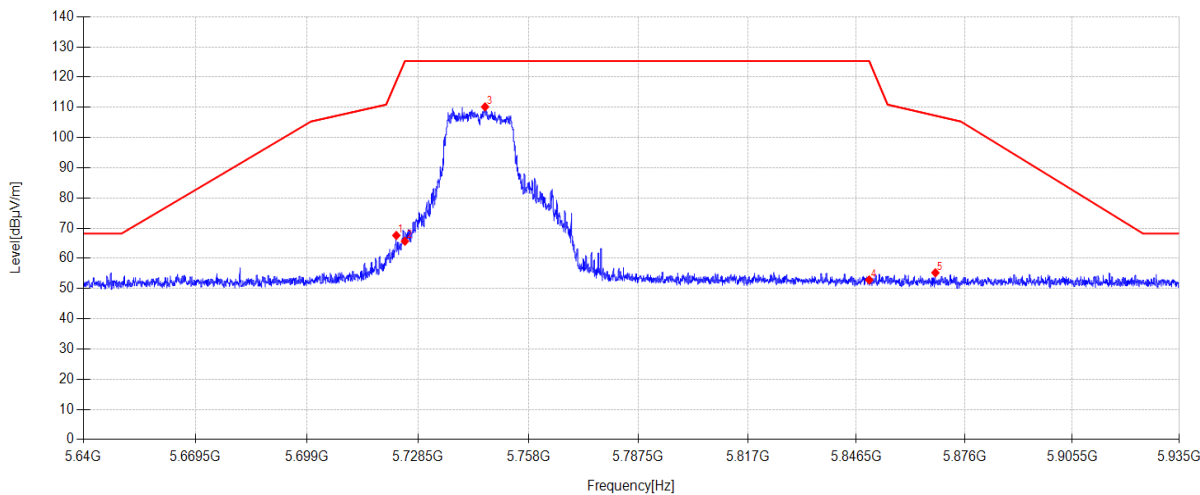
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.718	57.96	33.74	5.87	-29.99	67.58	118.73	51.15	PK	Vertical
2	5725.000	56.05	33.75	5.87	-29.99	65.68	125.30	59.62	PK	Vertical
3	5746.377	100.39	33.88	5.88	-29.98	110.17	125.30	15.13	PK	Vertical
4	5850.000	42.89	34.00	5.94	-29.97	52.86	125.27	72.41	PK	Vertical
5	5868.035	45.22	34.04	5.94	-29.97	55.23	107.25	52.02	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:

11AC20 5785 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

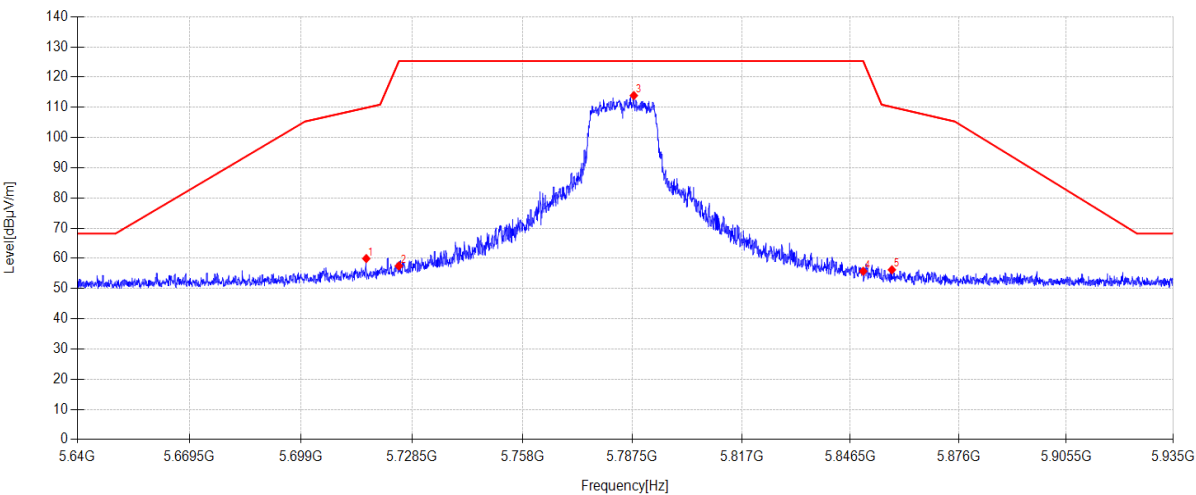
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5716.317	50.36	33.70	5.87	-29.99	59.94	109.87	49.93	PK	Horizontal
2	5725.000	47.86	33.75	5.87	-29.99	57.49	125.30	67.81	PK	Horizontal
3	5787.913	103.85	34.13	5.90	-29.98	113.90	125.30	11.40	PK	Horizontal
4	5850.000	45.76	34.00	5.94	-29.97	55.73	125.27	69.54	PK	Horizontal
5	5857.799	46.23	34.02	5.94	-29.97	56.22	110.12	53.90	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:

11AC20 5785 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

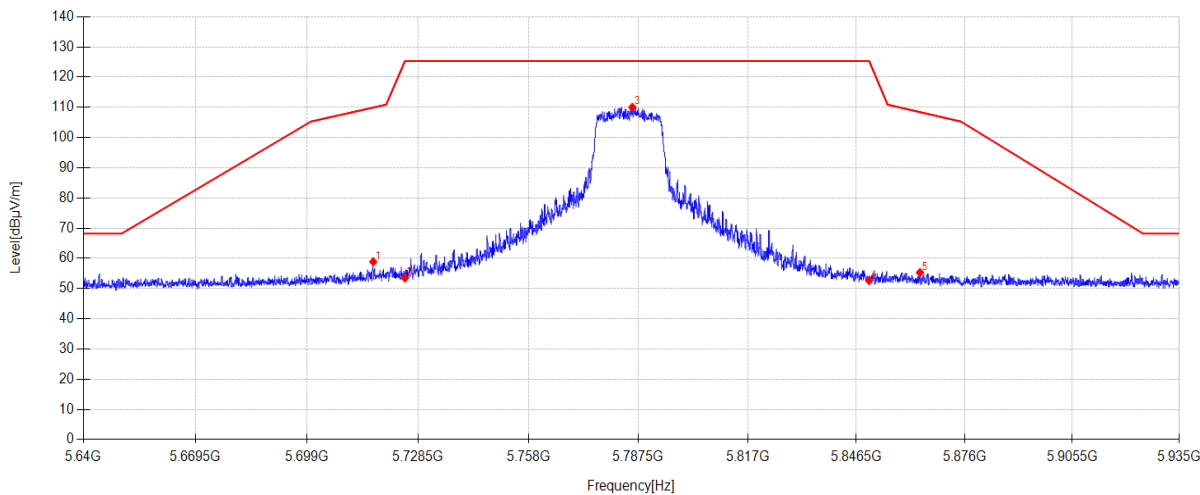
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5716.582	49.30	33.70	5.87	-29.99	58.88	109.94	51.06	PK	Vertical
2	5725.000	43.88	33.75	5.87	-29.99	53.51	125.30	71.79	PK	Vertical
3	5785.907	100.00	34.12	5.90	-29.98	110.04	125.30	15.26	PK	Vertical
4	5850.000	42.67	34.00	5.94	-29.97	52.64	125.27	72.63	PK	Vertical
5	5863.817	45.32	34.03	5.94	-29.97	55.32	108.43	53.11	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:

11AC20 5825 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

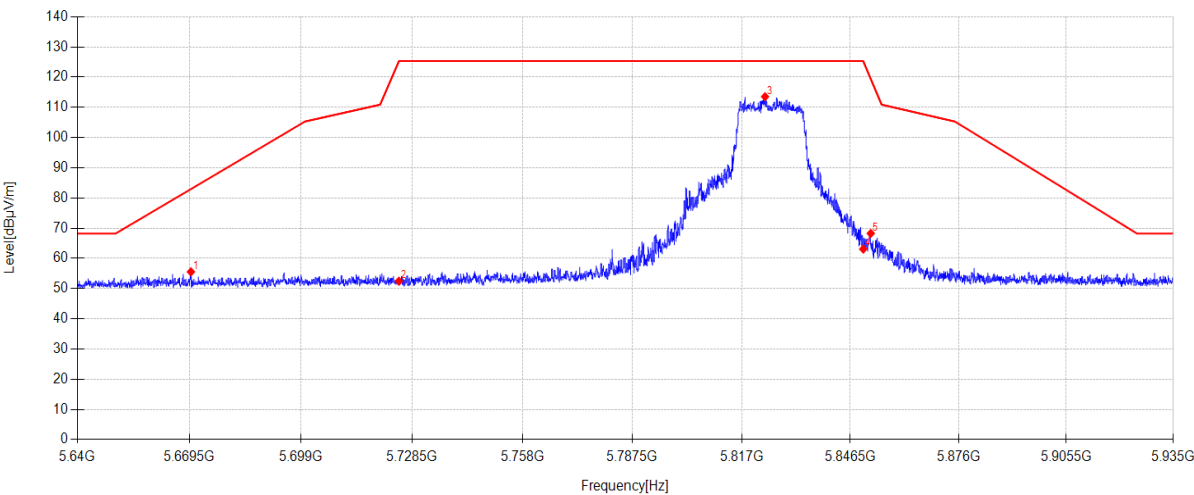
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5669.884	46.21	33.48	5.84	-29.99	55.54	82.95	27.41	PK	Horizontal
2	5725.000	42.81	33.75	5.87	-29.99	52.44	125.30	72.86	PK	Horizontal
3	5823.343	103.47	34.11	5.92	-29.97	113.53	125.30	11.77	PK	Horizontal
4	5850.000	53.11	34.00	5.94	-29.97	63.08	125.27	62.19	PK	Horizontal
5	5852.046	58.29	34.00	5.94	-29.97	68.26	119.41	51.15	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AC20 5825 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

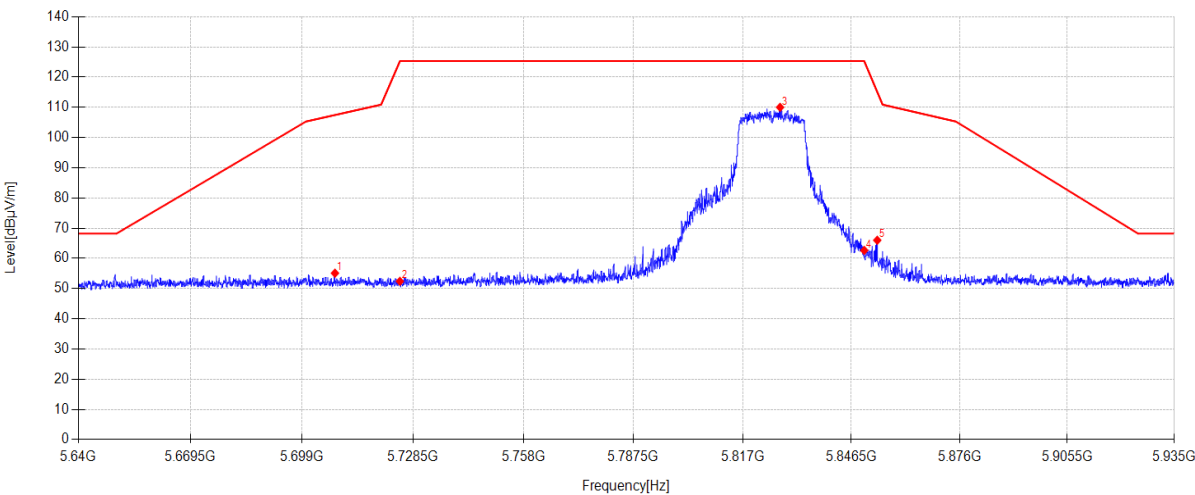
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5707.732	45.58	33.65	5.86	-29.99	55.10	107.46	52.36	PK	Vertical
2	5725.000	42.78	33.75	5.87	-29.99	52.41	125.30	72.89	PK	Vertical
3	5827.148	99.98	34.09	5.92	-29.97	110.02	125.30	15.28	PK	Vertical
4	5850.000	52.68	34.00	5.94	-29.97	62.65	125.27	62.62	PK	Vertical
5	5853.551	56.02	34.01	5.94	-29.97	66.00	115.07	49.07	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

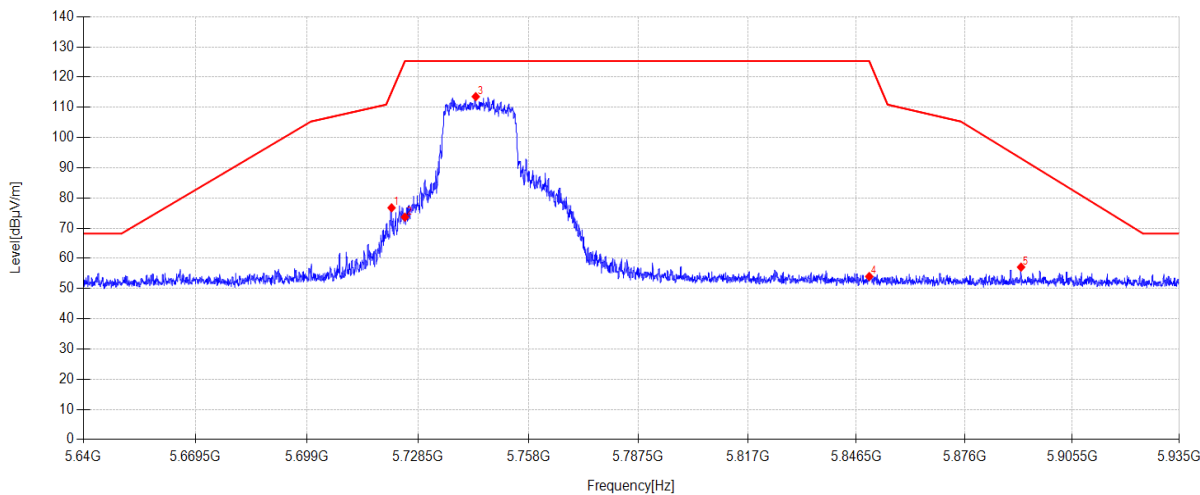
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5721.450	67.13	33.73	5.87	-29.99	76.74	115.07	38.33	PK	Horizontal
2	5725.000	64.03	33.75	5.87	-29.99	73.66	125.30	51.64	PK	Horizontal
3	5743.899	103.79	33.86	5.88	-29.98	113.55	125.30	11.75	PK	Horizontal
4	5850.000	44.02	34.00	5.94	-29.97	53.99	125.27	71.28	PK	Horizontal
5	5891.458	47.02	34.08	5.96	-29.96	57.10	93.09	35.99	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 5745 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

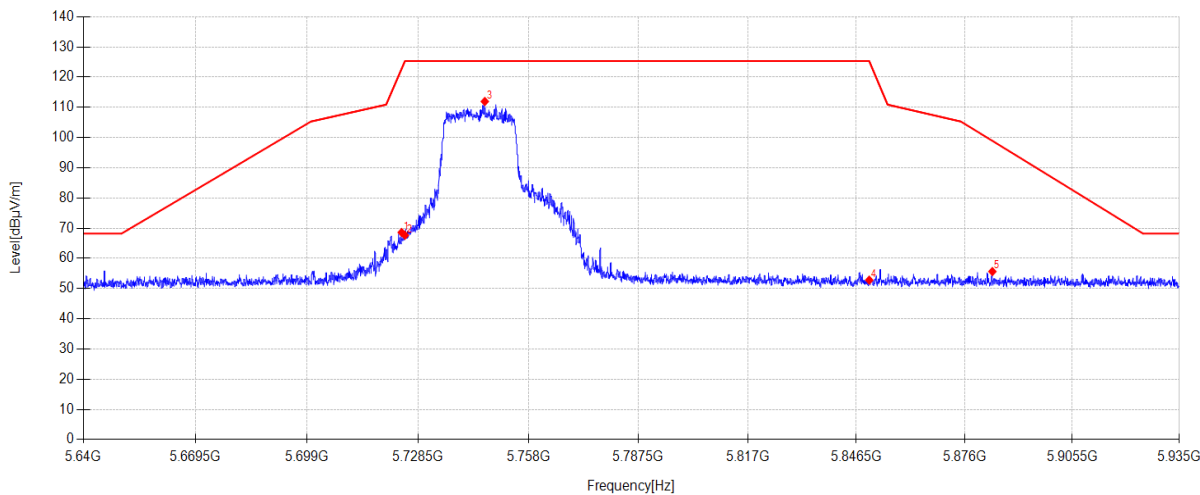
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5724.134	58.96	33.74	5.87	-29.99	68.58	122.81	54.23	PK	Vertical
2	5725.000	58.04	33.75	5.87	-29.99	67.67	125.30	57.63	PK	Vertical
3	5746.318	102.17	33.88	5.88	-29.98	111.95	125.30	13.35	PK	Vertical
4	5850.000	42.83	34.00	5.94	-29.97	52.80	125.27	72.47	PK	Vertical
5	5883.611	45.59	34.07	5.95	-29.97	55.64	98.91	43.27	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

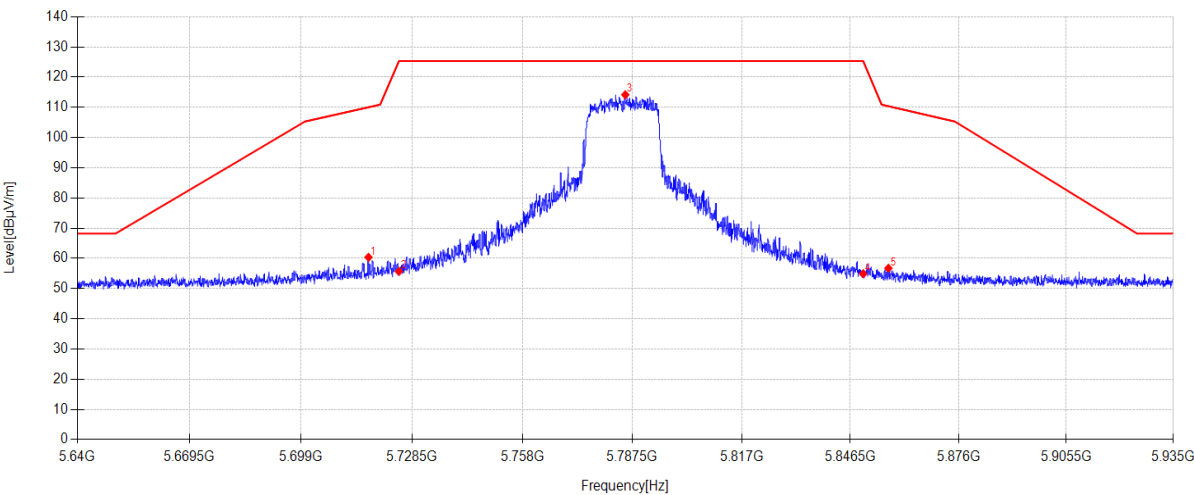
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5716.907	50.77	33.70	5.87	-29.99	60.35	110.03	49.68	PK	Horizontal
2	5725.000	46.05	33.75	5.87	-29.99	55.68	125.30	69.62	PK	Horizontal
3	5785.612	104.13	34.11	5.90	-29.98	114.16	125.30	11.14	PK	Horizontal
4	5850.000	44.95	34.00	5.94	-29.97	54.92	125.27	70.35	PK	Horizontal
5	5856.855	46.74	34.01	5.94	-29.97	56.72	110.38	53.66	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 5785 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

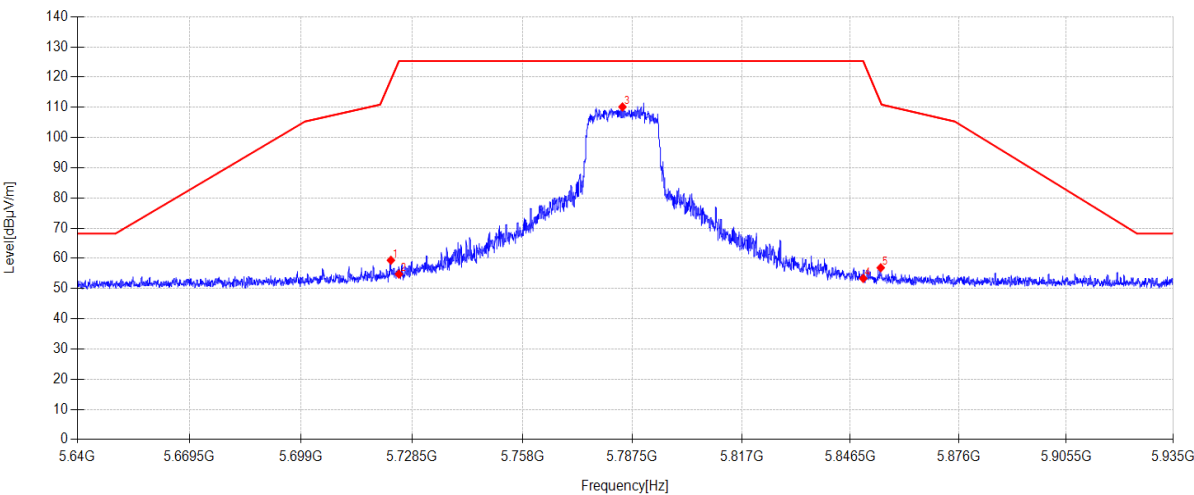
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.866	49.74	33.74	5.87	-29.99	59.36	119.15	59.79	PK	Vertical
2	5725.000	45.14	33.75	5.87	-29.99	54.77	125.30	70.53	PK	Vertical
3	5784.845	100.11	34.11	5.90	-29.98	110.14	125.30	15.16	PK	Vertical
4	5850.000	43.39	34.00	5.94	-29.97	53.36	125.27	71.91	PK	Vertical
5	5854.760	46.91	34.01	5.94	-29.97	56.89	111.59	54.70	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

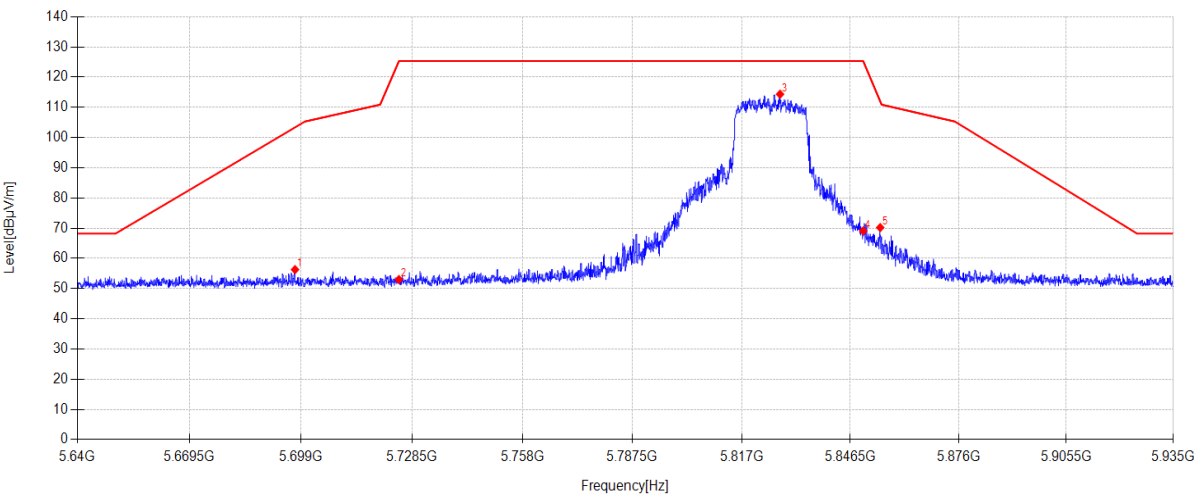
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5697.407	46.82	33.59	5.86	-29.99	56.28	103.38	47.10	PK	Horizontal
2	5725.000	43.36	33.75	5.87	-29.99	52.99	125.30	72.31	PK	Horizontal
3	5827.414	104.31	34.09	5.92	-29.97	114.35	125.30	10.95	PK	Horizontal
4	5850.000	59.12	34.00	5.94	-29.97	69.09	125.27	56.18	PK	Horizontal
5	5854.613	60.21	34.01	5.94	-29.97	70.19	112.02	41.83	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

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

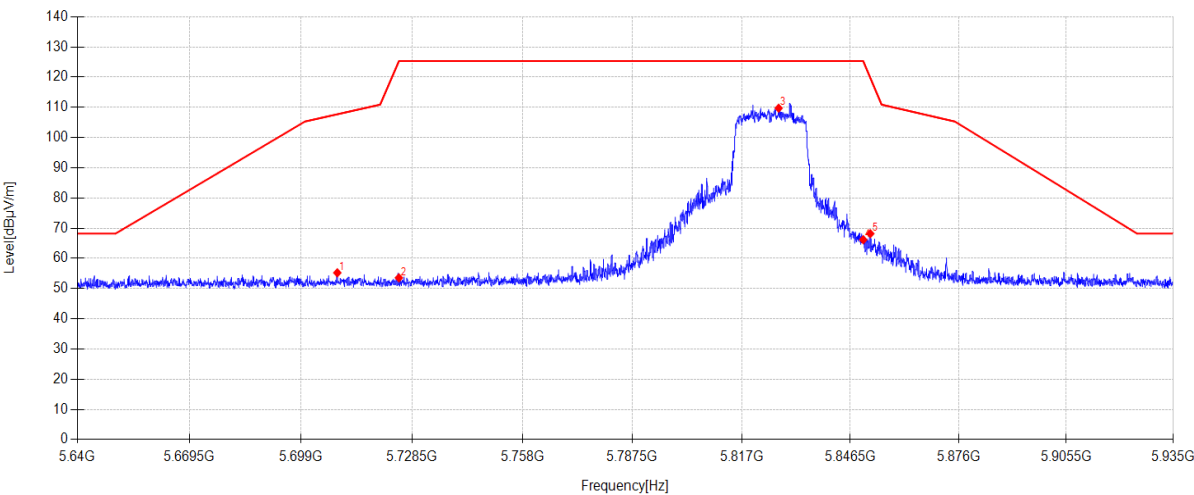
File Path:

d:\ts\2024 report data\Q24072915\FCC RE Above 1G 5G MASK\6

Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5708.617	45.70	33.65	5.86	-29.99	55.22	107.71	52.49	PK	Vertical
2	5725.000	43.92	33.75	5.87	-29.99	53.55	125.30	71.75	PK	Vertical
3	5827.030	99.69	34.09	5.92	-29.97	109.73	125.30	15.57	PK	Vertical
4	5850.000	56.20	34.00	5.94	-29.97	66.17	125.27	59.10	PK	Vertical
5	5851.928	58.21	34.00	5.94	-29.97	68.18	119.75	51.57	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:

11N40 5755 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

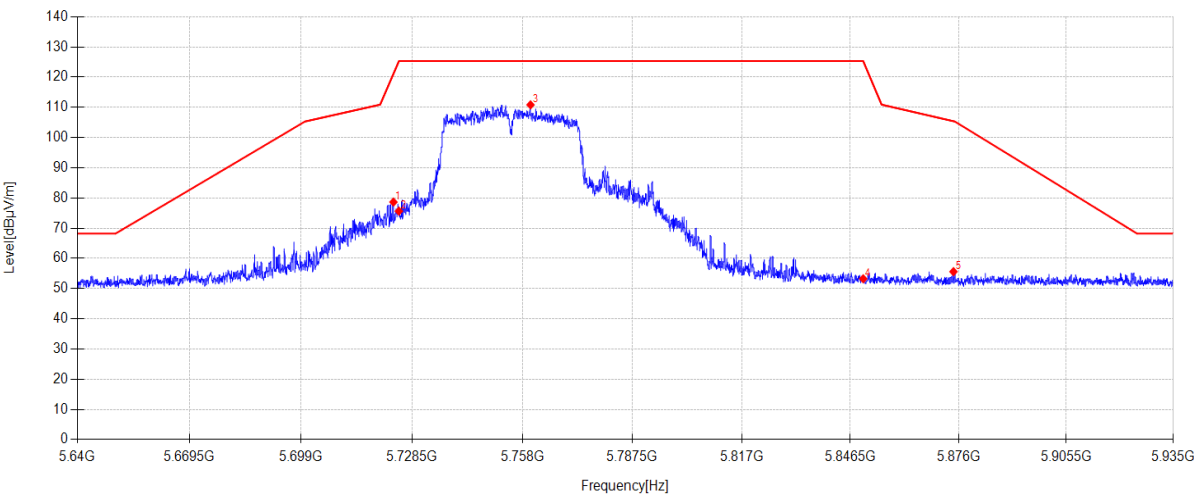
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d:\ts\2024 report data\Q24072915\FCC RE Above 1G 5G MASK\31

Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.544	69.02	33.74	5.87	-29.99	78.64	121.11	42.47	PK	Horizontal
2	5725.000	66.01	33.75	5.87	-29.99	75.64	125.30	49.66	PK	Horizontal
3	5760.154	100.96	33.96	5.89	-29.98	110.83	125.30	14.47	PK	Horizontal
4	5850.000	43.27	34.00	5.94	-29.97	53.24	125.27	72.03	PK	Horizontal
5	5874.614	45.56	34.05	5.95	-29.97	55.59	105.41	49.82	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N40 5755 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

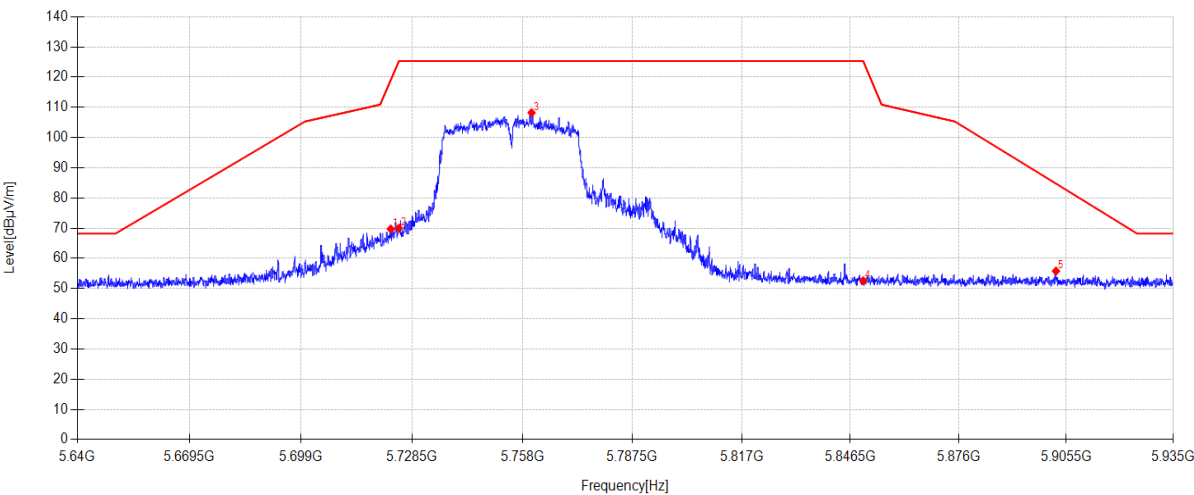
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.836	60.11	33.74	5.87	-29.99	69.73	119.07	49.34	PK	Vertical
2	5725.000	60.36	33.75	5.87	-29.99	69.99	125.30	55.31	PK	Vertical
3	5760.449	98.35	33.96	5.89	-29.98	108.22	125.30	17.08	PK	Vertical
4	5850.000	42.61	34.00	5.94	-29.97	52.58	125.27	72.69	PK	Vertical
5	5902.698	45.69	34.11	5.96	-29.96	55.80	84.75	28.95	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11N40 5795 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

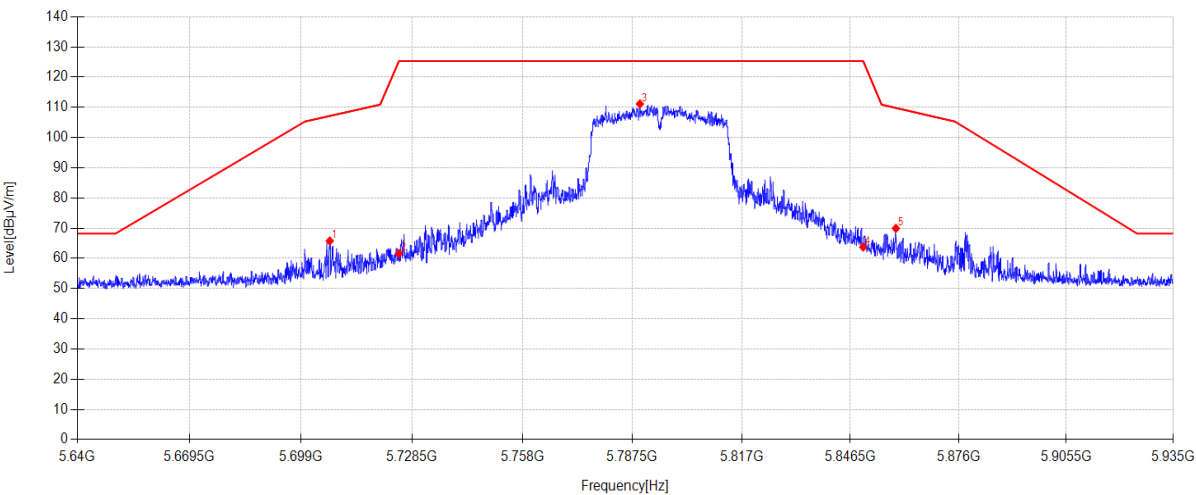
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5706.611	56.26	33.64	5.86	-29.99	65.77	107.15	41.38	PK	Horizontal
2	5725.000	52.00	33.75	5.87	-29.99	61.63	125.30	63.67	PK	Horizontal
3	5789.536	101.07	34.14	5.90	-29.98	111.13	125.30	14.17	PK	Horizontal
4	5850.000	53.78	34.00	5.94	-29.97	63.75	125.27	61.52	PK	Horizontal
5	5858.890	59.95	34.02	5.94	-29.97	69.94	109.81	39.87	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:

11N40 5795 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

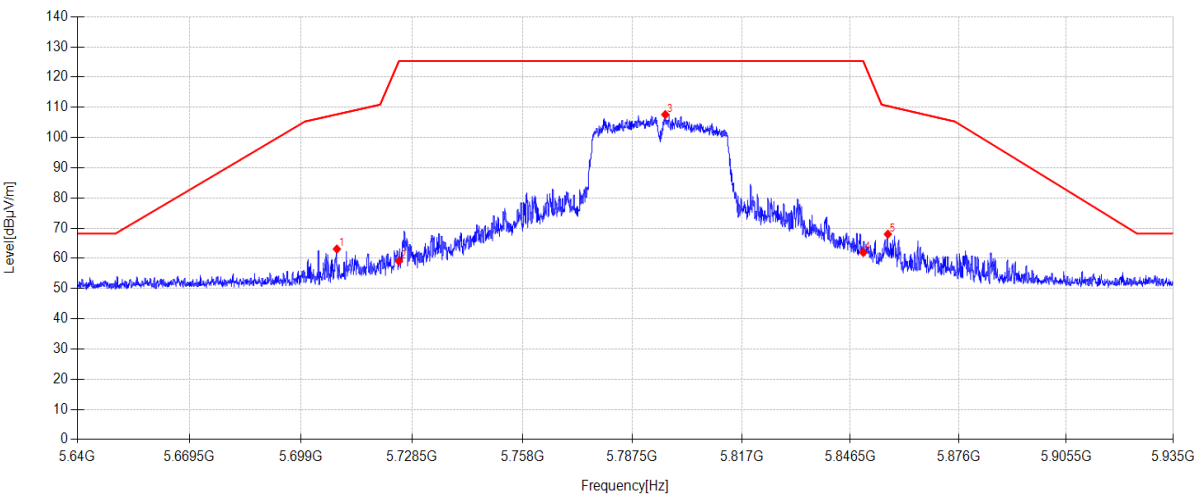
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5708.499	53.57	33.65	5.86	-29.99	63.09	107.68	44.59	PK	Vertical
2	5725.000	49.45	33.75	5.87	-29.99	59.08	125.30	66.22	PK	Vertical
3	5796.380	97.49	34.18	5.91	-29.98	107.60	125.30	17.70	PK	Vertical
4	5850.000	52.00	34.00	5.94	-29.97	61.97	125.27	63.30	PK	Vertical
5	5856.707	58.02	34.01	5.94	-29.97	68.00	110.42	42.42	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:

11AC40 5755 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

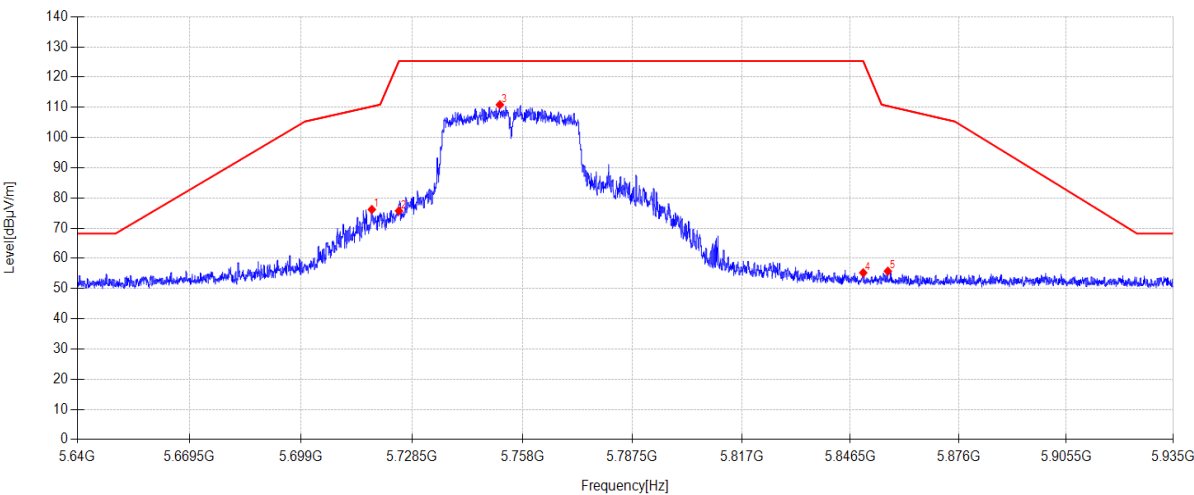
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5717.792	66.59	33.71	5.87	-29.99	76.18	110.28	34.10	PK	Horizontal
2	5725.000	66.10	33.75	5.87	-29.99	75.73	125.30	49.57	PK	Horizontal
3	5751.953	101.03	33.91	5.89	-29.98	110.85	125.30	14.45	PK	Horizontal
4	5850.000	45.26	34.00	5.94	-29.97	55.23	125.27	70.04	PK	Horizontal
5	5856.707	45.77	34.01	5.94	-29.97	55.75	110.42	54.67	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:

11AC40 5755 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

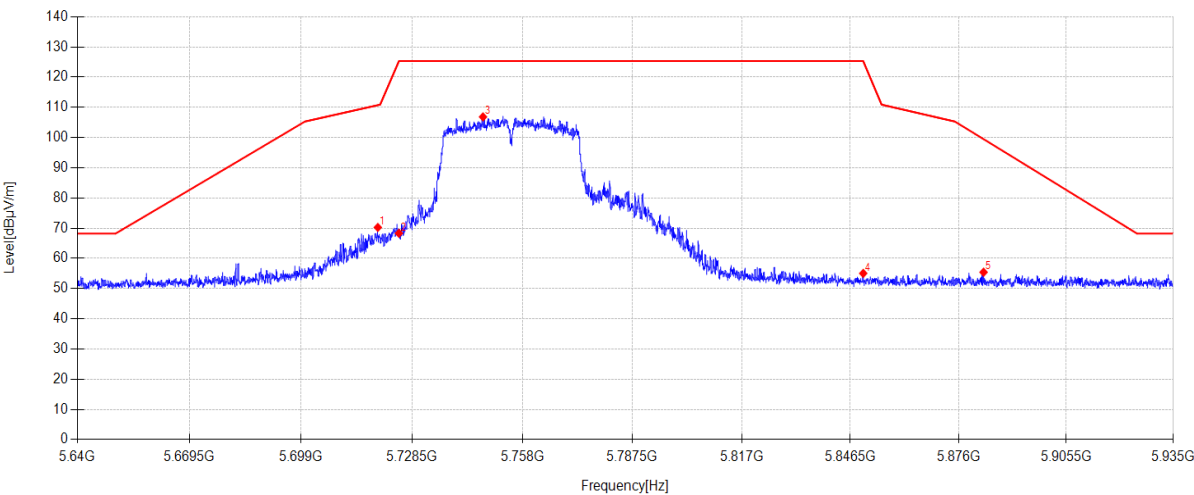
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5719.385	60.65	33.72	5.87	-29.99	70.25	110.73	40.48	PK	Vertical
2	5725.000	58.68	33.75	5.87	-29.99	68.31	125.30	56.99	PK	Vertical
3	5747.439	97.06	33.88	5.88	-29.98	106.84	125.30	18.46	PK	Vertical
4	5850.000	45.06	34.00	5.94	-29.97	55.03	125.27	70.24	PK	Vertical
5	5882.844	45.36	34.07	5.95	-29.97	55.41	99.48	44.07	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:

11AC40 5795 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

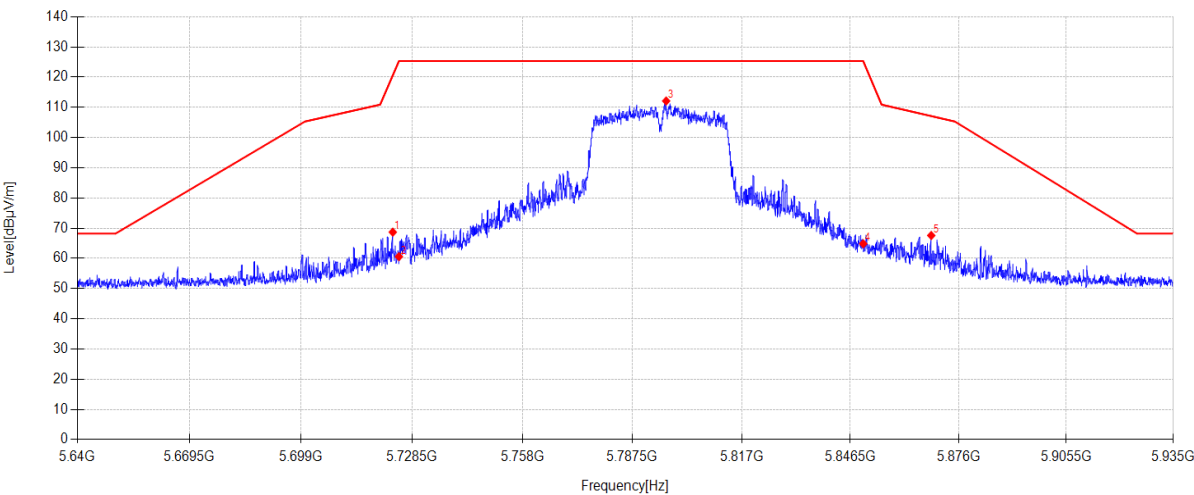
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.367	59.07	33.74	5.87	-29.99	68.69	120.60	51.91	PK	Horizontal
2	5725.000	50.95	33.75	5.87	-29.99	60.58	125.30	64.72	PK	Horizontal
3	5796.616	102.01	34.18	5.91	-29.98	112.12	125.30	13.18	PK	Horizontal
4	5850.000	54.87	34.00	5.94	-29.97	64.84	125.27	60.43	PK	Horizontal
5	5868.537	57.57	34.04	5.94	-29.97	67.58	107.11	39.53	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AC40 5795 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

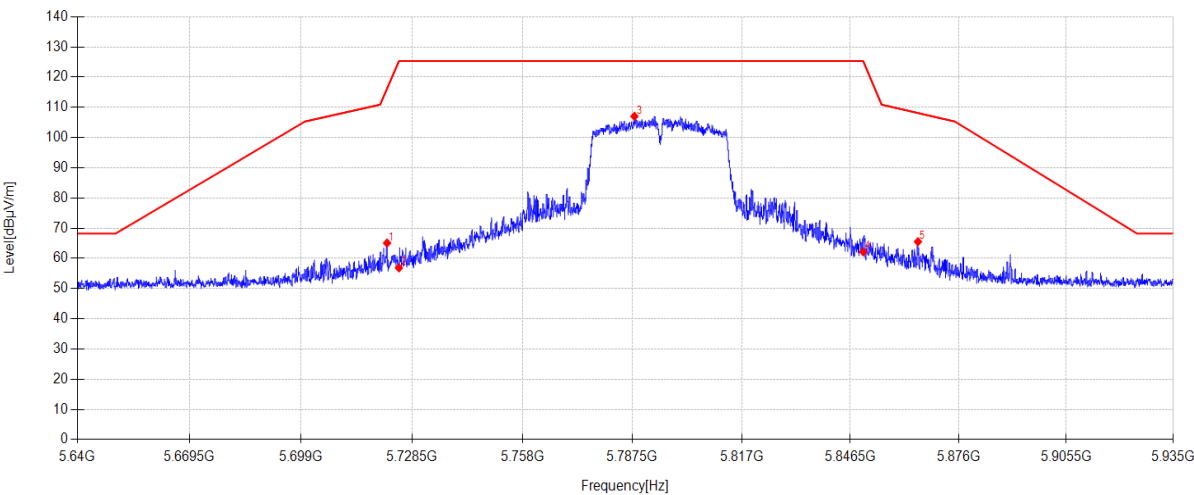
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5721.833	55.47	33.73	5.87	-29.99	65.08	116.18	51.10	PK	Vertical
2	5725.000	47.22	33.75	5.87	-29.99	56.85	125.30	68.45	PK	Vertical
3	5788.061	96.99	34.13	5.90	-29.98	107.04	125.30	18.26	PK	Vertical
4	5850.000	52.18	34.00	5.94	-29.97	62.15	125.27	63.12	PK	Vertical
5	5864.908	55.52	34.03	5.94	-29.97	65.52	108.13	42.61	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:

11AX40 5755 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

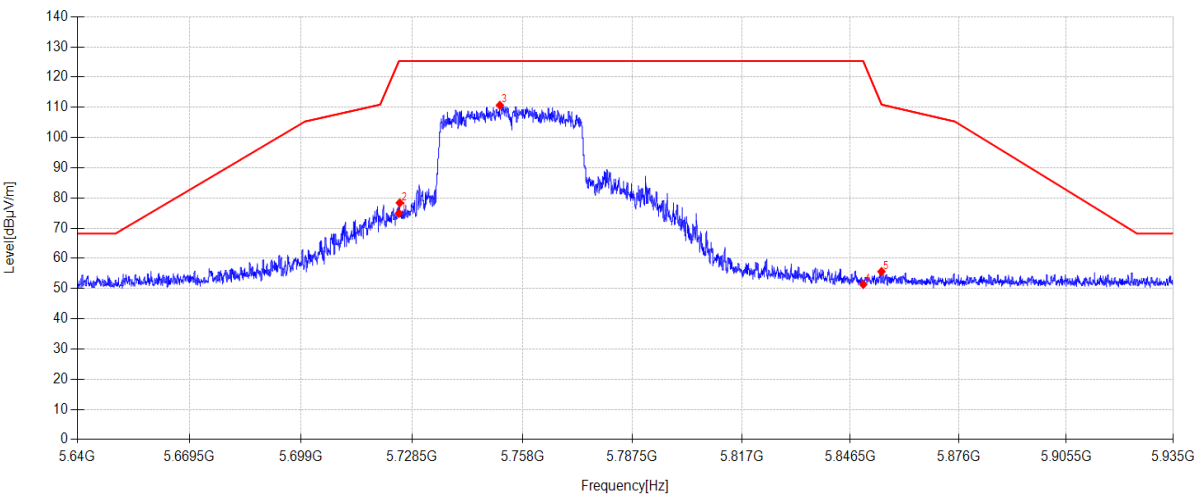
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	65.26	33.75	5.87	-29.99	74.89	125.30	50.41	PK	Horizontal
2	5725.226	68.74	33.75	5.87	-29.99	78.37	125.30	46.93	PK	Horizontal
3	5751.953	100.87	33.91	5.89	-29.98	110.69	125.30	14.61	PK	Horizontal
4	5850.000	41.39	34.00	5.94	-29.97	51.36	125.27	73.91	PK	Horizontal
5	5854.967	45.64	34.01	5.94	-29.97	55.62	111.00	55.38	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:

11AX40 5755 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

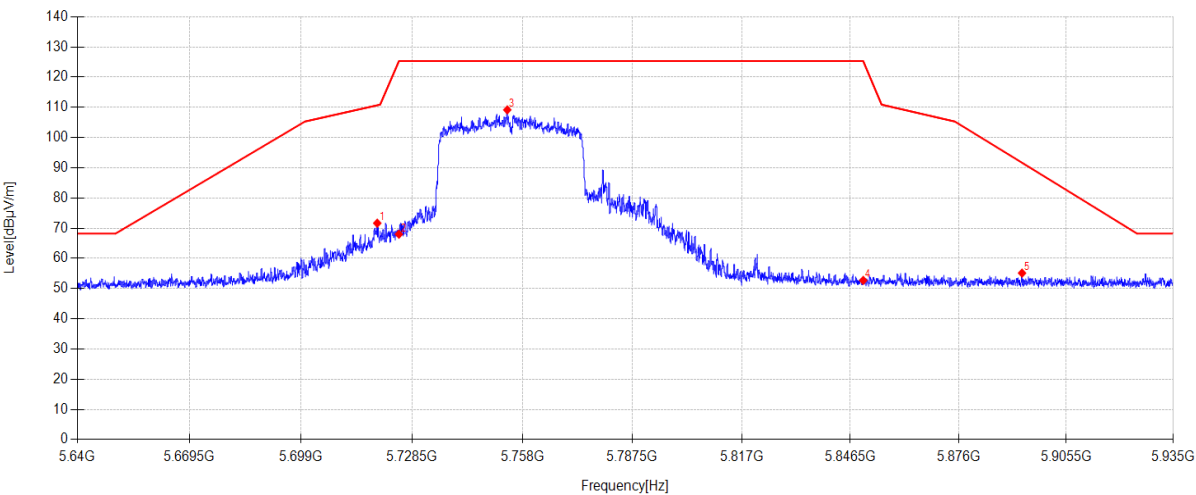
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5719.237	62.05	33.72	5.87	-29.99	71.65	110.69	39.04	PK	Vertical
2	5725.000	58.37	33.75	5.87	-29.99	68.00	125.30	57.30	PK	Vertical
3	5753.929	99.33	33.92	5.89	-29.98	109.16	125.30	16.14	PK	Vertical
4	5850.000	42.73	34.00	5.94	-29.97	52.70	125.27	72.57	PK	Vertical
5	5893.376	45.04	34.09	5.96	-29.96	55.13	91.67	36.54	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:

11AX40 5795 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

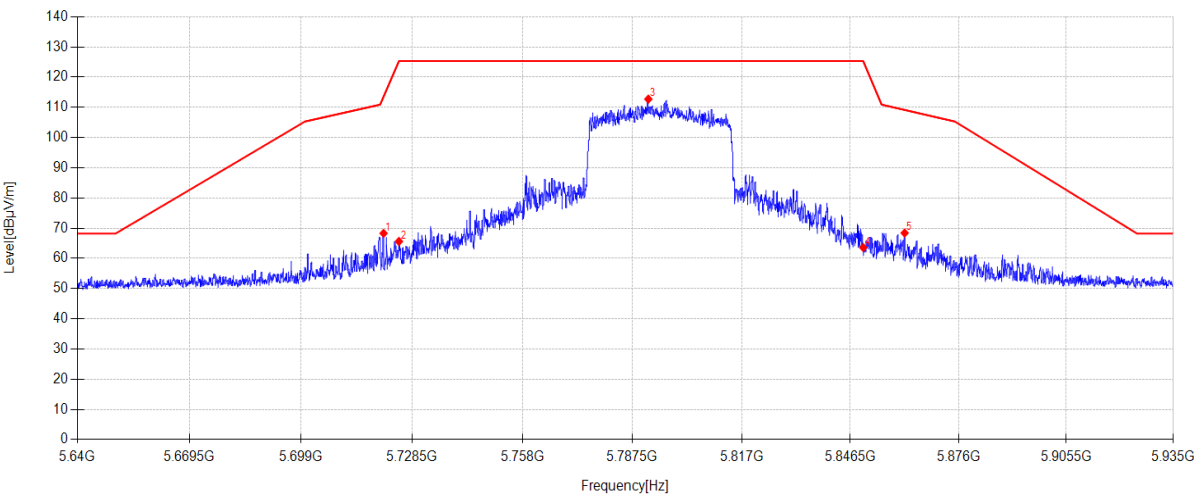
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5720.919	58.67	33.73	5.87	-29.99	68.28	113.55	45.27	PK	Horizontal
2	5725.000	55.98	33.75	5.87	-29.99	65.61	125.30	59.69	PK	Horizontal
3	5791.807	102.65	34.15	5.91	-29.98	112.73	125.30	12.57	PK	Horizontal
4	5850.000	53.62	34.00	5.94	-29.97	63.59	125.27	61.68	PK	Horizontal
5	5861.280	58.41	34.02	5.94	-29.97	68.40	109.14	40.74	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:

11AX40 5795 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

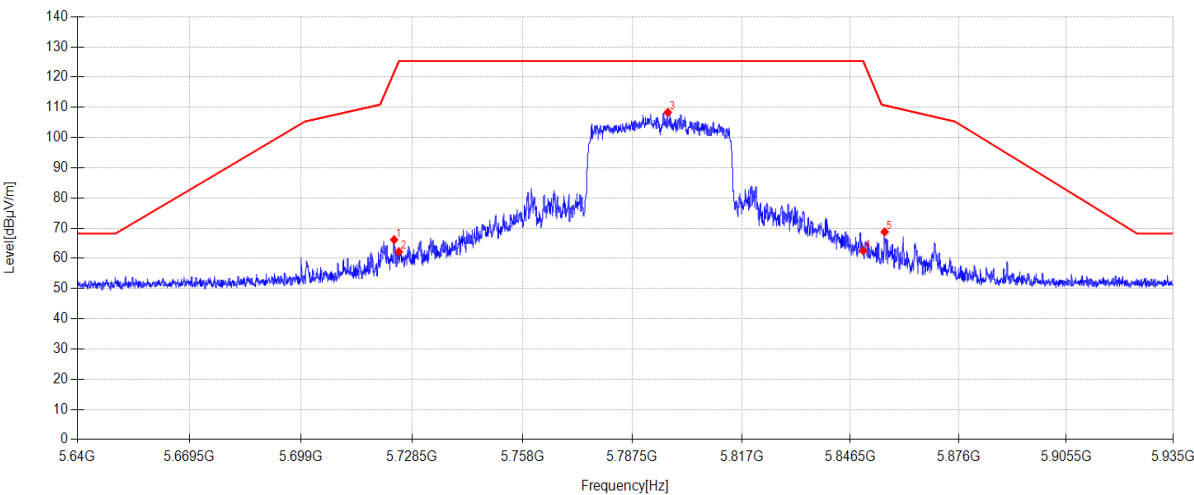
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.721	56.56	33.74	5.87	-29.99	66.18	121.62	55.44	PK	Vertical
2	5725.000	52.56	33.75	5.87	-29.99	62.19	125.30	63.11	PK	Vertical
3	5797.058	98.21	34.18	5.91	-29.98	108.32	125.30	16.98	PK	Vertical
4	5850.000	52.53	34.00	5.94	-29.97	62.50	125.27	62.77	PK	Vertical
5	5855.822	58.77	34.01	5.94	-29.97	68.75	110.67	41.92	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AC80 5775 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

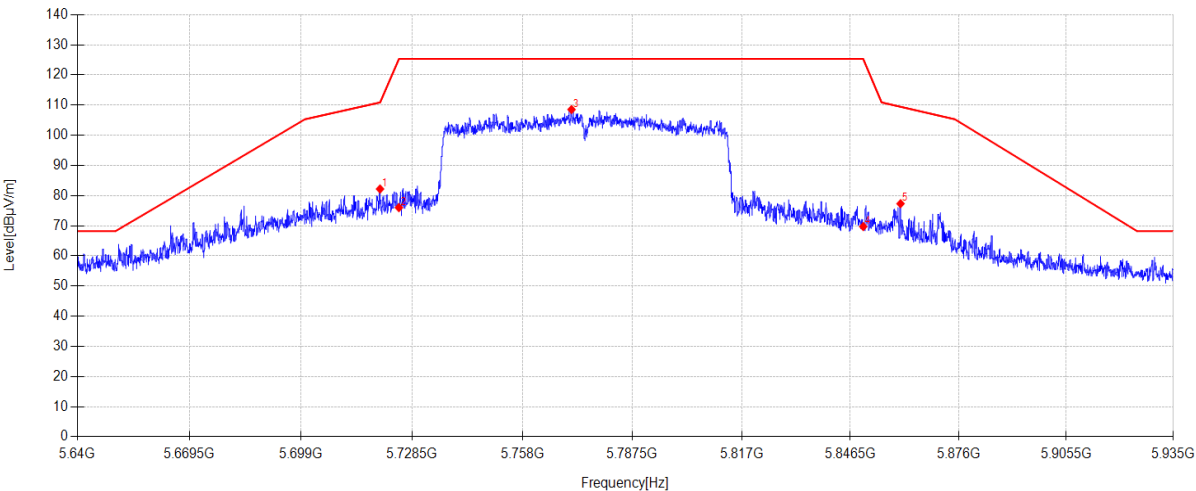
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d:\ts\2024 report data\Q24072915\FCC RE Above 1G 5G MASK\45

Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5719.975	72.58	33.72	5.87	-29.99	82.18	110.89	28.71	PK	Horizontal
2	5725.000	66.38	33.75	5.87	-29.99	76.01	125.30	49.29	PK	Horizontal
3	5771.157	98.59	34.03	5.90	-29.98	108.54	125.30	16.76	PK	Horizontal
4	5850.000	59.76	34.00	5.94	-29.97	69.73	125.27	55.54	PK	Horizontal
5	5860.159	67.33	34.02	5.94	-29.97	77.32	109.46	32.14	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-14

Tested By:

Guoyuan Lin

EUT:

M6s PoE++ Mesh Wi-Fi Router

Model Number:

MEAA0

Test Mode:

11AC80 5775 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

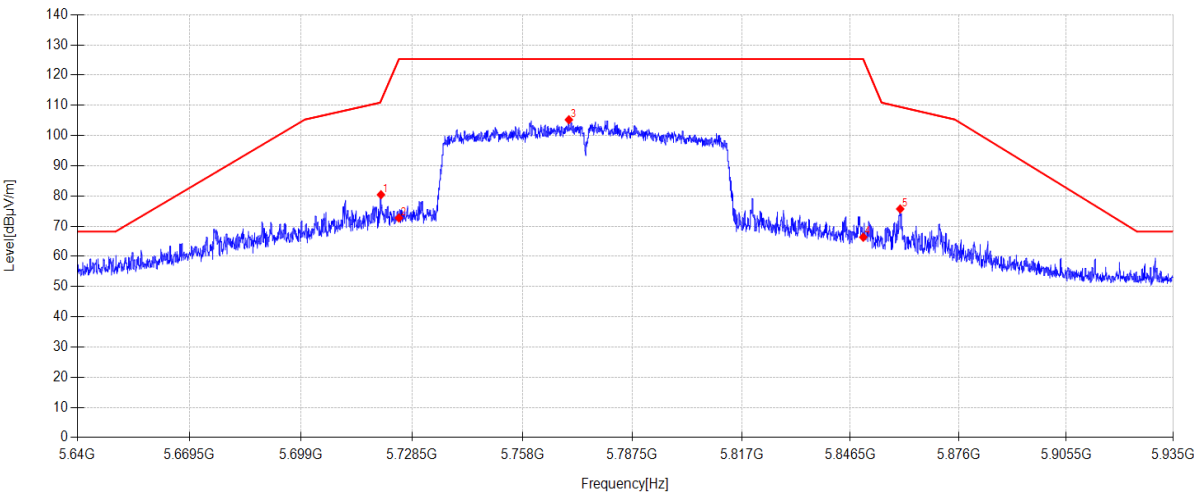
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d:\ts\2024 report data\Q24072915\FCC RE Above 1G 5G MASK\46

Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5720.211	70.81	33.72	5.87	-29.99	80.41	111.51	31.10	PK	Vertical
2	5725.000	63.08	33.75	5.87	-29.99	72.71	125.30	52.59	PK	Vertical
3	5770.449	95.28	34.02	5.90	-29.98	105.22	125.30	20.08	PK	Vertical
4	5850.000	56.36	34.00	5.94	-29.97	66.33	125.27	58.94	PK	Vertical
5	5860.070	65.71	34.02	5.94	-29.97	75.70	109.48	33.78	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:

11AX80 5775 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

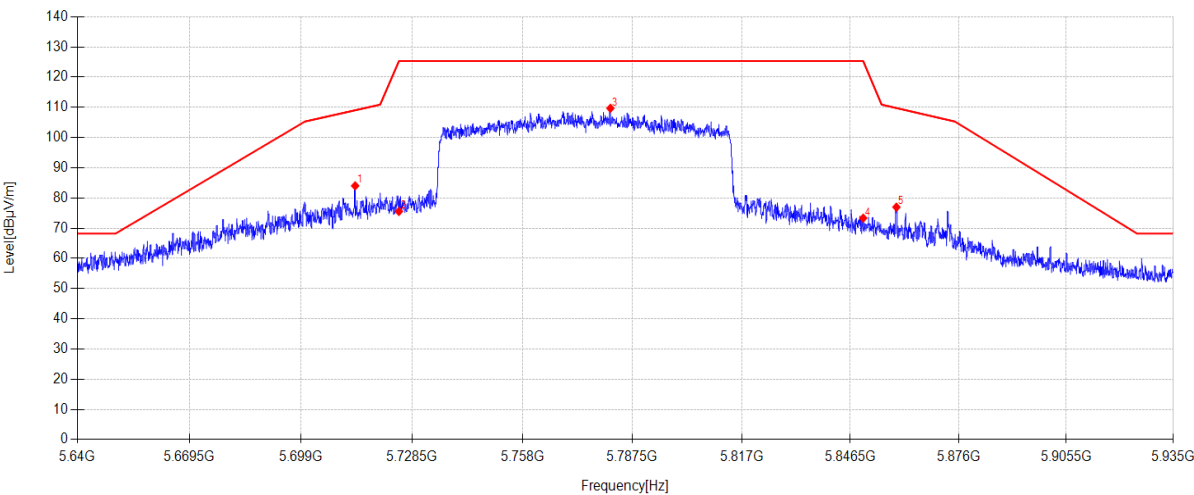
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Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5713.367	74.45	33.68	5.87	-29.99	84.01	109.04	25.03	PK	Horizontal
2	5725.000	65.90	33.75	5.87	-29.99	75.53	125.30	49.77	PK	Horizontal
3	5781.600	99.69	34.09	5.90	-29.98	109.70	125.30	15.60	PK	Horizontal
4	5850.000	63.35	34.00	5.94	-29.97	73.32	125.27	51.95	PK	Horizontal
5	5859.038	66.97	34.02	5.94	-29.97	76.96	109.77	32.81	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:

11AX80 5775 MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.4°C;Humi:65.1%

Test Site:

DDT 3# Chamber

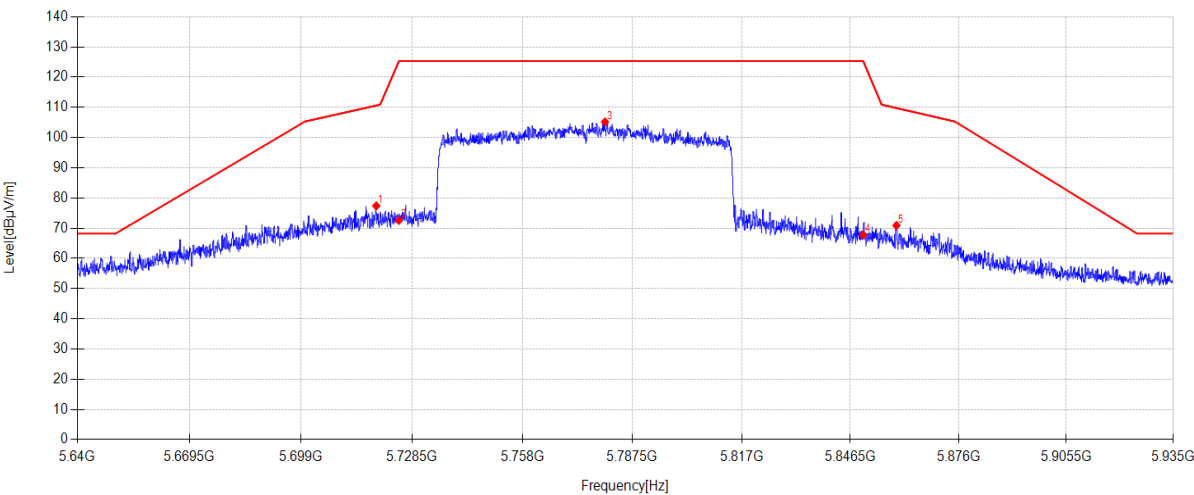
File Path:

d:\ts\2024 report data\Q24072915\FCC RE Above 1G 5G MASK\44

Memo:

Dongle Sample Number:S24072915-001 Power Setting:20

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5718.972	67.77	33.71	5.87	-29.99	77.36	110.61	33.25	PK	Vertical
2	5725.000	62.93	33.75	5.87	-29.99	72.56	125.30	52.74	PK	Vertical
3	5780.155	95.18	34.08	5.90	-29.98	105.18	125.30	20.12	PK	Vertical
4	5850.000	57.78	34.00	5.94	-29.97	67.75	125.27	57.52	PK	Vertical
5	5859.038	60.90	34.02	5.94	-29.97	70.89	109.77	38.88	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.

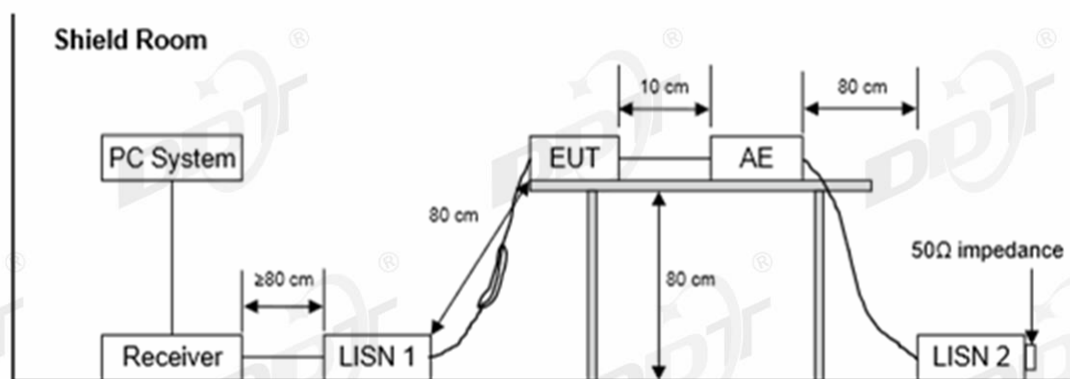
14.Power Line Conducted Emissions

14.1. Test equipment

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

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

14.2. Block diagram of test setup



14.3. Limits

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

Note 1: * Decreasing linearly with logarithm of frequency.

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

14.4. Assistant equipment used for test

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

14.5. Test procedure

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

All support equipment power received from a second LISN.

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

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

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

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

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

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

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

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

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

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

The bandwidth of test receiver is set at 9 kHz.

14.6. Test result

PASS. (See below detailed test result)

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

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

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

14.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 6# Shield Room

Test Date

: 2024-08-07

EUT

: M6s PoE++ Mesh Wi-Fi Router

Power Supply

: AC 120V/60Hz

Condition

: Temp:21.8°C,Humi:51.5%

Memo

: Sample Number:S24072915-002 (Adapter: KA120C-5402000Q)

D:\2024 Report Date\Q24072915-2E\0807 CE.EM6

Tested By

: Genliu

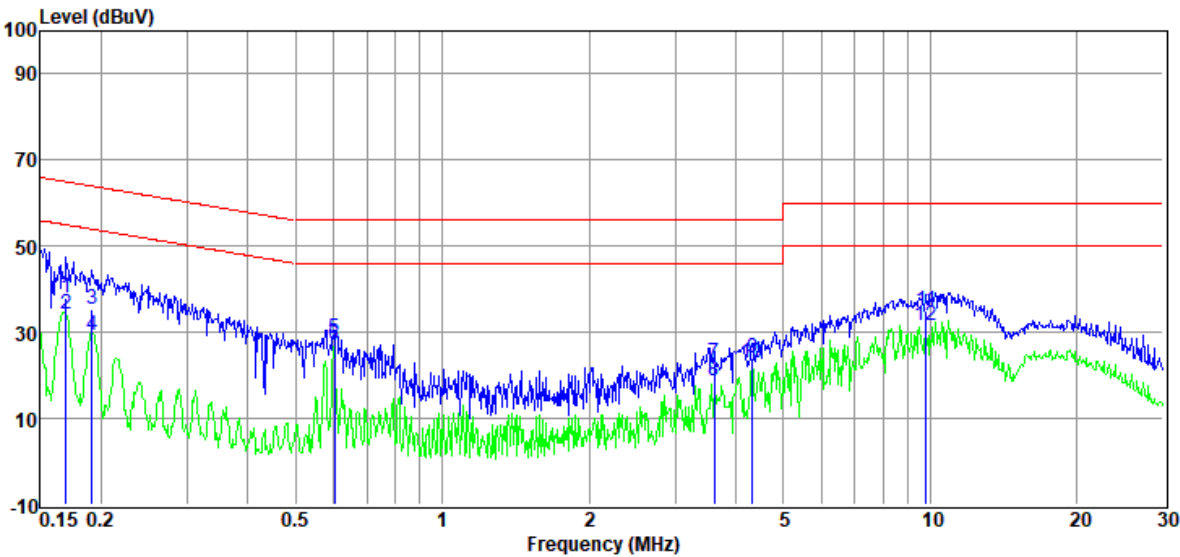
Model Number

: MEAA0

Test Mode

: 5G wifi mode

LISN

: 2023 ENV 216 3#/LINE

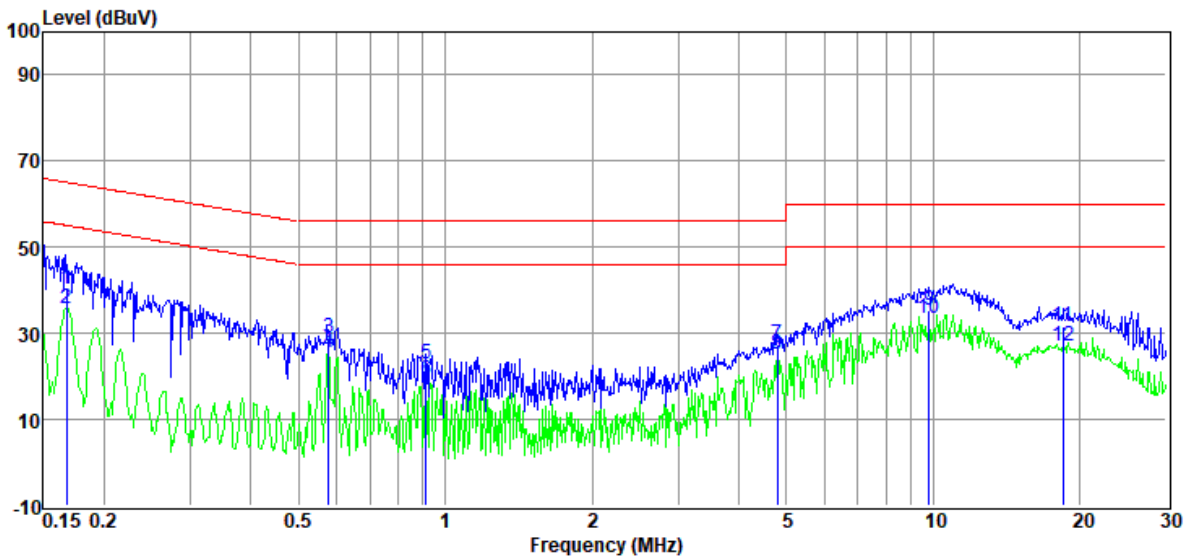
Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.17	18.77	9.52	0.07	9.83	38.19	64.99	-26.80	QP	LINE
2	0.17	14.64	9.52	0.07	9.83	34.06	54.99	-20.93	Average	LINE
3	0.19	15.72	9.77	0.06	9.83	35.38	63.98	-28.60	QP	LINE
4	0.19	9.74	9.77	0.06	9.83	29.40	53.98	-24.58	Average	LINE
5	0.60	8.94	9.73	0.09	9.83	28.59	56.00	-27.41	QP	LINE
6	0.60	7.22	9.73	0.09	9.83	26.87	46.00	-19.13	Average	LINE
7	3.60	3.18	9.71	0.10	9.85	22.84	56.00	-33.16	QP	LINE
8	3.60	-1.11	9.71	0.10	9.85	18.55	46.00	-27.45	Average	LINE
9	4.32	4.22	9.81	0.10	9.85	23.98	56.00	-32.02	QP	LINE
10	4.32	3.14	9.81	0.10	9.85	22.90	46.00	-23.10	Average	LINE
11	9.81	15.49	9.58	0.21	9.88	35.16	60.00	-24.84	QP	LINE
12	9.81	11.98	9.58	0.21	9.88	31.65	50.00	-18.35	Average	LINE

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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room

D:\2024 Report Date\Q24072915-2E\0807 CE.EM6

Test Date : 2024-08-07**Tested By** : Genliu**EUT** : M6s PoE++ Mesh Wi-Fi Router**Model Number** : MEAA0**Power Supply** : AC 120V/60Hz**Test Mode** : 5G wifi mode**Condition** : Temp:21.8°C,Humi:51.5%**LISN** : 2023 ENV 216 3#/NEUTRAL**Memo** : Sample Number:S24072915-002 (Adapter: KA120C-5402000Q)

Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.17	20.45	9.77	0.07	9.83	40.12	65.08	-24.96	QP	NEUTRAL
2	0.17	16.12	9.77	0.07	9.83	35.79	55.08	-19.29	Average	NEUTRAL
3	0.58	9.18	9.76	0.09	9.83	28.86	56.00	-27.14	QP	NEUTRAL
4	0.58	5.93	9.76	0.09	9.83	25.61	46.00	-20.39	Average	NEUTRAL
5	0.91	2.96	10.01	0.09	9.84	22.90	56.00	-33.10	QP	NEUTRAL
6	0.91	-0.83	10.01	0.09	9.84	19.11	46.00	-26.89	Average	NEUTRAL
7	4.80	7.73	9.90	0.10	9.85	27.58	56.00	-28.42	QP	NEUTRAL
8	4.80	5.37	9.90	0.10	9.85	25.22	46.00	-20.78	Average	NEUTRAL
9	9.81	15.49	9.62	0.21	9.88	35.20	60.00	-24.80	QP	NEUTRAL
10	9.81	13.78	9.62	0.21	9.88	33.49	50.00	-16.51	Average	NEUTRAL
11	18.43	11.44	9.94	0.25	9.93	31.56	60.00	-28.44	QP	NEUTRAL
12	18.43	6.96	9.94	0.25	9.93	27.08	50.00	-22.92	Average	NEUTRAL

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

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

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

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

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 1# Shield Room

Test Date

: 2024-09-20

EUT

: M6s PoE++ Mesh Wi-Fi Router

Power Supply

: AC 120V/60Hz

Condition

: TEMP:21.5°C, RH:53.6%

Memo

: Sample Number:S24072915-002 (Adapter: KA4801A-2402000US)

D:\2024 CE report data\Q24072915-2E\FCC-CE.EM6

Tested By

: Gen Liu

Model Number

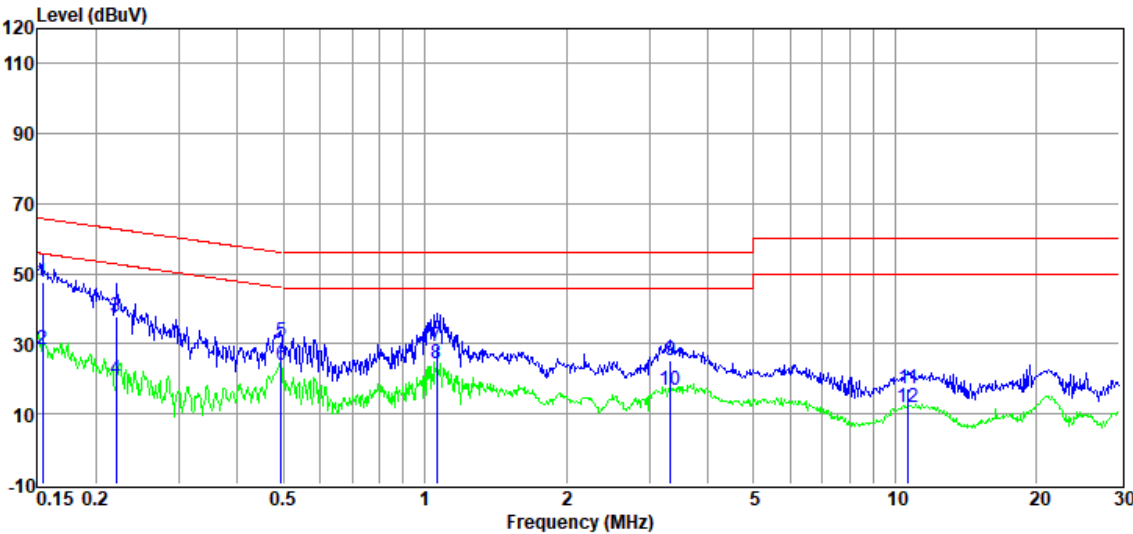
: MEAA0

Test Mode

: 5GWIFI mode

LISN

: 2023 1# ENV216/NEUTRAL



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	27.38	9.84	0.92	9.68	47.82	65.78	-17.96	QP	NEUTRAL
2	0.15	8.12	9.84	0.92	9.68	28.56	55.78	-27.22	Average	NEUTRAL
3	0.22	17.58	9.73	0.90	9.69	37.90	62.79	-24.89	QP	NEUTRAL
4	0.22	-0.17	9.73	0.90	9.69	20.15	52.79	-32.64	Average	NEUTRAL
5	0.49	10.31	9.80	0.86	9.71	30.68	56.10	-25.42	QP	NEUTRAL
6	0.49	3.76	9.80	0.86	9.71	24.13	46.10	-21.97	Average	NEUTRAL
7	1.06	9.14	9.74	0.67	9.73	29.28	56.00	-26.72	QP	NEUTRAL
8	1.06	4.04	9.74	0.67	9.73	24.18	46.00	-21.82	Average	NEUTRAL
9	3.33	5.25	9.72	0.58	9.78	25.33	56.00	-30.67	QP	NEUTRAL
10	3.33	-3.43	9.72	0.58	9.78	16.65	46.00	-29.35	Average	NEUTRAL
11	10.68	-2.41	9.78	0.18	9.83	17.38	60.00	-42.62	QP	NEUTRAL
12	10.68	-8.01	9.78	0.18	9.83	11.78	50.00	-38.22	Average	NEUTRAL

Note:

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

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 1# Shield Room

Test Date

: 2024-09-20

EUT

: M6s PoE++ Mesh Wi-Fi Router

Power Supply

: AC 120V/60Hz

Condition

: TEMP:21.5°C, RH:53.6%

Memo

: Sample Number:S24072915-002 (Adapter: KA4801A-2402000US)

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Tested By

: Gen Liu

Model Number

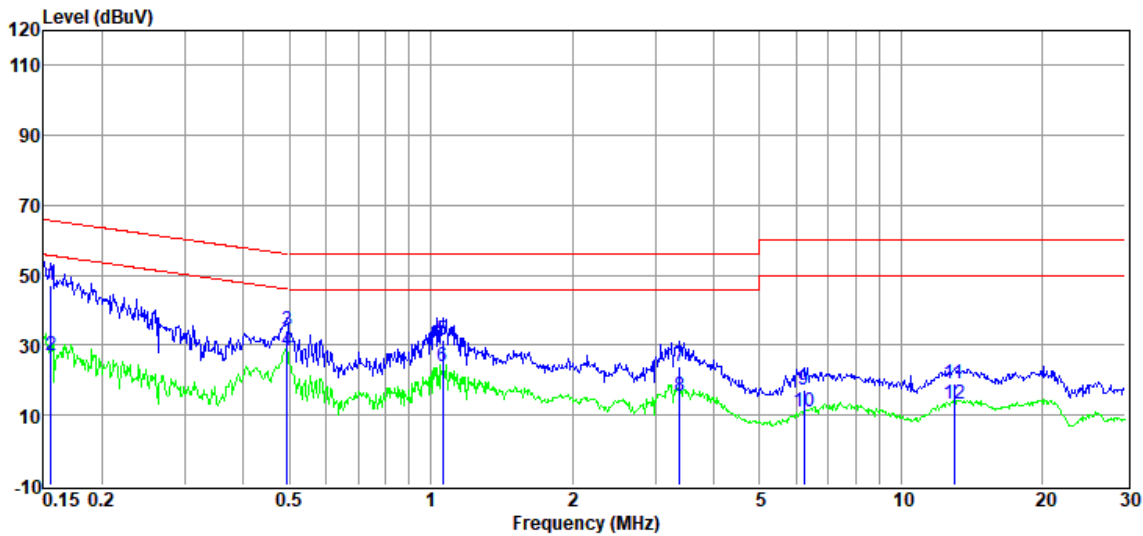
: MEAA0

Test Mode

: 5GWIFI mode

LISN

: 2023 1# ENV216/LINE



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.16	26.87	9.82	0.92	9.68	47.29	65.69	-18.40	QP	LINE
2	0.16	6.65	9.82	0.92	9.68	27.07	55.69	-28.62	Average	LINE
3	0.49	13.88	9.82	0.86	9.71	34.27	56.10	-21.83	QP	LINE
4	0.49	8.03	9.82	0.86	9.71	28.42	46.10	-17.68	Average	LINE
5	1.06	11.55	9.65	0.67	9.73	31.60	56.00	-24.40	QP	LINE
6	1.06	3.77	9.65	0.67	9.73	23.82	46.00	-22.18	Average	LINE
7	3.38	4.08	9.64	0.58	9.78	24.08	56.00	-31.92	QP	LINE
8	3.38	-4.40	9.64	0.58	9.78	15.60	46.00	-30.40	Average	LINE
9	6.22	-2.65	9.69	0.47	9.80	17.31	60.00	-42.69	QP	LINE
10	6.22	-8.91	9.69	0.47	9.80	11.05	50.00	-38.95	Average	LINE
11	12.99	-1.01	9.79	0.23	9.86	18.87	60.00	-41.13	QP	LINE
12	12.99	-6.73	9.79	0.23	9.86	13.15	50.00	-36.85	Average	LINE

Note:

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

16. Photos of the EUT

Please refer to DDT-Q24072915-1E appendix I

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