

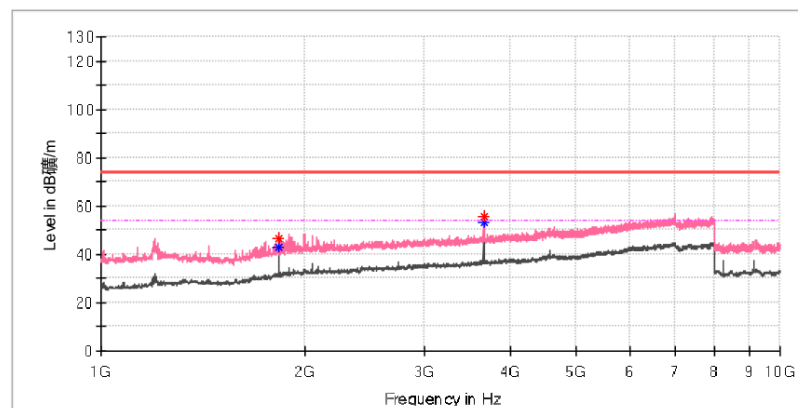
Test

4 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	Lora FHSS 125K Mid CH_915MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1829.300000	46.38	---	74.00	27.62	100.0	V	213.0	4.9
1829.300000	---	42.81	54.00	11.19	100.0	V	213.0	4.9
3660.075000	55.38	---	74.00	18.62	100.0	V	53.0	9.4
3660.075000	---	50.98	54.00	3.02	100.0	V	53.0	9.4

27/3/2020

6:39:26 PM

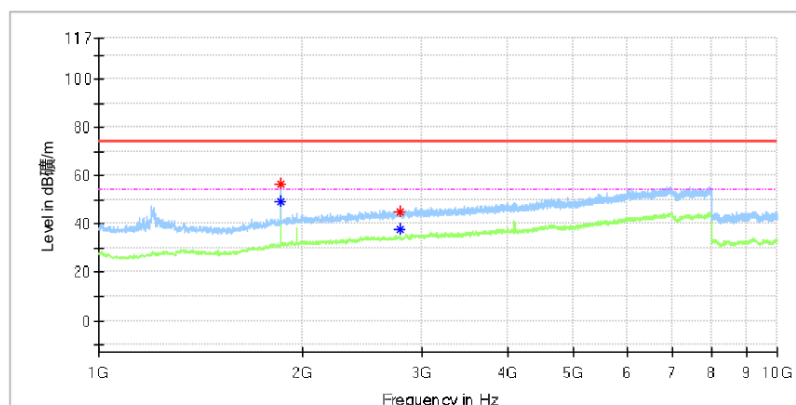
Test

1 / 1

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	Lora FHSS 125K High CH_927.8MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1854.425000	---	49.39	54.00	4.61	100.0	H	195.0	5.0
1855.262500	56.24	---	74.00	17.76	100.0	H	185.0	5.0
2776.512500	45.32	---	74.00	28.68	100.0	H	295.0	7.9
2783.212500	---	37.52	54.00	16.48	100.0	H	100.0	7.9

8/4/2020

2:50:00 PM

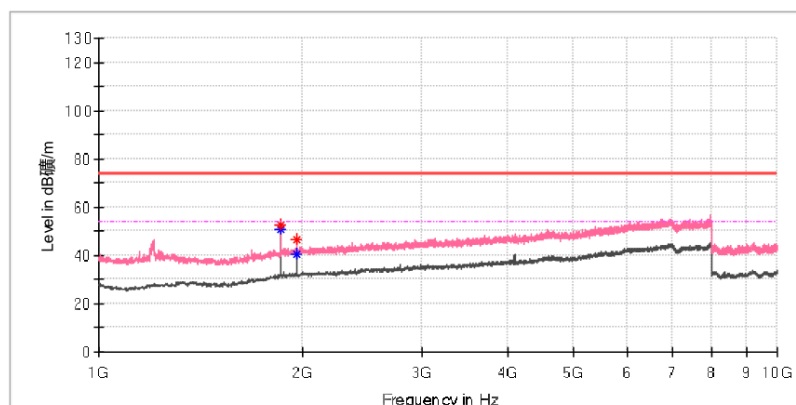
Test

1 / 1

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	Lora FHSS 125K High CH_927.8MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1855.262500	52.41	—	74.00	21.59	100.0	V	223.0	5.0
1855.262500	—	50.58	54.00	3.42	100.0	V	223.0	5.0
1959.112500	—	40.54	54.00	13.46	100.0	V	72.0	5.7
1959.112500	46.29	—	74.00	27.71	100.0	V	72.0	5.7

8/4/2020

2:55:14 PM

FHSS#2 (DataRate: 50Kbps)
30 MHz to 1GHz

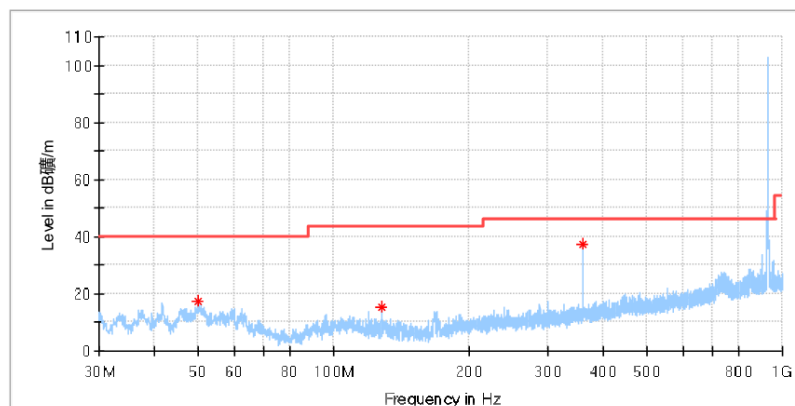
Test

1 / 4

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 50K Low CH
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.982000	17.26	---	40.00	22.74	100.0	H	208.0	-18.6
127.970000	15.41	---	43.50	28.09	100.0	H	191.0	-22.0
359.945500	37.35	---	46.00	8.65	100.0	H	232.0	-15.0

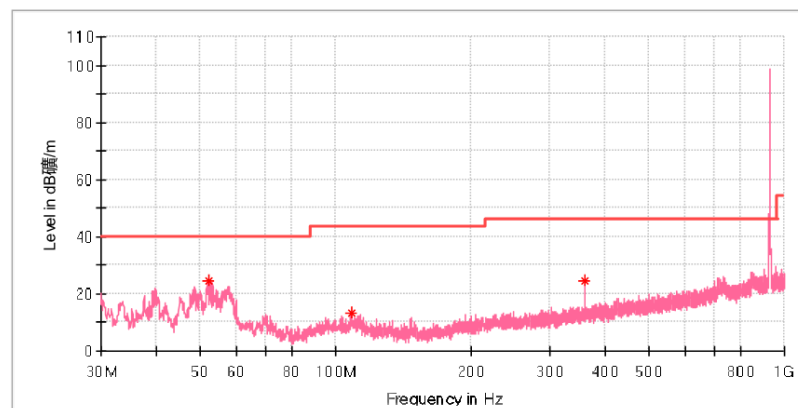
Test

2 / 4

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 50K Low CH
Test Voltage:	AC 120V@60Hz
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
52.067500	24.51	---	40.00	15.49	100.0	V	349.0	-18.6
108.764000	13.09	---	43.50	30.41	100.0	V	176.0	-19.3
359.945500	24.61	---	46.00	21.39	100.0	V	15.0	-15.0

1/4/2020

9:42:54 AM

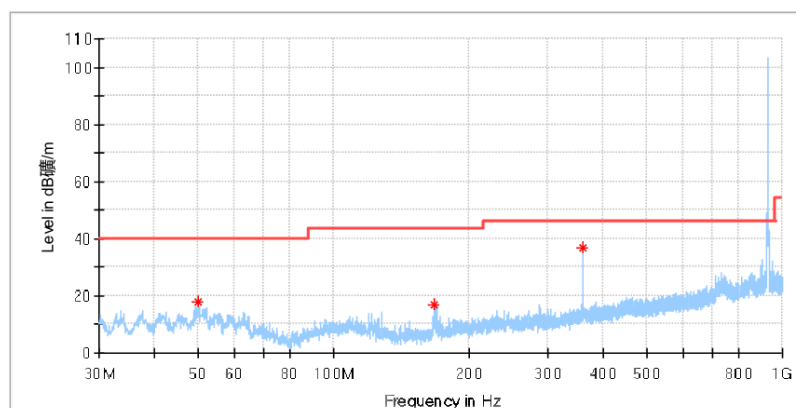
Test

3 / 4

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 50K High CH
Test Voltage:	AC 120V@60Hz
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.933500	17.97	---	40.00	22.03	100.0	H	3.0	-18.6
167.934000	17.13	---	43.50	26.37	100.0	H	349.0	-21.7
359.945500	37.03	---	46.00	8.97	100.0	H	237.0	-15.0

1/4/2020

9:42:54 AM

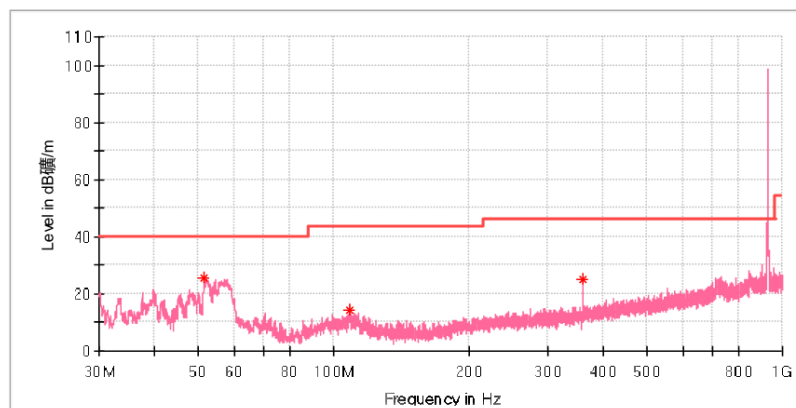
Test

4 / 4

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 50K High CH
Test Voltage:	AC 120V@60Hz
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
51.437000	25.81	---	40.00	14.19	100.0	V	53.0	-18.6
108.327500	14.51	---	43.50	28.99	100.0	V	223.0	-19.3
359.945500	25.08	---	46.00	20.92	100.0	V	0.0	-15.0

1/4/2020

9:42:54 AM

1GHz to 10GHz

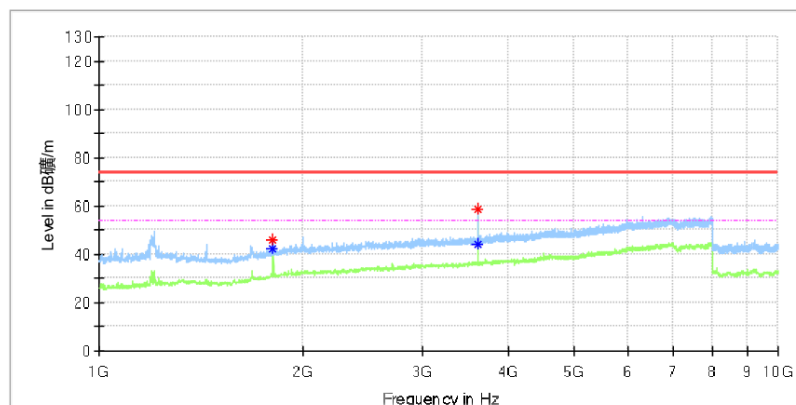
Test

1 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK FHSS 50K Low CH_902.2MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1804.175000	---	42.34	54.00	11.66	100.0	H	175.0	4.7
1804.175000	45.99	---	74.00	28.01	100.0	H	175.0	4.7
3608.987500	58.89	---	74.00	15.11	100.0	H	288.0	9.4
3609.825000	---	44.37	54.00	9.63	100.0	H	288.0	9.4

27/3/2020

8:36:01 PM

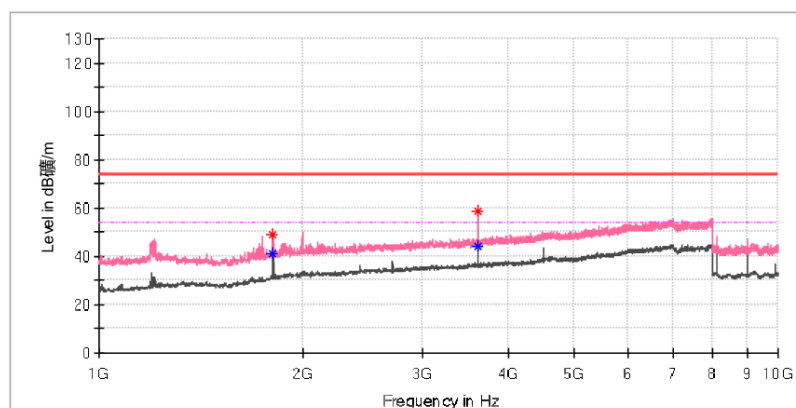
Test

2 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK FHSS 50K Low CH_902.2MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1803.337500	---	41.03	54.00	12.97	100.0	V	215.0	4.7
1804.175000	48.89	---	74.00	25.11	100.0	V	215.0	4.7
3608.987500	58.70	---	74.00	15.30	100.0	V	215.0	9.4
3609.825000	---	44.03	54.00	9.97	100.0	V	215.0	9.4

27/3/2020

8:36:01 PM

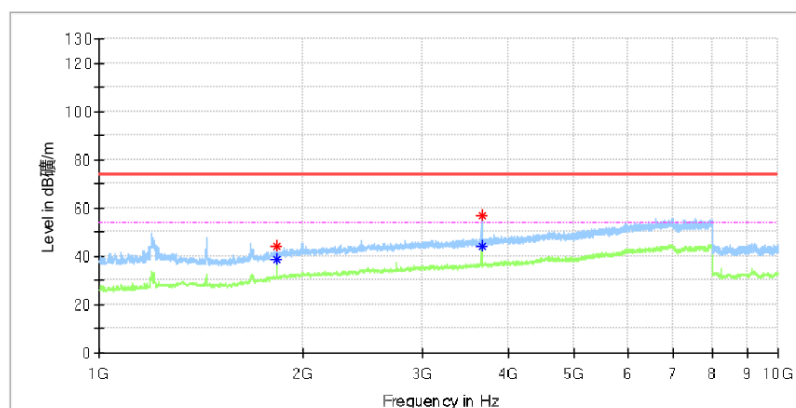
Test

3 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK FHSS 50K Mid CH_915MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1829.300000	---	38.80	54.00	15.20	100.0	H	90.0	4.9
1830.137500	44.41	---	74.00	29.59	100.0	H	175.0	4.9
3660.075000	57.06	---	74.00	16.94	100.0	H	288.0	9.4
3660.912500	---	44.36	54.00	9.64	100.0	H	353.0	9.5

27/3/2020

8:36:01 PM

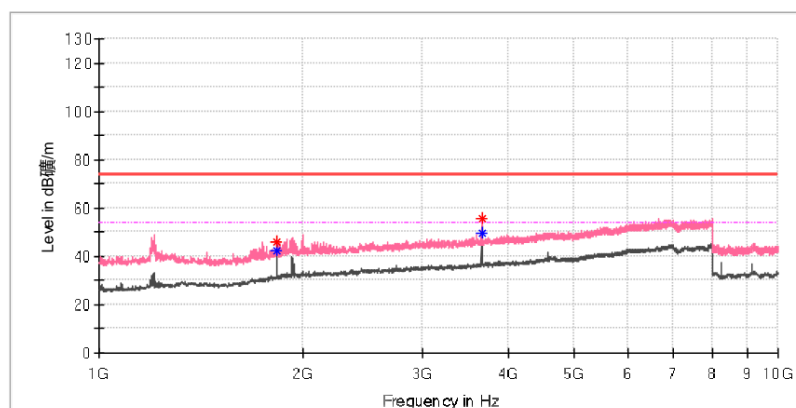
Test

4 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK FHSS 50K Mid CH_915MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1829.300000	---	42.09	54.00	11.91	100.0	V	93.0	4.9
1829.300000	46.21	---	74.00	27.79	100.0	V	93.0	4.9
3659.237500	---	49.36	54.00	4.64	100.0	V	55.0	9.4
3660.075000	55.73	---	74.00	18.27	100.0	V	55.0	9.4

27/3/2020

8:36:01 PM

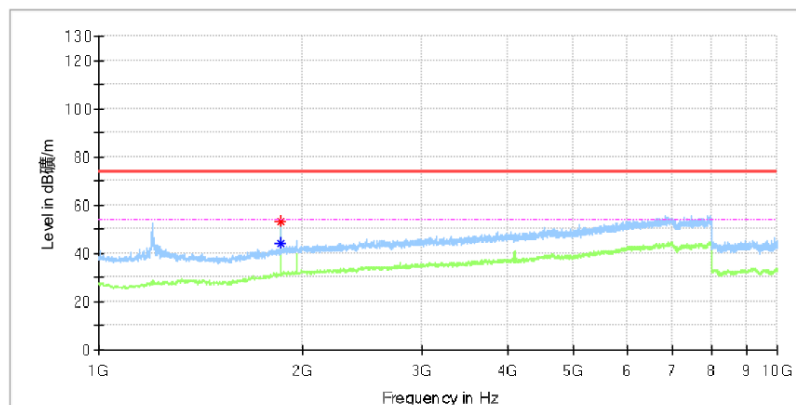
Test

1 / 1

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK FHSS 50K High CH_927.8MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1854.425000	---	44.00	54.00	10.00	100.0	H	183.0	5.0
1855.262500	53.42	---	74.00	20.58	100.0	H	183.0	5.0

8/4/2020

2:42:23 PM

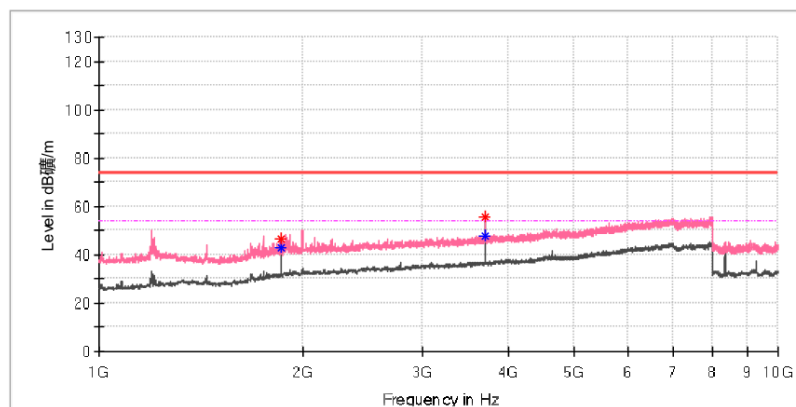
Test

6 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK FHSS 50K High CH_927.8MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1855.262500	---	42.88	54.00	11.12	100.0	V	210.0	5.0
1855.262500	46.41	---	74.00	27.59	100.0	V	210.0	5.0
3710.325000	---	48.00	54.00	6.00	100.0	V	50.0	9.6
3711.162500	55.82	---	74.00	18.18	100.0	V	50.0	9.6

27/3/2020

8:36:01 PM

FHSS#3 (DataRate: 150Kbps)
30 MHz to 1GHz

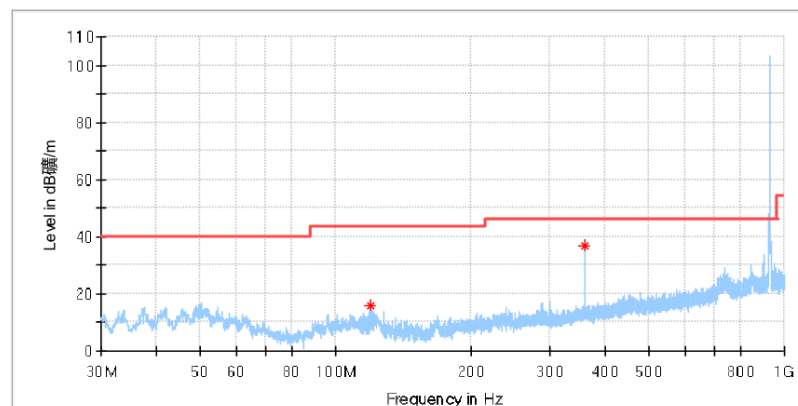
Test

1 / 4

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 150K Low CH
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
119.967500	15.65	--	43.50	27.85	100.0	H	53.0	-21.1
359.945500	37.08	--	46.00	8.92	100.0	H	234.0	-15.0

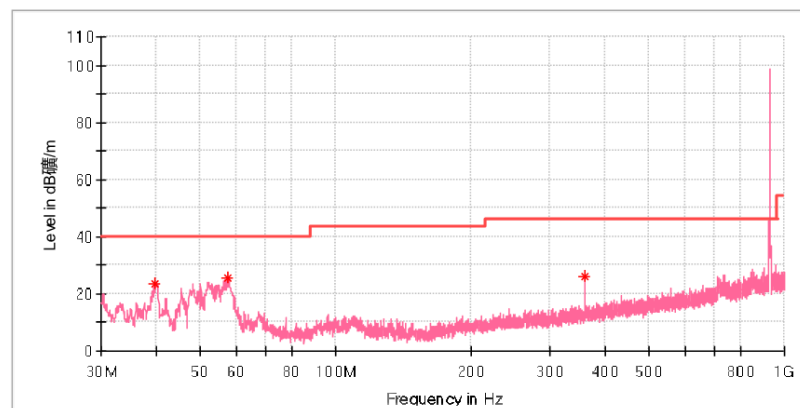
Test

2 / 4

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 150K Low CH
Test Voltage:	AC 120V@60Hz
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
39.700000	23.71	---	40.00	16.29	100.0	V	87.0	-20.5
57.402500	25.52	---	40.00	14.48	100.0	V	128.0	-19.0
359.945500	26.12	---	46.00	19.88	100.0	V	0.0	-15.0

1/4/2020

9:26:03 AM

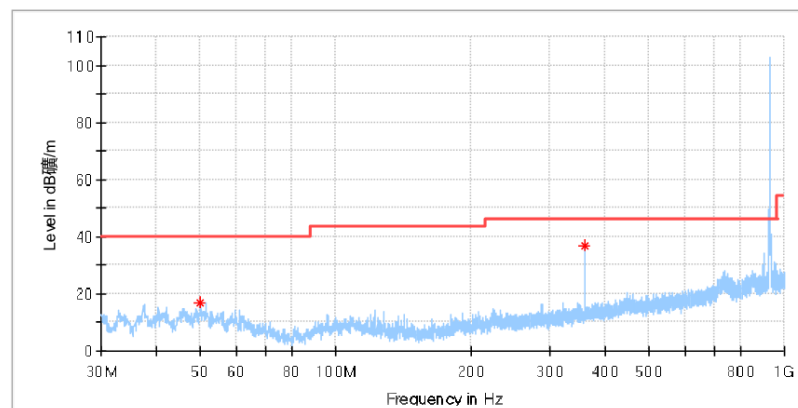
Test

3 / 4

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 150K High CH
Test Voltage:	AC 120V@60Hz
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.982000	16.82	---	40.00	23.18	100.0	H	315.0	-18.6
359.945500	36.63	---	46.00	9.37	100.0	H	225.0	-15.0

1/4/2020

9:26:03 AM

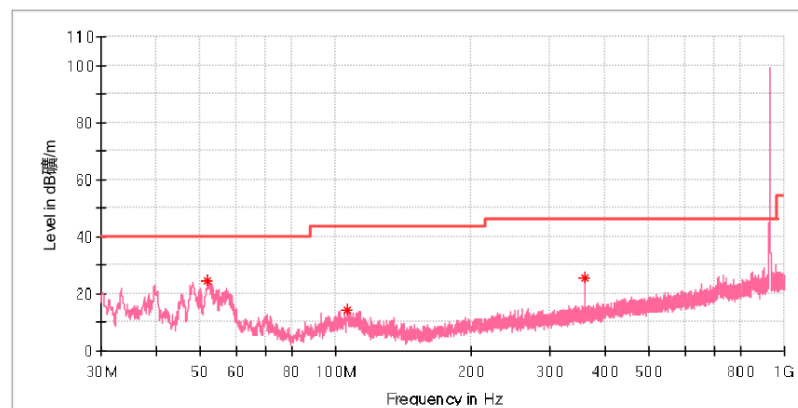
Test

4 / 4

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 150K High CH
Test Voltage:	AC 120V@60Hz
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
51.873500	24.66	---	40.00	15.34	100.0	V	307.0	-18.6
106.193500	14.55	---	43.50	28.95	100.0	V	307.0	-19.2
359.945500	25.41	---	46.00	20.59	100.0	V	0.0	-15.0

1/4/2020

9:26:03 AM

1GHz to 10GHz

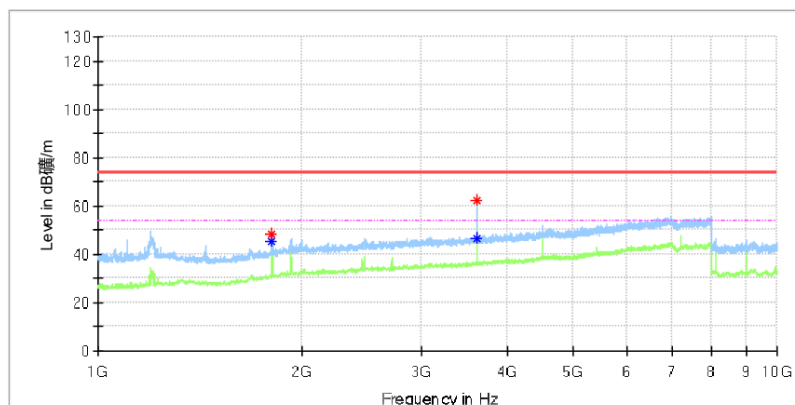
Test

1 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK FHSS 150K Low CH_902.4MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1804.175000	48.61	---	74.00	25.39	100.0	H	179.0	4.7
1804.175000	---	45.14	54.00	8.86	100.0	H	179.0	4.7
3609.825000	62.28	---	74.00	11.72	100.0	H	293.0	9.4
3610.662500	---	46.38	54.00	7.62	100.0	H	293.0	9.4

27/3/2020

9:52:34 PM

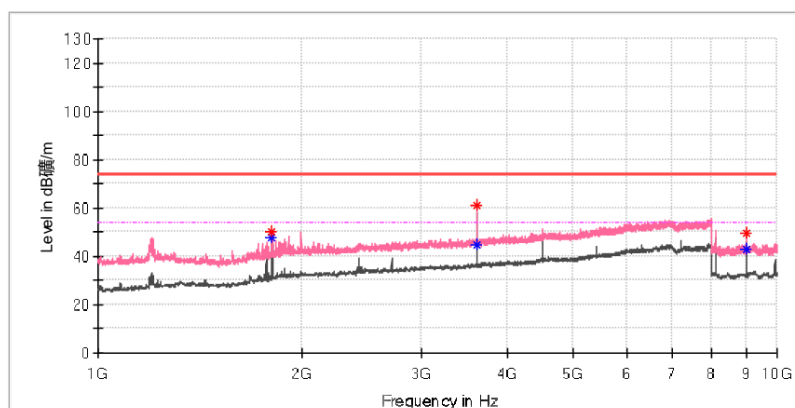
Test

2 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK FHSS 150K Low CH_902.4MHz
Test Voltage:	AC 120V@60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1804.175000	50.24	---	74.00	23.76	100.0	V	214.0	4.7
1804.175000	---	47.53	54.00	6.47	100.0	V	214.0	4.7
3609.825000	61.03	---	74.00	12.97	100.0	V	214.0	9.4
3610.662500	---	45.02	54.00	8.98	100.0	V	66.0	9.4
9023.500000	49.41	---	74.00	24.59	100.0	V	180.0	8.9
9024.500000	---	43.08	54.00	10.92	100.0	V	180.0	8.9

27/3/2020

9:52:34 PM

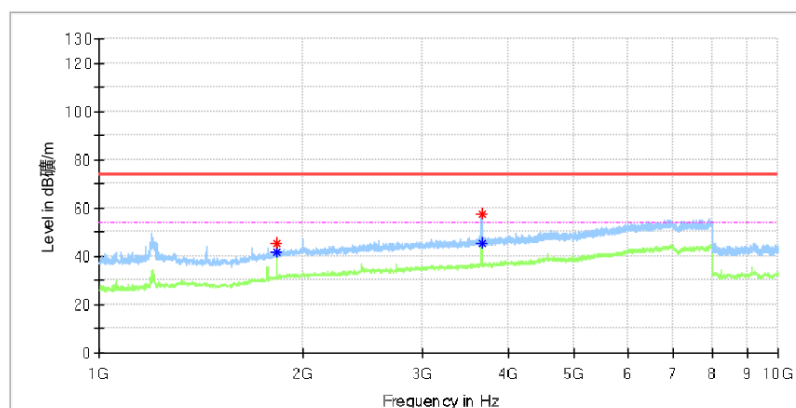
Test

3 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK FHSS 150K Mid CH_914.8MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1829.300000	45.58	---	74.00	28.42	100.0	H	176.0	4.9
1829.300000	---	41.87	54.00	12.13	100.0	H	176.0	4.9
3659.237500	57.17	---	74.00	16.83	100.0	H	289.0	9.4
3660.075000	---	45.39	54.00	8.61	100.0	H	204.0	9.4

27/3/2020

9:52:34 PM

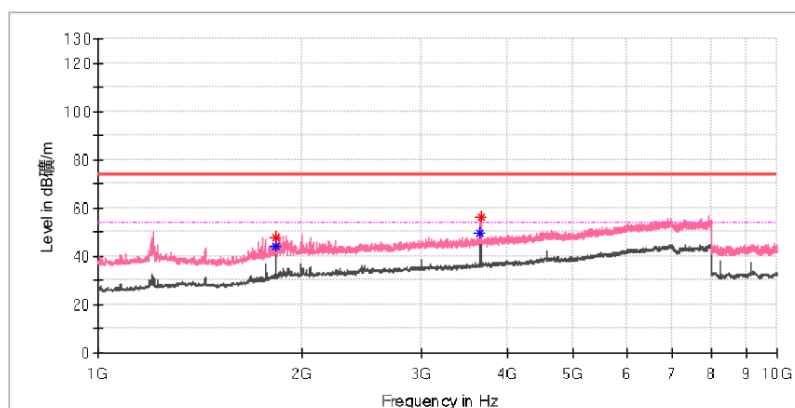
Test

4 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK FHSS 150K Mid CH_914.8MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1829.300000	47.50	---	74.00	26.50	100.0	V	211.0	4.9
1829.300000	---	43.89	54.00	10.11	100.0	V	211.0	4.9
3658.400000	---	49.31	54.00	4.69	100.0	V	173.0	9.4
3659.237500	56.25	---	74.00	17.75	100.0	V	51.0	9.4

27/3/2020

9:52:34 PM

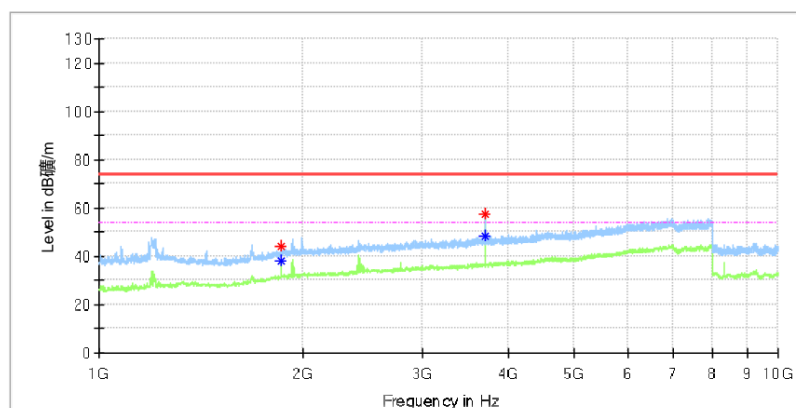
Test

5 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK FHSS 150K High CH_927.6MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1855.262500	---	37.82	54.00	16.18	100.0	H	176.0	5.0
1855.262500	44.25	---	74.00	29.75	100.0	H	176.0	5.0
3709.487500	---	48.66	54.00	5.34	100.0	H	299.0	9.6
3710.325000	57.23	---	74.00	16.77	100.0	H	299.0	9.6

27/3/2020

9:52:34 PM

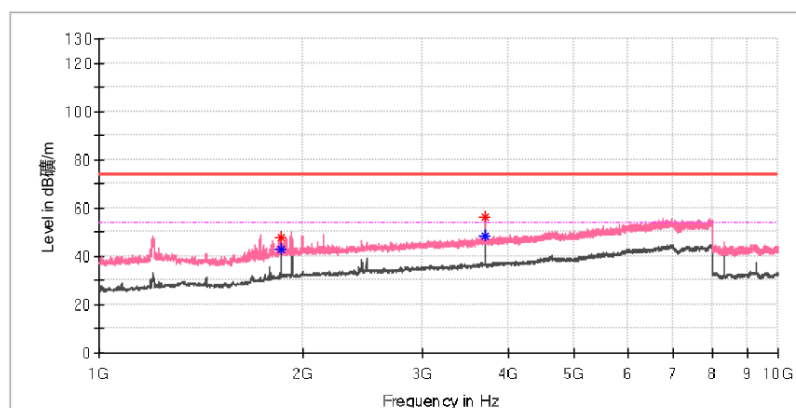
Test

6 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK FHSS 150K High CH_927.6MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1855.262500	47.76	---	74.00	26.24	100.0	V	211.0	5.0
1855.262500	---	42.76	54.00	11.24	100.0	V	211.0	5.0
3709.487500	---	48.16	54.00	5.84	100.0	V	51.0	9.6
3710.325000	56.40	---	74.00	17.60	100.0	V	51.0	9.6

27/3/2020

9:52:34 PM

FHSS#4 (DataRate: 250Kbps)
30 MHz to 1GHz

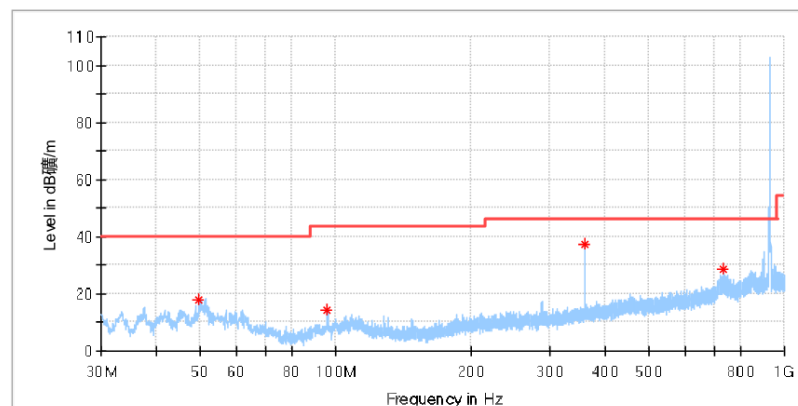
Test

1 / 4

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 250K Low CH
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.594000	18.11	---	40.00	21.89	100.0	H	26.0	-18.6
95.911500	14.08	---	43.50	29.42	100.0	H	50.0	-19.9
359.945500	37.23	---	46.00	8.77	100.0	H	234.0	-15.0
728.545500	28.59	---	46.00	17.41	100.0	H	353.0	-7.9

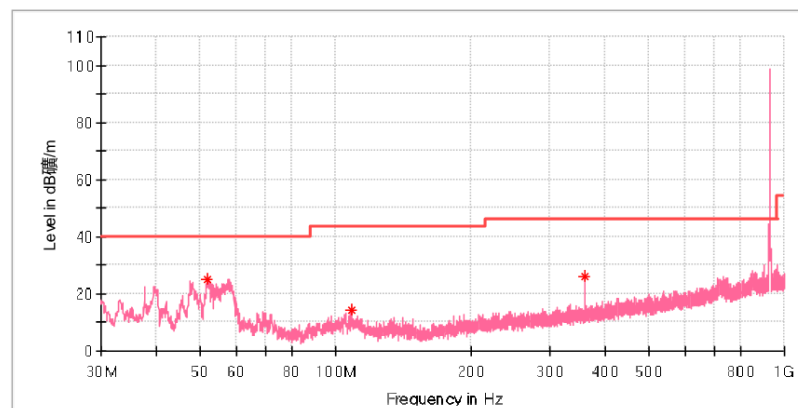
Test

2 / 4

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 250K Low CH
Test Voltage:	AC 120V@60Hz
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
51.970500	24.82	---	40.00	15.18	100.0	V	242.0	-18.6
108.376000	14.41	---	43.50	29.09	100.0	V	218.0	-19.3
359.945500	25.86	---	46.00	20.15	100.0	V	20.0	-15.0

1/4/2020

10:00:11 AM

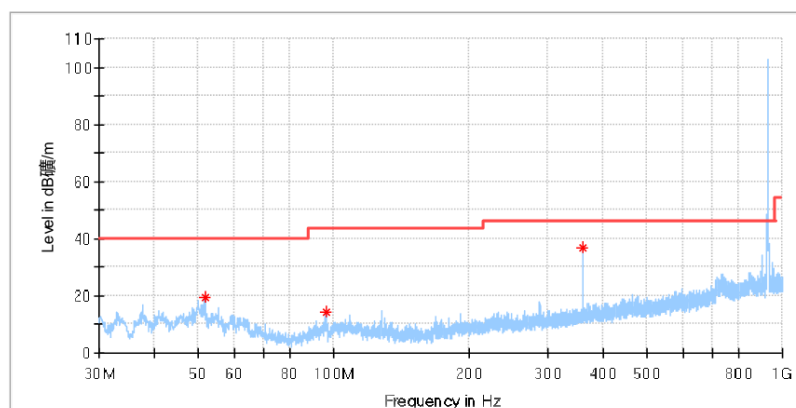
Test

3 / 4

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 250K High CH
Test Voltage:	AC 120V@60Hz
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
51.631000	19.31	---	40.00	20.69	100.0	H	135.0	-18.6
95.960000	14.22	---	43.50	29.28	100.0	H	315.0	-19.9
359.945500	36.88	---	46.00	9.12	100.0	H	233.0	-15.0

1/4/2020

10:00:11 AM

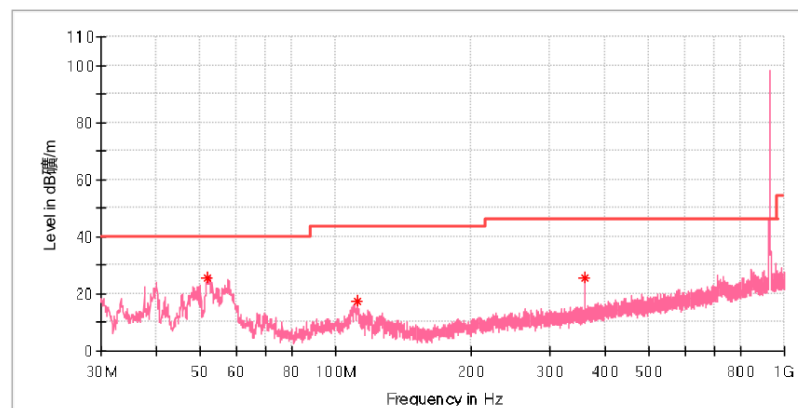
Test

4 / 4

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 250K High CH
Test Voltage:	AC 120V@60Hz
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
51.970500	25.73	---	40.00	14.27	100.0	V	171.0	-18.6
112.062000	17.28	---	43.50	26.22	100.0	V	335.0	-19.7
359.994000	25.83	---	46.00	20.17	100.0	V	278.0	-15.0

1/4/2020

10:00:11 AM

1GHz to 10GHz

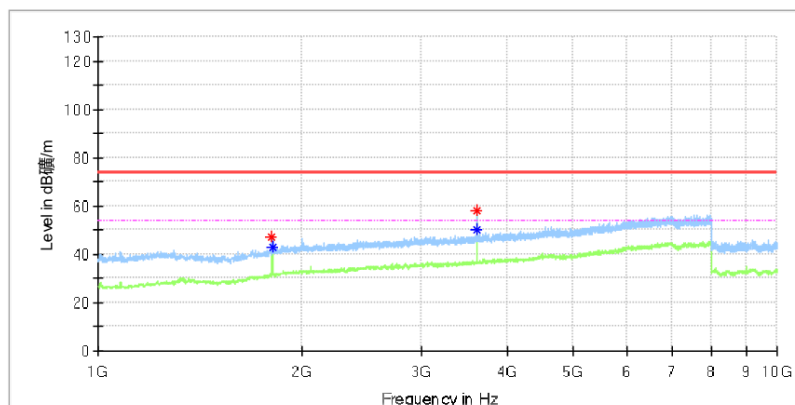
Test

1 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 250K Low CH_902.5MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1804.175000	47.29	---	74.00	26.71	100.0	H	130.0	4.7
1805.012500	---	43.12	54.00	10.88	100.0	H	130.0	4.8
3608.987500	---	50.09	54.00	3.91	100.0	H	177.0	9.4
3609.825000	57.92	---	74.00	16.08	100.0	H	177.0	9.4

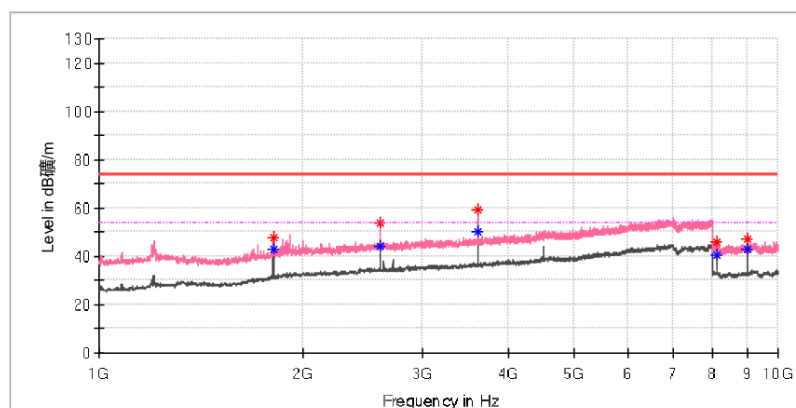
Test

2 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 250K Low CH_902.5MHz
Test Voltage:	AC 120V@60Hz
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1805.012500	---	42.95	54.00	11.05	100.0	V	162.0	4.8
1805.012500	47.59	---	74.00	26.41	100.0	V	162.0	4.8
2599.800000	---	44.36	54.00	9.64	100.0	V	171.0	7.4
2600.637500	53.82	---	74.00	20.18	100.0	V	171.0	7.4
3608.987500	---	50.35	54.00	3.65	100.0	V	12.0	9.4
3609.825000	59.22	---	74.00	14.78	100.0	V	12.0	9.4
8122.000000	---	40.43	54.00	13.57	100.0	V	90.0	8.6
8122.000000	46.13	---	74.00	27.87	100.0	V	90.0	8.6
9024.000000	47.09	---	74.00	26.91	100.0	V	227.0	8.9
9025.000000	---	42.78	54.00	11.22	100.0	V	227.0	8.9

1/4/2020

1:46:25 PM

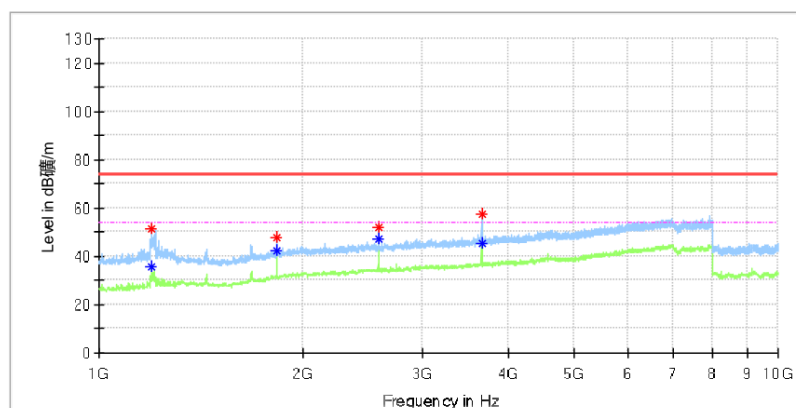
Test

3 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 250K Mid CH_915MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1196.500000	---	35.39	54.00	18.61	100.0	H	71.0	1.1
1197.000000	51.23	---	74.00	22.77	100.0	H	71.0	1.1
1829.300000	---	42.08	54.00	11.92	100.0	H	32.0	4.9
1830.137500	47.99	---	74.00	26.01	100.0	H	32.0	4.9
2578.025000	---	47.00	54.00	7.00	100.0	H	217.0	7.5
2578.862500	52.25	---	74.00	21.75	100.0	H	217.0	7.5
3660.075000	57.54	---	74.00	16.46	100.0	H	170.0	9.4
3660.912500	---	45.11	54.00	8.89	100.0	H	170.0	9.5

1/4/2020

1:46:25 PM

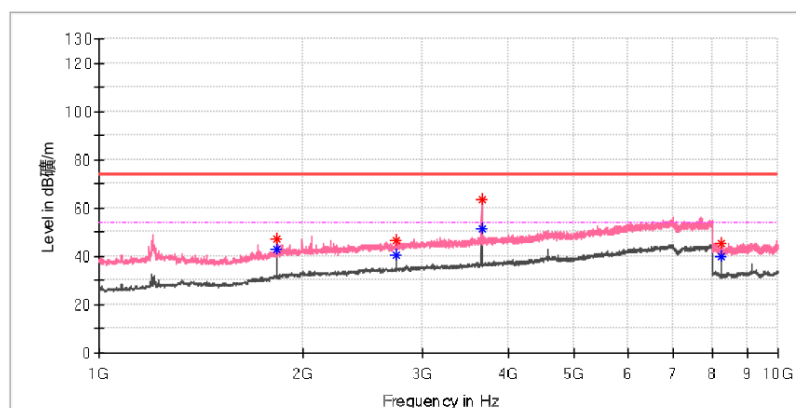
Test

4 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 250K Mid CH_915MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1829.300000	---	42.78	54.00	11.22	100.0	V	125.0	4.9
1829.300000	47.12	---	74.00	26.88	100.0	V	125.0	4.9
2744.687500	---	40.67	54.00	13.33	100.0	V	87.0	7.8
2744.687500	46.35	---	74.00	27.65	100.0	V	87.0	7.8
3660.075000	63.63	---	74.00	10.37	100.0	V	87.0	9.4
3660.912500	---	50.52	54.00	3.48	100.0	V	87.0	9.5
8234.500000	45.24	---	74.00	28.76	100.0	V	105.0	8.4
8235.000000	---	39.85	54.00	14.15	100.0	V	105.0	8.4

1/4/2020

1:46:25 PM

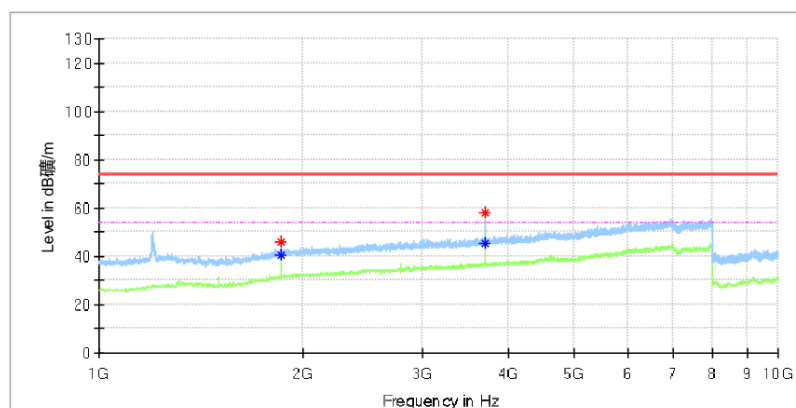
Test

5 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 250K High CH_927.5MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1854.425000	---	40.76	54.00	13.24	100.0	H	351.0	5.0
1854.425000	45.81	---	74.00	28.19	100.0	H	351.0	5.0
3708.650000	---	45.11	54.00	8.89	100.0	H	176.0	9.6
3710.325000	58.04	---	74.00	15.96	100.0	H	305.0	9.6

1/4/2020

1:46:25 PM

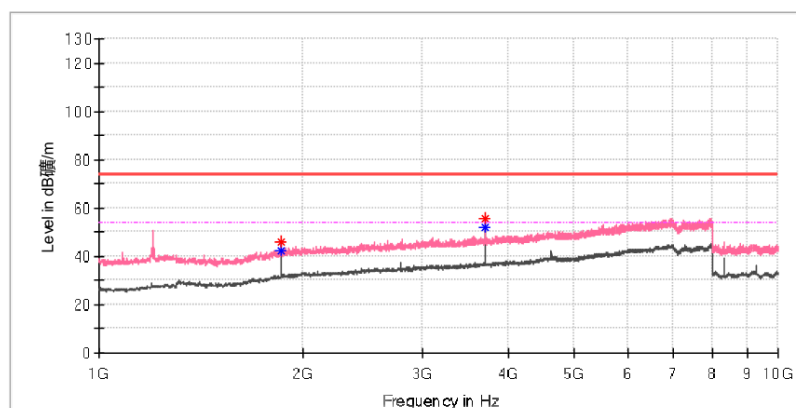
Test

6 / 6

Test Report

EUT Information

EUT Name:	Floodlight Wired
Model:	5W21S8
Test Mode:	FSK_FHSS 250K High CH_927.5MHz
Test Voltage::	AC 120V@60Hz
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1854.425000	46.25	---	74.00	27.75	100.0	V	242.0	5.0
1854.425000	---	42.30	54.00	11.70	100.0	V	242.0	5.0
3709.487500	55.66	---	74.00	18.34	100.0	V	214.0	9.6
3709.487500	---	50.87	54.00	3.13	100.0	V	214.0	9.6

1/4/2020

1:46:25 PM