

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-14

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11N40 5510MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

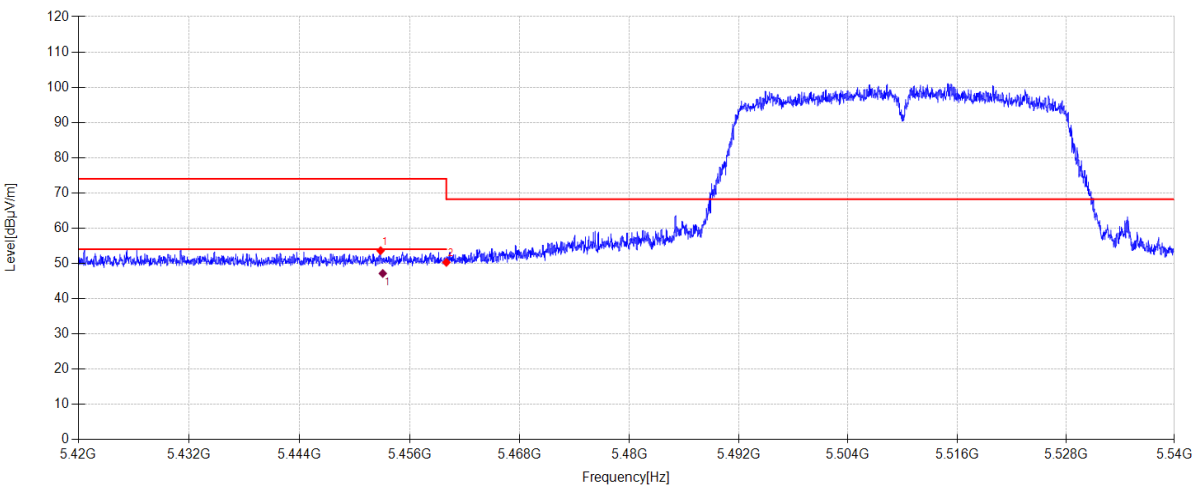
File Path:

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Memo:

Sample Numbel:S25011610-004

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5452.832	44.74	33.00	5.48	-29.60	53.62	74.00	20.38	PK	Horizontal
2	5460.000	41.41	33.00	5.48	-29.60	50.29	68.20	17.91	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5453.071	38.26	33.00	5.48	47.14	54	6.86	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-14

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11N40 5670MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

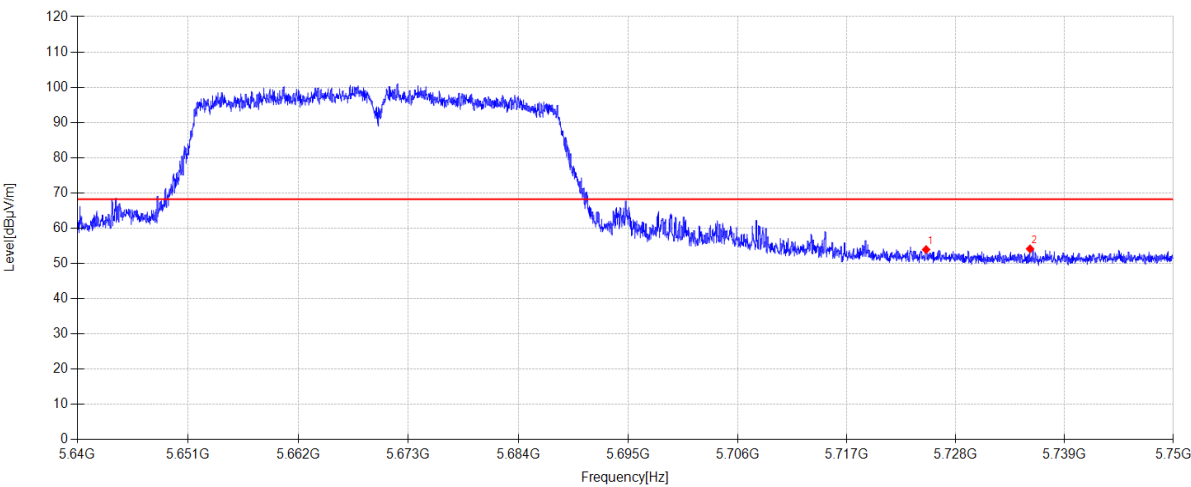
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Memo:

Sample Numbler:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	44.11	33.75	5.66	-29.60	53.92	68.20	14.28	PK	Horizontal
2	5735.502	44.24	33.81	5.67	-29.60	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:

2025-03-14

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC20 5180MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

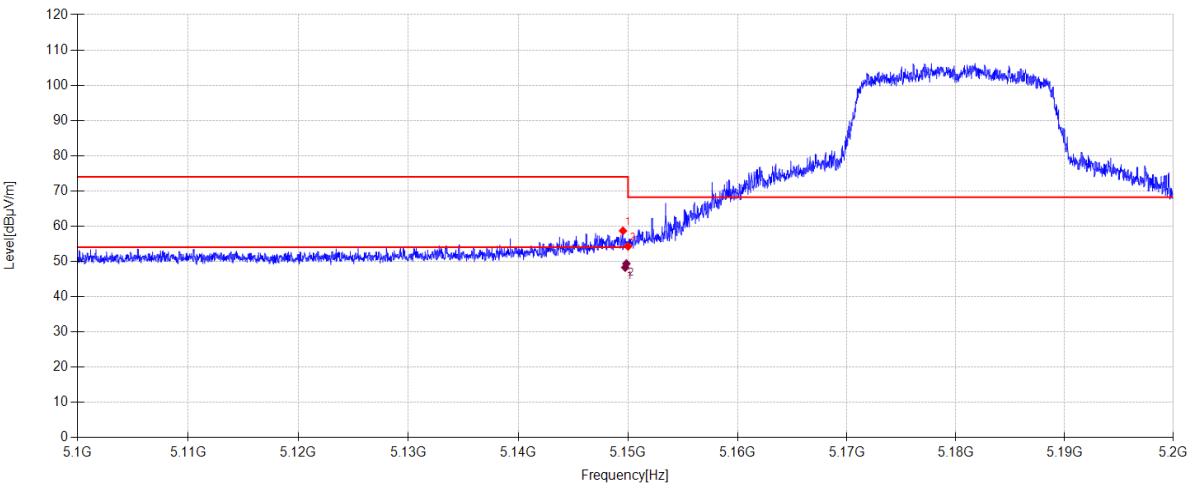
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Memo:

Sample Numbler:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5149.540	49.59	33.40	5.28	-29.60	58.67	74.00	15.33	PK	Horizontal
2	5150.000	45.18	33.40	5.28	-29.60	54.26	68.20	13.94	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5149.747	39.18	33.40	5.28	48.26	54	5.74	AV	Horizontal	
2	5149.853	40.29	33.40	5.28	49.37	54	4.63	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-14

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC20 5320MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

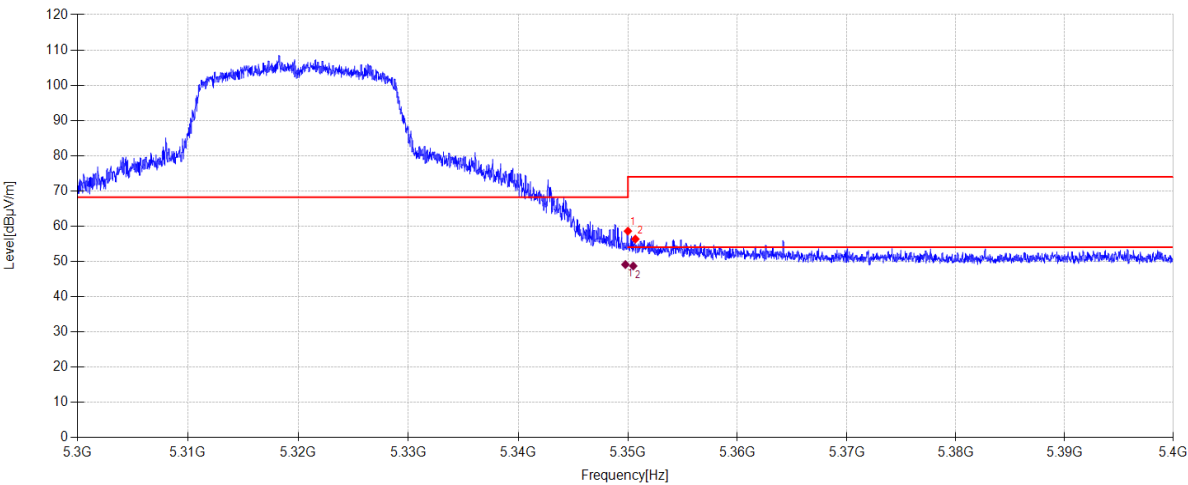
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Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	49.69	33.10	5.41	-29.60	58.60	68.20	9.60	PK	Horizontal
2	5350.680	47.42	33.10	5.41	-29.60	56.33	74.00	17.67	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5349.771	40.20	33.10	5.41	49.11	54	4.89	AV	Horizontal	
2	5350.488	39.78	33.10	5.41	48.69	54	5.31	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-14

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC20 5500MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

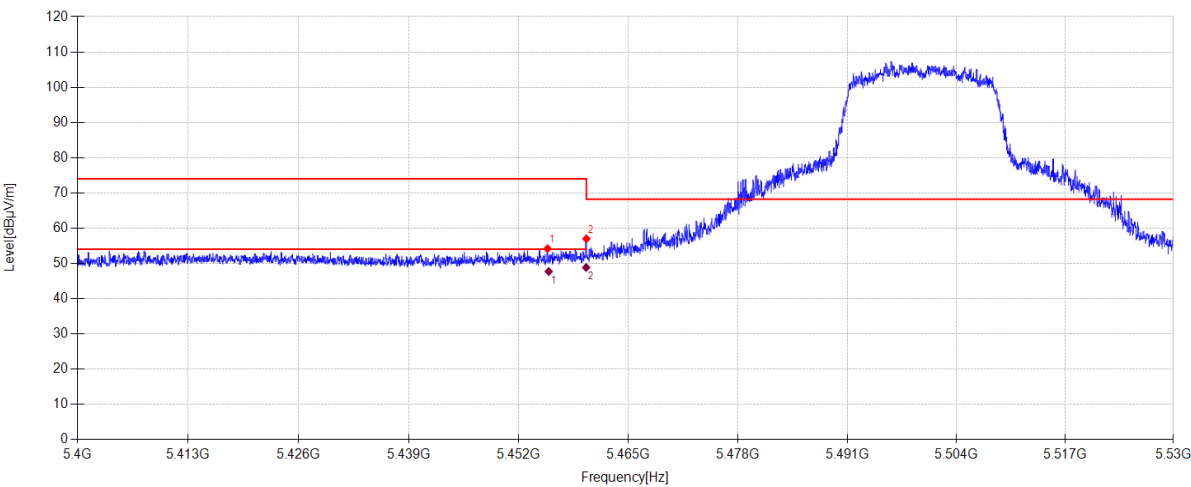
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Memo:

Sample Numbler:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5455.393	45.31	33.00	5.48	-29.60	54.19	74.00	19.81	PK	Horizontal
2	5460.000	48.12	33.00	5.48	-29.60	57.00	68.20	11.20	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5455.533	38.83	33.00	5.48	47.71	54	6.29	AV	Horizontal	
2	5459.964	39.96	33.00	5.48	48.84	54	5.16	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-14

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC20 5700MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

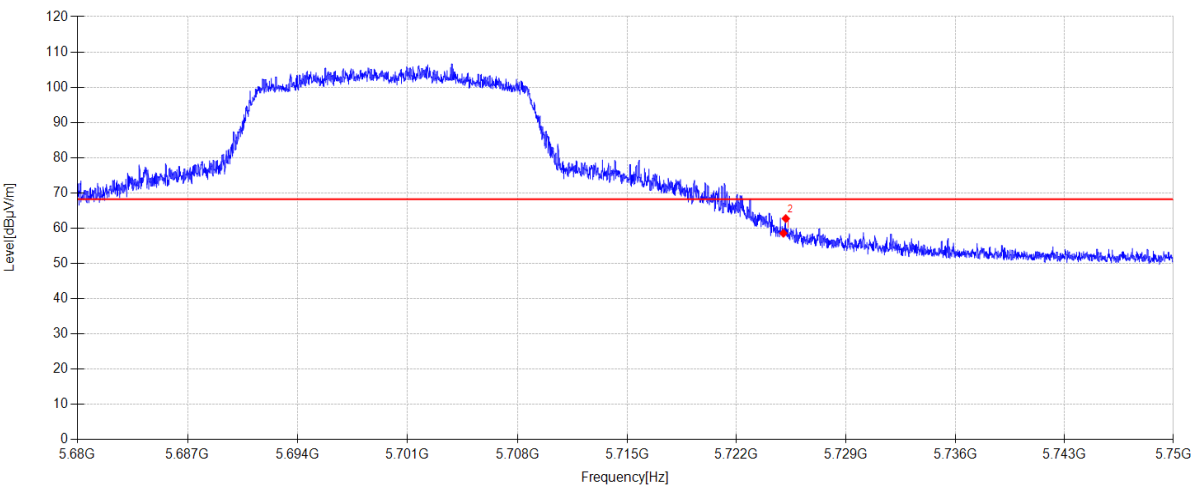
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Memo:

Sample Numbel:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	48.73	33.75	5.66	-29.60	58.54	68.20	9.66	PK	Horizontal
2	5725.150	52.91	33.75	5.66	-29.60	62.72	68.20	5.48	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-14

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC40 5190MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

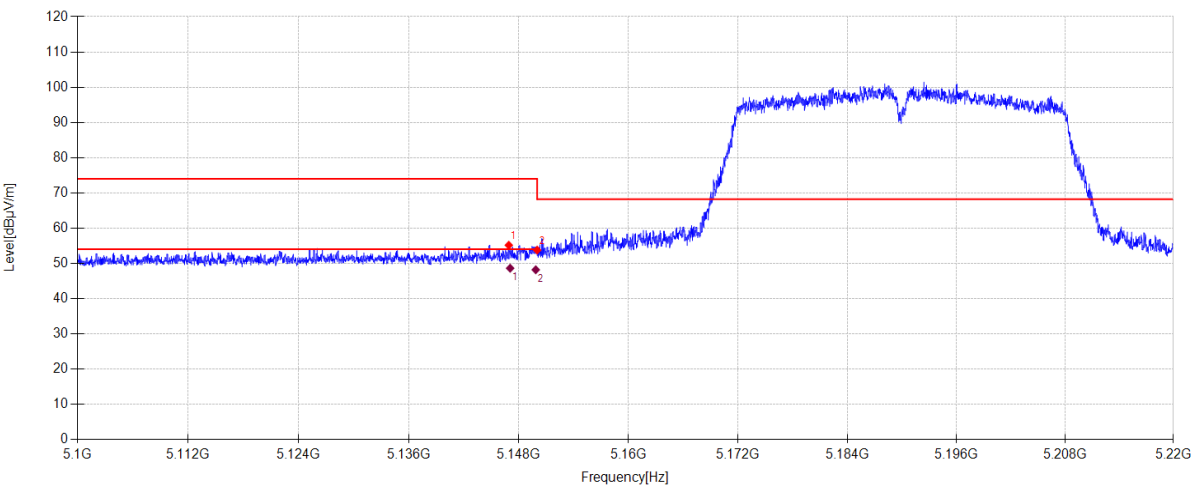
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Memo:

Sample Numbler:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5146.908	46.09	33.40	5.28	-29.60	55.17	74.00	18.83	PK	Horizontal
2	5150.000	44.70	33.40	5.28	-29.60	53.78	68.20	14.42	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5147.052	39.55	33.40	5.28	48.63	54	5.37	AV	Horizontal	
2	5149.851	39.11	33.40	5.28	48.19	54	5.81	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-14

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC40 5310MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

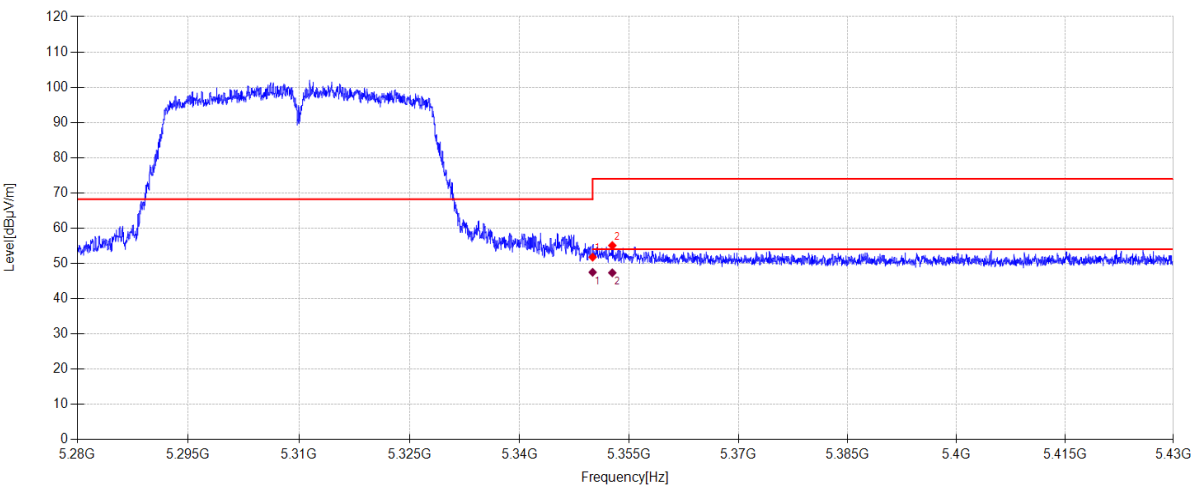
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Memo:

Sample Numbre:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	42.86	33.10	5.41	-29.60	51.77	68.20	16.43	PK	Horizontal
2	5352.690	46.16	33.10	5.41	-29.60	55.07	74.00	18.93	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.56	33.10	5.41	47.47	54	6.53	AV	Horizontal	
2	5352.690	38.42	33.10	5.41	47.33	54	6.67	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-14

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC40 5510MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

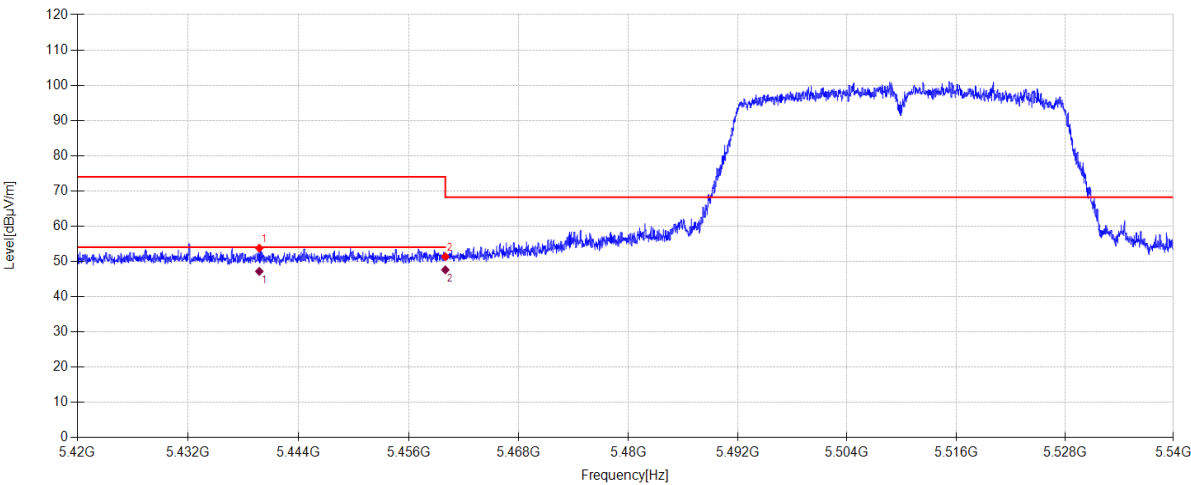
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Memo:

Sample Numbler:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5439.740	44.87	33.02	5.47	-29.60	53.76	74.00	20.24	PK	Horizontal
2	5460.000	42.47	33.00	5.48	-29.60	51.35	68.20	16.85	PK	Horizontal

Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]		Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5439.740	38.29	33.02	5.47		47.18	54	6.82	AV	Horizontal
2	5460.000	38.72	33.00	5.48		47.60	54	6.40	AV	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-14

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC40 5670MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

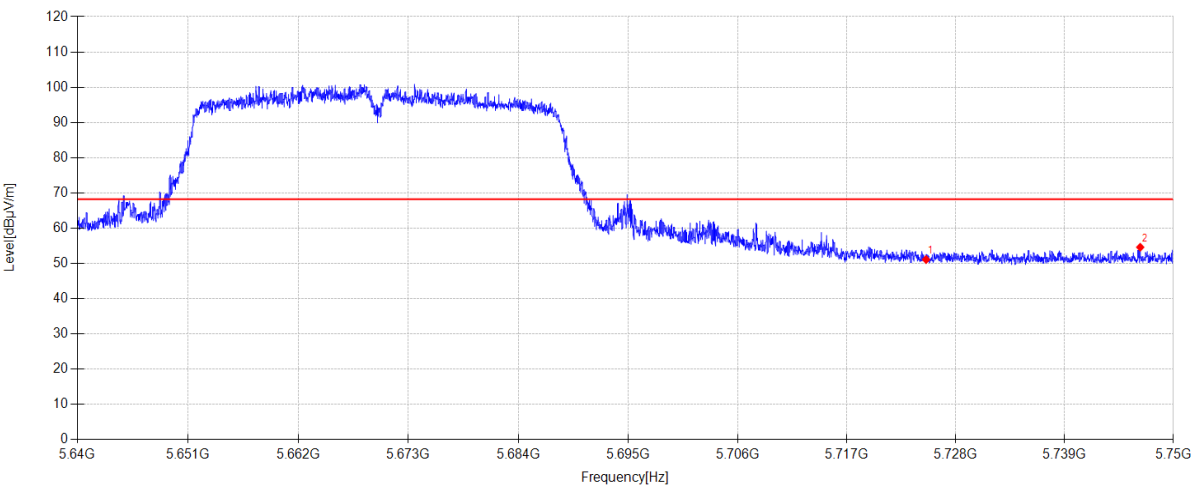
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Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	41.29	33.75	5.66	-29.60	51.10	68.20	17.10	PK	Horizontal
2	5746.645	44.64	33.88	5.67	-29.60	54.59	68.20	13.61	PK	Horizontal

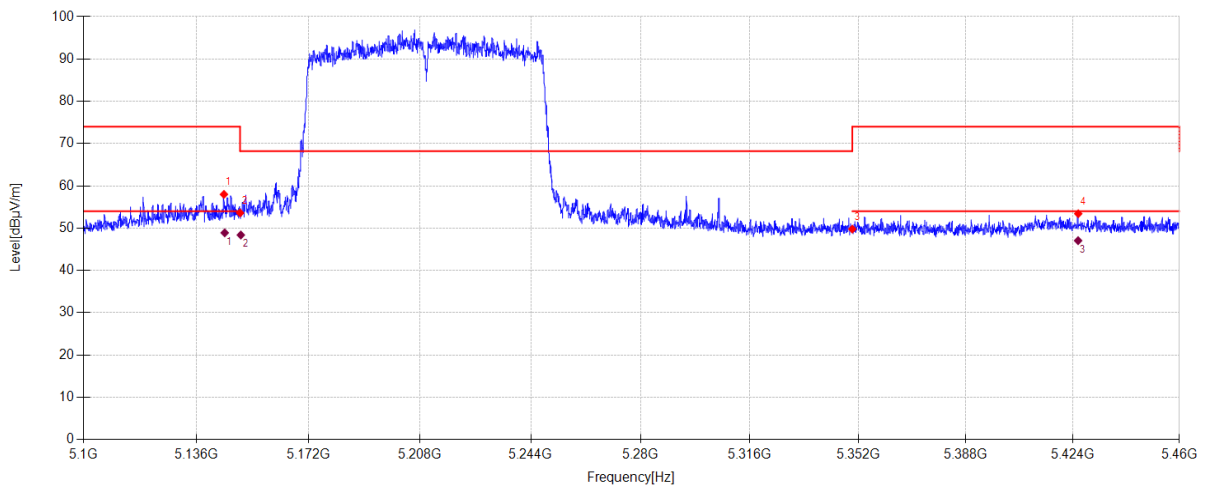
Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-03-14 **Tested By:** Lin Guoyaun
EUT: Projector **Model Number:** WK03K
Test Mode: MIMO TX 11AC80 5210MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.3°C;Humi:47.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5G\43
Memo: Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5144.820	48.91	33.40	5.28	-29.60	57.99	74.00	16.01	PK	Horizontal
2	5150.000	44.51	33.40	5.28	-29.60	53.59	68.20	14.61	PK	Horizontal
3	5350.000	40.87	33.10	5.41	-29.60	49.78	68.20	18.42	PK	Horizontal
4	5425.764	44.51	33.05	5.46	-29.60	53.42	74.00	20.58	PK	Horizontal

Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5145.060	39.82	33.40	5.28	48.90	54	5.10	AV	Horizontal
2	5150.223	39.30	33.40	5.28	48.38	54	5.62	AV	Horizontal
3	5425.706	38.14	33.05	5.46	47.05	54	6.95	AV	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC80 5290MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

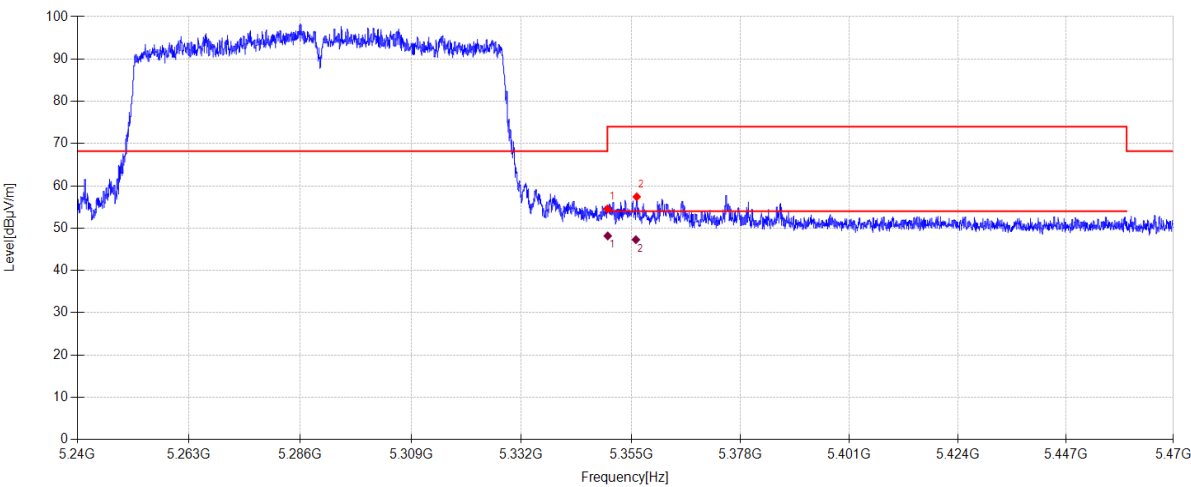
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Memo:

Sample Numbel:S25011610-004

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	45.62	33.10	5.41	-29.60	54.53	68.20	13.67	PK	Horizontal
2	5356.150	48.50	33.10	5.42	-29.60	57.42	74.00	16.58	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.071	39.26	33.10	5.41	48.17	54	5.83	AV	Horizontal	
2	5355.977	38.36	33.10	5.42	47.28	54	6.72	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC80 5530MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

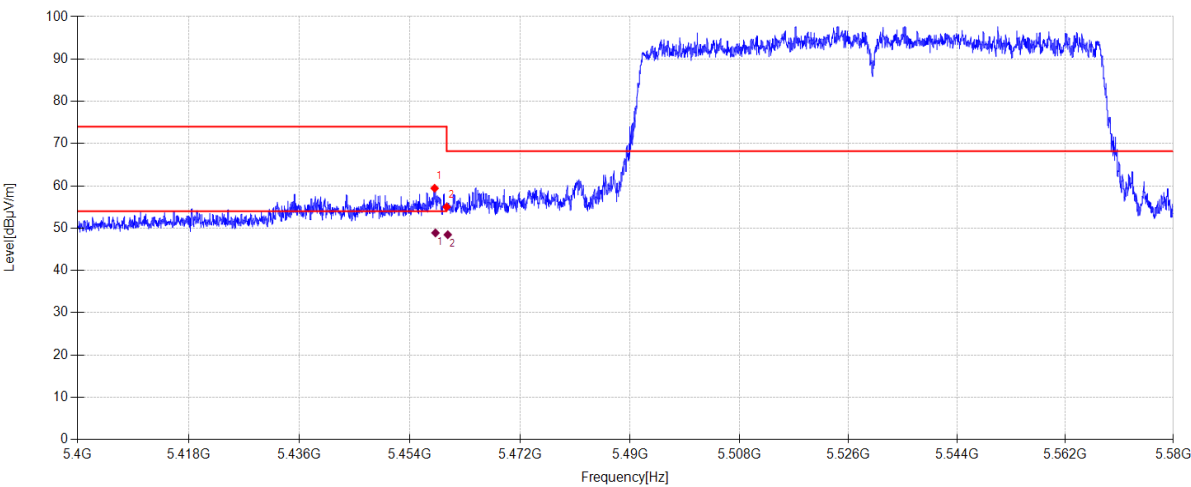
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Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.032	50.55	33.00	5.48	-29.60	59.43	74.00	14.57	PK	Horizontal
2	5460.000	46.13	33.00	5.48	-29.60	55.01	68.20	13.19	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5458.163	40.00	33.00	5.48	48.88	54	5.12	AV	Horizontal	
2	5460.177	39.57	33.00	5.48	48.45	54	5.55	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC80 5610MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

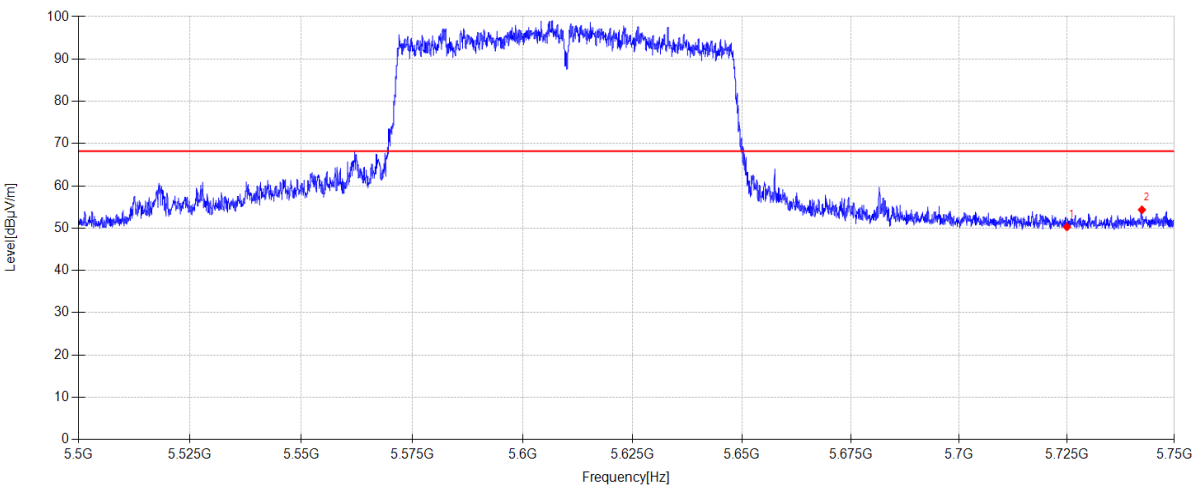
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Memo:

Sample Numbler:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	40.48	33.75	5.66	-29.60	50.29	68.20	17.91	PK	Horizontal
2	5742.450	44.42	33.85	5.67	-29.60	54.34	68.20	13.86	PK	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC80 5775MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

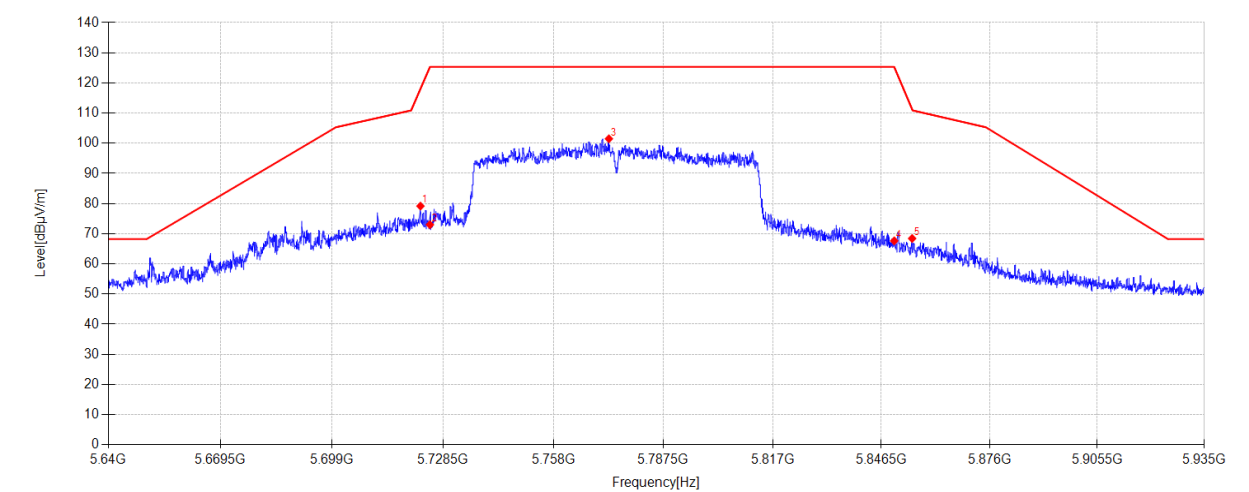
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d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5.8G\1

Memo:

Sample Numbler:S25011610-004

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.482	69.38	33.73	5.66	-29.60	79.17	118.05	38.88	PK	Horizontal
2	5725.000	63.19	33.75	5.66	-29.60	73.00	125.30	52.30	PK	Horizontal
3	5772.868	91.36	34.04	5.69	-29.60	101.49	125.30	23.81	PK	Horizontal
4	5850.000	57.50	34.00	5.74	-29.60	67.64	125.30	57.66	PK	Horizontal
5	5854.878	58.28	34.01	5.74	-29.60	68.43	111.25	42.82	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:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC40 5755MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

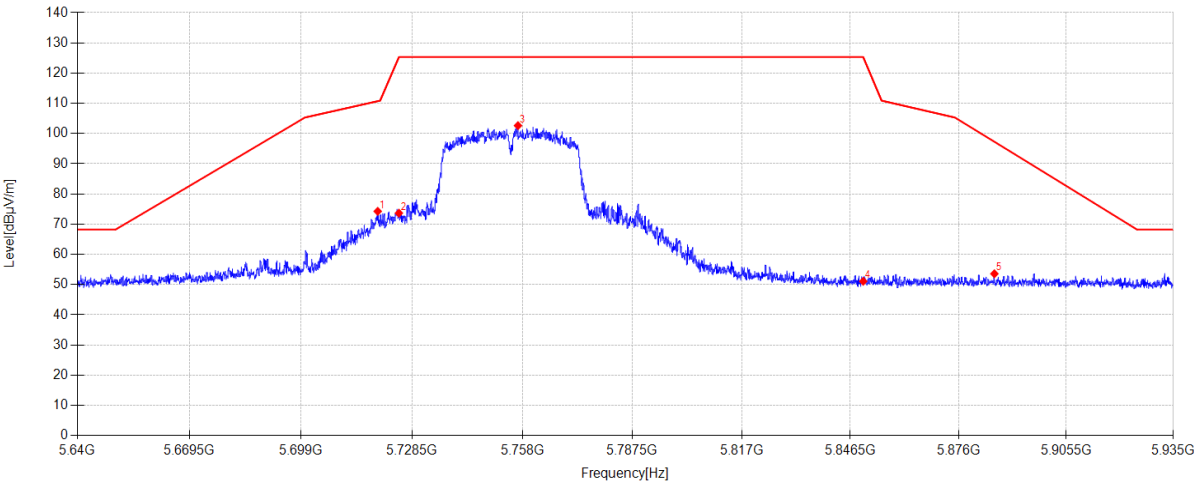
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Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5719.355	64.47	33.72	5.65	-29.60	74.24	110.72	36.48	PK	Horizontal
2	5725.000	63.85	33.75	5.66	-29.60	73.66	125.30	51.64	PK	Horizontal
3	5756.791	92.60	33.94	5.68	-29.60	102.62	125.30	22.68	PK	Horizontal
4	5850.000	40.94	34.00	5.74	-29.60	51.08	125.30	74.22	PK	Horizontal
5	5885.794	43.35	34.07	5.76	-29.60	53.58	97.29	43.71	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC40 5795MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

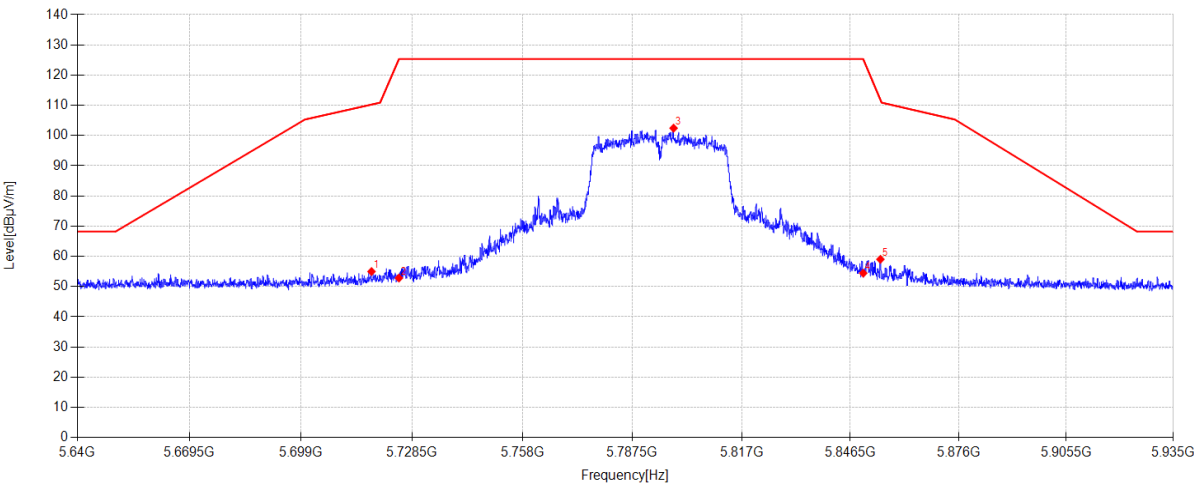
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d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5.8G\3

Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5717.703	45.21	33.71	5.65	-29.60	54.97	110.26	55.29	PK	Horizontal
2	5725.000	43.02	33.75	5.66	-29.60	52.83	125.30	72.47	PK	Horizontal
3	5798.622	92.14	34.19	5.71	-29.60	102.44	125.30	22.86	PK	Horizontal
4	5850.000	44.30	34.00	5.74	-29.60	54.44	125.30	70.86	PK	Horizontal
5	5854.672	48.87	34.01	5.74	-29.60	59.02	111.85	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:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC20 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

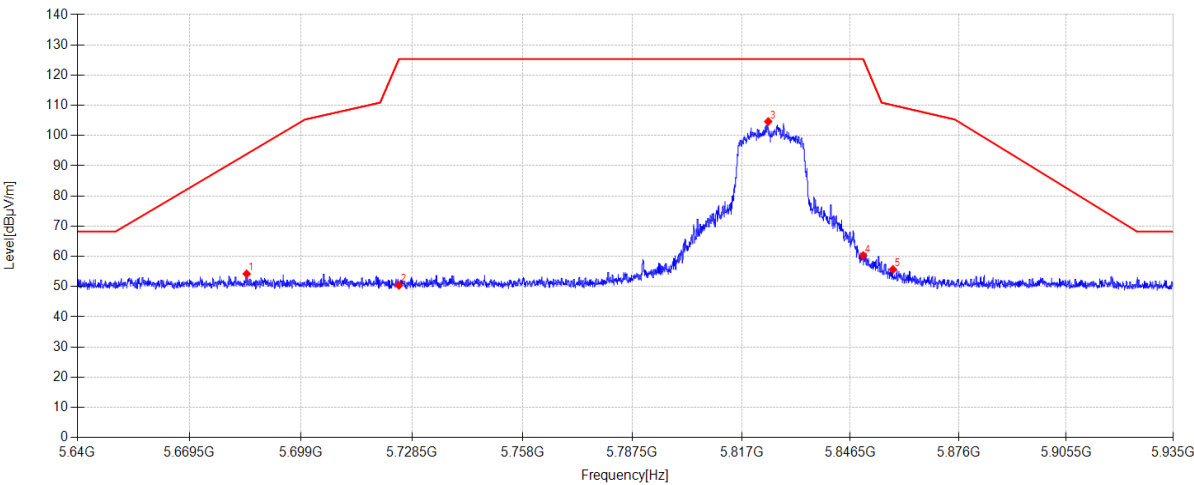
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Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5684.604	44.64	33.54	5.63	-29.60	54.21	93.88	39.67	PK	Horizontal
2	5725.000	40.60	33.75	5.66	-29.60	50.41	125.30	74.89	PK	Horizontal
3	5824.198	94.42	34.10	5.72	-29.60	104.64	125.30	20.66	PK	Horizontal
4	5850.000	50.14	34.00	5.74	-29.60	60.28	125.30	65.02	PK	Horizontal
5	5858.094	45.50	34.02	5.75	-29.60	55.67	110.03	54.36	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC20 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

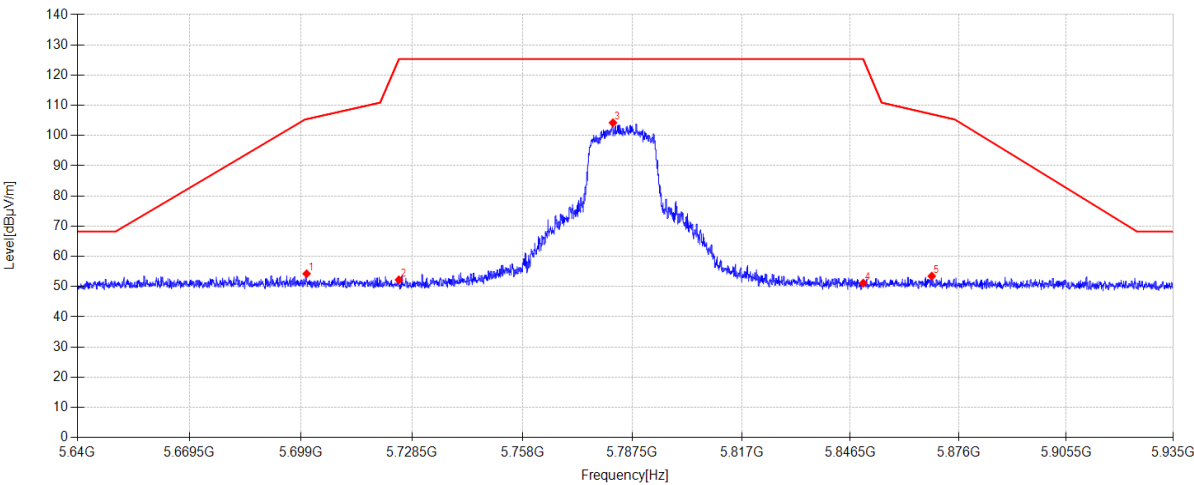
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Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5700.475	44.61	33.60	5.64	-29.60	54.25	105.43	51.18	PK	Horizontal
2	5725.000	42.42	33.75	5.66	-29.60	52.23	125.30	73.07	PK	Horizontal
3	5782.279	94.06	34.09	5.70	-29.60	104.25	125.30	21.05	PK	Horizontal
4	5850.000	41.01	34.00	5.74	-29.60	51.15	125.30	74.15	PK	Horizontal
5	5868.684	43.26	34.04	5.75	-29.60	53.45	107.07	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:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC20 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

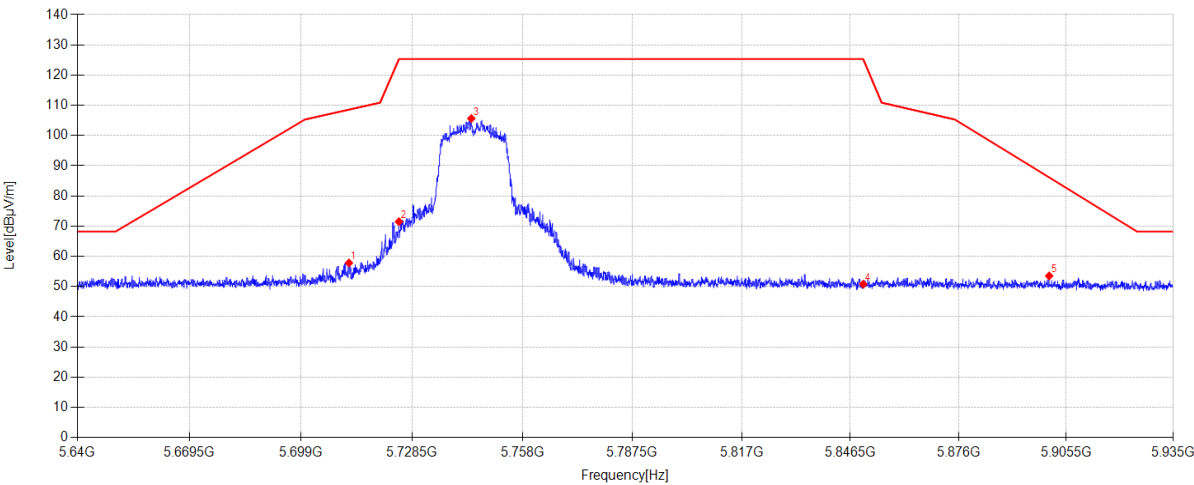
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Memo:

Sample Numbel:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5711.715	48.10	33.67	5.65	-29.60	57.82	108.58	50.76	PK	Horizontal
2	5725.000	61.68	33.75	5.66	-29.60	71.49	125.30	53.81	PK	Horizontal
3	5744.312	95.70	33.87	5.67	-29.60	105.64	125.30	19.66	PK	Horizontal
4	5850.000	40.64	34.00	5.74	-29.60	50.78	125.30	74.52	PK	Horizontal
5	5900.810	43.26	34.10	5.77	-29.60	53.53	86.15	32.62	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:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11N40 5755MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

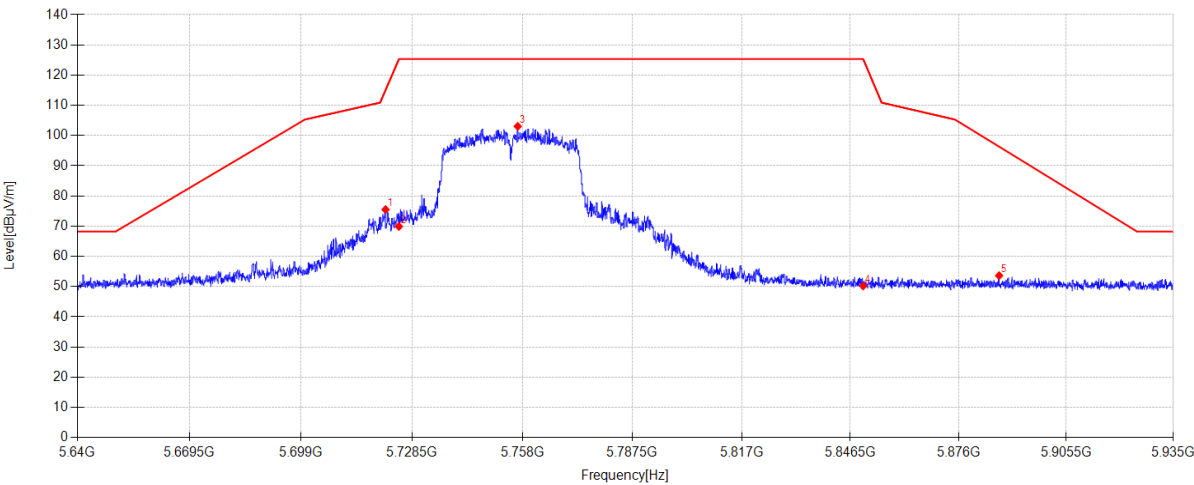
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Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5721.450	65.71	33.73	5.66	-29.60	75.50	115.07	39.57	PK	Horizontal
2	5725.000	60.09	33.75	5.66	-29.60	69.90	125.30	55.40	PK	Horizontal
3	5756.732	93.02	33.94	5.68	-29.60	103.04	125.30	22.26	PK	Horizontal
4	5850.000	40.09	34.00	5.74	-29.60	50.23	125.30	75.07	PK	Horizontal
5	5887.092	43.38	34.07	5.77	-29.60	53.62	96.33	42.71	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11N40 5795MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

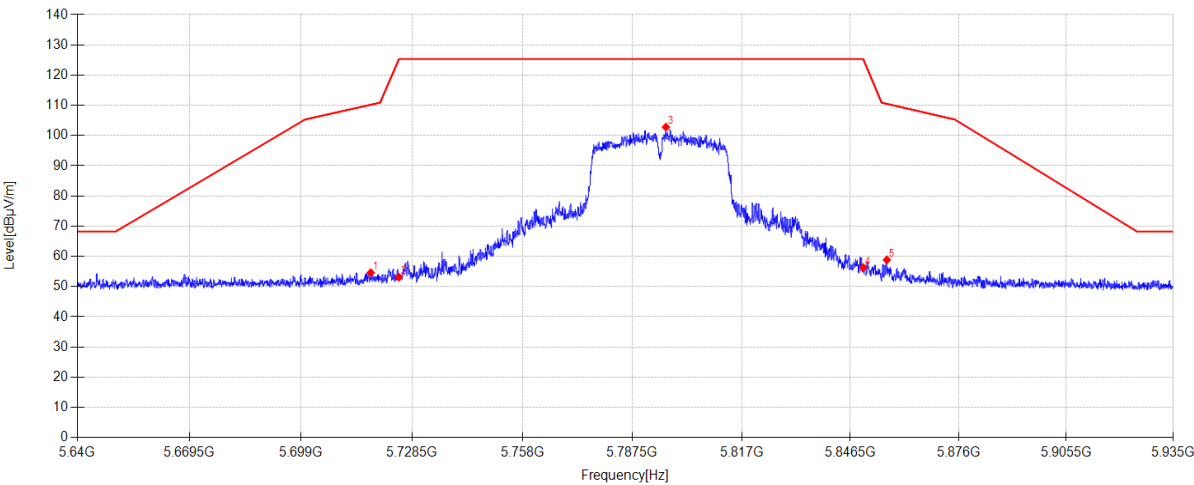
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Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5717.497	44.84	33.70	5.65	-29.60	54.59	110.20	55.61	PK	Horizontal
2	5725.000	43.30	33.75	5.66	-29.60	53.11	125.30	72.19	PK	Horizontal
3	5796.557	92.50	34.18	5.71	-29.60	102.79	125.30	22.51	PK	Horizontal
4	5850.000	46.17	34.00	5.74	-29.60	56.31	125.30	68.99	PK	Horizontal
5	5856.442	48.69	34.01	5.75	-29.60	58.85	110.50	51.65	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11N20 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

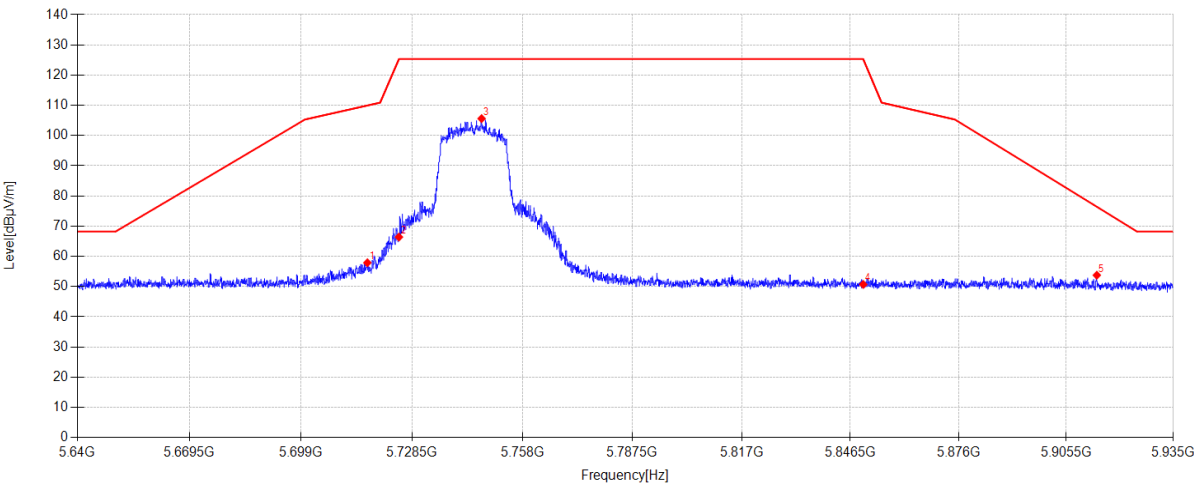
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d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5.8G\9

Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5716.612	48.14	33.70	5.65	-29.60	57.89	109.95	52.06	PK	Horizontal
2	5725.000	56.59	33.75	5.66	-29.60	66.40	125.30	58.90	PK	Horizontal
3	5747.056	95.65	33.88	5.67	-29.60	105.60	125.30	19.70	PK	Horizontal
4	5850.000	40.57	34.00	5.74	-29.60	50.71	125.30	74.59	PK	Horizontal
5	5913.908	43.46	34.13	5.78	-29.60	53.77	76.43	22.66	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:2025-03-15

Tested By:Lin Guoyaun

EUT:Projector

Model Number:WK03K

Test Mode:MIMO TX 11N20 5785MHz Mode

Power Supply:AC 120V/60Hz

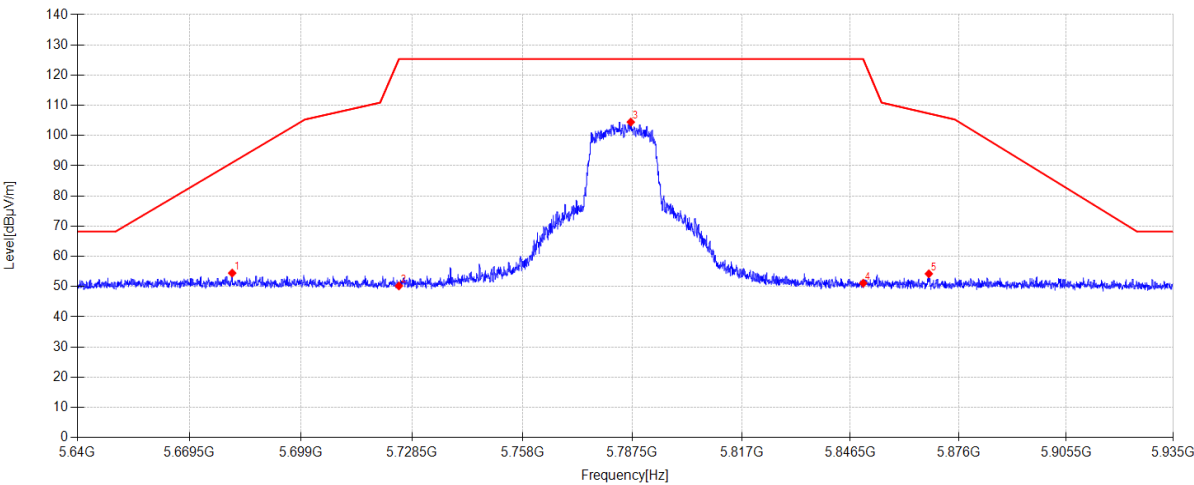
Condition:Temp:21.3°C;Humi:47.4%

Test Site:DDT 3# Chamber

File Path:d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5.8G\10

Memo:Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5680.769	44.91	33.52	5.63	-29.60	54.46	91.03	36.57	PK	Horizontal
2	5725.000	40.40	33.75	5.66	-29.60	50.21	125.30	75.09	PK	Horizontal
3	5787.087	94.24	34.12	5.70	-29.60	104.46	125.30	20.84	PK	Horizontal
4	5850.000	40.98	34.00	5.74	-29.60	51.12	125.30	74.18	PK	Horizontal
5	5867.888	44.05	34.04	5.75	-29.60	54.24	107.29	53.05	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2025-03-15

Tested By:Lin Guoyaun

EUT:Projector

Model Number:WK03K

Test Mode:MIMO TX 11N20 5825MHz Mode

Power Supply:AC 120V/60Hz

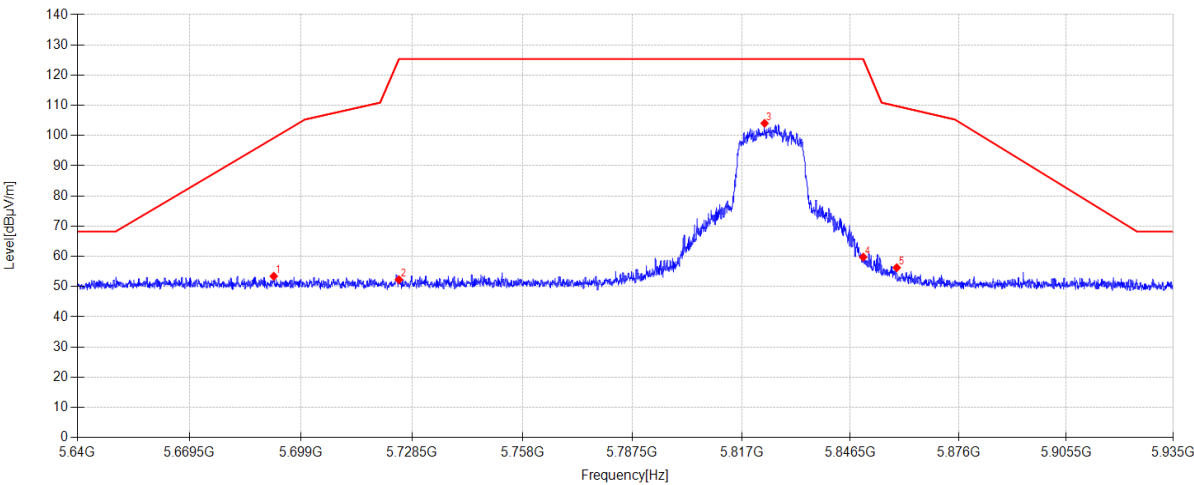
Condition:Temp:21.3°C;Humi:47.4%

Test Site:DDT 3# Chamber

File Path:d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5.8G\11

Memo:Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5691.773	43.80	33.57	5.64	-29.60	53.41	99.20	45.79	PK	Horizontal
2	5725.000	42.48	33.75	5.66	-29.60	52.29	125.30	73.01	PK	Horizontal
3	5823.225	93.83	34.11	5.72	-29.60	104.06	125.30	21.24	PK	Horizontal
4	5850.000	49.61	34.00	5.74	-29.60	59.75	125.30	65.55	PK	Horizontal
5	5859.126	46.09	34.02	5.75	-29.60	56.26	109.74	53.48	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

ANT1 TX 11A 5825MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

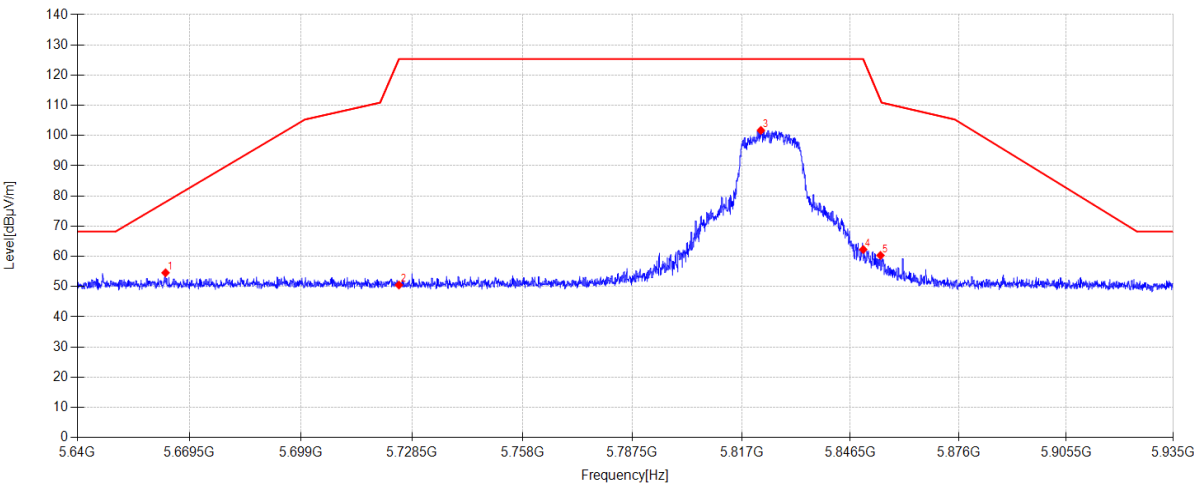
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Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5663.187	45.10	33.45	5.62	-29.60	54.57	77.98	23.41	PK	Horizontal
2	5725.000	40.70	33.75	5.66	-29.60	50.51	125.30	74.79	PK	Horizontal
3	5822.222	91.48	34.11	5.72	-29.60	101.71	125.30	23.59	PK	Horizontal
4	5850.000	52.13	34.00	5.74	-29.60	62.27	125.30	63.03	PK	Horizontal
5	5854.701	50.17	34.01	5.74	-29.60	60.32	111.76	51.44	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

ANT1 TX 11A 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

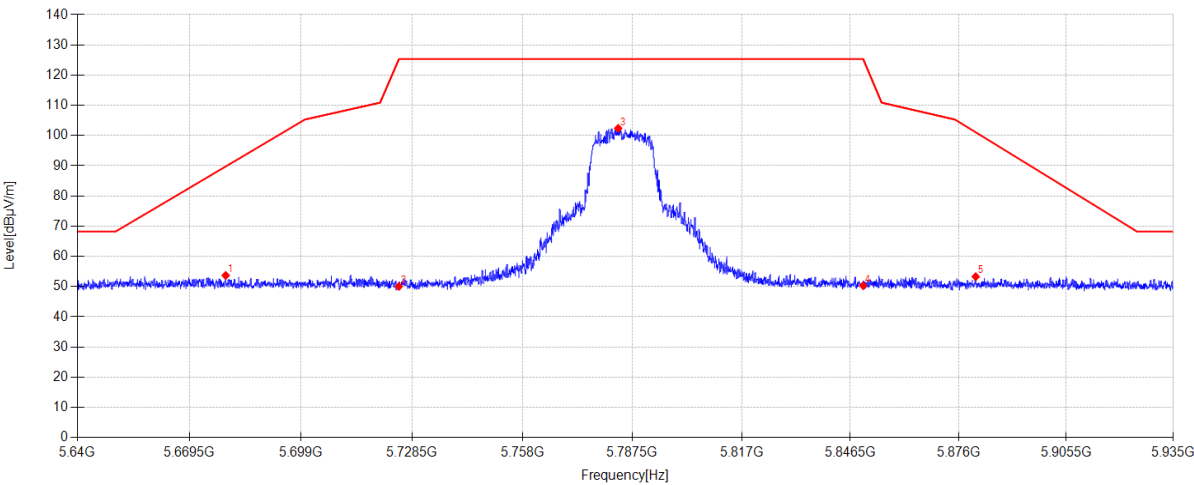
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d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5.8G\13

Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5679.058	44.14	33.52	5.63	-29.60	53.69	89.76	36.07	PK	Horizontal
2	5725.000	40.24	33.75	5.66	-29.60	50.05	125.30	75.25	PK	Horizontal
3	5783.695	92.19	34.10	5.70	-29.60	102.39	125.30	22.91	PK	Horizontal
4	5850.000	40.14	34.00	5.74	-29.60	50.28	125.30	75.02	PK	Horizontal
5	5880.691	43.07	34.06	5.76	-29.60	53.29	101.08	47.79	PK	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

ANT1 TX 11A 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

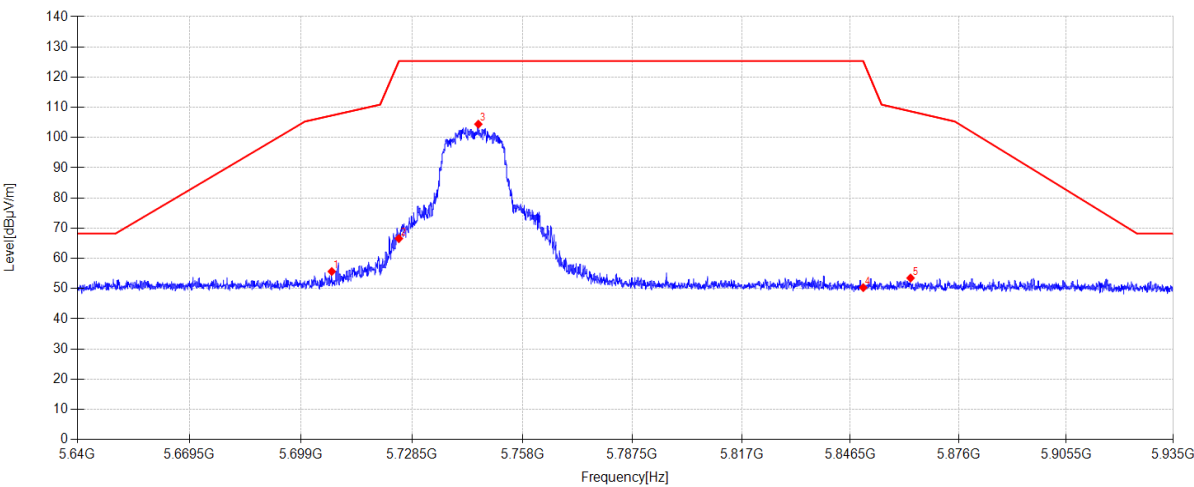
File Path:

d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5.8G\14

Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5707.142	45.97	33.64	5.65	-29.60	55.66	107.30	51.64	PK	Horizontal
2	5725.000	56.75	33.75	5.66	-29.60	66.56	125.30	58.74	PK	Horizontal
3	5746.200	94.48	33.88	5.67	-29.60	104.43	125.30	20.87	PK	Horizontal
4	5850.000	40.18	34.00	5.74	-29.60	50.32	125.30	74.98	PK	Horizontal
5	5862.902	43.31	34.03	5.75	-29.60	53.49	108.69	55.20	PK	Horizontal

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

ANT2 TX 11A 5745MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

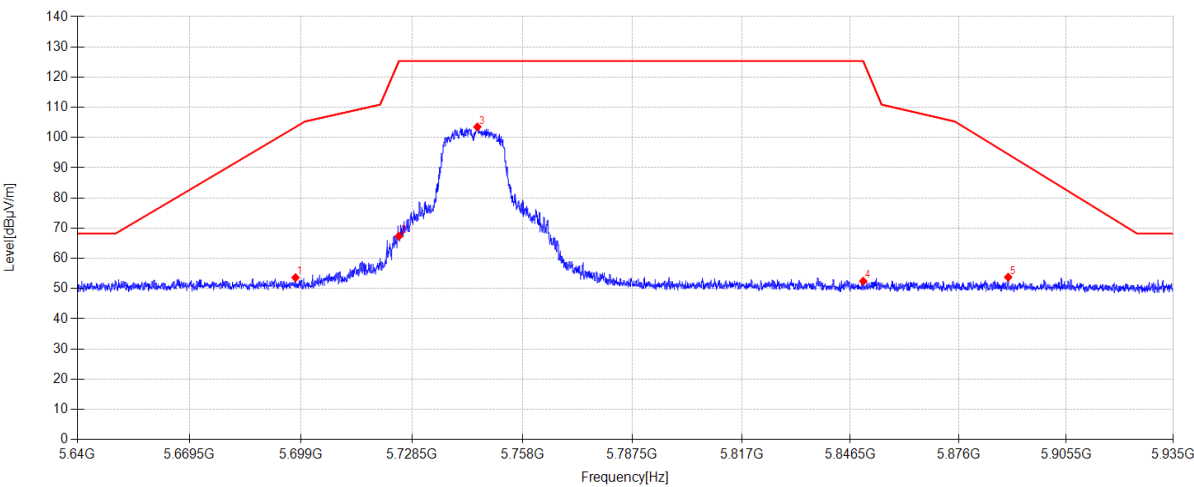
File Path:

d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5.8G\15

Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5697.525	43.99	33.59	5.64	-29.60	53.62	103.46	49.84	PK	Horizontal
2	5725.000	57.54	33.75	5.66	-29.60	67.35	125.30	57.95	PK	Horizontal
3	5745.935	93.56	33.88	5.67	-29.60	103.51	125.30	21.79	PK	Horizontal
4	5850.000	42.31	34.00	5.74	-29.60	52.45	125.30	72.85	PK	Horizontal
5	5889.570	43.52	34.08	5.77	-29.60	53.77	94.49	40.72	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

ANT2 TX 11A 5785MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

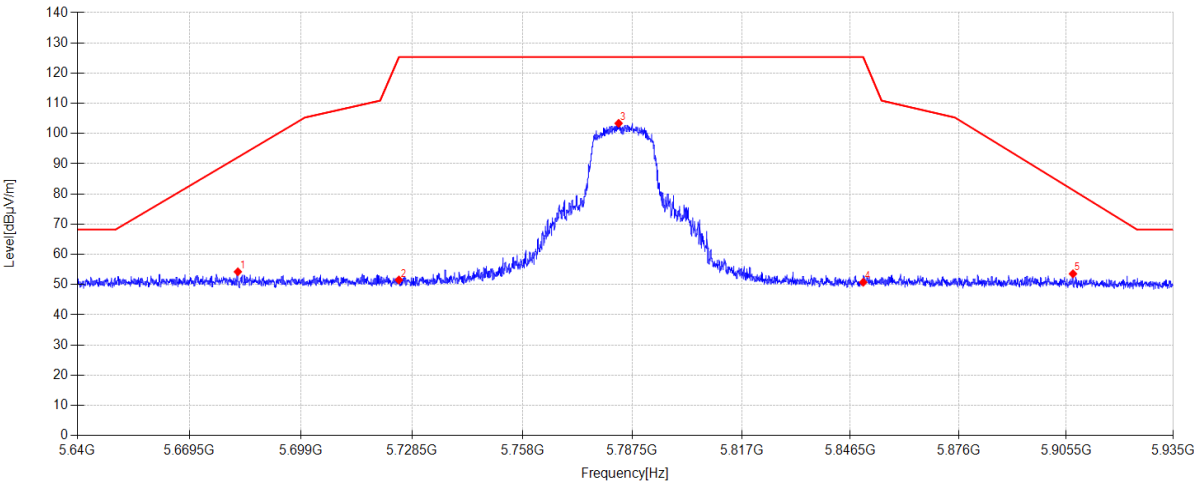
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d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5.8G\16

Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5682.274	44.67	33.53	5.63	-29.60	54.23	92.15	37.92	PK	Horizontal
2	5725.000	41.72	33.75	5.66	-29.60	51.53	125.30	73.77	PK	Horizontal
3	5783.813	93.18	34.10	5.70	-29.60	103.38	125.30	21.92	PK	Horizontal
4	5850.000	40.63	34.00	5.74	-29.60	50.77	125.30	74.53	PK	Horizontal
5	5907.359	43.27	34.11	5.78	-29.60	53.56	81.29	27.73	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:2025-03-15

Tested By:Lin Guoyaun

EUT:Projector

Model Number:WK03K

Test Mode:ANT2 TX 11A 5825MHz Mode

Power Supply:AC 120V/60Hz

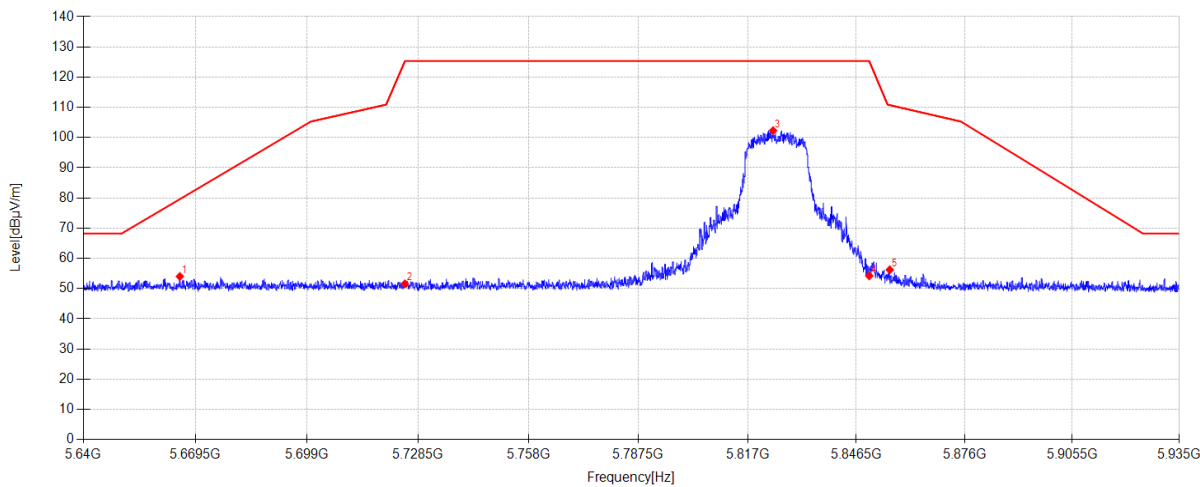
Condition:Temp:21.3°C;Humi:47.4%

Test Site:DDT 3# Chamber

File Path:d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5.8G\17

Memo:Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5665.370	44.54	33.46	5.62	-29.60	54.02	79.60	25.58	PK	Horizontal
2	5725.000	41.75	33.75	5.66	-29.60	51.56	125.30	73.74	PK	Horizontal
3	5823.903	92.08	34.10	5.72	-29.60	102.30	125.30	23.00	PK	Horizontal
4	5850.000	44.06	34.00	5.74	-29.60	54.20	125.30	71.10	PK	Horizontal
5	5855.586	46.07	34.01	5.74	-29.60	56.22	110.74	54.52	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:2025-03-15

Tested By:Lin Guoyaun

EUT:Projector

Model Number:WK03K

Test Mode:ANT1 TX 11A 5720MHz Mode

Power Supply:AC 120V/60Hz

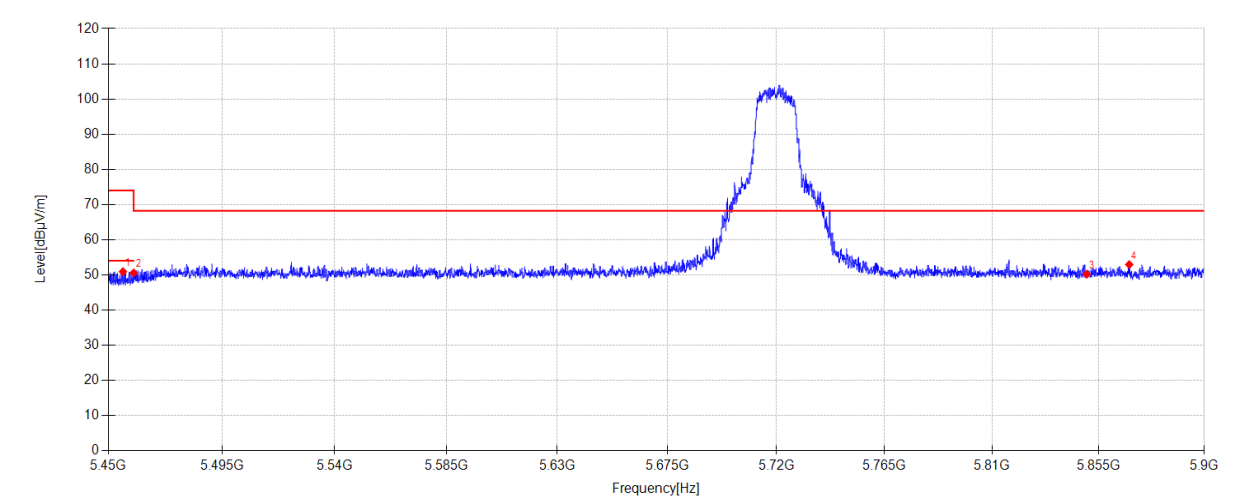
Condition:Temp:21.3°C;Humi:47.4%

Test Site:DDT 3# Chamber

File Path:d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5G KUAYUE1

Memo: Sample Numbler:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5455.760	42.04	33.00	5.48	-29.60	50.92	74.00	23.08	PK	Horizontal
2	5460.000	41.70	33.00	5.48	-29.60	50.58	68.20	17.62	PK	Horizontal
3	5850.000	40.05	34.00	5.74	-29.60	50.19	68.20	18.01	PK	Horizontal
4	5868.005	42.75	34.04	5.75	-29.60	52.94	68.20	15.26	PK	Horizontal

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

ANT2 TX 11A 5720MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

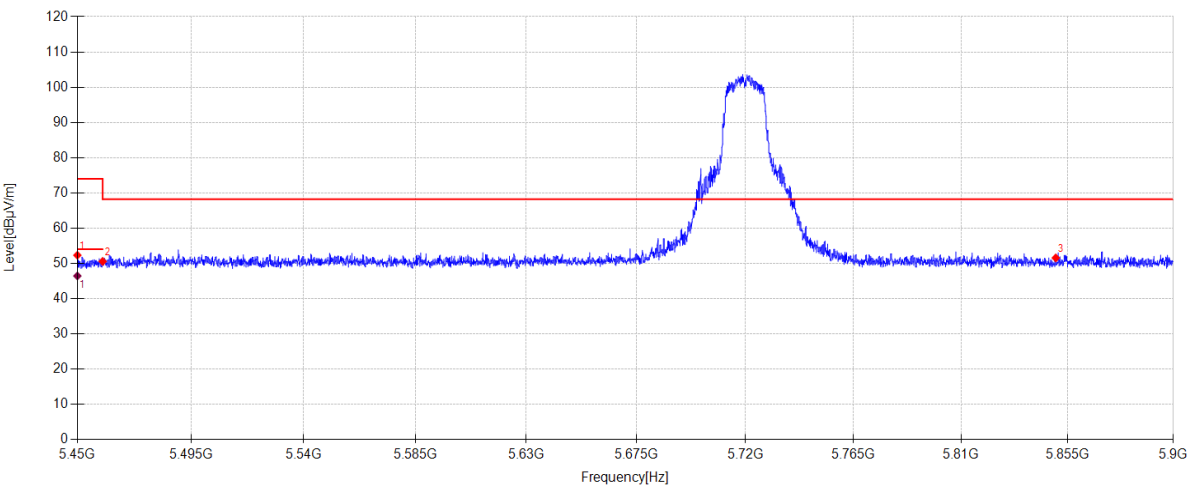
File Path:

d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5G KUAYUE\2

Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5450.000	43.43	33.00	5.48	-29.60	52.31	74.00	21.69	PK	Horizontal
2	5460.000	41.68	33.00	5.48	-29.60	50.56	68.20	17.64	PK	Horizontal
3	5850.000	41.41	34.00	5.74	-29.60	51.55	68.20	16.65	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5450.000	37.56	33.00	5.48	46.44	54	7.56	AV	Horizontal	

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:2025-03-15

Tested By:Lin Guoyaun

EUT:Projector

Model Number:WK03K

Test Mode:MIMO TX 11N20 5720MHz Mode

Power Supply:AC 120V/60Hz

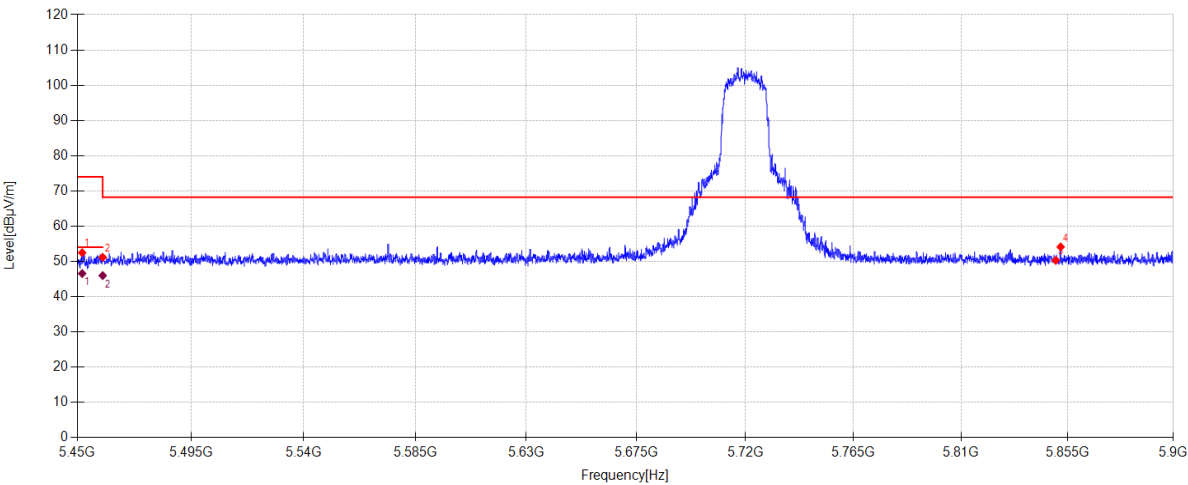
Condition:Temp:21.3°C;Humi:47.4%

Test Site:DDT 3# Chamber

File Path:d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5G KUAYUE\3

Memo:Sample Numbler:S25011610-004

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5451.890	43.59	33.00	5.48	-29.60	52.47	74.00	21.53	PK	Horizontal
2	5460.000	42.29	33.00	5.48	-29.60	51.17	68.20	17.03	PK	Horizontal
3	5850.000	40.16	34.00	5.74	-29.60	50.30	68.20	17.90	PK	Horizontal
4	5852.075	43.98	34.00	5.74	-29.60	54.12	68.20	14.08	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5451.890	37.69	33.00	5.48	46.57	54	7.43	AV	Horizontal	
2	5460.000	37.09	33.00	5.48	45.97	54	8.03	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11N40 5710MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

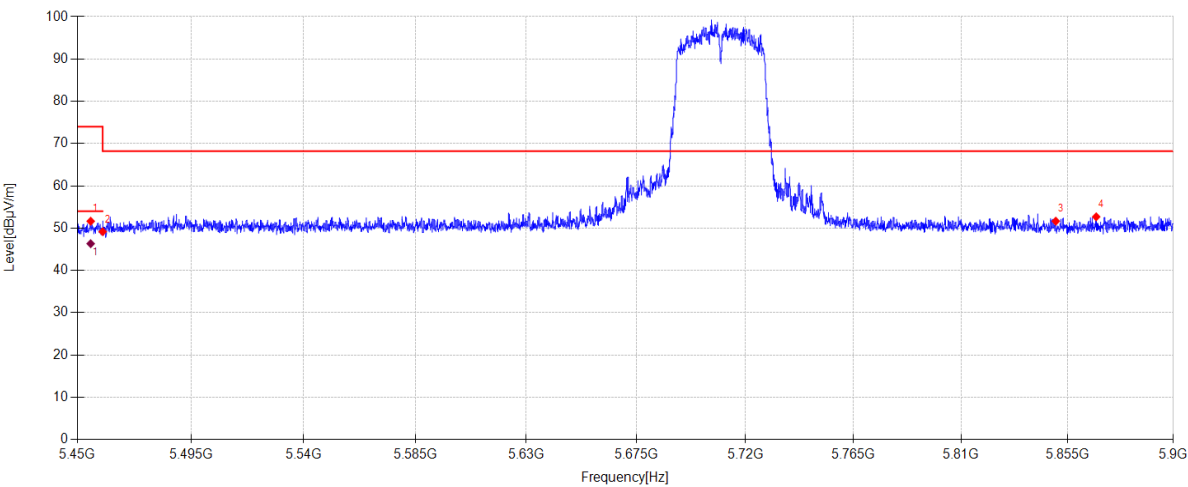
File Path:

d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5G KUAYUE\4

Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5455.265	42.76	33.00	5.48	-29.60	51.64	74.00	22.36	PK	Horizontal
2	5460.000	40.29	33.00	5.48	-29.60	49.17	68.20	19.03	PK	Horizontal
3	5850.000	41.51	34.00	5.74	-29.60	51.65	68.20	16.55	PK	Horizontal
4	5867.150	42.51	34.03	5.75	-29.60	52.69	68.20	15.51	PK	Horizontal

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5455.265	37.45	33.00	5.48	46.33	54	7.67	AV	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC20 5720MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

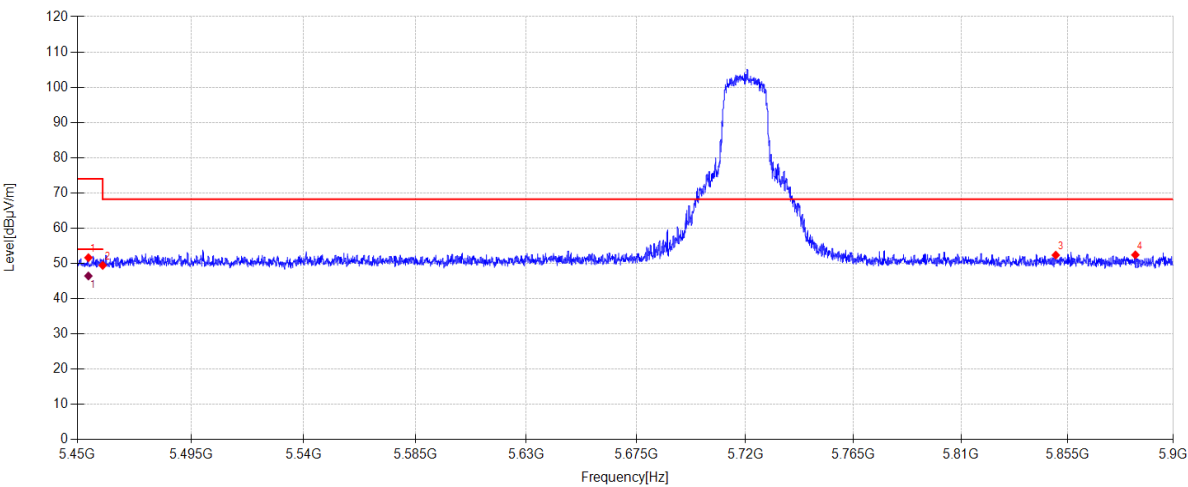
File Path:

d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5G KUAYUE\5

Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5454.365	42.74	33.00	5.48	-29.60	51.62	74.00	22.38	PK	Horizontal
2	5460.000	40.56	33.00	5.48	-29.60	49.44	68.20	18.76	PK	Horizontal
3	5850.000	42.21	34.00	5.74	-29.60	52.35	68.20	15.85	PK	Horizontal
4	5883.800	42.19	34.07	5.76	-29.60	52.42	68.20	15.78	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5454.365	37.56	33.00	5.48	46.44	54	7.56	AV	Horizontal	

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-03-15

Tested By:

Lin Guoyaun

EUT:

Projector

Model Number:

WK03K

Test Mode:

MIMO TX 11AC40 5710MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:21.3°C;Humi:47.4%

Test Site:

DDT 3# Chamber

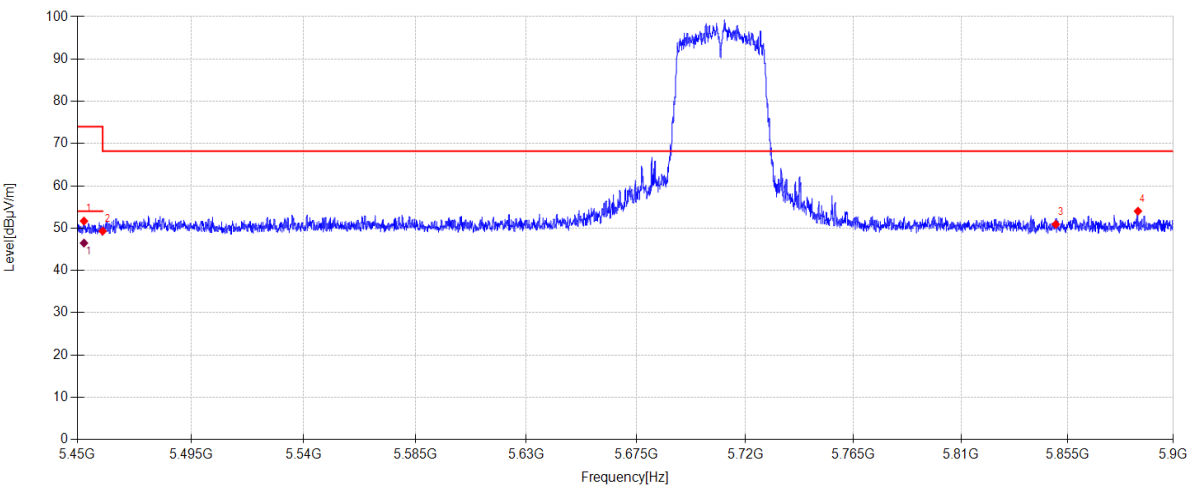
File Path:

d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5G KUAYUE\6

Memo:

Sample Numble:S25011610-004

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5452.610	42.80	33.00	5.48	-29.60	51.68	74.00	22.32	PK	Horizontal
2	5460.000	40.42	33.00	5.48	-29.60	49.30	68.20	18.90	PK	Horizontal
3	5850.000	40.76	34.00	5.74	-29.60	50.90	68.20	17.30	PK	Horizontal
4	5884.925	43.79	34.07	5.76	-29.60	54.02	68.20	14.18	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5452.610	37.59	33.00	5.48	46.47	54	7.53	AV	Horizontal	

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

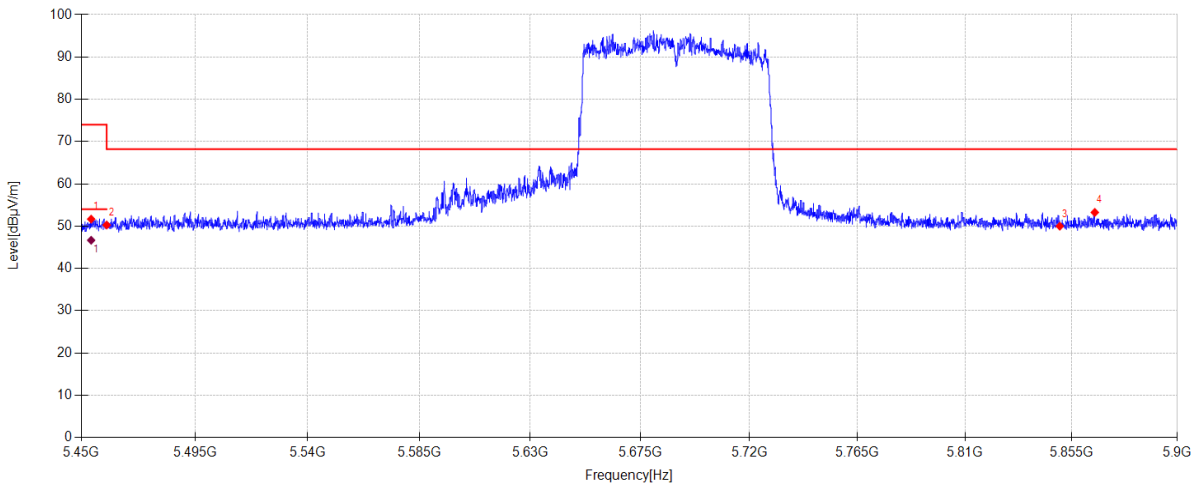
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-03-15 **Tested By:** Lin Guoyaun
EUT: Projector **Model Number:** WK03K
Test Mode: MIMO TX 11AC80 5690MHz Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:21.3°C;Humi:47.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25011610-1E\FCC Above 1G 5G KUAYUE\7
Memo: Sample Numble:S25011610-004

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5453.870	42.78	33.00	5.48	-29.60	51.66	74.00	22.34	PK	Horizontal
2	5460.000	41.39	33.00	5.48	-29.60	50.27	68.20	17.93	PK	Horizontal
3	5850.000	39.85	34.00	5.74	-29.60	49.99	68.20	18.21	PK	Horizontal
4	5864.855	43.07	34.03	5.75	-29.60	53.25	68.20	14.95	PK	Horizontal

Data List									
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5453.870	37.79	33.00	5.48	46.67	54	7.33	AV	Horizontal

Note:

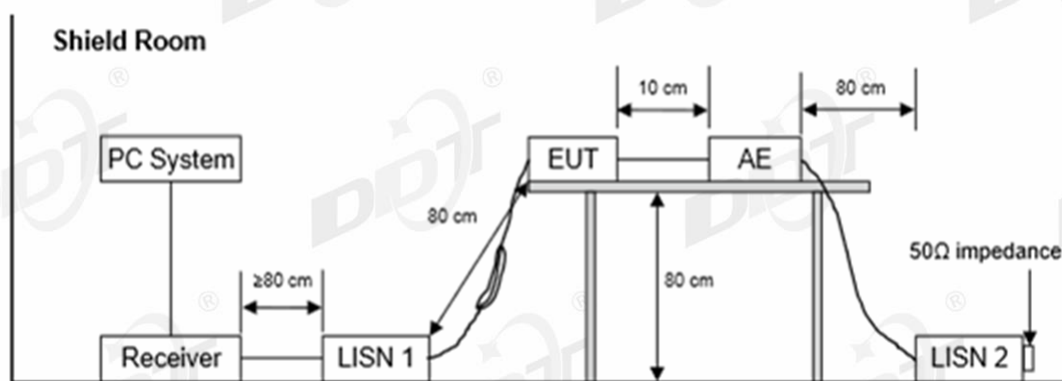
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

15. Power Line Conducted Emissions

15.1. Test equipment

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

15.2. Block diagram of test setup



15.3. Limits

Frequency	Quasi-Peak Level dB(uV)	Average Level dB(uV)
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.

15.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
SWITCHING POWER SUPPLY	Huizhou Golden Lake Industrial Co.,Ltd.	S065ARU20003 25	/	Input: 100-240V~ 50/60Hz, Output: 5V/3A or 9V/3A or 12V/3A or 15V/3A or 20V/3.25A

15.5. 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.

15.6. 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.

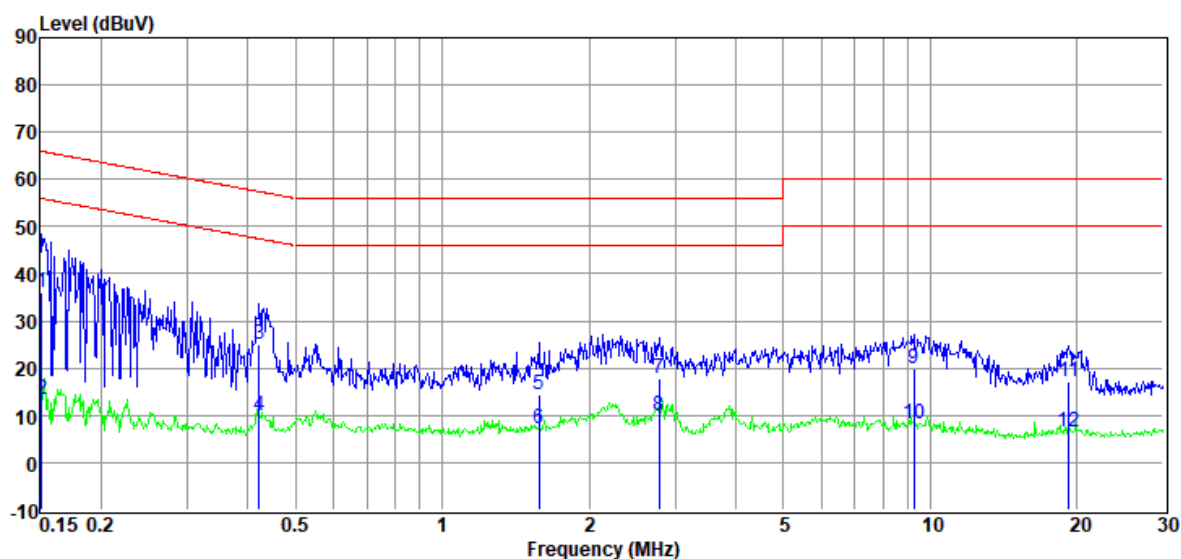
Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

15.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room
Test Date : 2025-03-27
EUT : Projector
Power Supply : AC 120V/60Hz
Condition : TEMP:23.1°C, RH:63.8
Memo :
D:\2025 CE report data\Q25011610-1E\CE.EM6
Tested By : Nelson Peng
Model Number : WK03K
Test Mode : 5GWIFI Mode
LISN : 2024 1# ENV216/NEUTRAL

Data: 18



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	16.43	9.65	0.11	9.86	36.05	65.96	-29.91	QP	NEUTRAL
2	0.15	-6.18	9.65	0.11	9.86	13.44	55.96	-42.52	Average	NEUTRAL
3	0.42	5.17	9.76	0.09	9.86	24.88	57.42	-32.54	QP	NEUTRAL
4	0.42	-9.70	9.76	0.09	9.86	10.01	47.42	-37.41	Average	NEUTRAL
5	1.58	-5.37	9.69	0.04	9.87	14.23	56.00	-41.77	QP	NEUTRAL
6	1.58	-12.32	9.69	0.04	9.87	7.28	46.00	-38.72	Average	NEUTRAL
7	2.78	-1.78	9.67	0.05	9.86	17.80	56.00	-38.20	QP	NEUTRAL
8	2.78	-9.79	9.67	0.05	9.86	9.79	46.00	-36.21	Average	NEUTRAL
9	9.25	0.01	9.73	0.12	9.97	19.83	60.00	-40.17	QP	NEUTRAL
10	9.25	-11.54	9.73	0.12	9.97	8.28	50.00	-41.72	Average	NEUTRAL
11	19.22	-2.97	9.91	0.15	9.96	17.05	60.00	-42.95	QP	NEUTRAL
12	19.22	-13.52	9.91	0.15	9.96	6.50	50.00	-43.50	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

: 2025-03-27

EUT

: Projector

Power Supply

: AC 120V/60Hz

Condition

: TEMP:23.1°C, RH:63.8

Memo

:

D:\2025 CE report data\Q25011610-1E\CE.EM6

Tested By

: Nelson Peng

Model Number

: WK03K

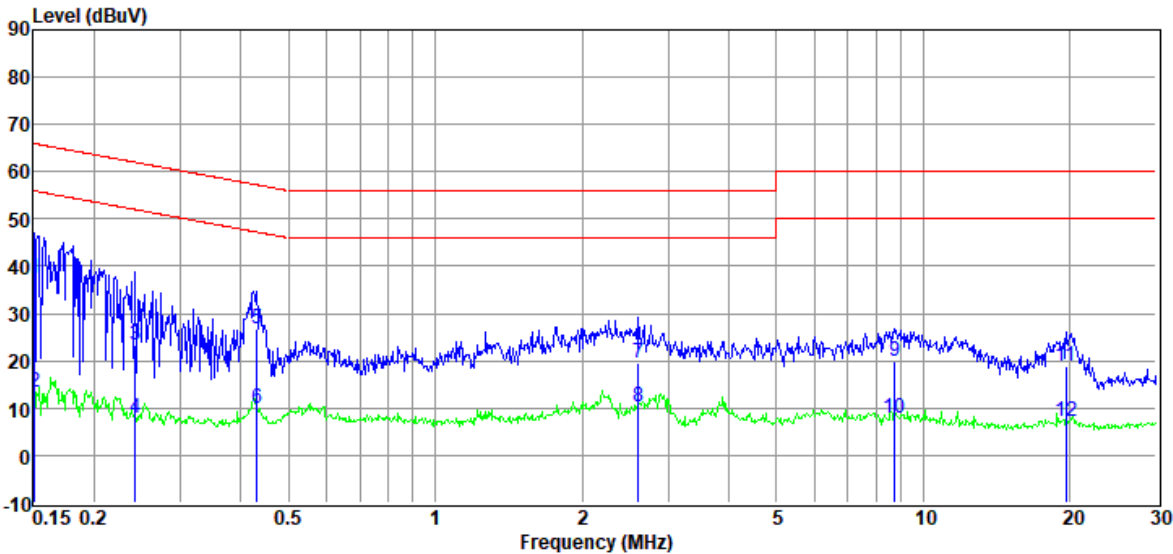
Test Mode

: 5GWIFI Mode

LISN

: 2024 1# ENV216/LINE

Data: 20



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	17.68	9.90	0.11	9.86	37.55	65.96	-28.41	QP	LINE
2	0.15	-6.35	9.90	0.11	9.86	13.52	55.96	-42.44	Average	LINE
3	0.24	3.63	9.74	0.14	9.86	23.37	62.00	-38.63	QP	LINE
4	0.24	-11.74	9.74	0.14	9.86	8.00	52.00	-44.00	Average	LINE
5	0.43	6.89	9.83	0.09	9.86	26.67	57.24	-30.57	QP	LINE
6	0.43	-9.74	9.83	0.09	9.86	10.04	47.24	-37.20	Average	LINE
7	2.61	-0.07	9.75	0.05	9.86	19.59	56.00	-36.41	QP	LINE
8	2.61	-9.44	9.75	0.05	9.86	10.22	46.00	-35.78	Average	LINE
9	8.73	-0.08	9.79	0.11	9.95	19.77	60.00	-40.23	QP	LINE
10	8.73	-11.83	9.79	0.11	9.95	8.02	50.00	-41.98	Average	LINE
11	19.64	-1.37	10.04	0.15	9.96	18.78	60.00	-41.22	QP	LINE
12	19.64	-13.02	10.04	0.15	9.96	7.13	50.00	-42.87	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.

17. Photos of the EUT

Please refer to DDT-Q25011610-2E appendix I

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