


<b>Prüfbericht-Nr.:</b> <i>Test report no.:</i>	<b>CN21NB1D 001</b>	<b>Auftrags-Nr.:</b> <i>Order no.:</i>	168316290	Seite 1 von 23 Page 1 of 23
<b>Kunden-Referenz-Nr.:</b> <i>Client reference no.:</i>	<b>N/A</b>	<b>Auftragsdatum:</b> <i>Order date:</i>	2021-05-08	
<b>Auftraggeber:</b> <i>Client:</i>	Felion Technologies Company Limited 304, 3/F, Fuxing Office Building, No.6 Binglang Road, Fubao Community, Futian District, Shenzhen, Guangdong province, China			
<b>Prüfgegenstand:</b> <i>Test item:</i>	ColorFlux Light Bulb			
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type no.:</i>	L4, L5 (Trademark: VOCOLinc)			
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	FCC and IC approval			
<b>Prüfgrundlage:</b> <i>Test specification:</i>	CFR47 FCC Part 15: Subpart B Section 15.107 CFR47 FCC Part 15: Subpart B Section 15.109 ICES-005 Issue 5 December 2018			
<b>Wareneingangsdatum:</b> <i>Date of sample receipt:</i>	2021-05-08	Please refer to photo documents		
<b>Prüfmuster-Nr.:</b> <i>Test sample no.:</i>	A003048740-001			
<b>Prüfzeitraum:</b> <i>Testing period:</i>	2021-05-08 – 2021-05-18			
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
<b>Prüflaboratorium:</b> <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
<b>Prüfergebnis*:</b> <i>Test result*:</i>	Pass			
<b>geprüft von:</b> <i>tested by:</i>		<b>genehmigt von:</b> <i>authorized by:</i>		
<b>Datum:</b> <i>Date:</i> 2021-07-09	Signed by: Chris Chen	<b>Ausstellungsdatum:</b> <i>Issue date:</i> 2021-07-09	Signed by: Lin Lin	
<b>Stellung / Position</b>	Senior Project Manager	<b>Stellung / Position</b>	Reviewer	
<b>Sonstiges / Other:</b>	FCC ID: 2AXT8-L4 IC: 26783-L4      HVIN: L4, L5			
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>			
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend N/A = nicht anwendbar	4 = ausreichend N/T = nicht
* Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory N/A = not applicable	4 = sufficient N/T = not tested
<p><b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b></p> <p><i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i></p>				

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## ***Test Summary***

- 5.1 *Conducted emissions*  
RESULT: Pass
- 5.2 *Radiated emissions*  
RESULT: Pass

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# 1 General Remarks

## 1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Photographs of the Test Set-up

# 2 Test Sites

## 2.1 Test Facilities

**TÜV Rheinland (Shenzhen) Co., Ltd.**

No. 362 Huanguan Road Middle, Longhua District, Shenzhen 518110, People's Republic of China

FCC Registration No.: 694916

IC Registration No.: 25069

## 2.2 List of Test and Measurement Instruments

**Table 1: List of Test and Measurement Equipment**

<b>Radiated Emission Testing</b>				
<b>Equipment</b>	<b>Manufacturer</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Cal. Until</b>
3m SAC	ETS	SAC3	CT001632-Q1362	23.08.2021
EMI Test Receiver	R&S	ESR7	102111	16.12.2021
Horn Antenna	R&S	HF907	102706	07.08.2022
Preamplifier	FIT	SCU-18F	180077	19.08.2021
Active magnetic loop antenna	SCHWARZBECK	FMZB1519B	00080	16.08.2021
Trilog-Broadband antenna	SCHWARZBECK	VULB9168	0945	12.12.2022
Switching Controller Interface	R&S	OSP 120	102039	N/A
EMC32 test software	R&S	EMC32(Ver.10.50.01)	N/A	N/A
<b>Conducted Emissions testing</b>				
<b>Equipment</b>	<b>Manufacturer</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Cal. Until</b>
EMI Test Receiver	R&S	ESR3	102428	16.08.2021
Artificial Mains Network	R&S	ENV216	102333	16.08.2021
EMC32 test software	R&S	EMC32(Ver.10.50.01)	N/A	N/A

## 2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

## 2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

## 2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table

Test	Parameters	uncertainty
Conducted Emission	Conducted emission 150kHz-30MHz (AMN)	$\pm 3.70$ dB $\pm 3.30$ dB
Radiated Emission (3m SAC)	Radiated emission 30MHz-1GHz	$\pm 4.52$ dB
	Radiated emission 1GHz-18GHz	$\pm 4.37$ dB

## 2.6 Location of Original Data

The original copies of all test data taken during actual testing were at this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

## 2.7 Status of Facility Used for Testing

The TÜV Rheinland (Shenzhen) Co., Ltd. Test facility located at No. 362 Huanguan Road Middle, Longhua District, Shenzhen 518110, People's Republic of China. is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

## 3 General Product Information

### 3.1 Product Function and Intended Use

The EUT is **ColorFlux Light Bulb** and it supports 2.4GHz Wi-Fi wireless technologies. According to the declaration of the applicant, the electrical circuit design, PCB layout and construction Design are identical for all models, only the model No. is different. Test Model is L4. For details refer to the User Manual, Technical Description and Circuit Diagram.

### 3.2 Ratings and System Details

Table 2: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment	ColorFlux Light Bulb
Type Designation	L4, L5
Trade Mark	VOCOLinc
FCC ID	2AXT8-L4
IC	26783-L4
HVIN	L4, L5
Input Voltage	AC 120V, 60Hz
Testing Voltage	AC 120V, 60Hz

### 3.3 Independent Operation Modes

The basic operation modes are:

- A, Lighting, operating
1. With WiFi Link
  2. Without WiFi Link
- B, Off

### 3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

### 3.5 Submitted Documents

- Block Diagram
- Photo Document
- Schematics
- User Manual

## 4 Test Set-up and Operation Modes

### 4.1 Principle of Configuration Selection

**Emission:** The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

### 4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.4: 2014.

### 4.3 Special Accessories and Auxiliary Equipment

Table 3: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model No.	Serial Number
iPad	Apple	iPad 3	N/A

### 4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.



## 4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

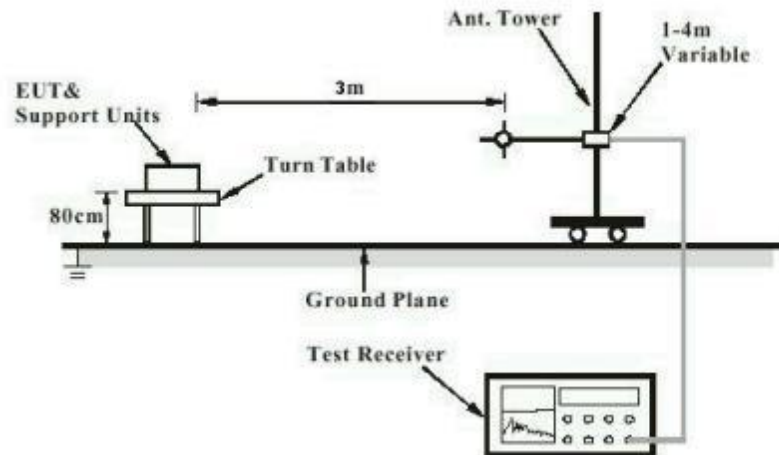
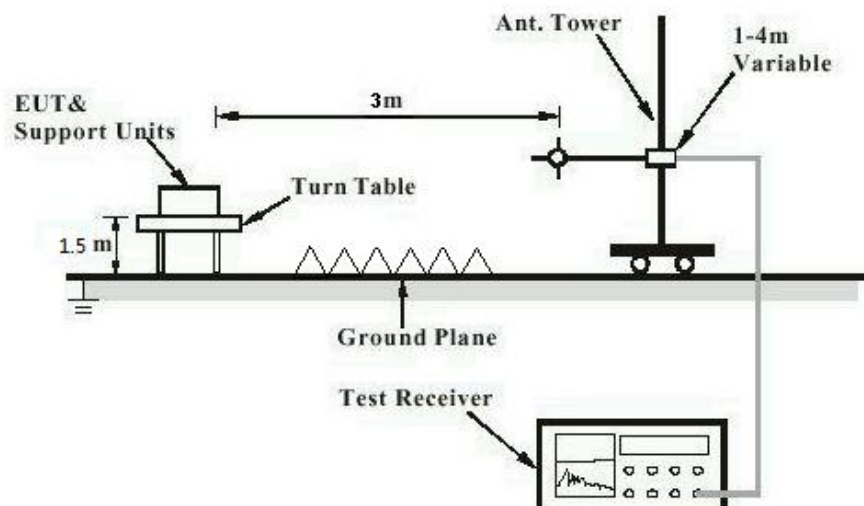
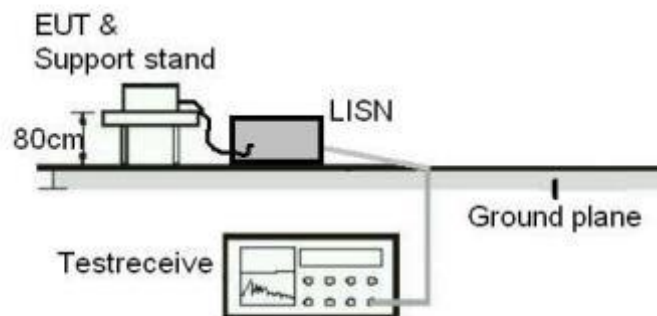


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)



**Diagram of Measurement Configuration for Mains Conduction Measurement**



## 5 Test Results

### 5.1 Conducted emissions

**RESULT:**

**Pass**

#### **Test Specification**

Test standard	: FCC Part 15.107(a) & ICES-005
Basic standard	: ANSI C63.4: 2014
Frequency range	: 150KHz - 30MHz
Classification	: Class B
Limit	FCC Part 15.107(a) & ICES-005 Table 2
Kind of test site	: Shielded Room

#### **Test Setup**

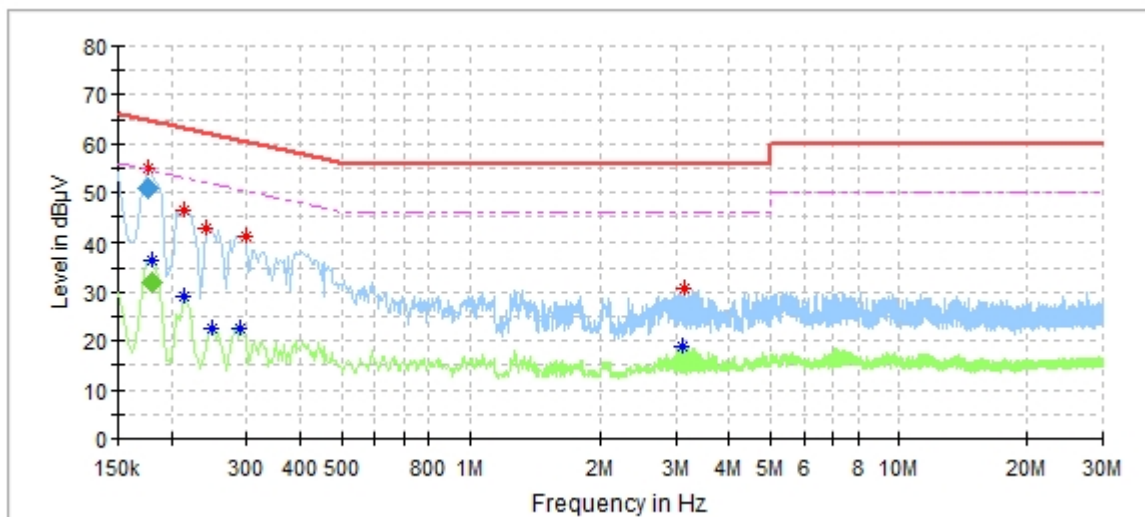
Date of testing	: 2021-05-08 to 2021-05-18
Input voltage	: AC 120V, 60Hz
Operation mode	: A1, A2
Earthing	: Not connected
Ambient temperature	: 24.5 °C
Relative humidity	: 57 %
Atmospheric pressure	: 101 kPa

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### EUT Information

EUT Name: ColorFluxLight Bulb  
Order No.: 168316290, item60  
Model: L4  
Test Mode: Lighting without WiFi Link  
Test Voltage: AC 120V/60Hz  
Test By: Ouyang Wang  
Review By: Gary Chen  
Remark: SR1



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.176500	54.97	—	64.58	9.61	L1	9.6
0.180500	—	36.59	54.39	17.80	L1	9.6
0.214000	—	29.03	53.05	24.02	L1	9.6
0.214000	46.24	—	63.05	16.81	L1	9.6
0.242000	42.48	—	62.03	19.55	L1	9.6
0.250000	—	22.52	51.76	29.24	L1	9.6
0.290000	—	22.54	50.52	27.99	L1	9.6
0.298000	41.05	—	60.30	19.25	L1	9.6
3.108000	—	18.70	46.00	27.30	L1	9.8
3.136000	30.80	—	56.00	25.20	L1	9.8

### Final Result

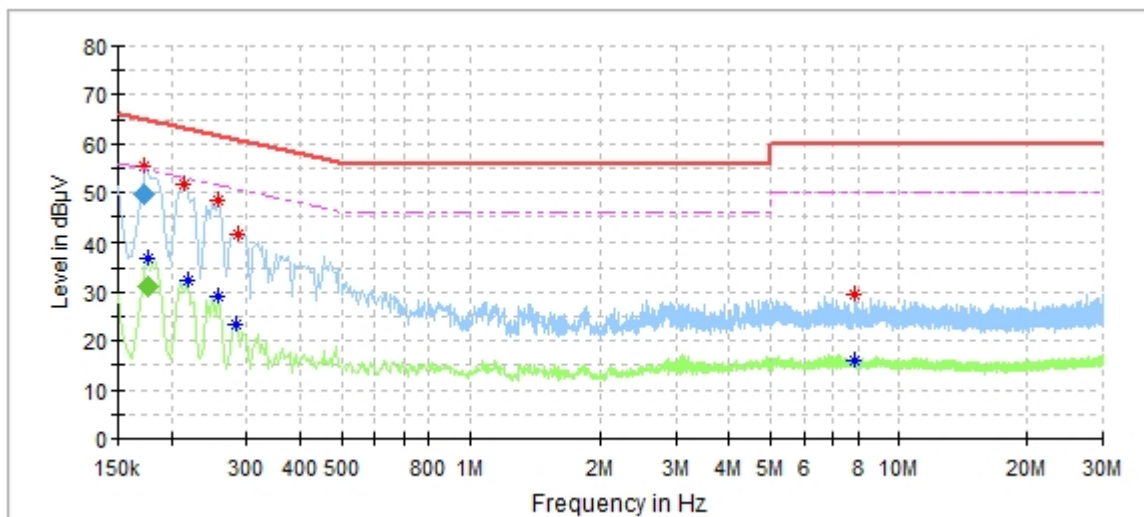
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.176500	50.93	—	64.65	13.72	200.0	9.000	L1	9.6
0.180500	—	32.15	54.46	22.31	200.0	9.000	L1	9.6

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### EUT Information

EUT Name: ColorFluxLight Bulb  
Order No.: 168316290, item60  
Model: L4  
Test Mode: Lighting without WiFi Link  
Test Voltage: AC 120V/60Hz  
Test By: Ouyang Wang  
Review By: Gary Chen  
Remark: SR1



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.172500	55.20	—	64.77	9.57	N	9.6
0.176500	—	36.94	54.39	17.45	N	9.6
0.214000	51.88	—	63.05	11.17	N	9.6
0.218000	—	32.48	52.90	20.41	N	9.6
0.258000	—	29.19	51.50	22.30	N	9.6
0.258000	48.31	—	61.50	13.19	N	9.6
0.282000	—	23.25	50.76	27.51	N	9.6
0.286000	41.36	—	60.64	19.28	N	9.6
7.868000	29.43	—	60.00	30.57	N	10.0
7.880000	—	16.16	50.00	33.84	N	10.0

### Final Result

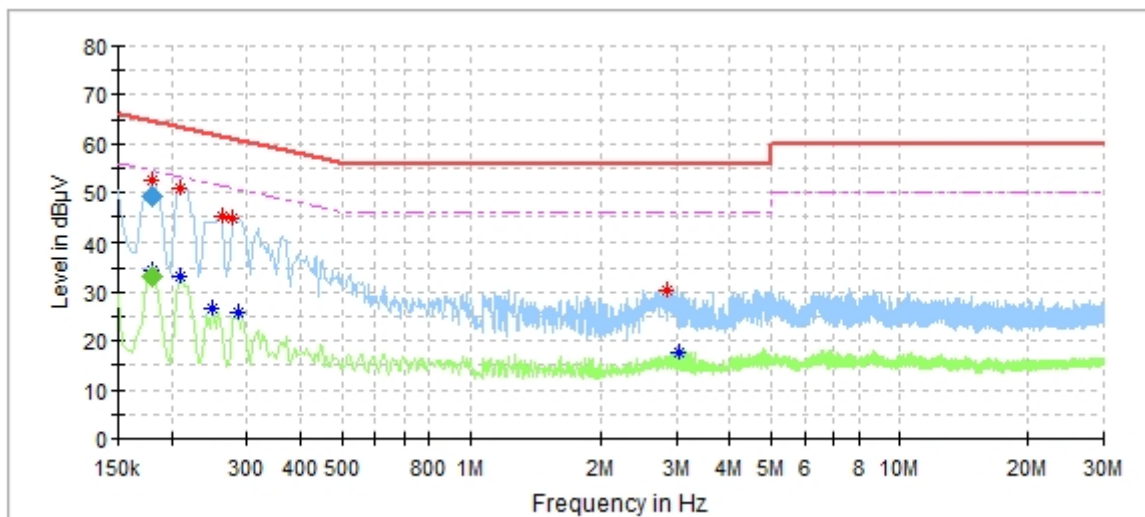
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.172500	49.69	—	64.84	15.15	200.0	9.000	N	9.6
0.176500	—	31.30	54.65	23.35	200.0	9.000	N	9.6

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### EUT Information

EUT Name: ColorFluxLight Bulb  
Order No.: 168316290, item60  
Model: L4  
Test Mode: Lighting with WiFi Link  
Test Voltage: AC 120V/60Hz  
Test By: Ouyang Wang  
Review By: Gary Chen  
Remark: SR1



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.180500	52.45	—	64.39	11.94	L1	9.6
0.180500	—	34.61	54.39	19.78	L1	9.6
0.210000	—	33.31	53.21	19.89	L1	9.6
0.210000	50.75	—	63.21	12.46	L1	9.6
0.250000	—	26.67	51.76	25.08	L1	9.6
0.262000	45.19	—	61.37	16.18	L1	9.6
0.278000	44.89	—	60.88	15.99	L1	9.6
0.286000	—	25.77	50.64	24.87	L1	9.6
2.864000	30.33	—	56.00	25.67	L1	9.8
3.032000	—	17.75	46.00	28.25	L1	9.8

### Final Result

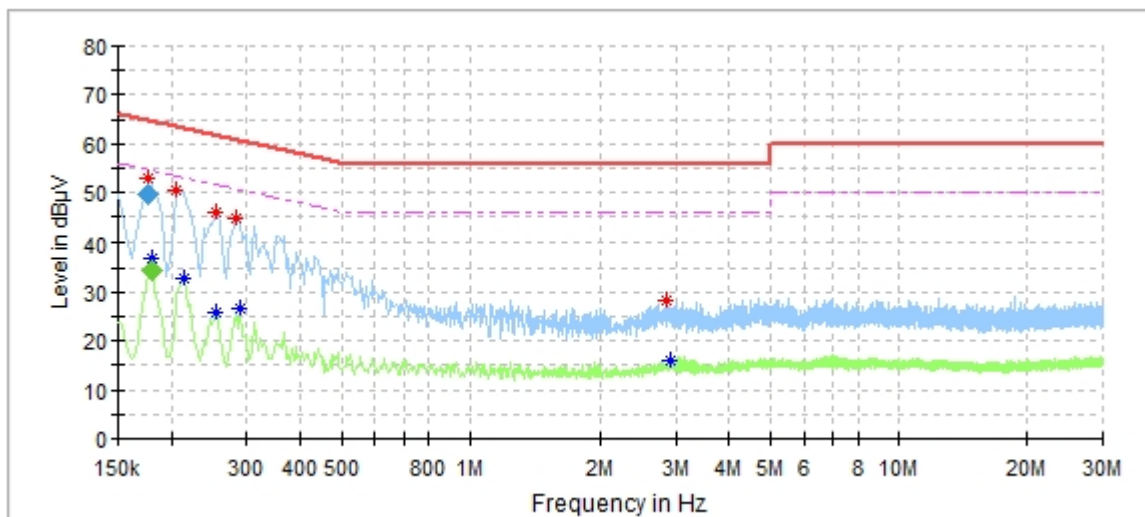
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.180500	—	33.36	54.46	21.10	200.0	9.000	L1	9.6
0.180500	49.38	—	64.46	15.08	200.0	9.000	L1	9.6

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### EUT Information

EUT Name: ColorFluxLight Bulb  
Order No.: 168316290, item60  
Model: L4  
Test Mode: Lighting with WiFi Link  
Test Voltage: AC 120V/60Hz  
Test By: Ouyang Wang  
Review By: Gary Chen  
Remark: SR1



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.176500	52.86	—	64.58	11.72	N	9.6
0.180500	—	37.03	54.58	17.55	N	9.6
0.206000	50.48	—	63.37	12.89	N	9.6
0.214000	—	32.68	53.05	20.37	N	9.6
0.254000	—	25.65	51.63	25.98	N	9.6
0.254000	46.11	—	61.63	15.52	N	9.6
0.282000	44.83	—	60.76	15.92	N	9.6
0.290000	—	26.74	50.52	23.78	N	9.6
2.856000	28.16	—	56.00	27.84	N	9.8
2.928000	—	15.85	46.00	30.15	N	9.8

### Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.176500	49.79	—	64.65	14.86	200.0	9.000	N	9.6
0.180500	—	34.42	54.46	20.04	200.0	9.000	N	9.6

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## 5.2 Radiated Emission

**RESULT:**

**Pass**

### Test Specification

Test standard	:	FCC Part 15.109(a) & ICES-005
Basic standard	:	ANSI C63.4: 2014
Frequency range	:	30 - 6000MHz
Classification	:	Class B
Limit	:	FCC Part 15.109(a) ICES-005 Table 4
Kind of test site	:	3m Semi-anechoic Chamber

### Test Setup

Date of testing	:	2021-05-08 to 2021-05-18
Input voltage	:	AC 120V, 60Hz
Operation mode	:	A1, A2
Earthing	:	Not connected
Ambient temperature	:	26 °C
Relative humidity	:	54 %
Atmospheric pressure	:	101 kPa

Remark: The limit of below radiated emission test data is from FCC part 15.109, it also meet the limit of ICES-005 issue 5.

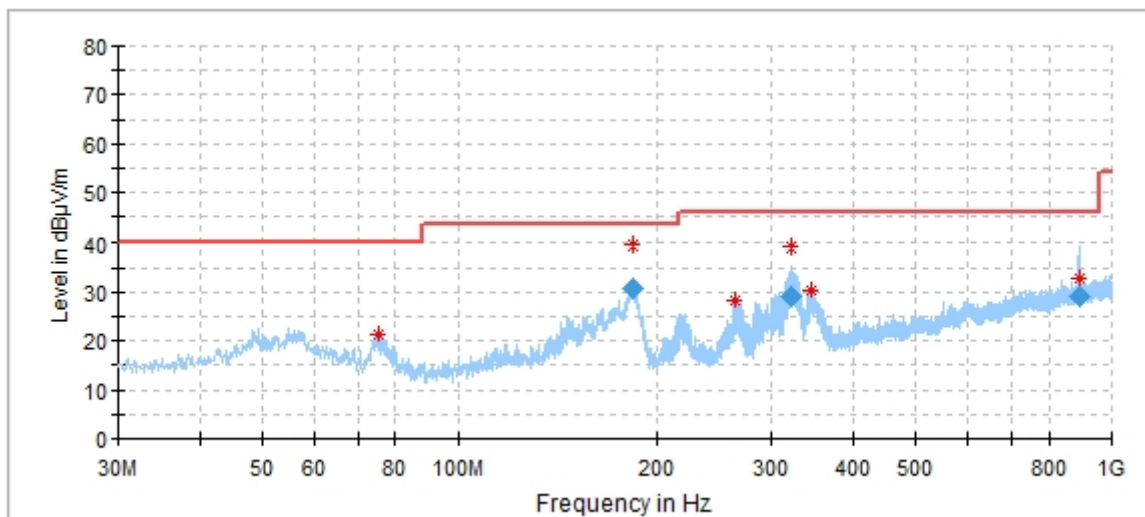


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### EUT Information

EUT Name: ColorFluxLight Bulb  
 Model: L4  
 Order No: 168316290, item60  
 Test Mode: Lighting Without WiFi Link  
 Test Voltage: AC 120V/60Hz  
 Test By: Ouyang Wang  
 Review By: Gary Chen  
 Remark: 3m Chamber



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
75.590000	21.40	40.00	18.60	200.0	H	250.0	16.7
183.782000	39.53	43.50	13.97	137.0	H	125.0	18.5
263.091000	28.36	46.00	17.64	100.0	H	66.0	20.2
320.883000	38.92	46.00	7.08	137.0	H	256.0	21.9
344.571000	30.20	46.00	15.80	100.0	H	28.0	21.6
890.079000	32.62	46.00	13.38	150.0	H	48.0	31.5

### Final Result

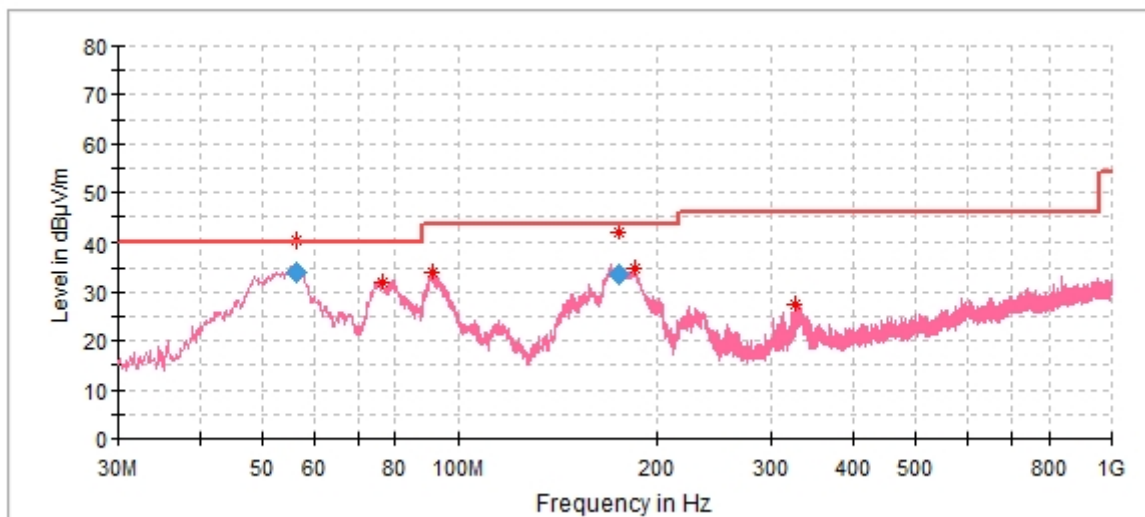
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
183.782000	30.94	43.50	12.56	1000.0	120.000	137.0	H	125.0	18.5
320.883000	29.01	46.00	16.99	1000.0	120.000	137.0	H	256.0	21.9
890.079000	28.97	46.00	17.03	1000.0	120.000	150.0	H	48.0	31.5

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### EUT Information

EUT Name: ColorFluxLight Bulb  
 Model: L4  
 Order No: 168316290, item60  
 Test Mode: Lighting Without WiFi Link  
 Test Voltage: AC 120V/60Hz  
 Test By: Ouyang Wang  
 Review By: Gary Chen  
 Remark: 3m Chamber



### Critical Freqs

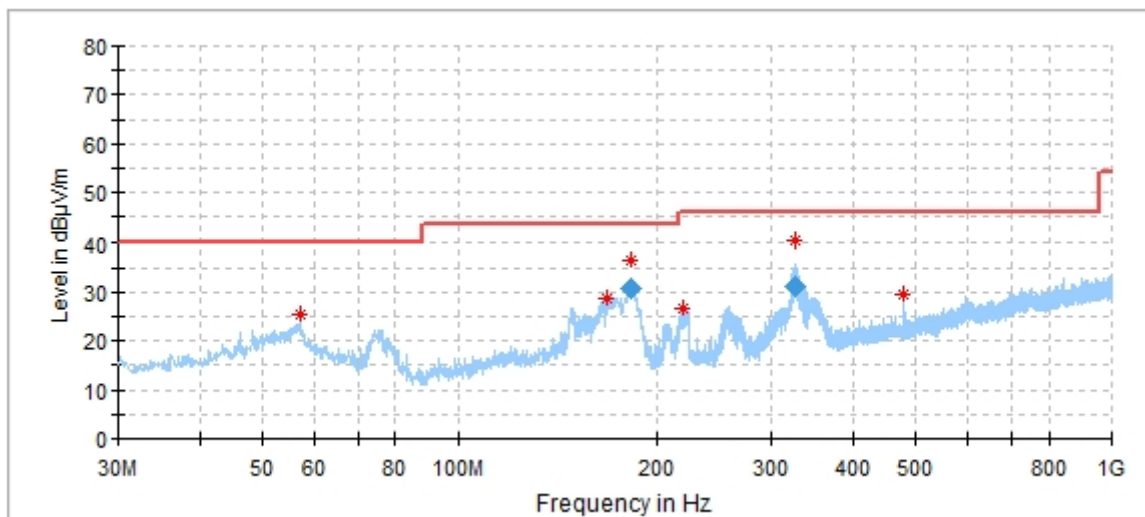
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
56.444000	40.17	40.00	-0.17	137.0	V	349.0	21.2
76.560000	31.83	40.00	8.17	200.0	V	186.0	16.5
91.304000	33.90	43.50	9.60	200.0	V	27.0	15.6
175.326000	41.71	43.50	1.79	105.0	V	265.0	20.5
185.782000	34.71	43.50	8.79	100.0	V	226.0	18.2
326.626000	27.38	46.00	18.62	100.0	V	111.0	21.6

### Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
56.444000	34.01	40.00	5.99	1000.0	120.000	137.0	V	349.0	21.2
175.326000	33.65	43.50	9.85	1000.0	120.000	105.0	V	265.0	20.5

### EUT Information

EUT Name: ColorFluxLight Bulb  
 Model: L4  
 Order No: 168316290, item60  
 Test Mode: Lighting With WiFi Link  
 Test Voltage: AC 120V/60Hz  
 Test By: Ouyang Wang  
 Review By: Gary Chen  
 Remark: 3m Chamber



### Critical Freqs

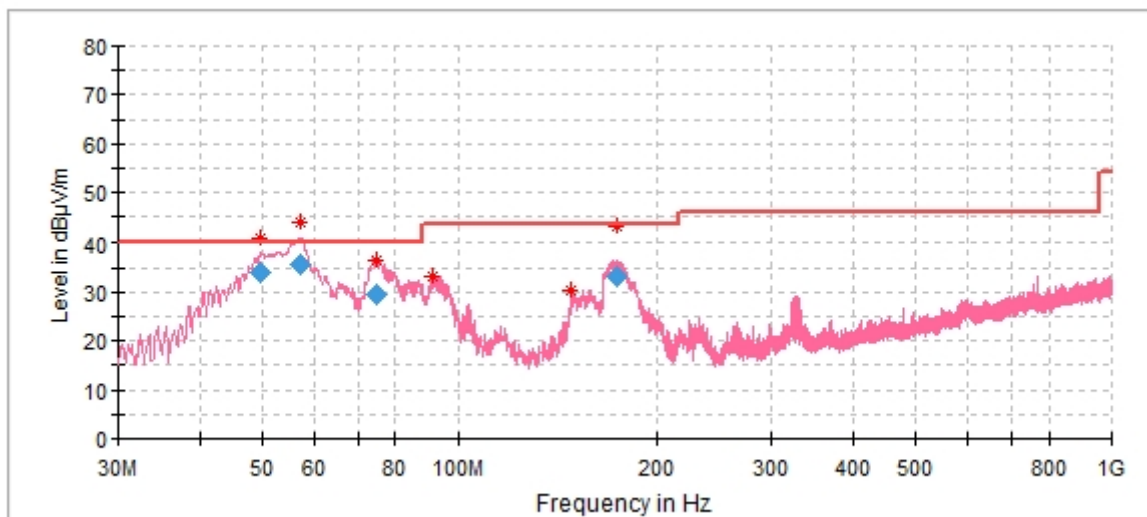
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
57.063000	25.55	40.00	14.45	200.0	H	0.0	21.3
168.225000	28.91	43.50	14.59	200.0	H	237.0	21.5
182.561000	36.34	43.50	7.16	191.0	H	263.0	18.8
219.150000	26.86	46.00	19.14	100.0	H	131.0	18.6
326.840000	40.18	46.00	5.82	105.0	H	243.0	21.6
479.983000	29.72	46.00	16.28	100.0	H	79.0	24.5

### Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
182.561000	30.75	43.50	12.75	1000.0	120.000	191.0	H	263.0	18.8
326.840000	31.11	46.00	14.89	1000.0	120.000	105.0	H	243.0	21.6

### EUT Information

EUT Name: ColorFluxLight Bulb  
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 Order No: 168316290, item60  
 Test Mode: Lighting With WiFi Link  
 Test Voltage: AC 120V/60Hz  
 Test By: Ouyang Wang  
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 Remark: 3m Chamber



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.751000	40.55	40.00	-0.55	121.0	V	135.0	20.8
57.220000	44.04	40.00	-4.04	137.0	V	113.0	21.3
74.697000	36.34	40.00	3.66	150.0	V	196.0	16.9
90.916000	33.38	43.50	10.12	100.0	V	184.0	15.5
147.855000	30.40	43.50	13.10	100.0	V	112.0	20.4
174.276000	43.03	43.50	0.47	100.0	V	286.0	20.7

### Final Result

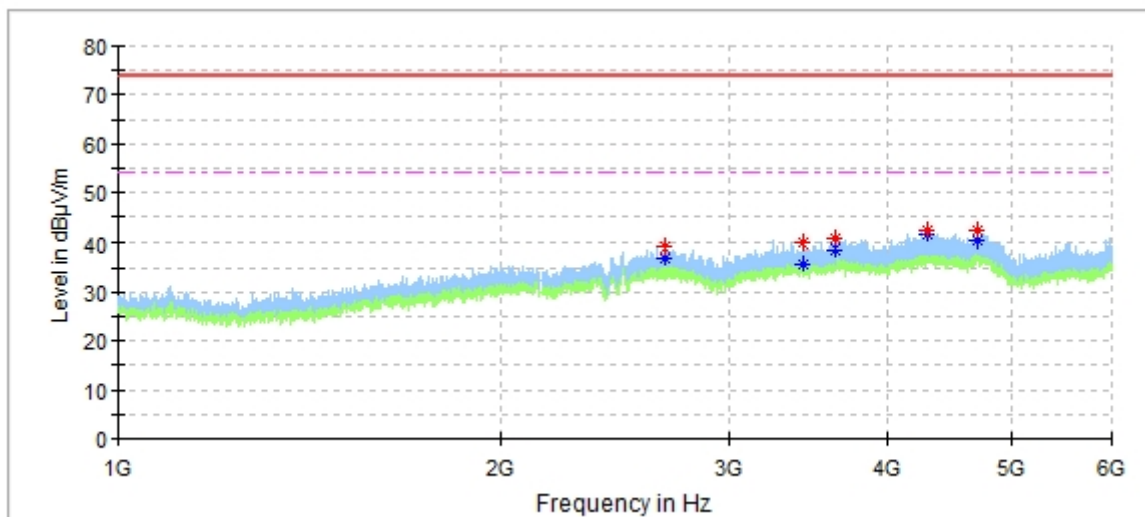
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.751000	34.03	40.00	5.97	1000.0	120.000	121.0	V	135.0	20.8
57.220000	35.68	40.00	4.32	1000.0	120.000	137.0	V	113.0	21.3
74.697000	29.66	40.00	10.34	1000.0	120.000	150.0	V	196.0	16.9
174.276000	33.29	43.50	10.21	1000.0	120.000	100.0	V	286.0	20.7

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### EUT Information

EUT Name: ColorFluxLight Bulb  
 Model: L4  
 Order No: 168316290, item60  
 Test Mode: Lighting With WiFi Link  
 Test Voltage: AC 120V/60Hz  
 Test By: Ouyang Wang  
 Review By: Gary Chen  
 Remark: 3m Chamber



### Critical Freqs

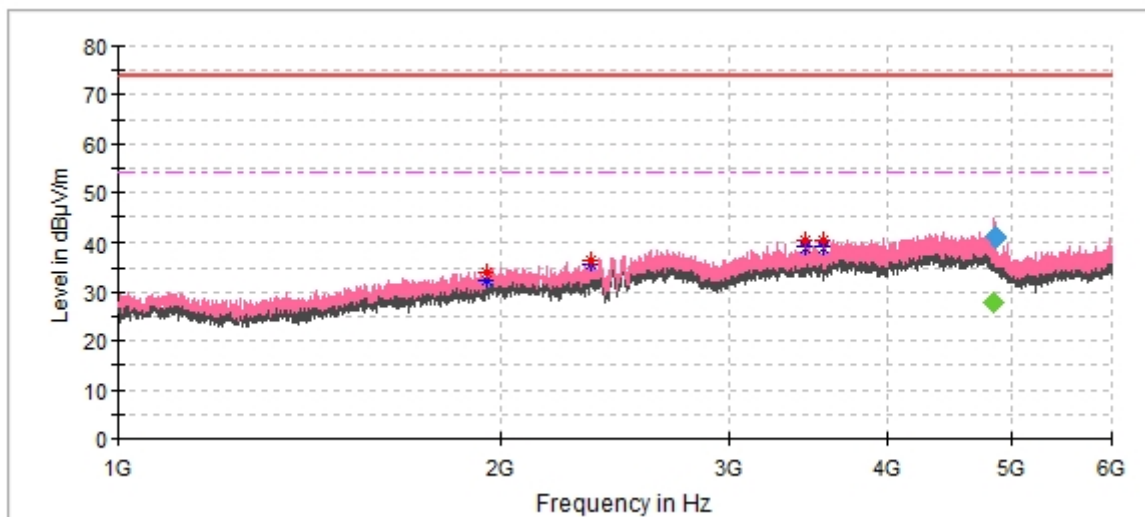
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2673.000000	39.08	--	74.00	34.92	200.0	H	0.0	-3.2
2673.000000	--	36.83	54.00	17.17	200.0	H	0.0	-3.2
3440.000000	--	35.77	54.00	18.23	200.0	H	0.0	-1.4
3440.000000	39.84	--	74.00	34.16	200.0	H	0.0	-1.4
3645.500000	--	38.46	54.00	15.54	200.0	H	19.0	-0.2
3645.500000	40.78	--	74.00	33.22	200.0	H	19.0	-0.2
4295.000000	42.19	--	74.00	31.81	200.0	H	247.0	2.2
4295.000000	--	41.58	54.00	12.42	200.0	H	247.0	2.2
4715.500000	--	40.17	54.00	13.83	100.0	H	296.0	2.7
4715.500000	42.15	--	74.00	31.85	100.0	H	296.0	2.7

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### EUT Information

EUT Name: ColorFluxLight Bulb  
Model: L4  
Order No: 168316290, item60  
Test Mode: Lighting With WiFi Link  
Test Voltage: AC 120V/60Hz  
Test By: Ouyang Wang  
Review By: Gary Chen  
Remark: 3m Chamber



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1946.000000	--	32.38	54.00	21.62	200.0	V	294.0	-8.2
1946.000000	34.07	--	74.00	39.93	200.0	V	294.0	-8.2
2343.000000	--	35.54	54.00	18.46	200.0	V	345.0	-6.4
2343.000000	36.53	--	74.00	37.47	200.0	V	345.0	-6.4
3446.500000	--	38.79	54.00	15.21	100.0	V	93.0	-1.3
3446.500000	40.33	--	74.00	33.67	100.0	V	93.0	-1.3
3560.500000	--	39.12	54.00	14.88	100.0	V	254.0	-0.8
3560.500000	40.03	--	74.00	33.97	100.0	V	254.0	-0.8
4850.900000	--	27.95	54.00	26.05	200.0	V	274.0	1.6
4861.300000	41.42	--	74.00	32.58	200.0	V	229.0	1.6

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4850.900000	--	27.92	54.00	26.08	200.0	V	274.0	1.6
4861.300000	41.07	--	74.00	32.93	200.0	V	229.0	1.5

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## 6 Photographs of the Test Set-Up

For photographs of the test set-up, refer to the appendix A.

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