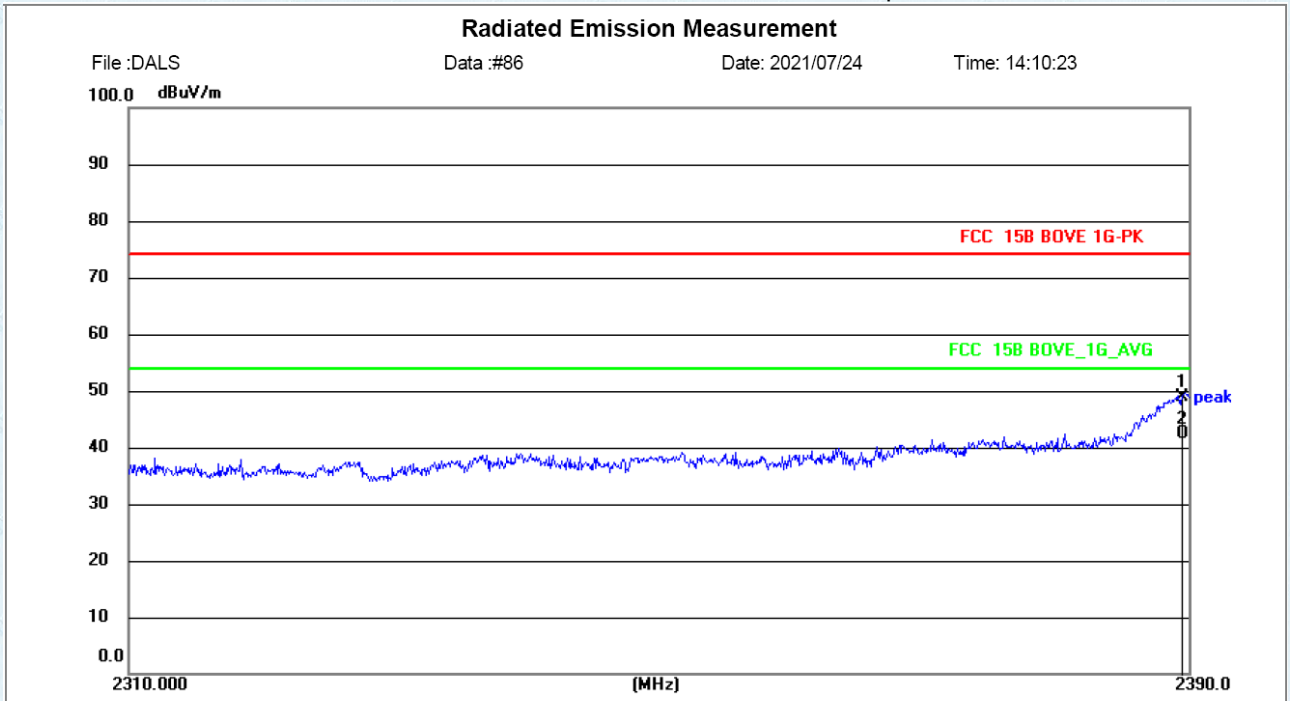


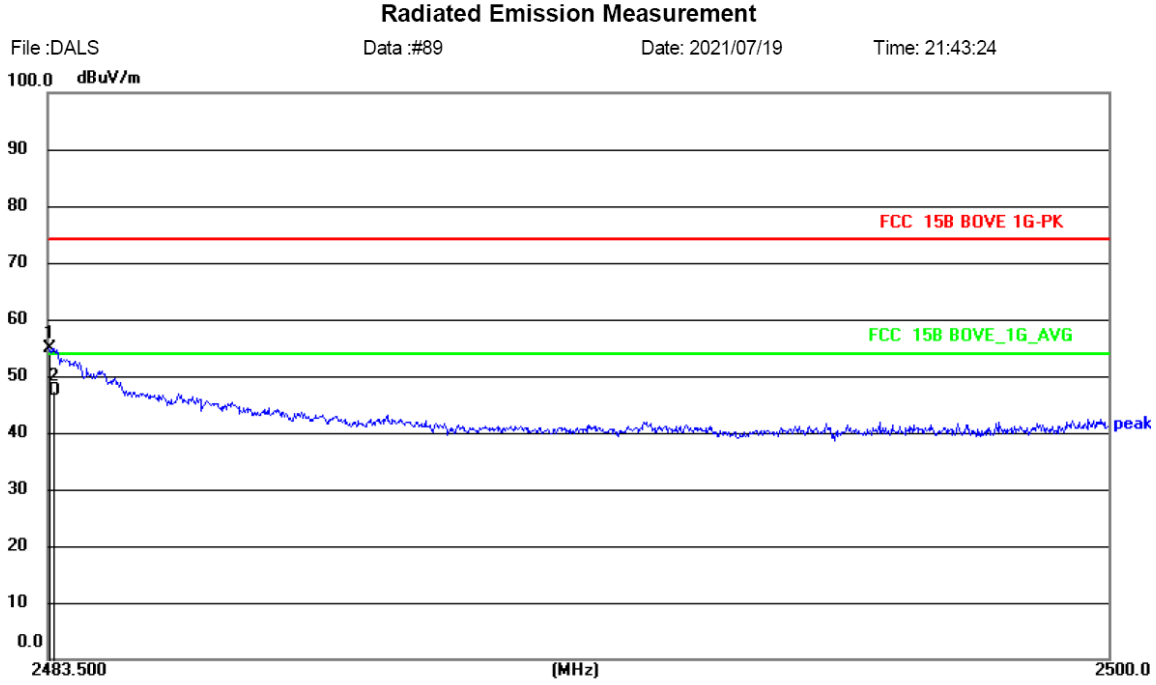
Site 966 Chamber
Limit: FCC 15B BOVE 1G-PK
EUT: Smart Plug
M/N: SM-PLUG
Mode: WIFI 2422 MHz n40
Note: DALS Lighting Inc. Operater:Kahn

Polarization: *Vertical*
Power: AC120V/60Hz
Distance: 3m

Temperature: 26(C)
Humidity: 54 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2389.520	45.10	3.90	49.00	74.00	25.00	peak	152	18	P	
2 *	2389.520	38.59	3.90	42.49	54.00	11.51	AVG	161	35	P	

Test mode:	802.11n(HT40)	Test channel:	Highest

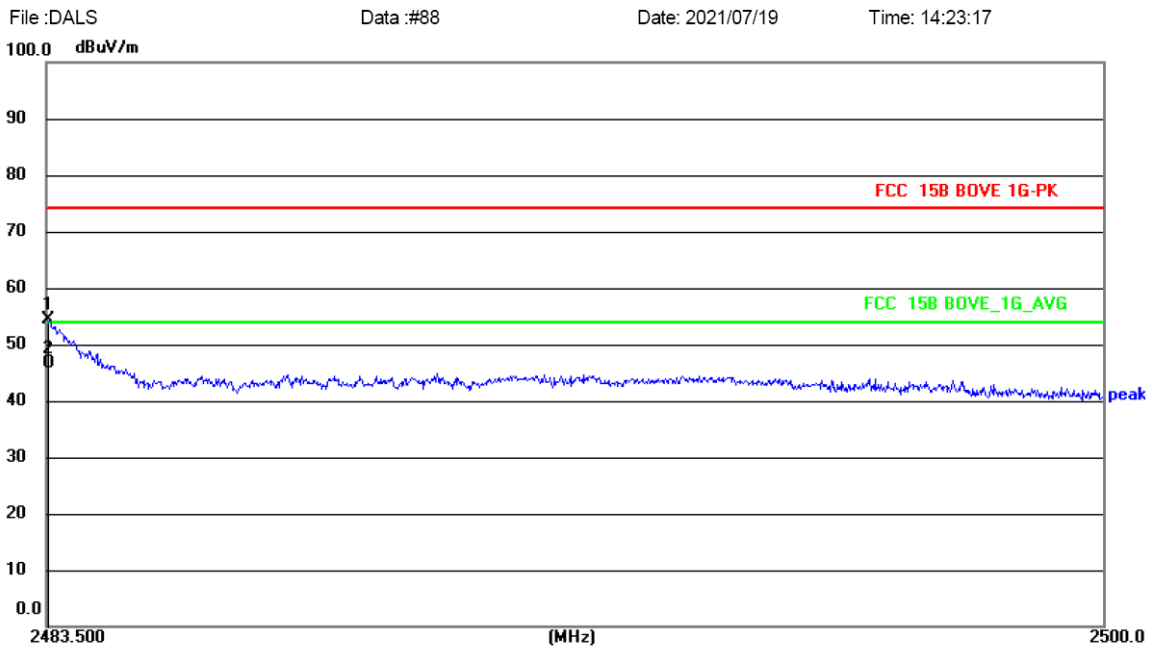


Site 966 Chamber
Limit: FCC 15B BOVE 1G-PK
EUT: Smart Plug
M/N: SM-PLUG
Mode: WIFI 2452 MHz n40
Note: DALS Lighting Inc. Operater:Kahn

Polarization: *Horizontal*
Power: AC120V/60Hz
Distance: 3m

Temperature: 26(C)
Humidity: 54 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2483.522	50.71	4.28	54.99	74.00	19.01	peak	171	105	P	
2 *	2483.604	43.10	4.28	47.38	54.00	6.62	AVG	167	112	P	



Site 966 Chamber
Limit: FCC 15B BOVE 1G-PK
EUT: Smart Plug
M/N: SM-PLUG
Mode: WIFI 2452 MHz n40
Note: DALS Lighting Inc. Operater:Kahn

Polarization: *Vertical*
Power: AC120V/60Hz
Distance: 3m

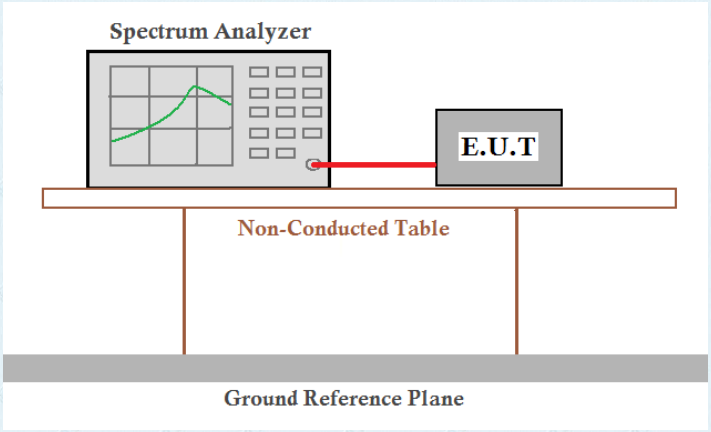
Temperature: 26(C)
Humidity: 54 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2483.522	50.21	4.28	54.49	74.00	19.51	peak	131	58	P	
2 *	2483.522	42.34	4.28	46.62	54.00	7.38	AVG	142	104	P	

Remarks:
1. *The tests were performed on lowest and highest frequencies.*
2. *Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor*
3. *The emission levels of other frequencies are very lower than the limit and not show in test report.*

7.7 Spurious Emission

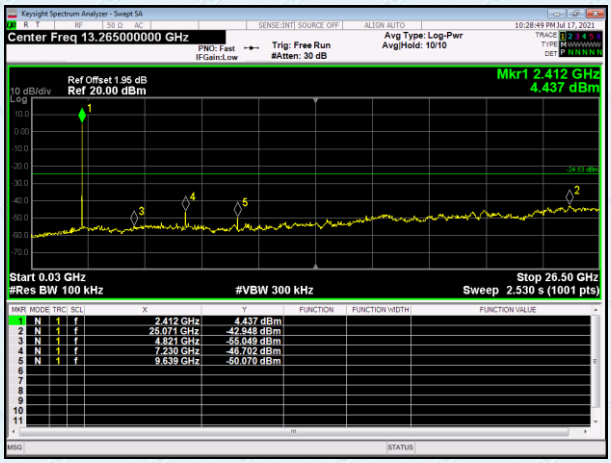
7.7.1 Conducted Emission Method

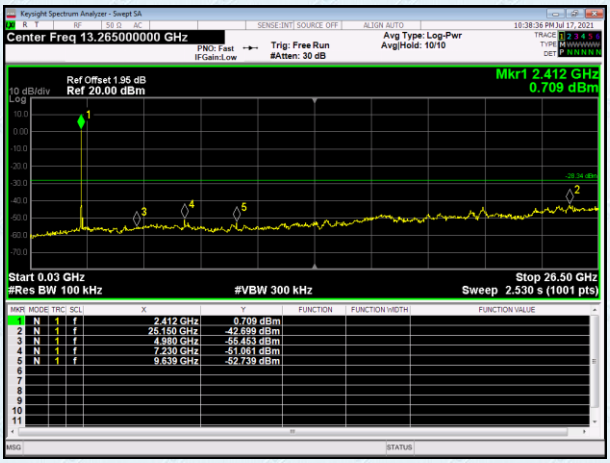
Test Requirement:	FCC Part15 C Section 15.247 (d) RSS-247 Section 5.5
Test Method:	KDB558074 D01 15.247 Meas Guidance v05r02 ANSI C63.10:2013 & RSS-Gen
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test setup:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Test plot as follows:

Test mode:	802.11b	Test mode:	802.11g

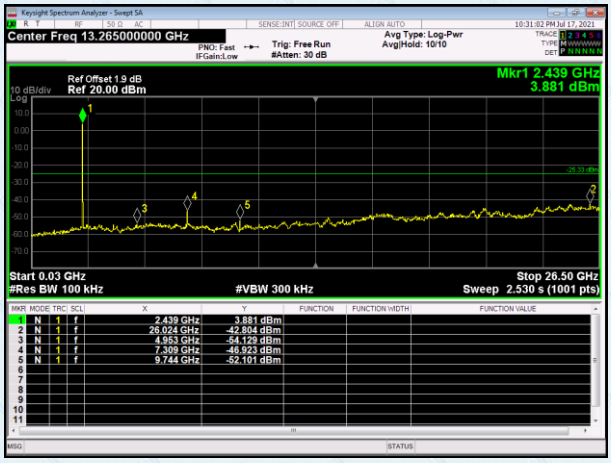
Lowest channel

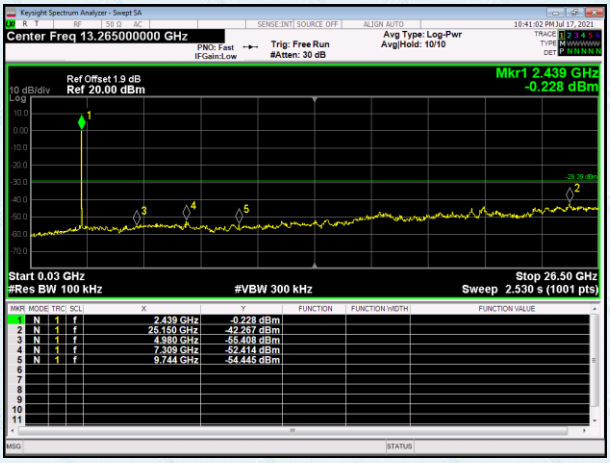




30MHz~26.5GHz

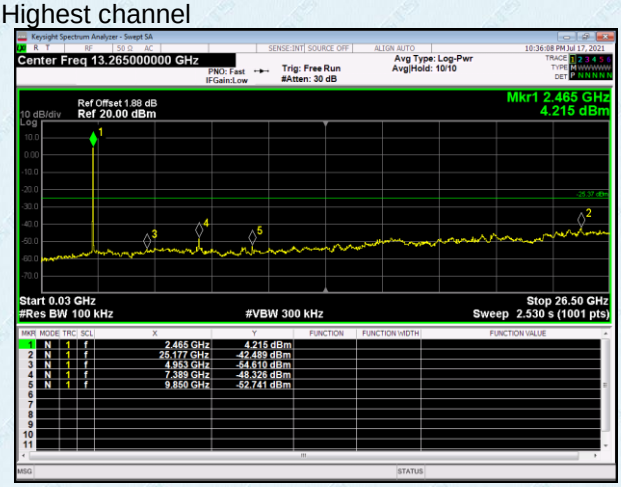
Middle channel

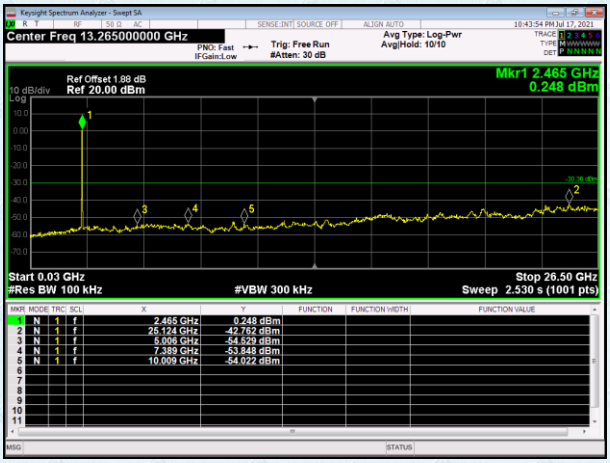




30MHz~26.5GHz

Highest channel

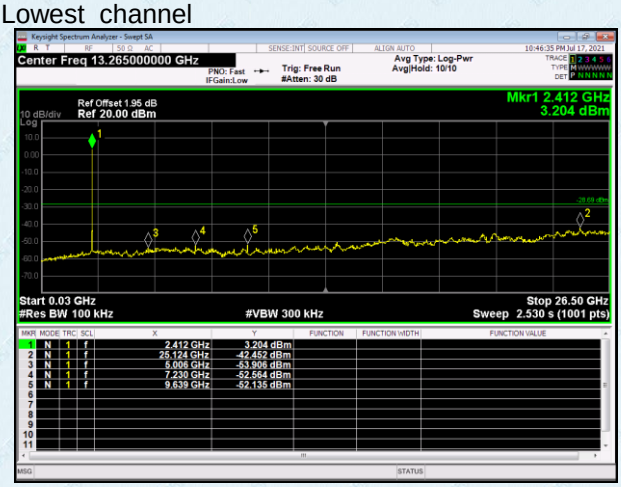


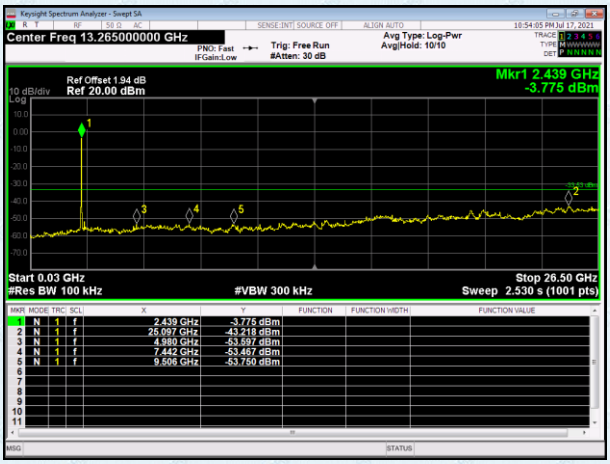


30MHz~26.5GHz

Test mode:	802.11n(HT20)	Test mode:	802.11n(HT40)

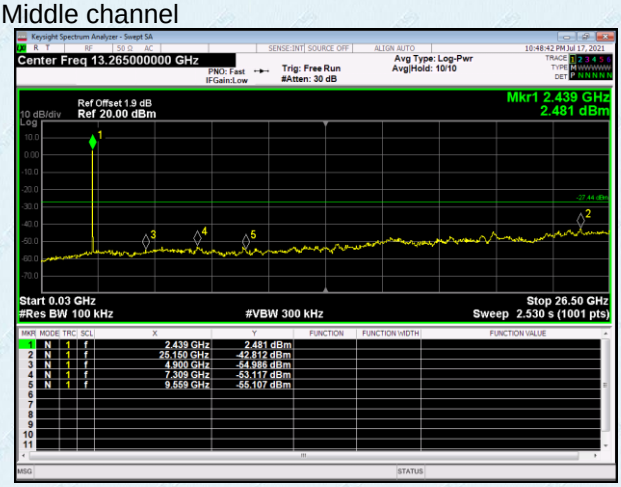
Lowest channel

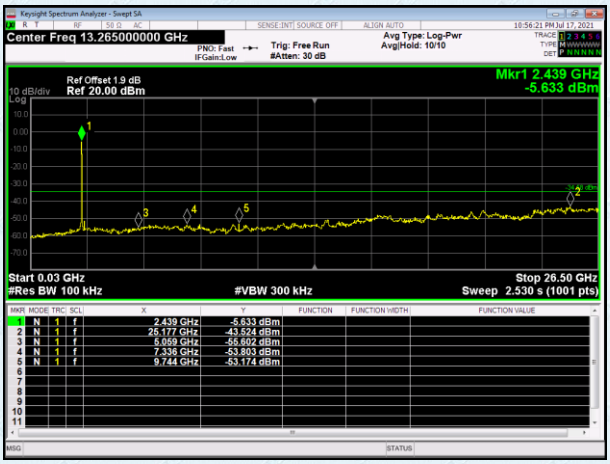




30MHz~26.5GHz

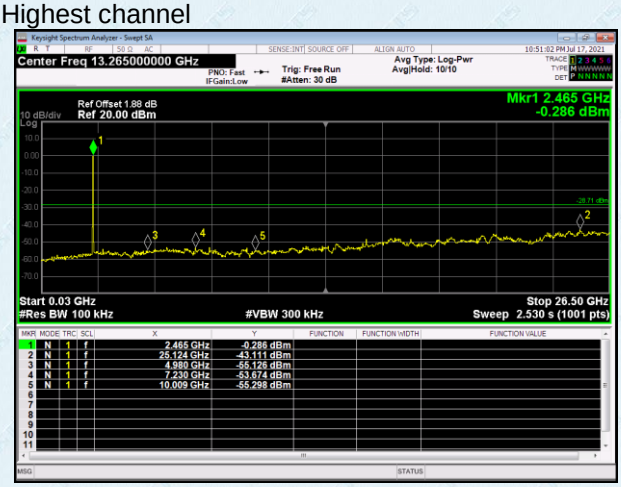
Middle channel

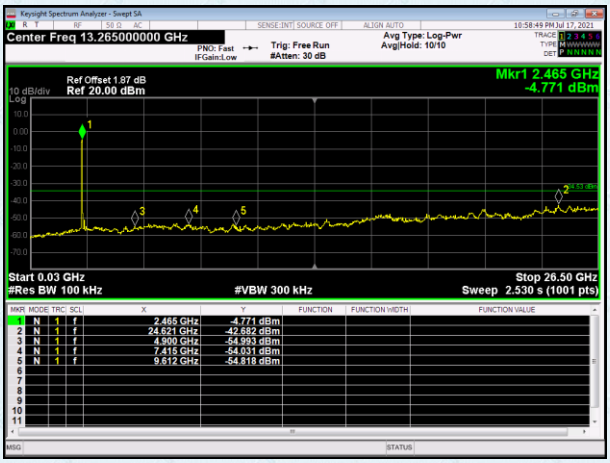




30MHz~26.5GHz

Highest channel





30MHz~26.5GHz

7.7.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209 RSS-247 Section 3.3 & RSS-Gen Section 8.9
Test Method:	ANSI C63.10: 2013 & RSS-Gen
Test Frequency Range:	9kHz to 26.5GHz
Test site:	Measurement Distance: 3m

Receiver setup:

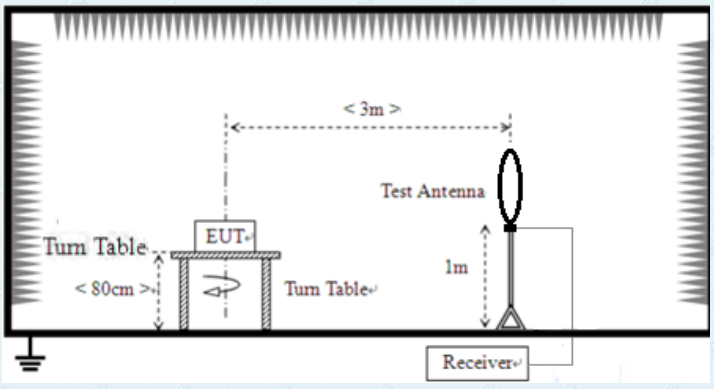
Frequency	Detector	RBW	VBW	Value
9KHz-150KHz	Quasi-peak	200Hz	600Hz	Quasi-peak
150KHz-30MHz	Quasi-peak	9KHz	30KHz	Quasi-peak
30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
	Peak	1MHz	10Hz	Average

Limit:

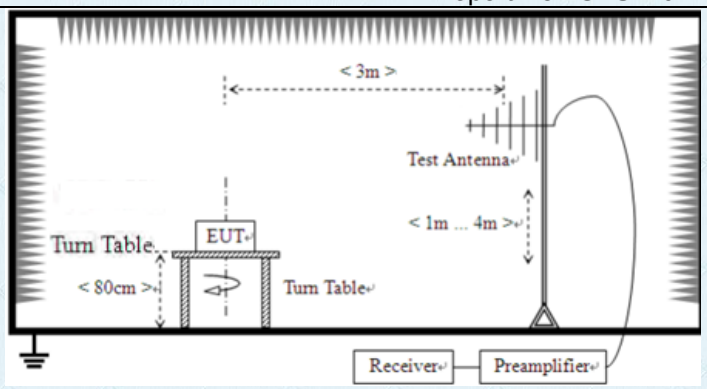
Frequency	Limit (uV/m)	Value	Measurement Distance
0.009MHz-0.490MHz	2400/F(KHz)	QP	300m
0.490MHz-1.705MHz	24000/F(KHz)	QP	300m
1.705MHz-30MHz	30	QP	30m
30MHz-88MHz	100	QP	3m
88MHz-216MHz	150	QP	
216MHz-960MHz	200	QP	
960MHz-1GHz	500	QP	
Above 1GHz	500	Average	
	5000	Peak	

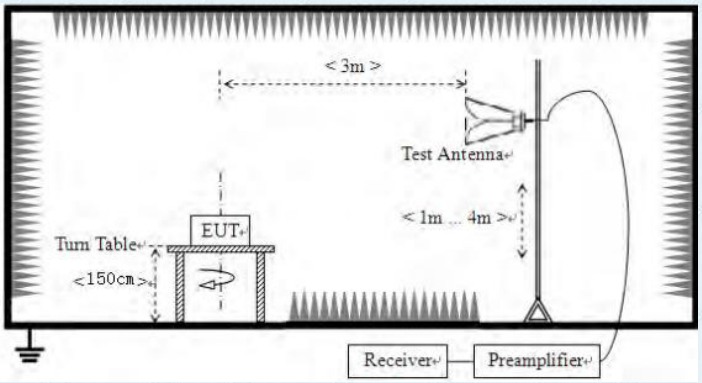
Test setup:

For radiated emissions from 9kHz to 30MHz



For radiated emissions from 30MHz to1GHz

<table>
<tr><td></td><td> 

For radiated emissions above 1GHz

</td></tr>
<tr><td>Test Procedure:</td><td>1. The EUT was placed on the top of a rotating table (0.8m for below 1G and 1.5m for above 1G) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</td></tr>
<tr><td>Test Instruments:</td><td>Refer to section 6.0 for details</td></tr>
<tr><td>Test mode:</td><td>Refer to section 5.2 for details</td></tr>
</table>

Test environment:	Temp.:	25 °C	Humid.:	52%	Press.:	1012mbar
Test voltage:	AC 120V, 60Hz					
Test results:	Pass					

Remarks:

1. *Only the worst case Main Antenna test data.*
2. *Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.*

Measurement data:

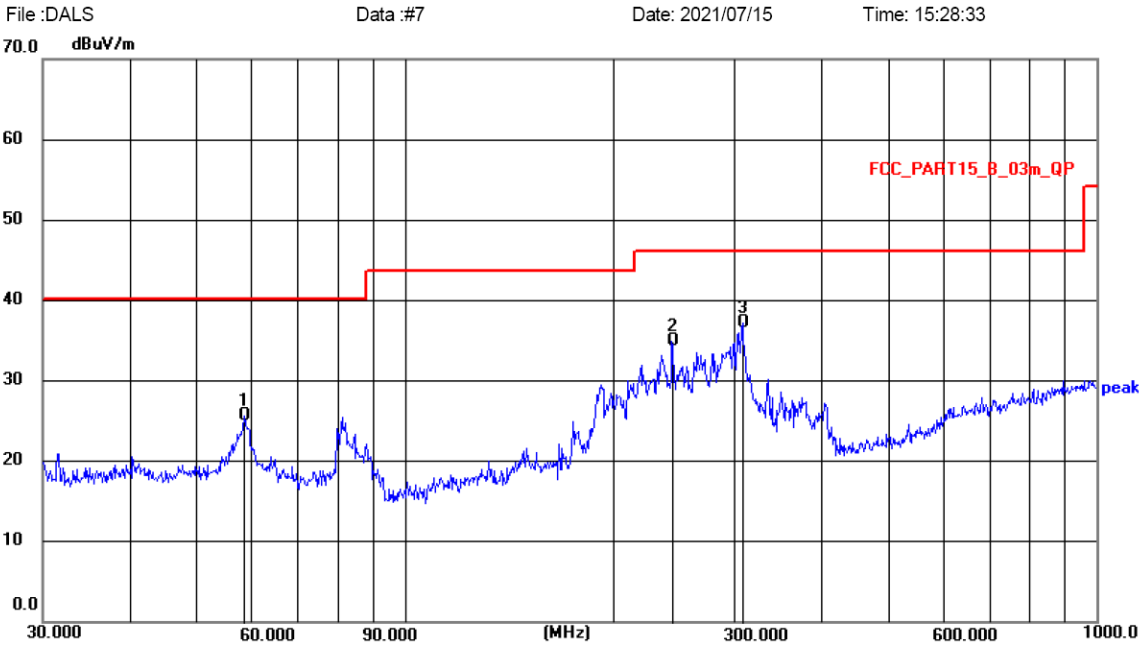
■ **9kHz~30MHz**

The emission from 9 kHz-30MHz and 18-26.5GHz was pre-tested and found the result was 20dB lower than the limit, and according to 15.31(o) & RSS-Gen 6.13, the test result no need to reported.

■ **Below 1GHz**

Pre-scan all test modes, found worst case at 802.11b 2412MHz, and so only show the test result of 802.11b 2412MHz

Horizontal:



Site 966 Chamber
Limit: FCC_PART15_B_03m_QP
EUT: Smart Plug
M/N: SM-PLUG
Mode: WIFI 2412MHz
Note: DALS Lighting Inc. Operater:Kahn

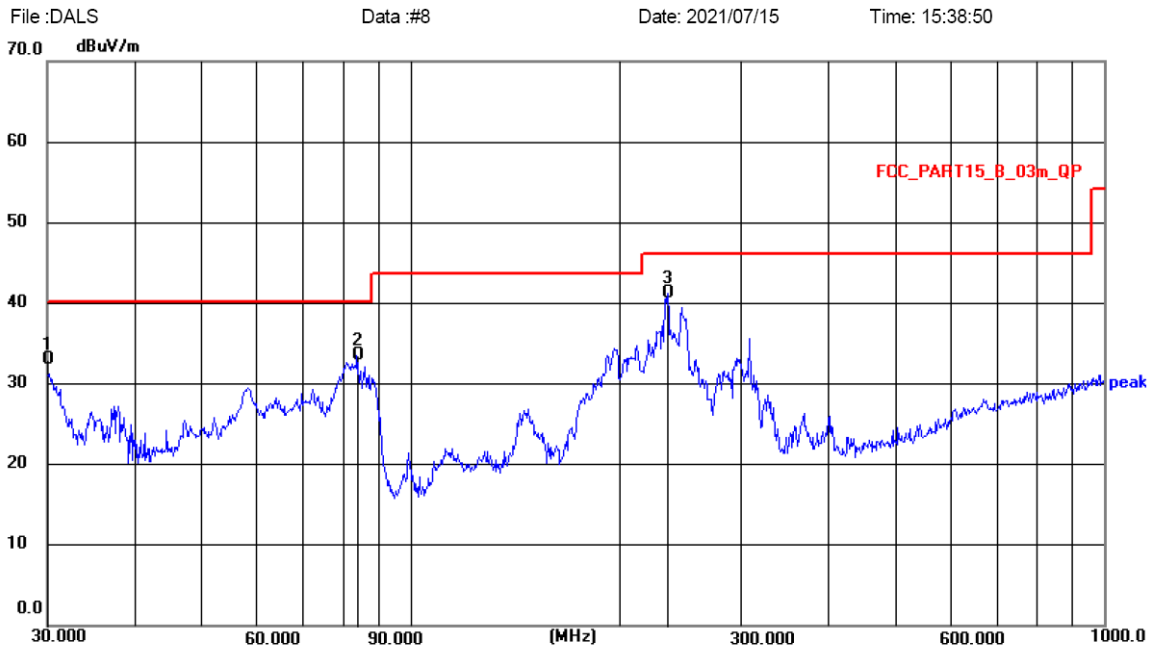
Polarization: *Horizontal*
Power: AC120V/60Hz
Distance: 3m

Temperature: 26(C)
Humidity: 54 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	58.6126	11.41	14.29	25.70	40.00	14.30	QP	146	138	P	
2	243.3772	21.43	13.41	34.84	46.00	11.16	QP	219	27	P	
3 *	307.8313	22.19	14.96	37.15	46.00	8.85	QP	104	156	P	

Remark:
1 Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2 The emission levels of other frequencies are very lower than the limit and not show in test report.

Vertical:



Site 966 Chamber
Limit: FCC_PART15_B_03m_QP
EUT: Smart Plug
M/N: SM-PLUG
Mode: WIFI 2412MHz
Note: DALS Lighting Inc. Operater:Kahn

Polarization: *Vertical*
Power: AC120V/60Hz
Distance: 3m

Temperature: 26(C)
Humidity: 54 %

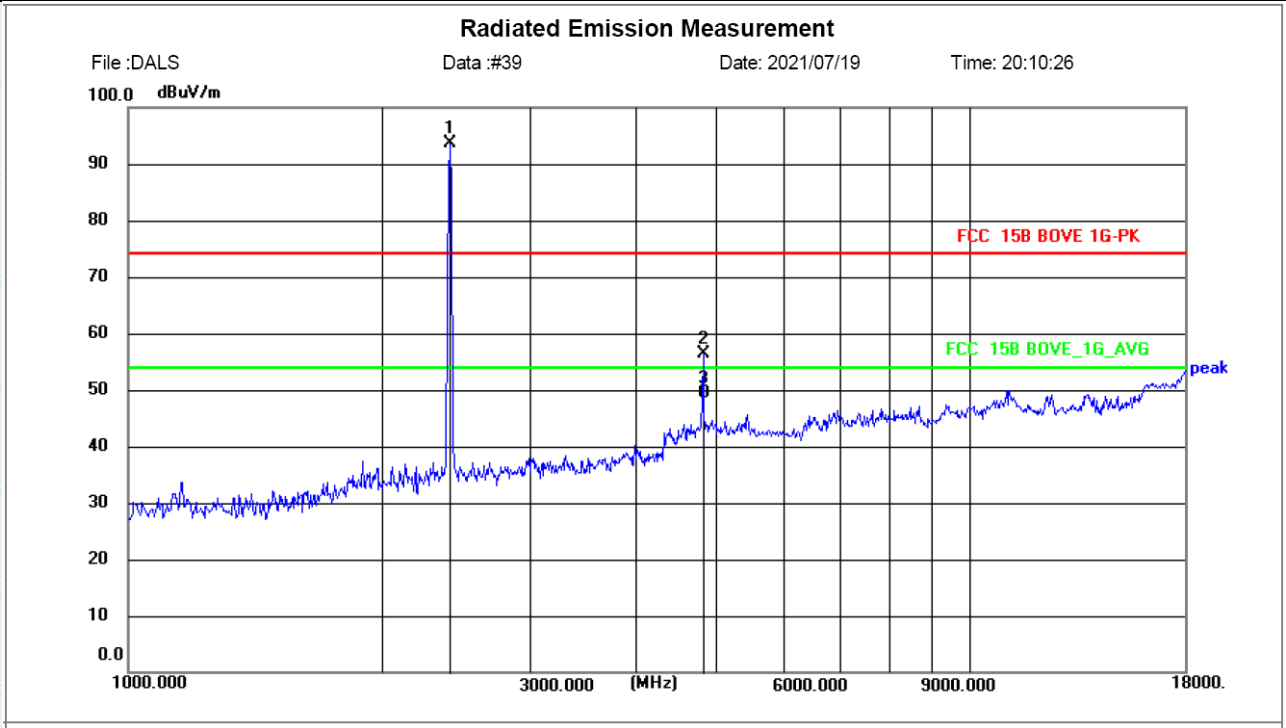
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	30.0000	18.53	14.40	32.93	40.00	7.07	QP	115	131	P	
2	83.8156	22.55	11.01	33.56	40.00	6.44	QP	154	129	P	
3 *	234.9909	28.10	13.15	41.25	46.00	4.75	QP	204	278	P	

Remark:
1 Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2 The emission levels of other frequencies are very lower than the limit and not show in test report.

■ **Above 1GHz**

Pre-scan all test modes, found worst case at 802.11b, and so only show the test result of 802.11b.

Test mode:	802.11b	Test channel:	Lowest



Site 966 Chamber
Limit: FCC 15B BOVE 1G-PK
EUT: Smart Plug
M/N: SM-PLUG
Mode: WIFI 2412 MHz b
Note: DALS Lighting Inc. Operater:Kahn

Polarization: ***Horizontal***
Power: AC120V/60Hz
Distance: 3m

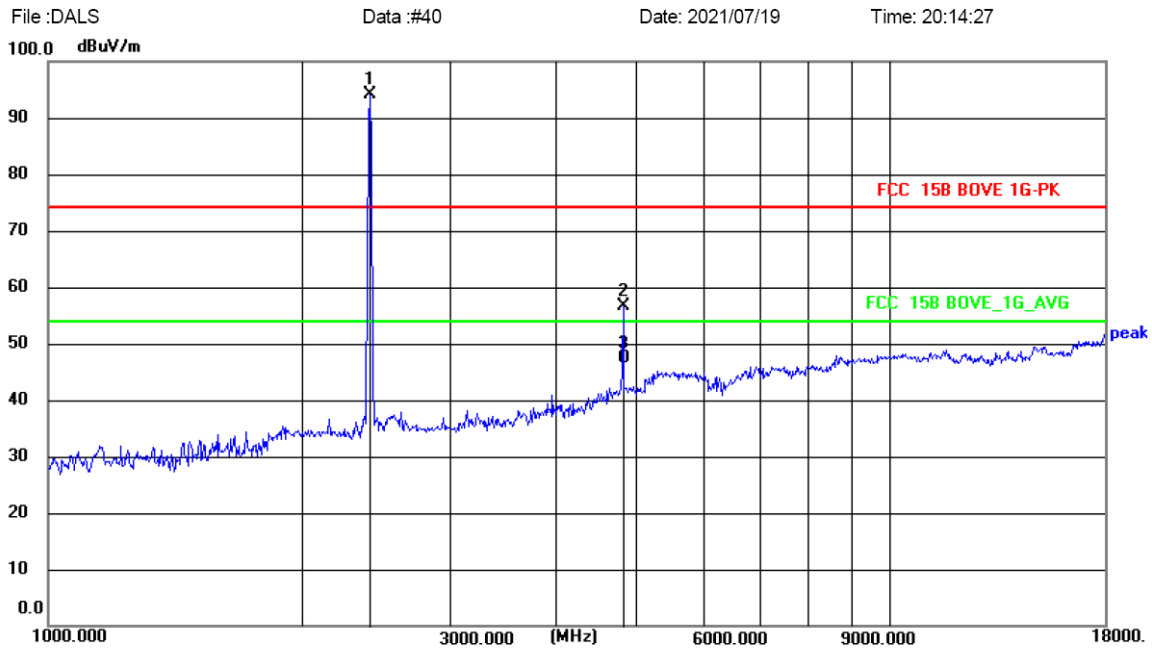
Temperature: 26(C)
Humidity: 54 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2412.000	89.65	3.99	93.64	/	/	peak	148	23	/	
2	4824.000	46.55	9.84	56.39	74.00	17.61	peak	100	147	P	
3	4824.000	39.42	9.84	49.26	54.00	4.74	AVG	102	142	P	

Remark:
1 Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2 The emission levels of other frequencies are very lower than the limit and not show in test report.

Test mode:	802.11b	Test channel:	Lowest

Radiated Emission Measurement



Site 966 Chamber
Limit: FCC 15B BOVE 1G-PK
EUT: Smart Plug
M/N: SM-PLUG
Mode: WIFI 2412 MHz b
Note: DALS Lighting Inc. Operater:Kahn

Polarization: *Vertical*
Power: AC120V/60Hz
Distance: 3m

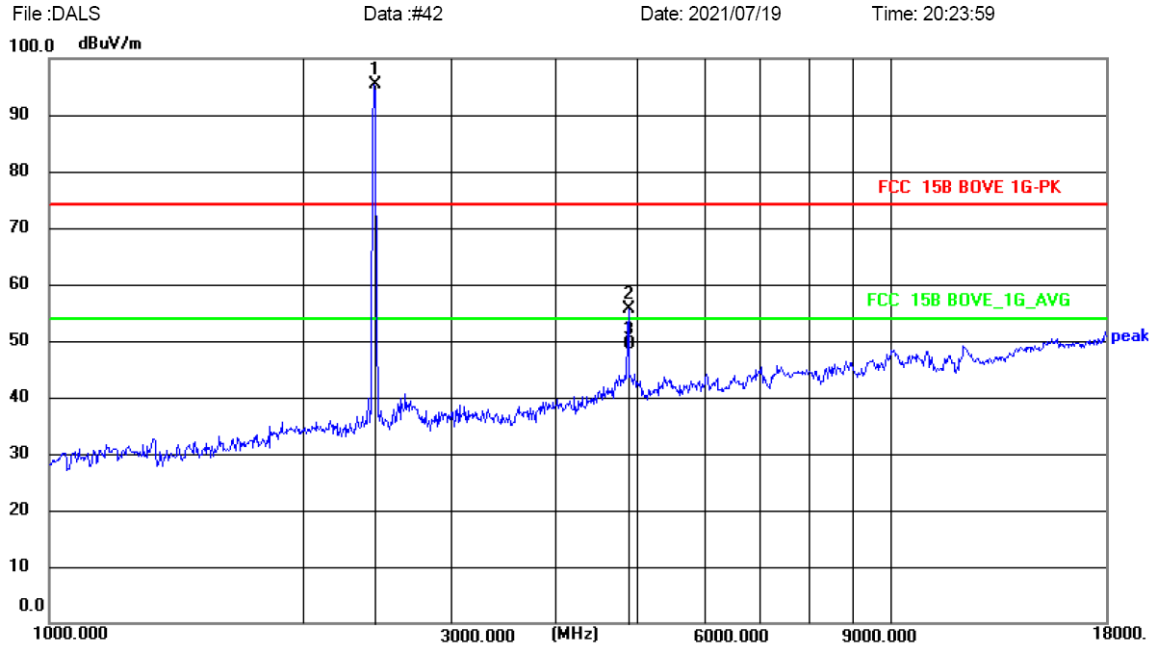
Temperature: 26(C)
Humidity: 54 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2412.000	90.05	3.99	94.04	/	/	peak	148	59	/	
2	4824.000	46.87	9.84	56.71	74.00	17.29	peak	105	149	P	
3	4825.000	37.56	9.84	47.40	54.00	6.60	AVG	110	235	P	

Remark:
1 Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2 The emission levels of other frequencies are very lower than the limit and not show in test report.

Test mode:	802.11b	Test channel:	Middle

Radiated Emission Measurement



Site 966 Chamber
Limit: FCC 15B BOVE 1G-PK
EUT: Smart Plug
M/N: SM-PLUG
Mode: WIFI 2437 MHz b
Note: DALS Lighting Inc. Operater:Kahn

Polarization: ***Horizontal***
Power: AC120V/60Hz
Distance: 3m

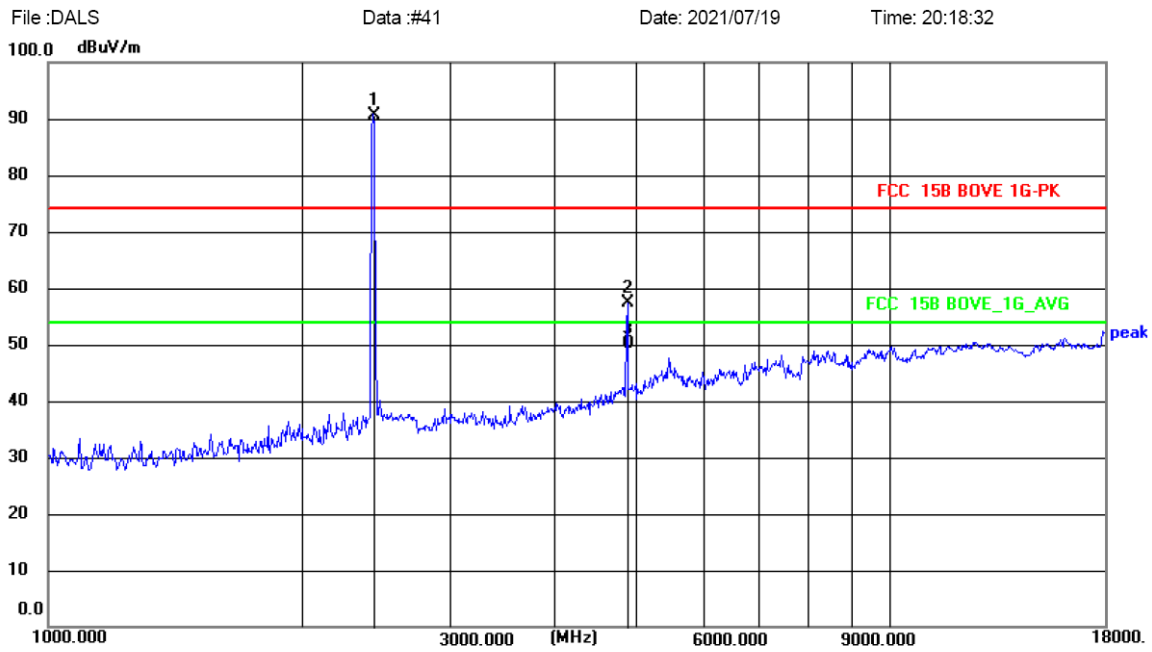
Temperature: 26(C)
Humidity: 54 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2437.000	91.28	4.09	95.37	/	/	peak	157	153	/	
2	4874.000	45.72	10.03	55.75	74.00	18.25	peak	107	25	P	
3	4874.000	39.38	10.03	49.41	54.00	4.59	AVG	121	55	P	

Remark:
1 Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2 The emission levels of other frequencies are very lower than the limit and not show in test report.

Test mode:	802.11b	Test channel:	Middle

Radiated Emission Measurement



Site 966 Chamber
Limit: FCC 15B BOVE 1G-PK
EUT: Smart Plug
M/N: SM-PLUG
Mode: WIFI 2437 MHz b
Note: DALS Lighting Inc. Operater:Kahn

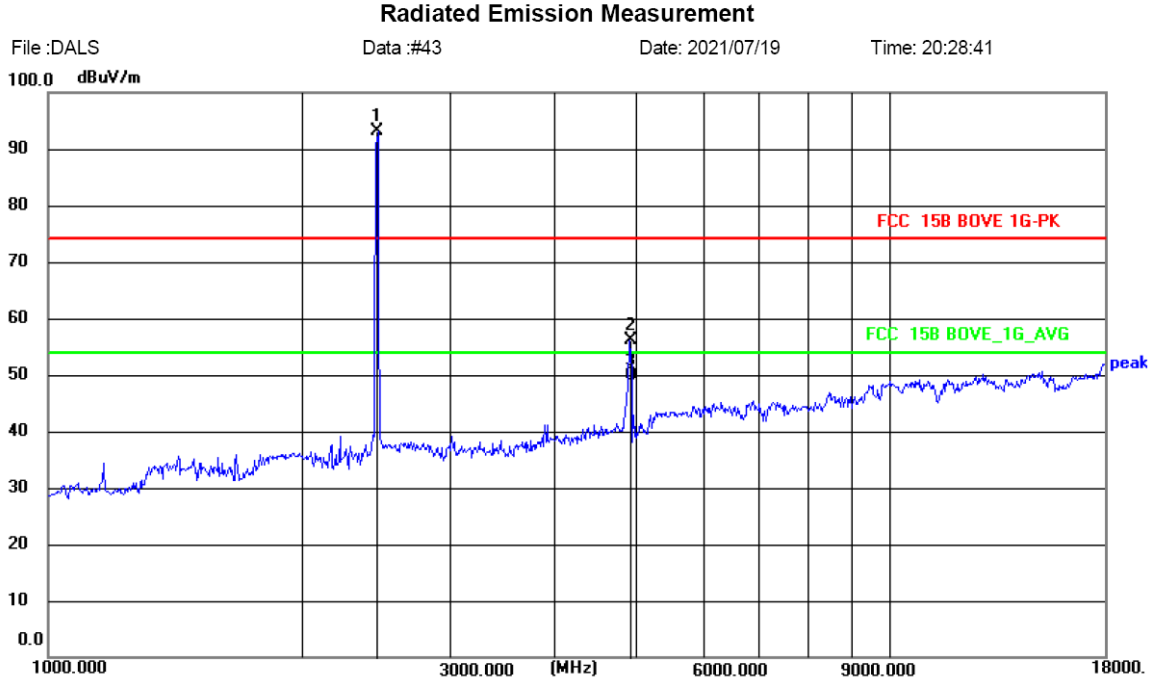
Polarization: *Vertical*
Power: AC120V/60Hz
Distance: 3m

Temperature: 26(C)
Humidity: 54 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2437.000	86.52	4.09	90.61	/	/	peak	156	243	/	
2	4874.000	47.41	10.03	57.44	74.00	16.56	peak	113	25	P	
3	4876.000	40.05	10.05	50.10	54.00	3.90	AVG	107	129	P	

Remark:
1 Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2 The emission levels of other frequencies are very lower than the limit and not show in test report.

Test mode:	802.11b	Test channel:	Highest



Site 966 Chamber
Limit: FCC 15B BOVE 1G-PK
EUT: Smart Plug
M/N: SM-PLUG
Mode: WIFI 2462 MHz b
Note: DALS Lighting Inc. Operater:Kahn

Polarization: ***Horizontal***
Power: AC120V/60Hz
Distance: 3m

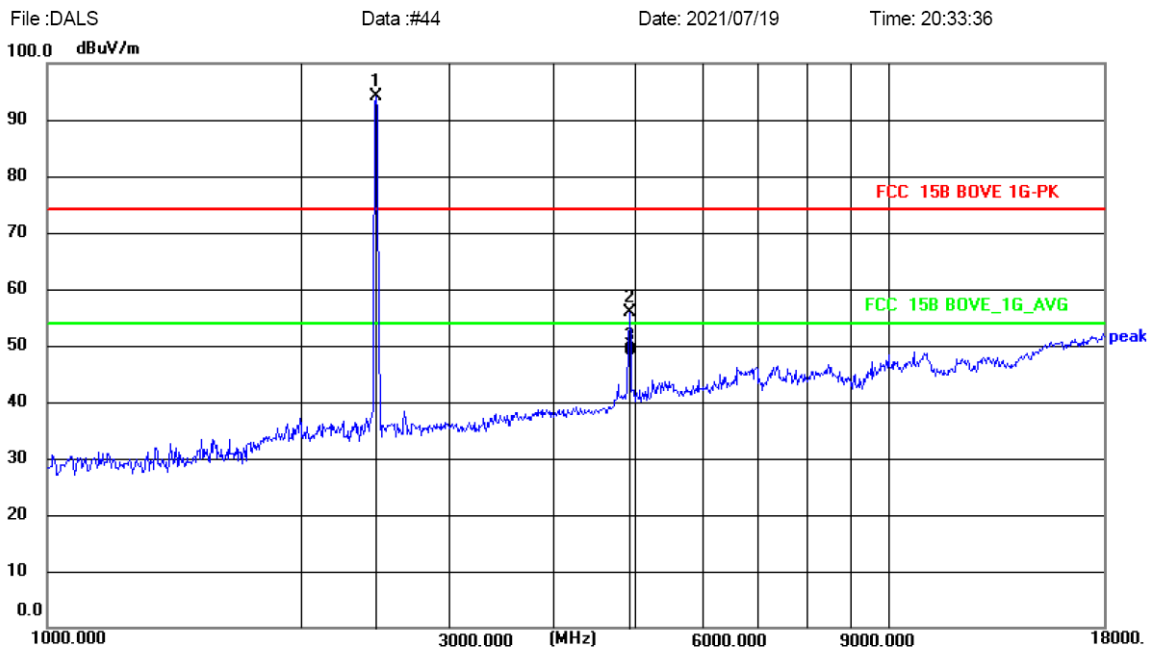
Temperature: 26(C)
Humidity: 54 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2462.000	89.02	4.19	93.21	/	/	peak	145	81	/	
2	4924.000	46.03	10.21	56.24	74.00	17.76	peak	103	341	P	
3	4924.000	39.56	10.21	49.77	54.00	4.23	AVG	112	26	P	

Remark:
1 Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2 The emission levels of other frequencies are very lower than the limit and not show in test report.

Test mode:	802.11b	Test channel:	Highest

Radiated Emission Measurement



Site 966 Chamber
Limit: FCC 15B BOVE 1G-PK
EUT: Smart Plug
M/N: SM-PLUG
Mode: WIFI 2462 MHz b
Note: DALS Lighting Inc. Operater:Kahn

Polarization: *Vertical*
Power: AC120V/60Hz
Distance: 3m

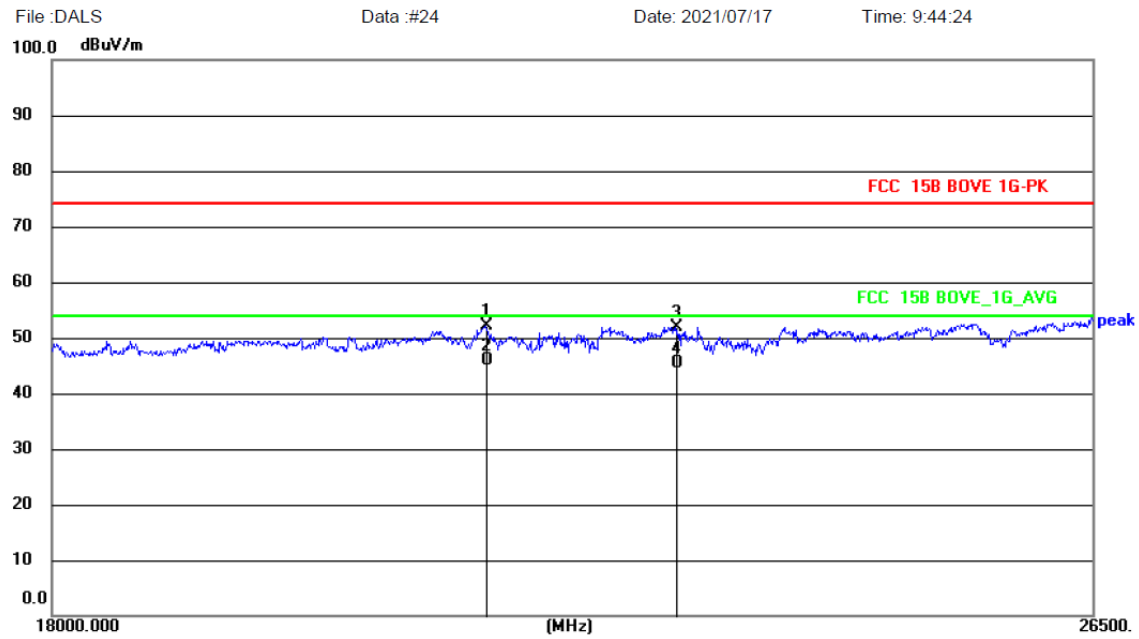
Temperature: 26(C)
Humidity: 54 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2462.000	89.83	4.19	94.02	/	/	peak	175	134	/	
2	4924.000	45.62	10.21	55.83	74.00	18.17	peak	128	42	P	
3	4924.000	38.95	10.21	49.16	54.00	4.84	AVG	136	257	P	

Remark:
1 Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2 The emission levels of other frequencies are very lower than the limit and not show in test report.

Test mode:	802.11b	Test channel:	Lowest

Radiated Emission Measurement



Site 966 Chamber
Limit: FCC 15B BOVE 1G-PK
EUT: Smart Plug
M/N: SM-PLUG
Mode: WIFI 2412MHz b
Note: DALS Lighting Inc. Operater:Kahn

Polarization: *Horizontal*
Power: AC120V/60Hz
Distance: 3m

Temperature: 26(C)
Humidity: 54 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	21150.667	62.63	-10.51	52.12	74.00	21.88	peak	106	197	P	
2 *	21150.667	56.32	-10.51	45.81	54.00	8.19	AVG	112	201	P	
3	22697.667	61.46	-9.47	51.99	74.00	22.01	peak	143	108	P	
4	22697.667	54.78	-9.47	45.31	54.00	8.69	AVG	136	89	P	

Remark:

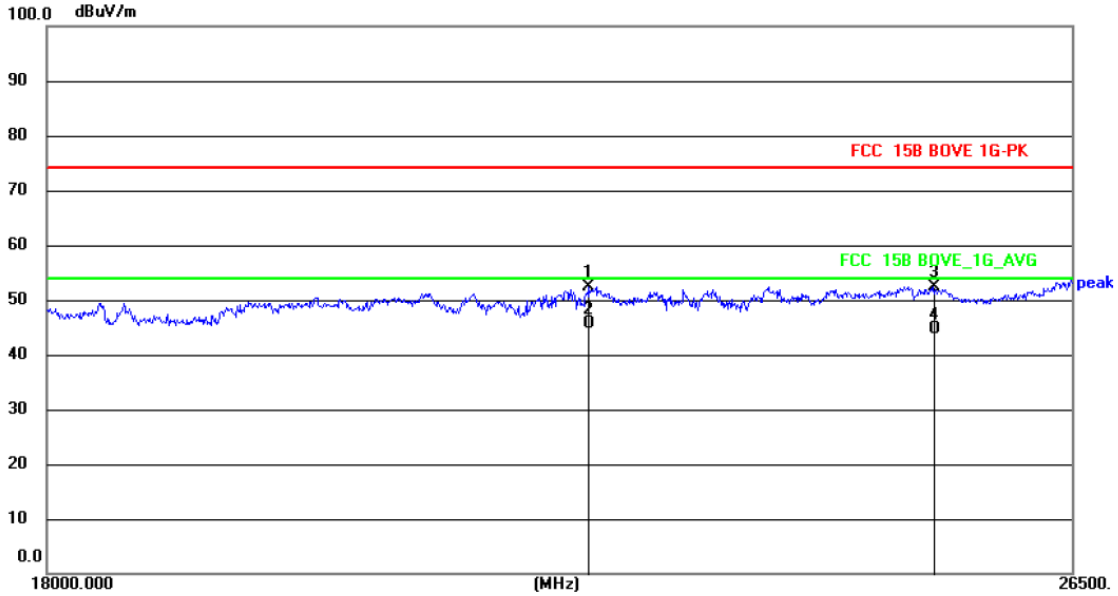
1 Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor

2 The emission levels of other frequencies are very lower than the limit and not show in test report.

Test mode:	802.11b	Test channel:	Lowest

Radiated Emission Measurement

File :DALS Data :#25 Date: 2021/07/17 Time: 9:48:02



Site 966 Chamber
Limit: FCC 15B BOVE 1G-PK
EUT: Smart Plug
M/N: SM-PLUG
Mode: WIFI 2412MHz b
Note: DALS Lighting Inc. Operater:Kahn

Polarization: *Vertical*
Power: AC120V/60Hz
Distance: 3m

Temperature: 26(C)
Humidity: 54 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	22091.333	62.16	-9.68	52.48	74.00	21.52	peak	139	218	P	
2 *	22091.333	55.23	-9.68	45.55	54.00	8.45	AVG	132	176	P	
3	25154.167	64.72	-12.30	52.42	74.00	21.58	peak	113	25	P	
4	25154.167	56.89	-12.30	44.59	54.00	9.41	AVG	104	69	P	

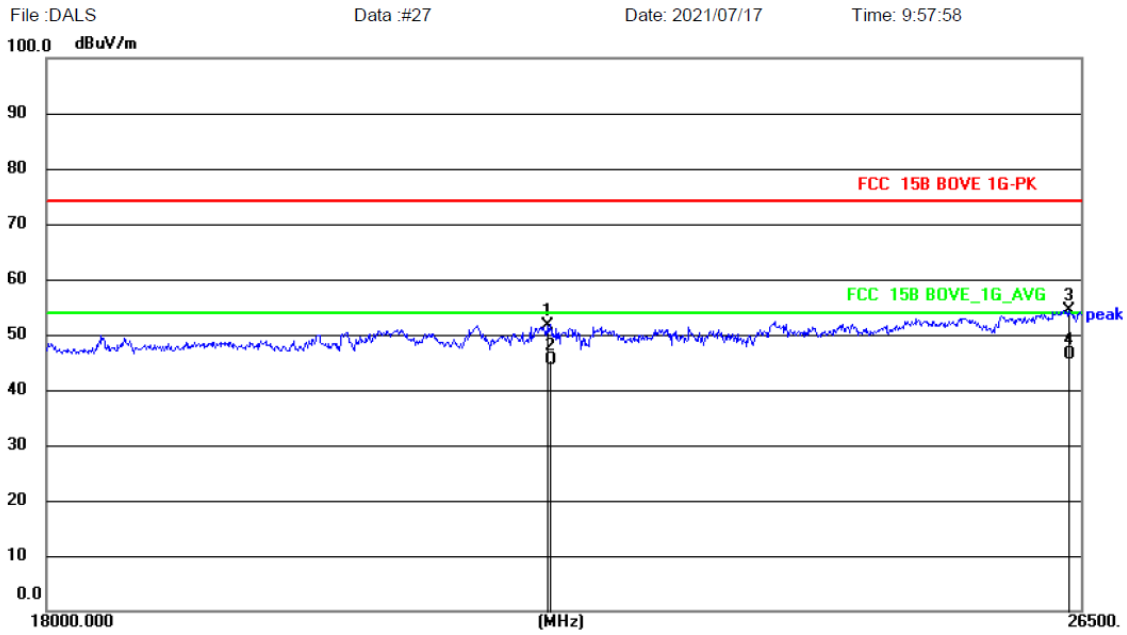
Remark:

1 Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor

2 The emission levels of other frequencies are very lower than the limit and not show in test report.

Test mode:	802.11b	Test channel:	Middle

Radiated Emission Measurement



Site 966 Chamber
Limit: FCC 15B BOVE 1G-PK
EUT: Smart Plug
M/N: SM-PLUG
Mode: WIFI 2437MHz b
Note: DALS Lighting Inc. Operater:Kahn

Polarization: *Horizontal*
Power: AC120V/60Hz
Distance: 3m

Temperature: 26(C)
Humidity: 54 %

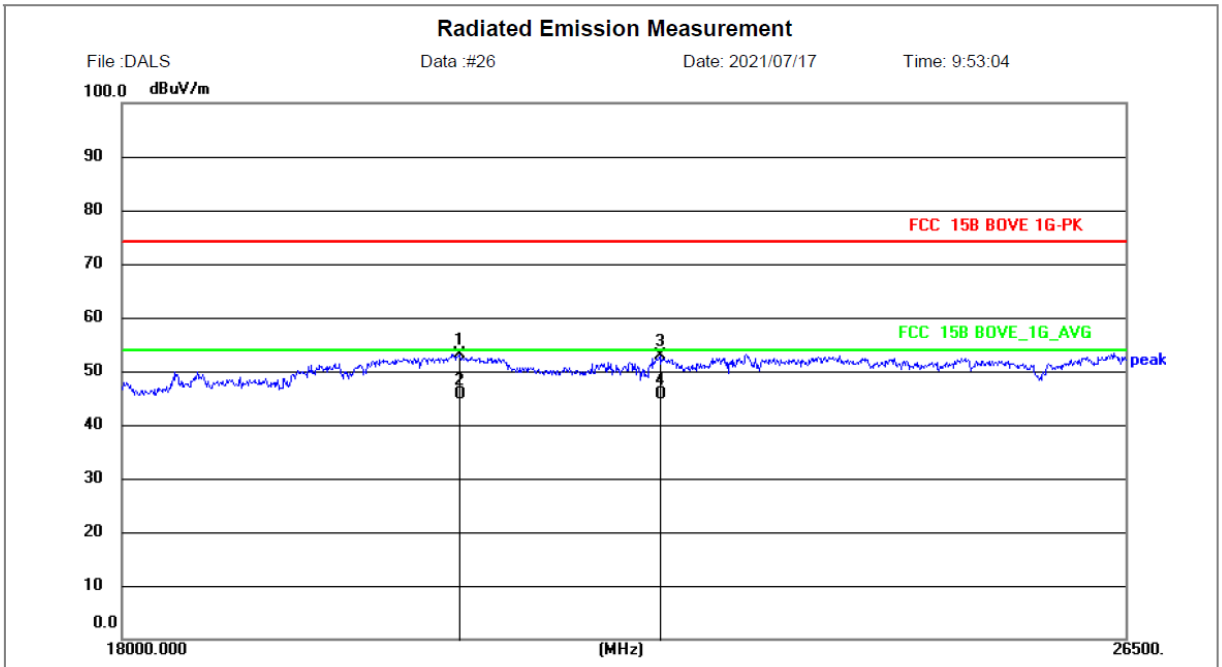
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	21706.000	61.62	-9.99	51.63	74.00	22.37	peak	161	83	P	
2	21731.500	55.23	-9.97	45.26	54.00	8.74	AVG	152	101	P	
3	26383.833	66.90	-12.48	54.42	74.00	19.58	peak	143	245	P	
4 *	26383.833	58.87	-12.48	46.39	54.00	7.61	AVG	140	137	P	

Remark:

1 Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor

2 The emission levels of other frequencies are very lower than the limit and not show in test report.

Test mode:	802.11b	Test channel:	Middle



Site 966 Chamber
Limit: FCC 15B BOVE 1G-PK
EUT: Smart Plug
M/N: SM-PLUG
Mode: WIFI 2437MHz b
Note: DALS Lighting Inc. Operater:Kahn

Polarization: *Vertical*
Power: AC120V/60Hz
Distance: 3m

Temperature: 26(C)
Humidity: 54 %

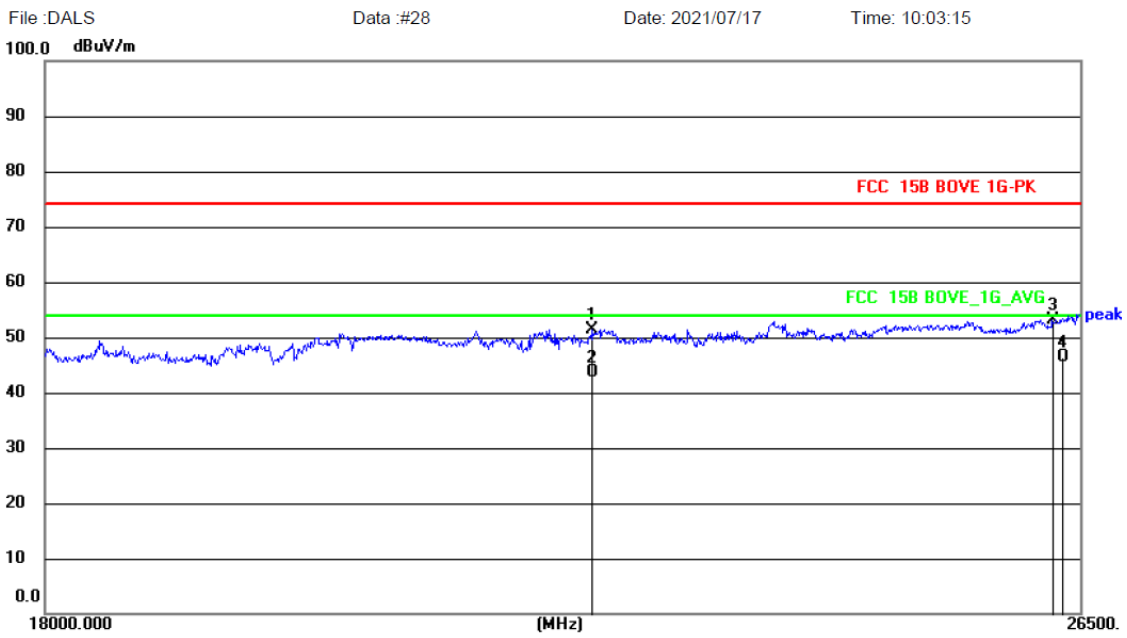
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	20501.833	63.86	-10.68	53.18	74.00	20.82	peak	155	47	P	
2	20501.833	56.24	-10.68	45.56	54.00	8.44	AVG	140	101	P	
3	22148.000	62.54	-9.66	52.88	74.00	21.12	peak	122	138	P	
4 *	22148.000	55.33	-9.66	45.67	54.00	8.33	AVG	116	103	P	

Remark:

1 Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor

2 The emission levels of other frequencies are very lower than the limit and not show in test report.

Test mode:	802.11b	Test channel:	Highest



Site 966 Chamber
Limit: FCC 15B BOVE 1G-PK
EUT: Smart Plug
M/N: SM-PLUG
Mode: WIFI 2462MHz b
Note: DALS Lighting Inc. Operater:Kahn

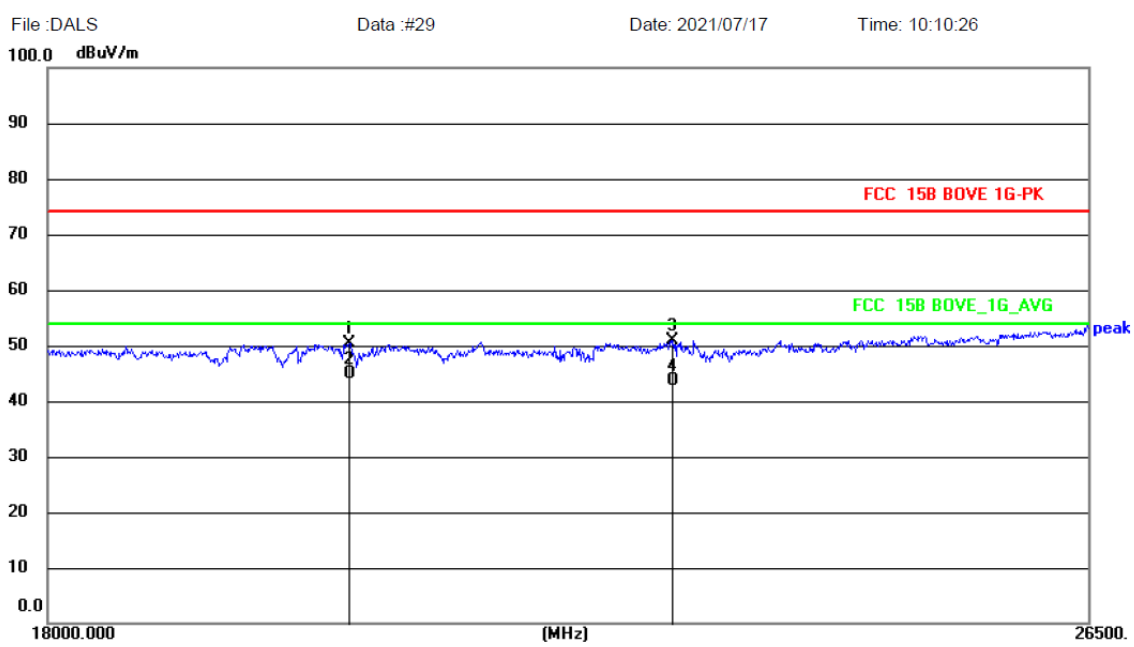
Polarization: *Horizontal*
Power: AC120V/60Hz
Distance: 3m

Temperature: 26(C)
Humidity: 54 %

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	22091.333	61.16	-9.68	51.48	74.00	22.52	peak	115	124	P	
2	22091.333	53.22	-9.68	43.54	54.00	10.46	AVG	109	57	P	
3	26225.167	65.70	-12.46	53.24	74.00	20.76	peak	148	139	P	
4 *	26332.833	58.96	-12.47	46.49	54.00	7.51	AVG	137	82	P	

Remark:
1 Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2 The emission levels of other frequencies are very lower than the limit and not show in test report.

Test mode:	802.11b	Test channel:	Highest



Site 966 Chamber
Limit: FCC 15B BOVE 1G-PK
EUT: Smart Plug
M/N: SM-PLUG
Mode: WIFI 2462MHz b
Note: DALS Lighting Inc. Operater:Kahn

Polarization: *Vertical*
Power: AC120V/60Hz
Distance: 3m

Temperature: 26(C)
Humidity: 54 %

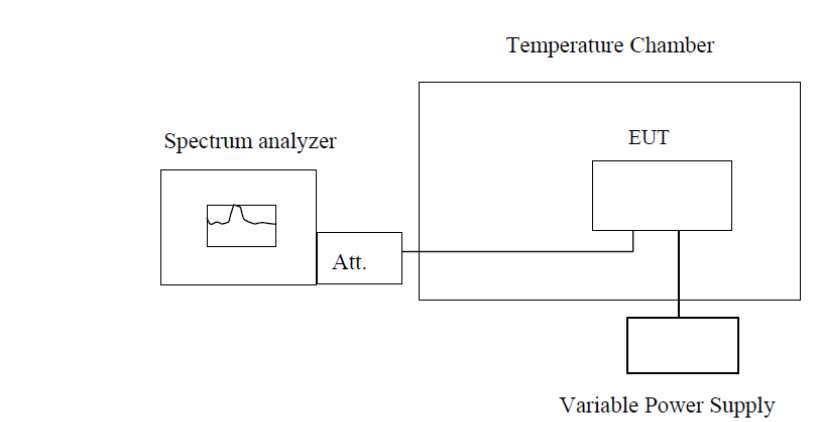
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	20142.000	61.19	-10.70	50.49	74.00	23.51	peak	106	21	P	
2 *	20142.000	55.68	-10.70	44.98	54.00	9.02	AVG	114	103	P	
3	22697.667	60.46	-9.47	50.99	74.00	23.01	peak	145	114	P	
4	22697.667	53.21	-9.47	43.74	54.00	10.26	AVG	137	62	P	

Remark:

1 Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor

2 The emission levels of other frequencies are very lower than the limit and not show in test report.

7.8 Frequency stability

Test Requirement:	RSS-Gen Section 6.11& Section 8.11
Test Method:	ANSI C63.10: 2013 & RSS-Gen
Limit:	Manufactures of devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified
Test Procedure:	The EUT was setup to ANSI C63.10, 2013; tested to 2.1055 for compliance to RSS-Gen requirements.
Test setup:	 **Note :** Measurement setup for testing on Antenna connector
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Remark: Set the EUT transmits at un-modulation mode to test frequency stability.

Measurement data:

Frequency stability versus Temp.						
Power Supply: AC 120V/60Hz						
Temp. (°C)	Operating Frequency (MHz)	0 minute Measured Frequency (MHz)	2 minute Measured Frequency (MHz)	5 minute Measured Frequency (MHz)	10 minute Measured Frequency (MHz)	Pass /Fail
-30	2412	2411.999	2412.000	2412.000	2412.000	Pass
	2422	2422.001	2422.000	2422.000	2422.001	Pass
	2437	2436.997	2436.998	2436.999	2436.999	Pass
	2452	2452.000	2452.000	2452.000	2452.001	Pass
	2462	2462.000	2462.001	2462.000	2462.000	Pass
-20	2412	2411.998	2412.001	2412.001	2412.000	Pass
	2422	2422.000	2422.001	2422.000	2422.000	Pass
	2437	2436.998	2436.999	2436.999	2436.999	Pass
	2452	2452.000	2452.000	2452.000	2452.001	Pass
	2462	2462.001	2462.001	2462.000	2462.000	Pass
-10	2412	2412.000	2411.999	2412.000	2412.000	Pass
	2422	2422.000	2422.001	2422.000	2422.000	Pass
	2437	2436.999	2436.998	2436.998	2437.000	Pass
	2452	2452.001	2452.000	2452.001	2452.001	Pass
	2462	2462.000	2462.000	2462.001	2462.000	Pass
0	2412	2412.000	2411.999	2412.000	2412.000	Pass
	2400	2422.000	2422.001	2422.000	2422.000	Pass
	2437	2436.999	2436.998	2436.998	2437.000	Pass
	2452	2452.001	2452.000	2452.001	2452.001	Pass
	2462	2462.000	2462.000	2462.001	2462.000	Pass
10	2412	2412.000	2411.999	2412.000	2412.000	Pass
	2422	2422.000	2422.001	2422.000	2422.000	Pass
	2437	2436.999	2436.998	2436.998	2437.000	Pass
	2452	2452.001	2452.000	2452.001	2452.001	Pass
	2462	2462.000	2462.000	2462.001	2462.000	Pass
20	2412	2411.999	2412.000	2412.000	2412.000	Pass
	2400	2422.001	2422.000	2422.000	2422.001	Pass
	2437	2436.997	2436.998	2436.999	2436.999	Pass
	2452	2452.000	2452.000	2452.000	2452.001	Pass
	2462	2462.000	2462.001	2462.000	2462.000	Pass
30	2412	2412.000	2411.999	2412.000	2412.000	Pass
	2422	2422.000	2422.001	2422.000	2422.000	Pass
	2437	2436.999	2436.998	2436.998	2437.000	Pass
	2452	2452.001	2452.000	2452.001	2452.001	Pass
	2462	2462.000	2462.000	2462.001	2462.000	Pass
40	2412	2411.998	2412.001	2412.001	2412.000	Pass
	2422	2422.000	2422.001	2422.000	2422.000	Pass
	2437	2436.998	2436.999	2436.999	2436.999	Pass
	2452	2452.000	2452.000	2452.000	2452.001	Pass
	2462	2462.001	2462.001	2462.000	2462.000	Pass
50	2412	2411.999	2412.000	2412.000	2412.000	Pass
	2422	2422.001	2422.000	2422.000	2422.001	Pass
	2437	2436.997	2436.998	2436.999	2436.999	Pass
	2452	2452.000	2452.000	2452.000	2452.001	Pass
	2462	2462.000	2462.001	2462.000	2462.000	Pass

Frequency stability versus Voltage						
Temperature: 25°C						
Power Supply	Operating Frequency (MHz)	0 minute	2 minute	5 minute	10 minute	Pass /Fail
		Measured Frequency (MHz)	Measured Frequency (MHz)	Measured Frequency (MHz)	Measured Frequency (MHz)	
AC 120V/60Hz	2412	2412.000	2411.999	2412.001	2412.000	Pass
	2422	2422.000	2422.001	2422.000	2422.000	Pass
	2437	2437.000	2436.999	2436.998	2437.000	Pass
	2452	2452.001	2452.000	2452.001	2452.001	Pass
	2462	2462.001	2462.001	2462.000	2462.000	Pass

8 Test Setup Photo

Reference to the **appendix I** for details.

9 EUT Constructional Details

Reference to the **appendix II** for details.

------End------