

# EMC TEST REPORT



Report No.: 15070358-FCC-E

Applicant	Shenzhen omimo Technology Co.,Ltd.	
Product Name	WiFi camera	
Model No.	S510;S520	
Serial No.		
Test Standard	FCC Part 15 Subpart B Class B:2014, ANSI C63.4: 2014	
Test Date	May 21 to June 17,2015	
Issue Date	May 04, 2015	
Test Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	
Equipment complied with the specification <input checked="" type="checkbox"/>		
Equipment did not comply with the specification <input type="checkbox"/>		
<i>Lucifer He</i>	<i>David Huang</i>	
Lucifer He Test Engineer	David Huang Checked By	
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Issued by:

**SIEMIC (SHENZHEN-CHINA) LABORATORIES**

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**Laboratories Introduction**

SIEMIC, headquartered in the heart of Silicon Valley, with superior facilities in US and Asia, is one of the leading independent testing and certification facilities providing customers with one-stop shop services for Compliance Testing and Global Certifications.



In addition to testing and certification, SIEMIC provides initial design reviews and compliance management throughout a project. Our extensive experience with China, Asia Pacific, North America, European, and International compliance requirements, assures the fastest, most cost effective way to attain regulatory compliance for the global markets.

### Accreditations for Conformity Assessment

Country/Region	Scope
USA	EMC, RF/Wireless, SAR, Telecom
Canada	EMC, RF/Wireless, SAR, Telecom
Taiwan	EMC, RF, Telecom, SAR, Safety
Hong Kong	RF/Wireless, SAR, Telecom
Australia	EMC, RF, Telecom, SAR, Safety
Korea	EMI, EMS, RF, SAR, Telecom, Safety
Japan	EMI, RF/Wireless, SAR, Telecom
Singapore	EMC, RF, SAR, Telecom
Europe	EMC, RF, SAR, Telecom, Safety

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## 1. Report Revision History

Report No.	Report Version	Description	Issue Date
15070358-FCC-E	NONE	Original	June 18, 2015

## 2. Customer information

Applicant Name	Shenzhen omimo Technology Co.,Ltd.
Applicant Add	Room1212,Chuangjian Building, No.6023, Shennan Boulevard, Futian District, Shenzhen,China
Manufacturer	Sharetronic Data Technology Co., Ltd.
Manufacturer Add	Weiqiang Technology Park, Yinhe Industrial Estate, Qingxi Town, Dongguan, China

## 3. Test site information

Lab performing tests	SIEMIC (Shenzhen-China) LABORATORIES
Lab Address	Zone A, Floor 1, Building 2 Wan Ye Long Technology Park South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong China 518108
FCC Test Site No.	718246
IC Test Site No.	4842E-1
Test Software	Radiated Emission Program-To Shenzhen v2.0

#### 4. Equipment under Test (EUT) Information

Description of EUT: WiFi camera

Main Model: S510;S520

Serial Model:

Antenna Gain: WIFI: 2.73 dBi

Input Power: Adapte 1:  
Model: TEKA006-0501000UKU  
Input: AC 100-240V; 50/60Hz 0.15A Max  
Output: DC 5.0V; 0.5A  
Adapte 2:  
Model: A31-3762-501000  
Input: AC 100-240V; 50/60Hz 0.2A  
Output: DC 5.0V; 1.0A

Trade Name : omimo

FCC ID: 2AE6WS510

Equipment Category : JBP

Type of Modulation: 802.11b/g/n: DSSS, OFDM

RF Operating Frequency (ies): WIFI:802.11b/g/n(20M): 2412-2462 MHz  
WIFI:802.11n(40M): 2422-2452 MHz

Number of Channels: WIFI :802.11b/g/n(20M): 11CH  
WIFI :802.11n(40M): 7CH

Port: Power Port, Earphone Port, USB Port

GPRS/EGPRS Multi-slot class 8/10/12

## 5. Test Summary

The product was tested in accordance with the following specifications.

All testing has been performed according to below product classification:

FCC Rules	Description of Test	Result
§15.107; ANSI C63.4: 2014	AC Power Line Conducted Emissions	Compliance
§15.109; ANSI C63.4: 2014	Radiated Emissions	Compliance

### Measurement Uncertainty

Emissions		
Test Item	Description	Uncertainty
Band Edge and Radiated Spurious Emissions	Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2 (for EUTs < 0.5m X 0.5m X 0.5m)	+5.6dB/-4.5dB
-	-	-




## 6. Measurements, Examination And Derived Results

### 6.1 AC Power Line Conducted Emissions

Temperature	21°C
Relative Humidity	55%
Atmospheric Pressure	1028mbar
Test date :	May 28, 2015
Tested By :	Lucifer He

#### Requirement(s):

Spec	Item	Requirement	Applicable														
47CFR§15.107	a)	For Low-power radio-frequency devices that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 [mu] H/50 ohms line impedance stabilization network (LISN). The lower limit applies at the boundary between the frequencies ranges.															
		<table><tr><th rowspan="2">Frequency ranges (MHz)</th><th colspan="2">Limit (dBµV)</th></tr><tr><th>QP</th><th>Average</th></tr><tr><td>0.15 ~ 0.5</td><td>66 – 56</td><td>56 – 46</td></tr><tr><td>0.5 ~ 5</td><td>56</td><td>46</td></tr><tr><td>5 ~ 30</td><td>60</td><td>50</td></tr></table>	Frequency ranges (MHz)	Limit (dBµV)		QP	Average	0.15 ~ 0.5	66 – 56	56 – 46	0.5 ~ 5	56	46	5 ~ 30	60	50	
Frequency ranges (MHz)	Limit (dBµV)																
	QP	Average															
0.15 ~ 0.5	66 – 56	56 – 46															
0.5 ~ 5	56	46															
5 ~ 30	60	50															

Test Setup	 <p>Note: 1.Support units were connected to second LISN. 2.Both of LISNs (AMN) are 80cm from EUT and at least 80cm from other units and other metal planes support units.</p>
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Procedure	<ol style="list-style-type: none"> <li>The EUT and supporting equipment were set up in accordance with the requirements of the standard on top of a 1.5m x 1m x 0.8m high, non-metallic table.</li> <li>The power supply for the EUT was fed through a 50W/50mH EUT LISN, connected to filtered mains.</li> </ol>
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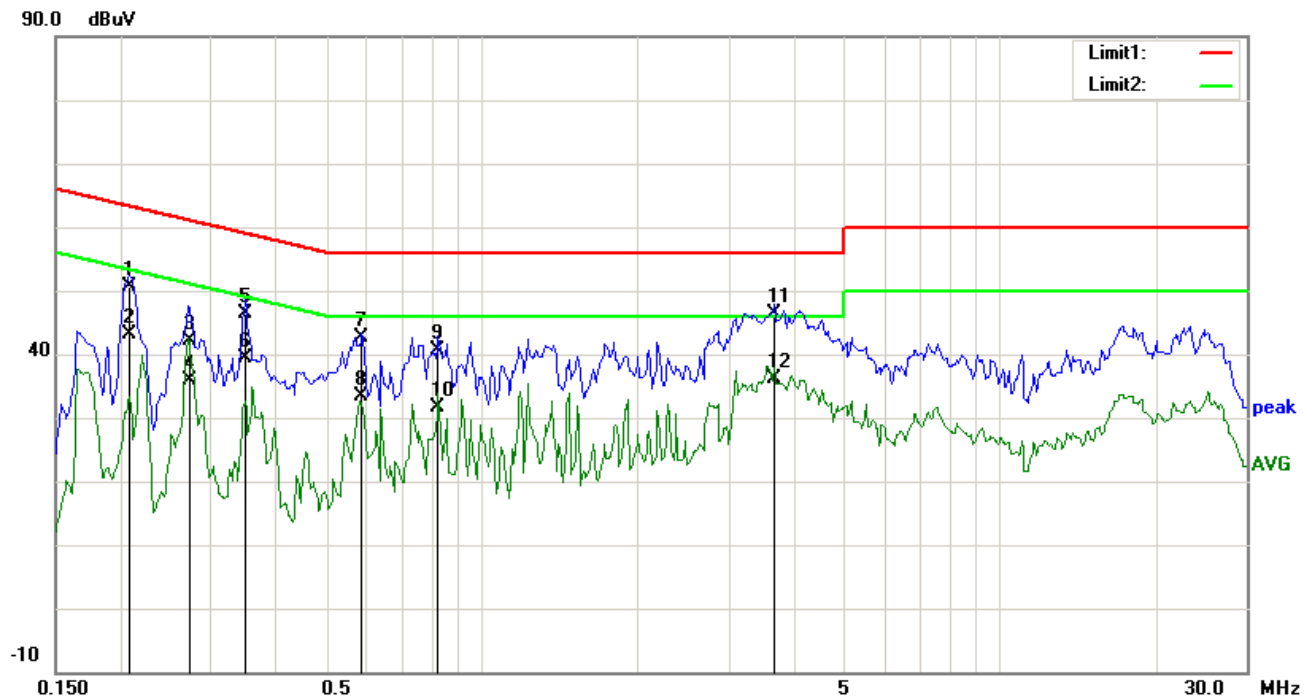
	<p>3. The RF OUT of the EUT LISN was connected to the EMI test receiver via a low-loss coaxial cable.</p> <p>4. All other supporting equipment were powered separately from another main supply.</p> <p>5. The EUT was switched on and allowed to warm up to its normal operating condition.</p> <p>6. A scan was made on the NEUTRAL line (for AC mains) or Earth line (for DC power) over the required frequency range using an EMI test receiver.</p> <p>7. High peaks, relative to the limit line, The EMI test receiver was then tuned to the selected frequencies and the necessary measurements made with a receiver bandwidth setting of 10 kHz.</p> <p>8. Step 7 was then repeated for the LIVE line (for AC mains) or DC line (for DC power).</p>
Remark	
Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

Test Data ☒ Yes ☐ N/A

Test Plot ☒ Yes (See below) ☐ N/A

**Test Mode1 :** Transmitting Mode(Adapter:TEKA006-0501000UKU )

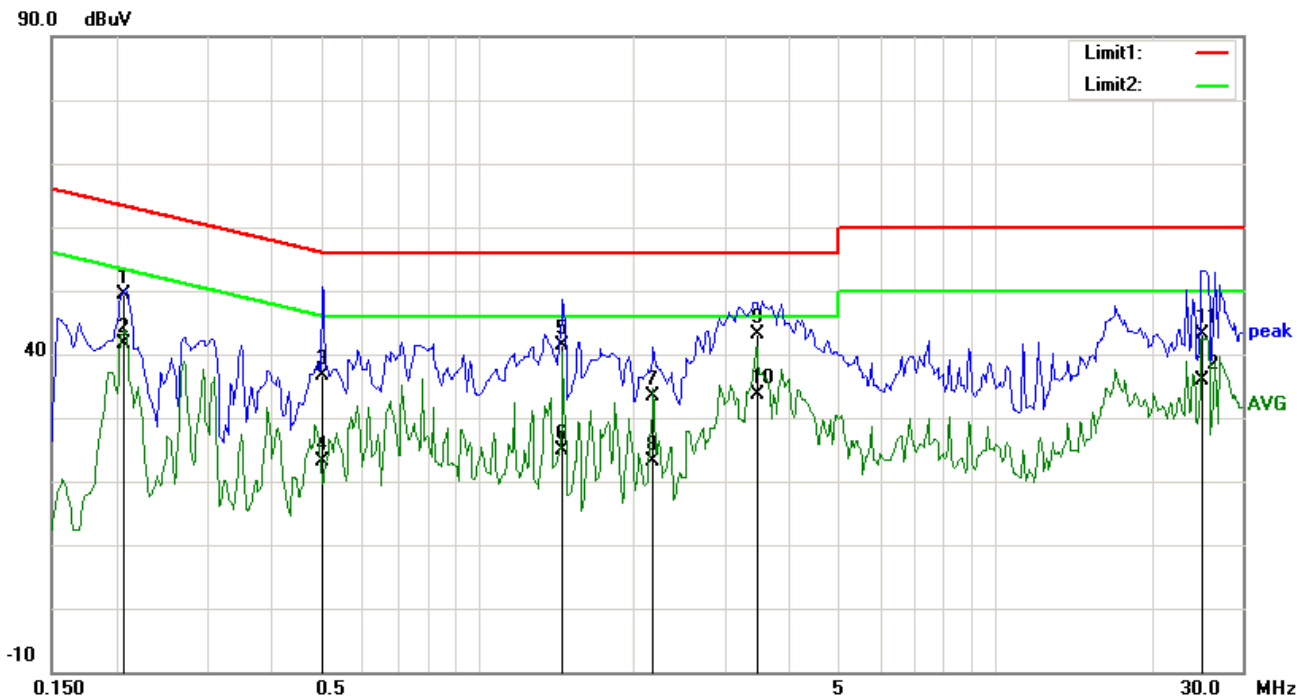
120V/60Hz



**Test Data**

Phase Line Plot at 120Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Comment
		(MHz)	(dBuV)		(dB)	(dBuV)	(dBuV)	(dB)	
1	L1	0.2086	37.69	QP	12.98	50.67	63.26	-12.59	
2	L1	0.2086	30.12	AVG	12.98	43.10	53.26	-10.16	
3	L1	0.2730	29.48	QP	12.74	42.22	61.03	-18.81	
4	L1	0.2730	23.09	AVG	12.74	35.83	51.03	-15.20	
5	L1	0.3492	33.92	QP	12.46	46.38	58.98	-12.60	
6	L1	0.3492	27.04	AVG	12.46	39.50	48.98	-9.48	
7	L1	0.5797	30.81	QP	11.82	42.63	56.00	-13.37	
8	L1	0.5797	21.47	AVG	11.82	33.29	46.00	-12.71	
9	L1	0.8219	28.93	QP	11.58	40.51	56.00	-15.49	
10	L1	0.8219	20.14	AVG	11.58	31.72	46.00	-14.28	
11	L1	3.6641	35.06	QP	11.40	46.46	56.00	-9.54	
12	L1	3.6641	24.80	AVG	11.40	36.20	46.00	-9.80	



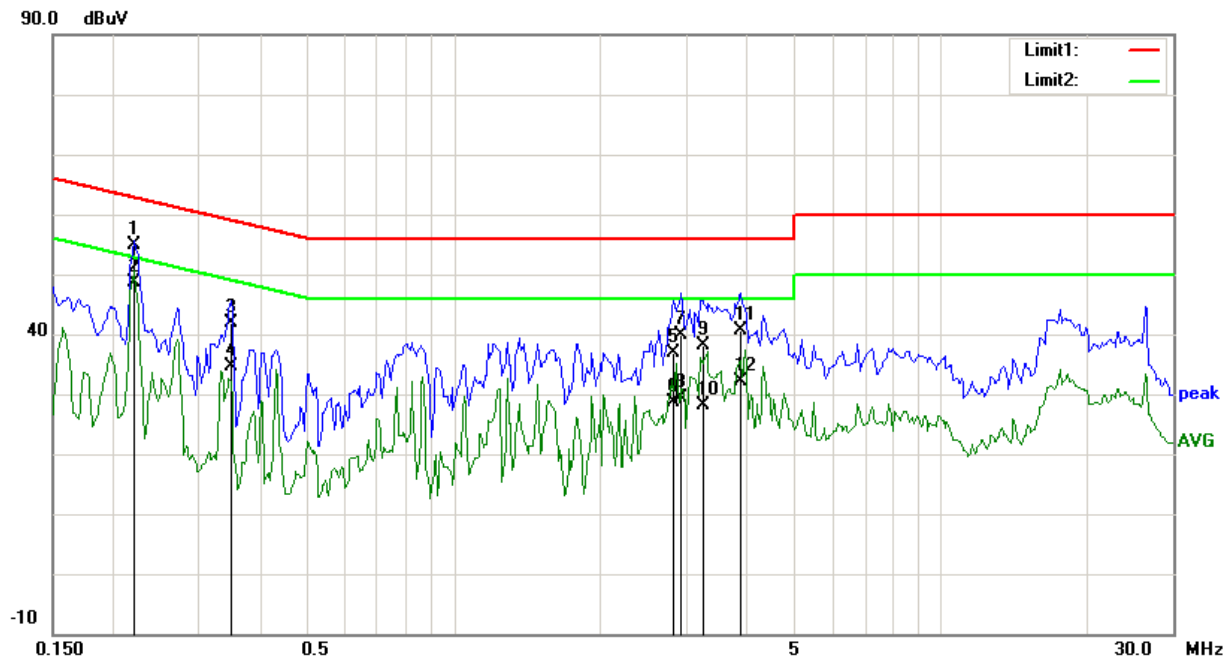
### Test Data

### Phase Neutral Plot at 120Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Comment
		(MHz)	(dBuV)		(dB)	(dBuV)	(dBuV)	(dB)	
1	N	0.2072	36.32	QP	12.99	49.31	63.32	-14.01	
2	N	0.2072	28.59	AVG	12.99	41.58	53.32	-11.74	
3	N	0.5016	24.66	QP	11.90	36.56	56.00	-19.44	
4	N	0.5016	11.33	AVG	11.90	23.23	46.00	-22.77	
5	N	1.4625	29.88	QP	11.46	41.34	56.00	-14.66	
6	N	1.4625	13.51	AVG	11.46	24.97	46.00	-21.03	
7	N	2.1812	21.87	QP	11.55	33.42	56.00	-22.58	
8	N	2.1812	11.66	AVG	11.55	23.21	46.00	-22.79	
9	N	3.4722	31.30	QP	11.71	43.01	56.00	-12.99	
10	N	3.4722	21.91	AVG	11.71	33.62	46.00	-12.38	
11	N	25.0545	26.08	QP	17.02	43.10	60.00	-16.90	
12	N	25.0545	18.75	AVG	17.02	35.77	50.00	-14.23	

**Test Mode 2: Transmitting Mode (Adaptor: A31-3762-501000 )**

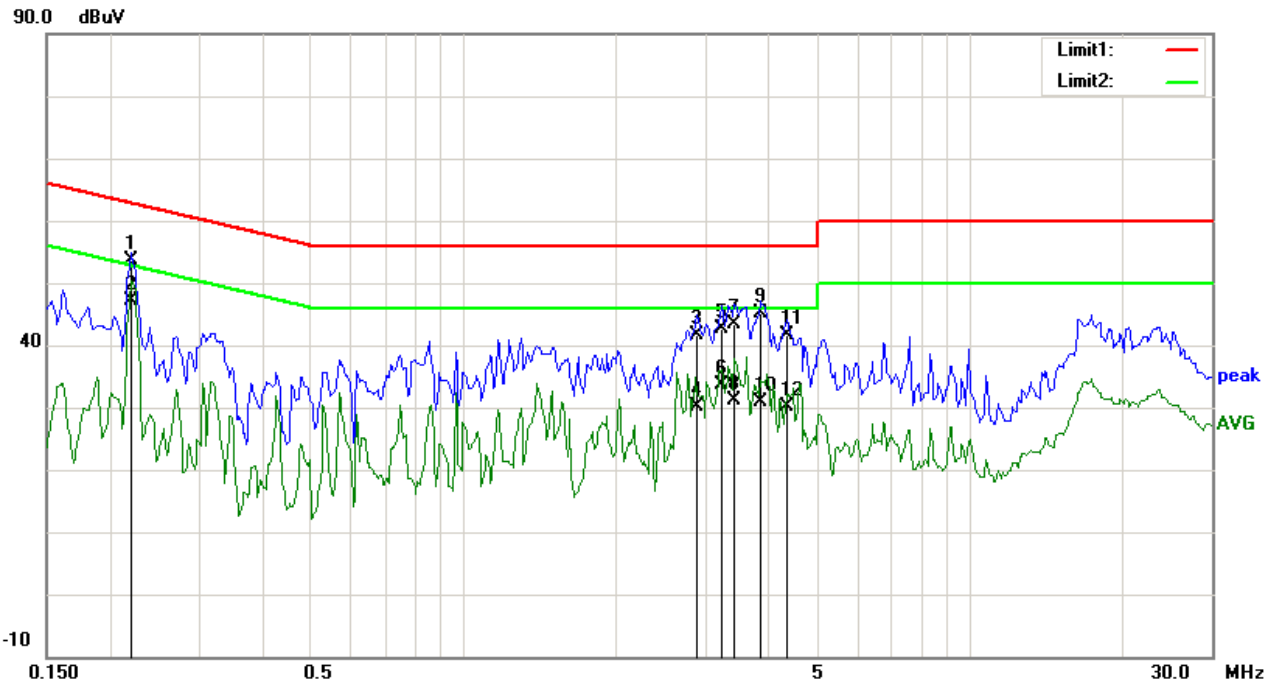
120V/60Hz



**Test Data**

Phase Line Plot at 120Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Comment
		(MHz)	(dBuV)		(dB}	(dBuV)	(dBuV)	(dB)	
1	L1	0.2203	41.94	QP	12.94	54.88	62.81	-7.93	
2	L1	0.2203	35.59	AVG	12.94	48.53	52.81	-4.28	
3	L1	0.3492	29.46	QP	12.46	41.92	58.98	-17.06	
4	L1	0.3492	22.19	AVG	12.46	34.65	48.98	-14.33	
5	L1	2.8258	25.46	QP	11.40	36.86	56.00	-19.14	
6	L1	2.8258	17.29	AVG	11.40	28.69	46.00	-17.31	
7	L1	2.9352	28.45	QP	11.40	39.85	56.00	-16.15	
8	L1	2.9352	18.05	AVG	11.40	29.45	46.00	-16.55	
9	L1	3.2422	26.77	QP	11.40	38.17	56.00	-17.83	
10	L1	3.2422	16.69	AVG	11.40	28.09	46.00	-17.91	
11	L1	3.8828	29.35	QP	11.40	40.75	56.00	-15.25	
12	L1	3.8828	20.68	AVG	11.40	32.08	46.00	-13.92	



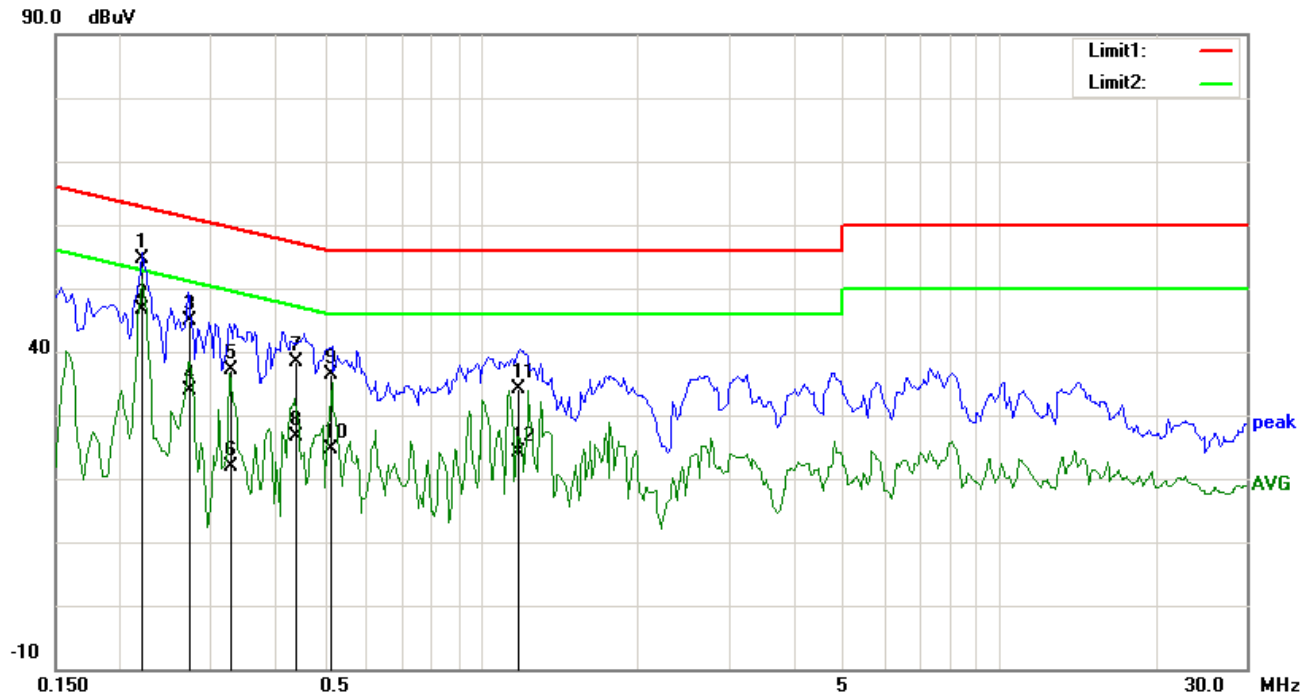
### Test Data

### Phase Neutral Plot at 120Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Comment
		(MHz)	(dBuV)		(dB}	(dBuV)	(dBuV)	(dB)	
1	N	0.2203	40.59	QP	12.94	53.53	62.81	-9.28	
2	N	0.2203	34.27	AVG	12.94	47.21	52.81	-5.60	
3	N	2.8883	29.90	QP	11.64	41.54	56.00	-14.46	
4	N	2.8883	18.43	AVG	11.64	30.07	46.00	-15.93	
5	N	3.2266	30.91	QP	11.68	42.59	56.00	-13.41	
6	N	3.2266	22.01	AVG	11.68	33.69	46.00	-12.31	
7	N	3.4219	31.65	QP	11.70	43.35	56.00	-12.65	
8	N	3.4219	19.51	AVG	11.70	31.21	46.00	-14.79	
9	N	3.8555	33.47	QP	11.76	45.23	56.00	-10.77	
10	N	3.8555	19.23	AVG	11.76	30.99	46.00	-15.01	
11	N	4.3438	29.74	QP	11.82	41.56	56.00	-14.44	
12	N	4.3438	18.30	AVG	11.82	30.12	46.00	-15.88	

**Test Mode1 :** Transmitting Mode(Adapter:TEKA006-0501000UKU )

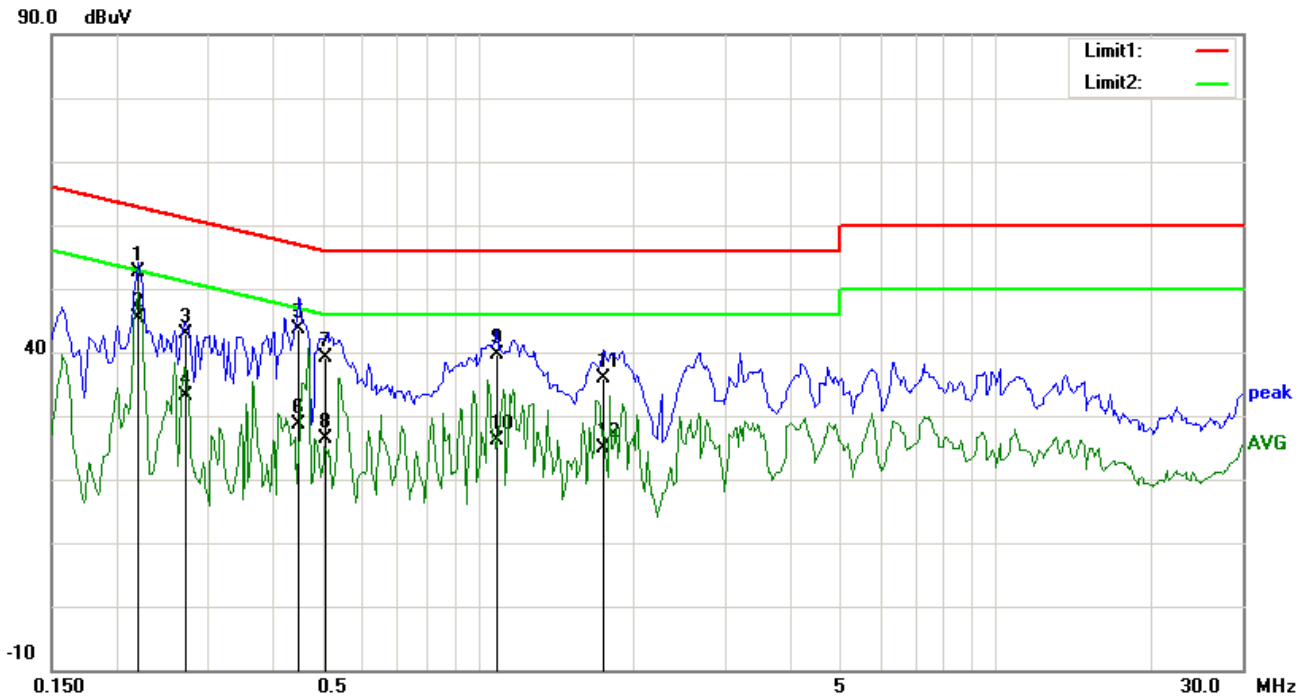
240 V, 60Hz



### Test Data

Phase Line Plot at 240Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Comment
		(MHz)	(dBuV)		(dB}	(dBuV)	(dBuV)	(dB)	
1	L1	0.2208	41.65	QP	12.94	54.59	62.79	-8.20	
2	L1	0.2208	33.67	AVG	12.94	46.61	52.79	-6.18	
3	L1	0.2730	32.15	QP	12.74	44.89	61.03	-16.14	
4	L1	0.2730	21.18	AVG	12.74	33.92	51.03	-17.11	
5	L1	0.3268	24.55	QP	12.54	37.09	59.53	-22.44	
6	L1	0.3268	9.24	AVG	12.54	21.78	49.53	-27.75	
7	L1	0.4352	26.29	QP	12.14	38.43	57.15	-18.72	
8	L1	0.4352	14.39	AVG	12.14	26.53	47.15	-20.62	
9	L1	0.5101	24.43	QP	11.89	36.32	56.00	-19.68	
10	L1	0.5101	12.78	AVG	11.89	24.67	46.00	-21.33	
11	L1	1.1781	22.82	QP	11.40	34.22	56.00	-21.78	
12	L1	1.1781	12.72	AVG	11.40	24.12	46.00	-21.88	



### Test Data

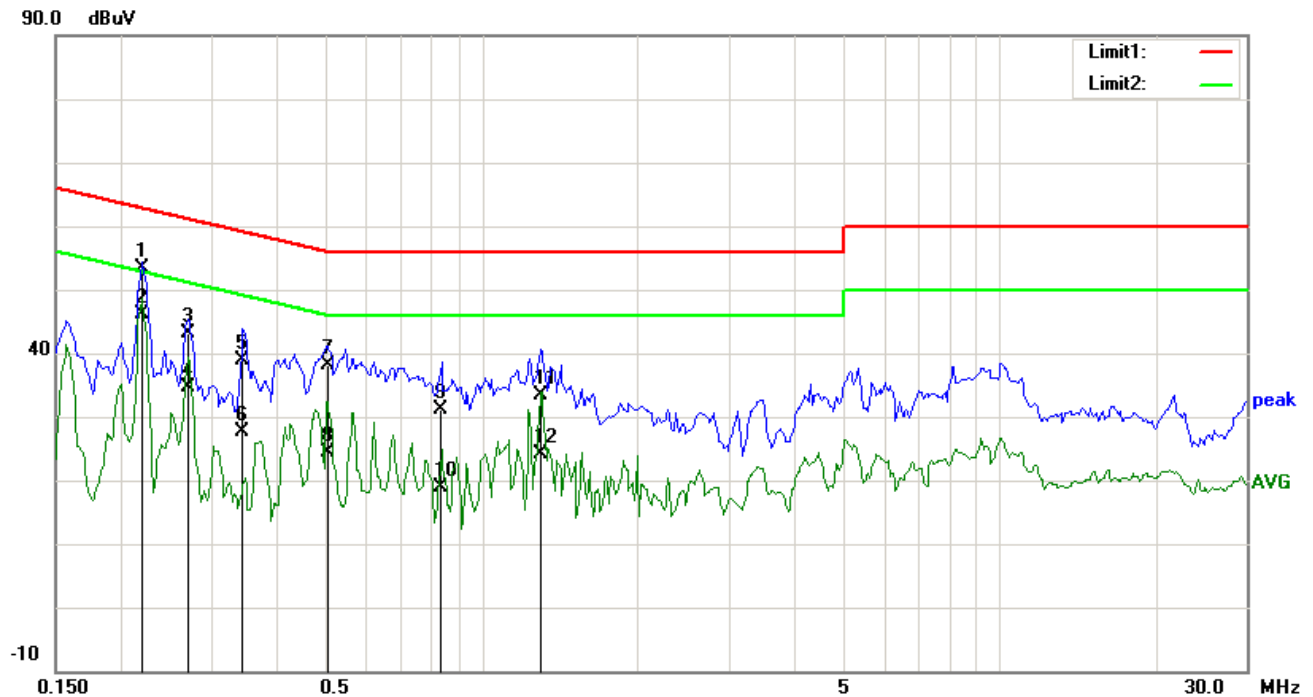
#### Phase Neutral Plot at 240Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Comment
		(MHz)	(dBuV)		(dB)	(dBuV)	(dBuV)	(dB)	
1	N	0.2208	39.60	QP	12.94	52.54	62.79	-10.25	
2	N	0.2208	32.49	AVG	12.94	45.43	52.79	-7.36	
3	N	0.2730	30.13	QP	12.74	42.87	61.03	-18.16	
4	N	0.2730	20.45	AVG	12.74	33.19	51.03	-17.84	
5	N	0.4508	31.53	QP	12.08	43.61	56.86	-13.25	
6	N	0.4508	16.46	AVG	12.08	28.54	46.86	-18.32	
7	N	0.5074	27.36	QP	11.89	39.25	56.00	-16.75	
8	N	0.5074	14.51	AVG	11.89	26.40	46.00	-19.60	
9	N	1.0881	28.14	QP	11.41	39.55	56.00	-16.45	
10	N	1.0881	14.67	AVG	11.41	26.08	46.00	-19.92	
11	N	1.7437	24.31	QP	11.49	35.80	56.00	-20.20	
12	N	1.7437	13.34	AVG	11.49	24.83	46.00	-21.17	



**Test Mode 2: Transmitting Mode (Adaptor: A31-3762-501000 )**

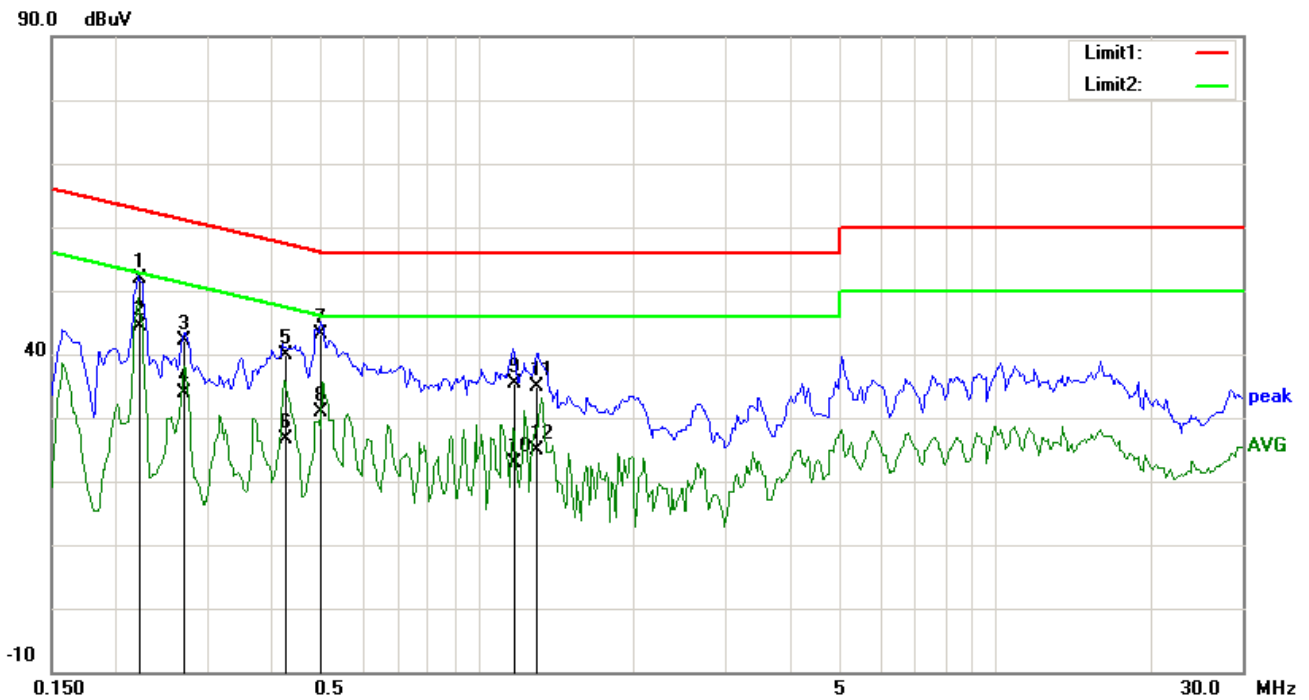
240 V, 60Hz



**Test Data**

Phase Line Plot at 240Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Comment
		(MHz)	(dBuV)		(dB}	(dBuV)	(dBuV)	(dB)	
1	L1	0.2208	40.44	QP	12.94	53.38	62.79	-9.41	
2	L1	0.2208	33.23	AVG	12.94	46.17	52.79	-6.62	
3	L1	0.2711	30.32	QP	12.75	43.07	61.08	-18.01	
4	L1	0.2711	21.86	AVG	12.75	34.61	51.08	-16.47	
5	L1	0.3453	26.41	QP	12.47	38.88	59.07	-20.19	
6	L1	0.3453	15.12	AVG	12.47	27.59	49.07	-21.48	
7	L1	0.5047	26.23	QP	11.90	38.13	56.00	-17.87	
8	L1	0.5047	12.54	AVG	11.90	24.44	46.00	-21.56	
9	L1	0.8305	19.64	QP	11.57	31.21	56.00	-24.79	
10	L1	0.8305	7.26	AVG	11.57	18.83	46.00	-27.17	
11	L1	1.3023	22.07	QP	11.40	33.47	56.00	-22.53	
12	L1	1.3023	12.76	AVG	11.40	24.16	46.00	-21.84	



### Test Data


#### Phase Neutral Plot at 240Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Comment
		(MHz)	(dBuV)		(dB)	(dBuV)	(dBuV)	(dB)	
1	N	0.2220	38.98	QP	12.93	51.91	62.74	-10.83	
2	N	0.2220	31.46	AVG	12.93	44.39	52.74	-8.35	
3	N	0.2711	29.34	QP	12.75	42.09	61.08	-18.99	
4	N	0.2711	21.03	AVG	12.75	33.78	51.08	-17.30	
5	N	0.4260	27.75	QP	12.17	39.92	57.33	-17.41	
6	N	0.4260	14.43	AVG	12.17	26.60	47.33	-20.73	
7	N	0.4977	31.28	QP	11.91	43.19	56.04	-12.85	
8	N	0.4977	19.05	AVG	11.91	30.96	46.04	-15.08	
9	N	1.1781	23.86	QP	11.42	35.28	56.00	-20.72	
10	N	1.1781	11.55	AVG	11.42	22.97	46.00	-23.03	
11	N	1.3023	23.43	QP	11.44	34.87	56.00	-21.13	
12	N	1.3023	13.33	AVG	11.44	24.77	46.00	-21.23	

## 6.2 Radiated Emissions

Temperature	21°C
Relative Humidity	55%
Atmospheric Pressure	1028mbar
Test date :	May 28, 2015
Tested By :	Lucifer He

### Requirement(s):

Spec	Item	Requirement	Applicable	
47CFR§15.107(d)	a)	Except higher limit as specified elsewhere in other section, the emissions from the low-power radio-frequency devices shall not exceed the field strength levels specified in the following table and the level of any unwanted emissions shall not exceed the level of the fundamental emission. The tighter limit applies at the band edges		
		Frequency range (MHz)		Field Strength (µV/m)
		30 – 88		100
		88 – 216		150
		216 960		200
		Above 960		500

Test Setup	
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Procedure	<ol style="list-style-type: none"> <li>The EUT was switched on and allowed to warm up to its normal operating condition.</li> <li>The test was carried out at the selected frequency points obtained from the EUT characterization. Maximization of the emissions, was carried out by rotating the EUT, changing the antenna polarization, and adjusting the antenna height in the following manner: <ol style="list-style-type: none"> <li>Vertical or horizontal polarization (whichever gave the higher emission level</li> </ol> </li> </ol>
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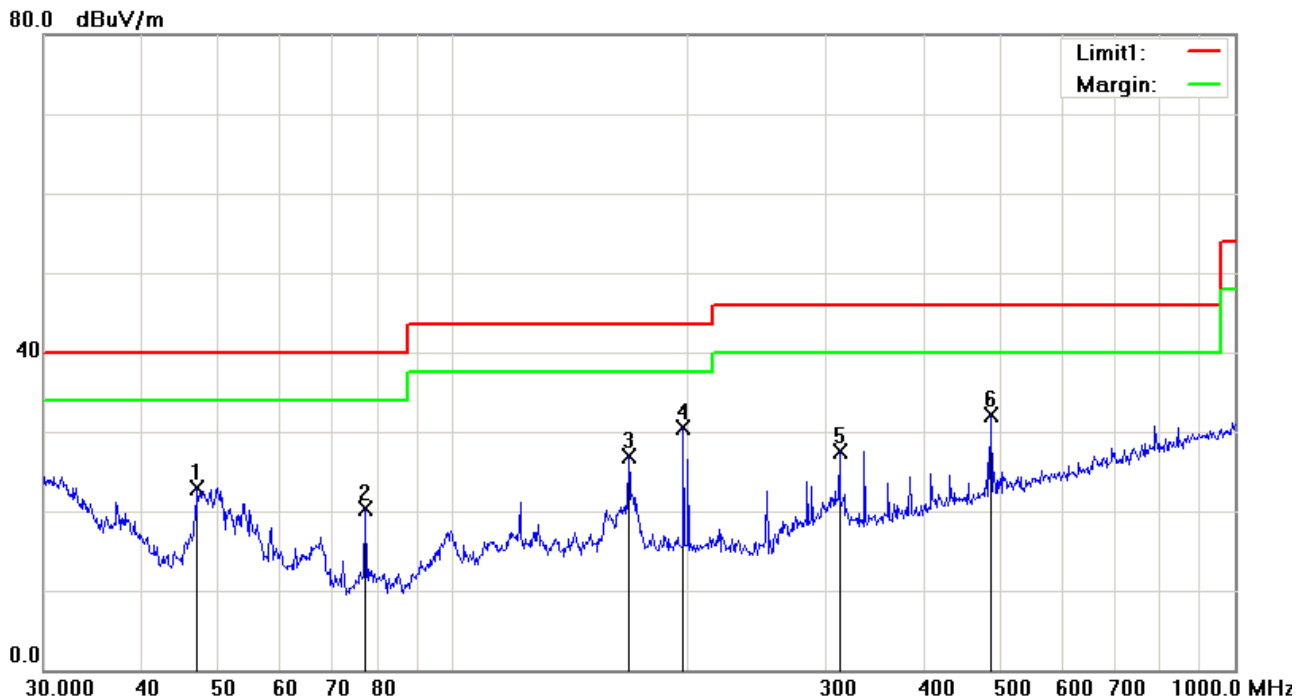
	<p>over a full rotation of the EUT) was chosen.</p> <p>b. The EUT was then rotated to the direction that gave the maximum emission.</p> <p>c. Finally, the antenna height was adjusted to the height that gave the maximum emission.</p> <p>3. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi Peak detection at frequency below 1GHz.</p> <p>4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz with Peak detection for Peak measurement at frequency above 1GHz.</p> <p>The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth with Peak detection for Average Measurement as below at frequency above 1GHz.</p> <p>■ 1 kHz (Duty cycle &lt; 98%) □ 10 Hz (Duty cycle &gt; 98%)</p> <p>5. Steps 2 and 3 were repeated for the next frequency point, until all selected frequency points were measured.</p>
Remark	
Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

Test Data ☒ Yes ☐ N/A

Test Plot ☒ Yes (See below) ☐ N/A

**Test Mode 1:** Transmitting Mode (Adaptor: TEKA006-0501000UKU )

### Below 1GHz



### Test Data

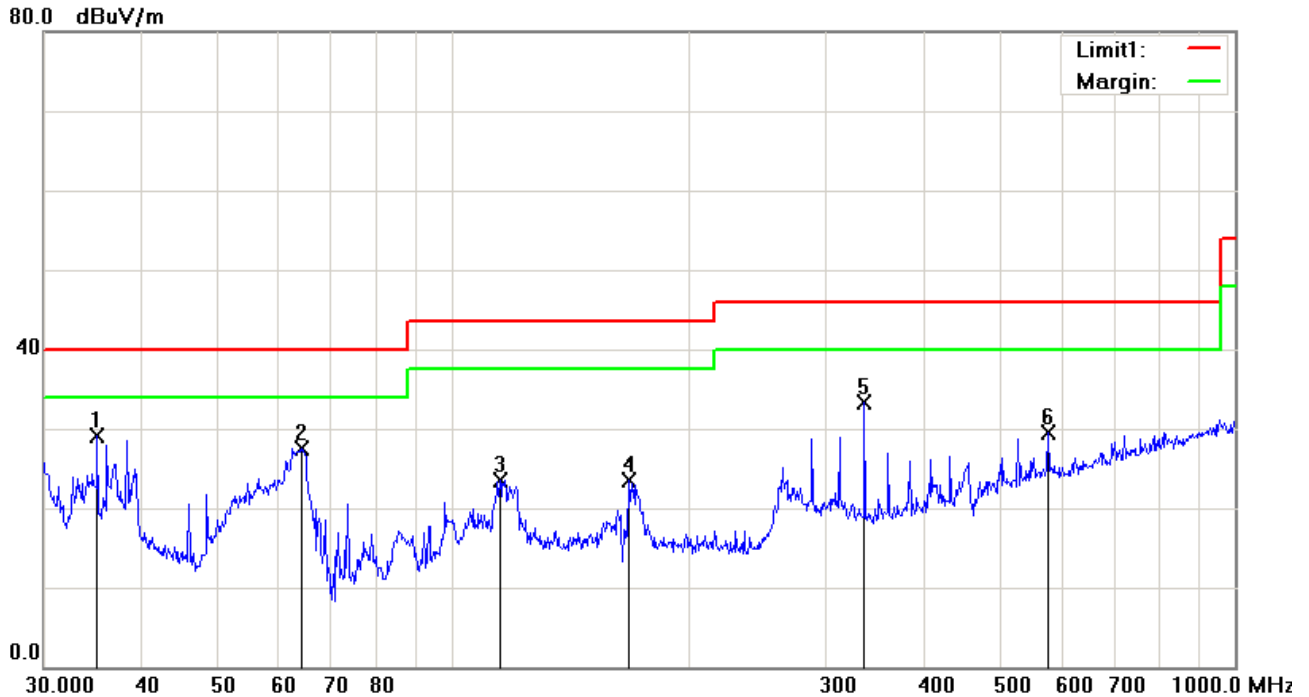
#### Horizontal Polarity Plot @3m

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Height	Degree	Comment
		(MHz)	(dBuV/m)		(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	( )	
1	H	47.1599	34.82	peak	-11.91	22.91	40.00	-17.09			
2	H	77.3212	34.02	peak	-13.76	20.26	40.00	-19.74			
3	H	167.8243	35.91	peak	-8.92	26.99	43.50	-16.51			
4	H	197.2001	39.34	peak	-8.87	30.47	43.50	-13.03			
5	H	312.1794	34.08	peak	-6.55	27.53	46.00	-18.47			
6	H	487.3151	34.21	peak	-2.04	32.17	46.00	-13.83			

### Above 1GHz

Note: The frequency that above 1GHz is mainly from the environment noise.

### Below 1GHz



### Test Data

#### Vertical Polarity Plot @3m

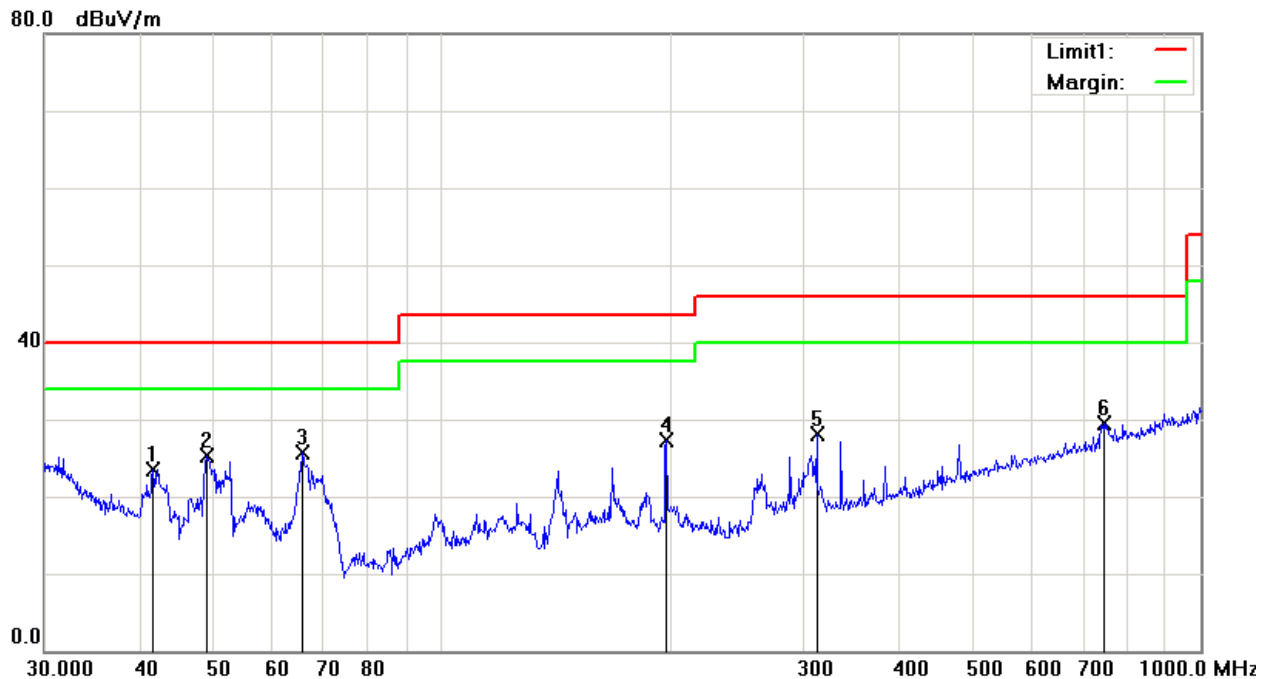
No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Height	Degree	Comment
		(MHz)	(dBuV/m)		(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	( )	
1	V	35.1278	33.22	peak	-4.03	29.19	40.00	-10.81			
2	V	63.9828	41.64	peak	-14.05	27.59	40.00	-12.41			
3	V	114.9169	31.65	peak	-8.17	23.48	43.50	-20.02			
4	V	167.8243	32.47	peak	-8.92	23.55	43.50	-19.95			
5	V	336.0352	39.13	peak	-5.86	33.27	46.00	-12.73			
6	V	576.6443	29.78	peak	-0.37	29.41	46.00	-16.59			

### Above 1GHz

Note: The frequency that above 1GHz is mainly from the environment noise.

<b>Test Mode 2:</b>	<b>Transmitting Mode (Adaptor: A31-3762-501000 )</b>
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### Below 1GHz



### Test Data

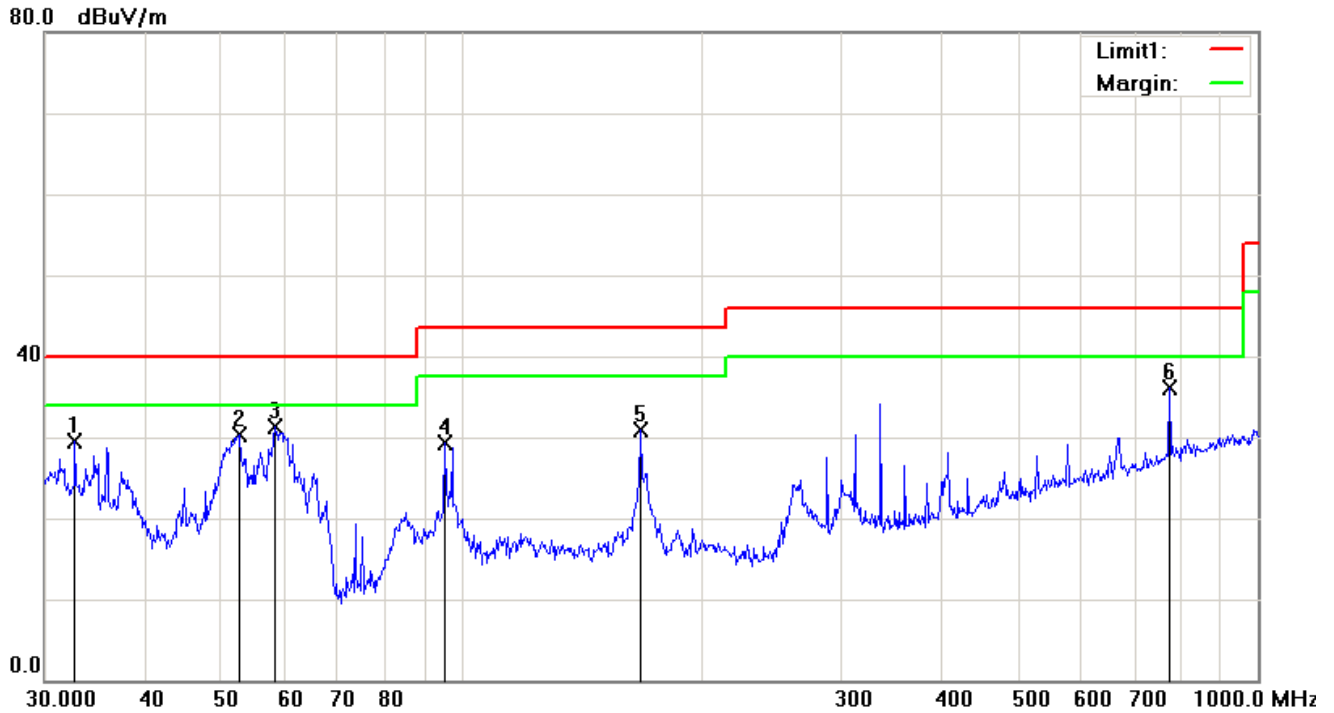
#### Horizontal Polarity Plot @3m

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Height	Degree	Comment
		(MHz)	(dBuV/m)		(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	( )	
1	H	41.7130	32.24	peak	-8.73	23.51	40.00	-16.49			
2	H	49.1866	38.05	peak	-12.82	25.23	40.00	-14.77			
3	H	65.5727	39.65	peak	-13.92	25.73	40.00	-14.27			
4	H	197.8928	36.19	peak	-8.85	27.34	43.50	-16.16			
5	H	312.1794	34.69	peak	-6.55	28.14	46.00	-17.86			
6	H	747.4826	27.17	peak	2.36	29.53	46.00	-16.47			

### Above 1GHz

Note: The frequency that above 1GHz is mainly from the environment noise.

### Below 1GHz



### Test Data

#### Vertical Polarity Plot @3m

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Height	Degree	Comment
		(MHz)	(dBuV/m)		(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	( )	
1	V	32.7486	31.84	peak	-2.28	29.56	40.00	-10.44			
2	V	52.7600	43.72	peak	-13.50	30.22	40.00	-9.78			
3	V	58.4074	45.46	peak	-14.17	31.29	40.00	-8.71			
4	V	95.4270	41.29	peak	-12.02	29.27	43.50	-14.23			
5	V	167.8243	39.77	peak	-8.92	30.85	43.50	-12.65			
6	V	774.1584	33.28	peak	2.80	36.08	46.00	-9.92			

### Above 1GHz

Note: The frequency that above 1GHz is mainly from the environment noise.



## Annex A. TEST INSTRUMENT

Instrument	Model	Serial #	Cal Date	Cal Due	In use
<b>AC Line Conducted Emissions</b>					
EMI test receiver	ESCS30	8471241027	09/18/2014	09/17/2015	<input checked="" type="checkbox"/>
Line Impedance Stabilization Network	LI-125A	191106	09/26/2014	09/25/2015	<input checked="" type="checkbox"/>
Line Impedance Stabilization Network	LI-125A	191107	09/26/2014	09/25/2015	<input checked="" type="checkbox"/>
LISN	ISN T800	34373	09/26/2014	09/25/2015	<input checked="" type="checkbox"/>
Transient Limiter	LIT-153	531118	09/02/2014	09/01/2015	<input checked="" type="checkbox"/>
<b>Radiated Emissions</b>					
EMI test receiver	ESL6	100262	09/18/2014	09/17/2015	<input checked="" type="checkbox"/>
OPT 010 AMPLIFIER (0.1-1300MHz)	8447E	2727A02430	09/02/2014	09/01/2015	<input checked="" type="checkbox"/>
Microwave Preamplifier (1 ~ 26.5GHz)	8449B	3008A02402	03/25/2015	03/24/2016	<input checked="" type="checkbox"/>
Bilog Antenna (30MHz~6GHz)	JB6	A110712	09/22/2014	09/21/2015	<input checked="" type="checkbox"/>
Double Ridge Horn Antenna	AH-118	71259	09/25/2014	09/24/2015	<input checked="" type="checkbox"/>

## Annex B. EUT And Test Setup Photographs

### S510

#### Annex B.i. Photograph: EUT External Photo



Whole package 1 - Front View



Whole package 2 - Front View



Adapter 1 - Front View



Adapter 2 - Front View



EUT - Front View

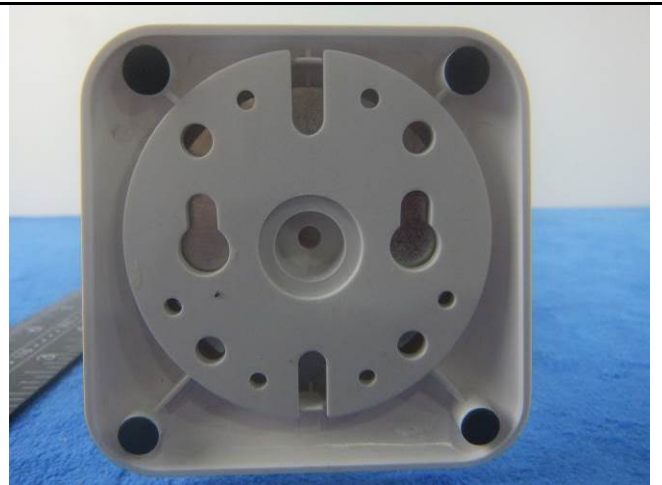


EUT - Rear View

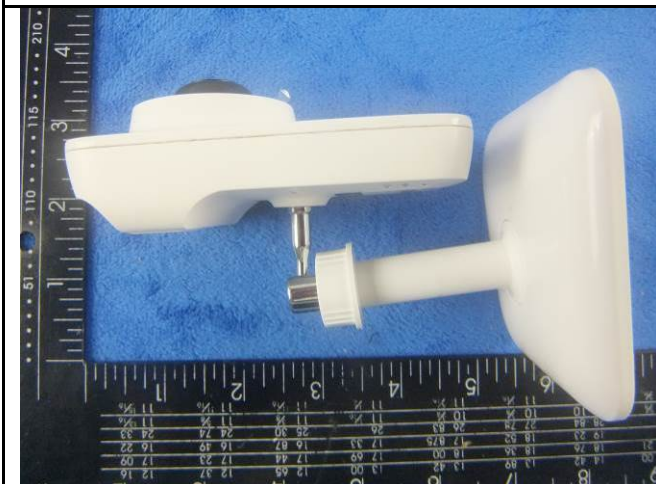
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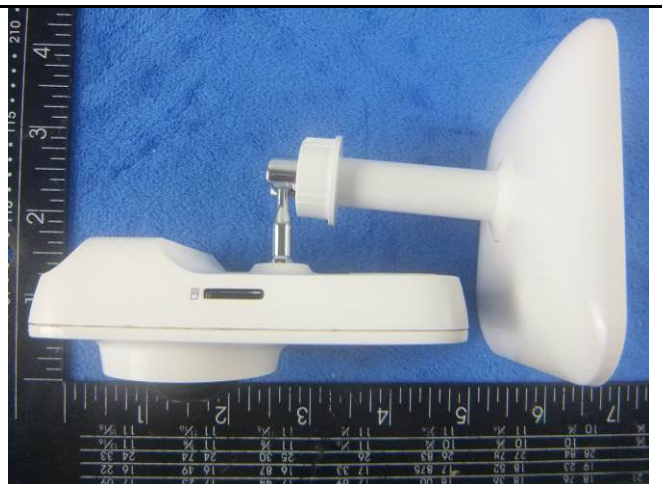
EUT - Top View



EUT - Bottom View



EUT - Left View



EUT - Right View



**S520**

**Annex B.i. Photograph: EUT External Photo**



EUT - Front View



EUT - Rear View



EUT - Left View



EUT - Right View

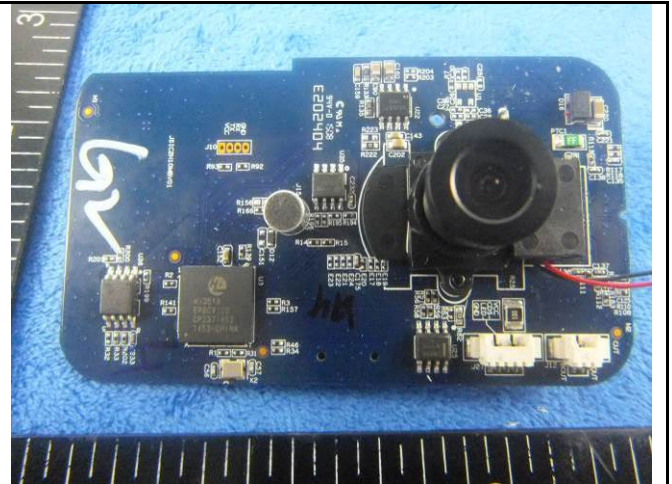


EUT - Top View

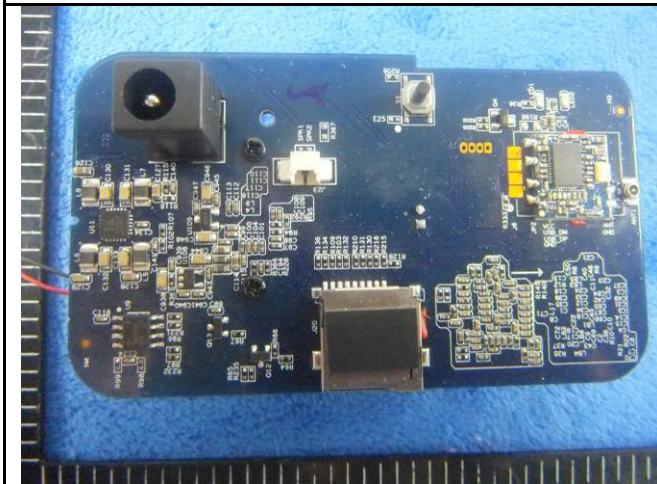
## Annex B.ii. Photograph: EUT Internal Photo



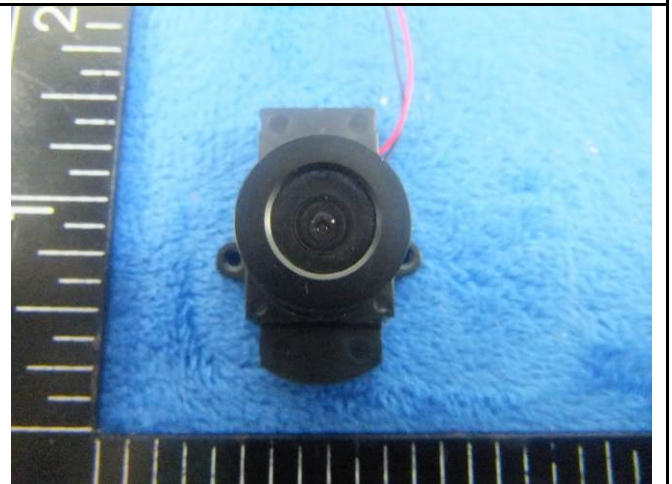
EUT - Uncover Front View 1



Mainboard - Front View



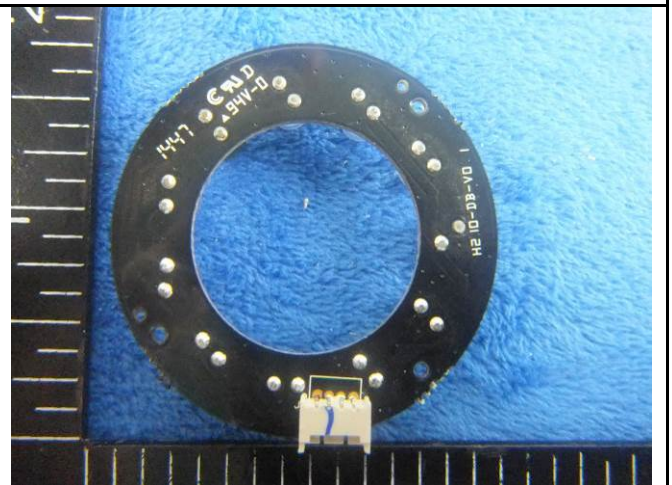
Mainboard - Rear View



Camera



LCD - Front View



LCD - Rear View



### Annex B.iii. Photograph: Test Setup Photo



Conducted Emission and Adapter 1– Front View



Conducted Emission and Adapter 1– Rear View



Conducted Emission and Adapter 2– Front View



Conducted Emission and Adapter 2– Rear View



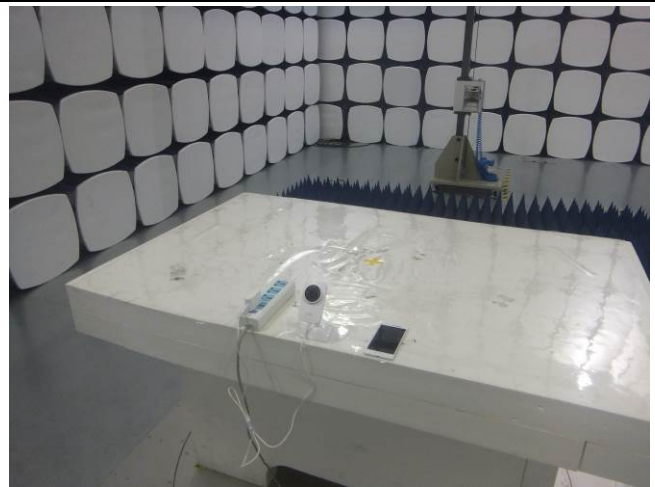
Radiated Emission and Adapter 1-Below 1 GHz



Radiated Emission and Adapter 1-Above 1 GHz



Radiated Emission and Adapter 2-Below 1 GHz

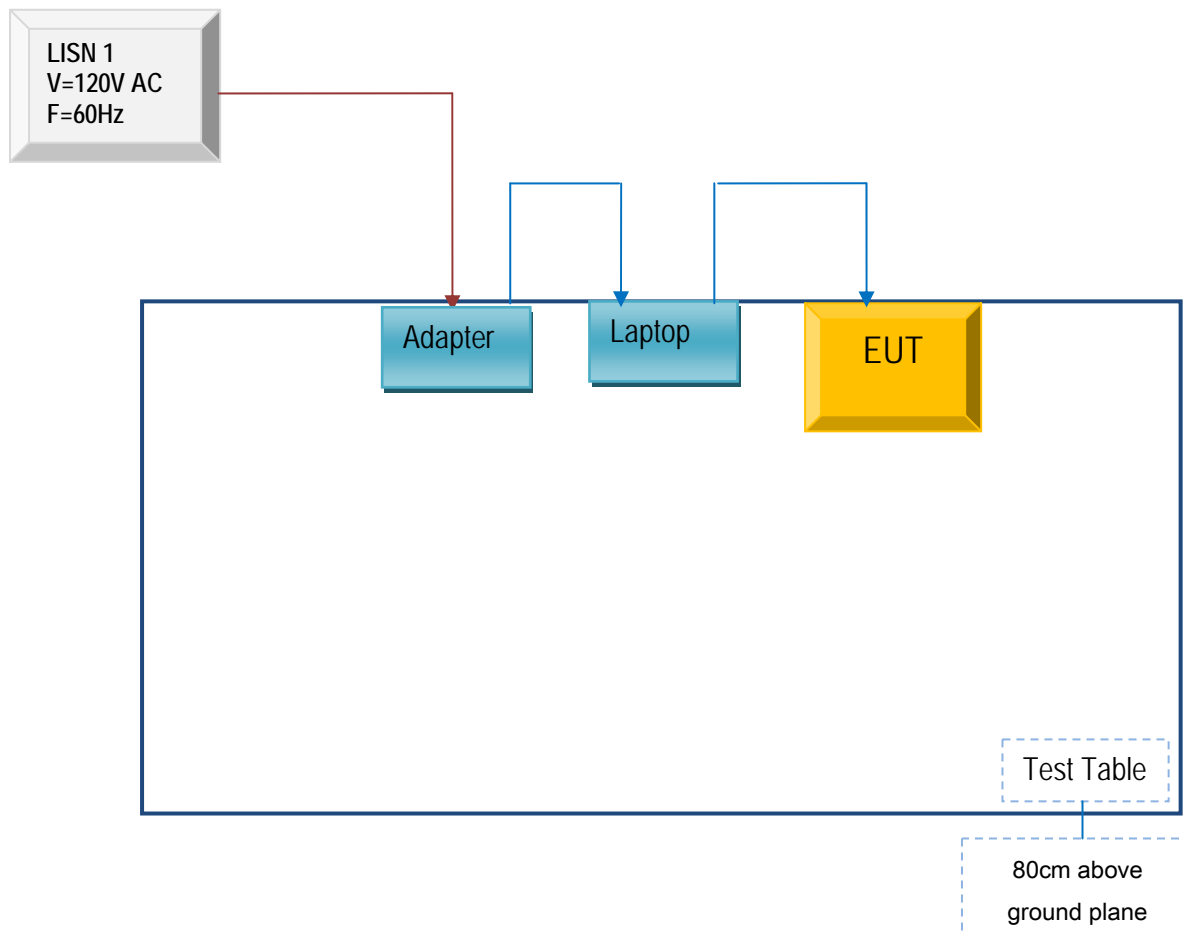


Radiated Emission and Adapter 2 - Above 1 GHz

## Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

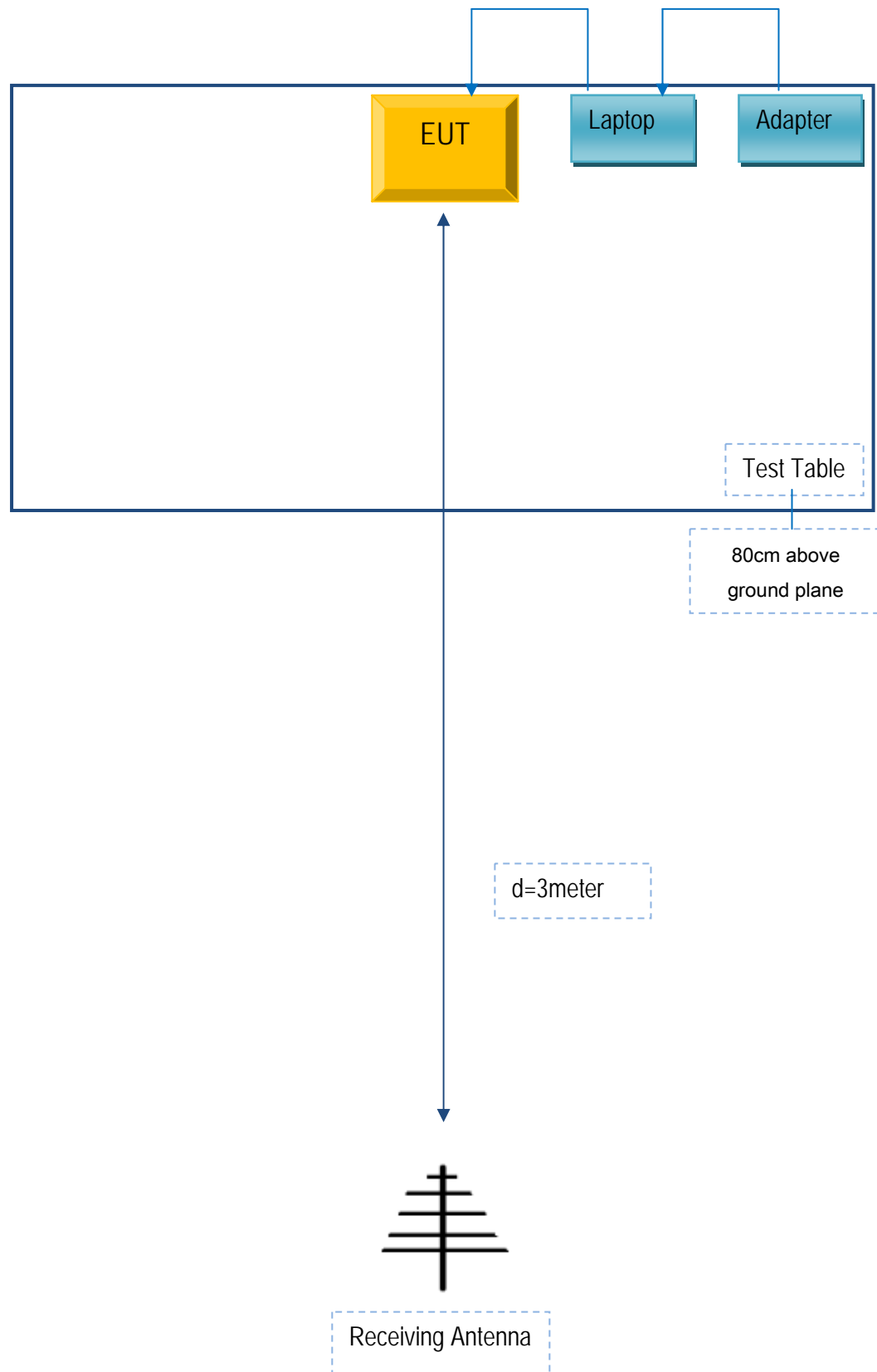
### Annex C.ii. TEST SET UP BLOCK

#### Block Configuration Diagram for Conducted Emissions





## Block Configuration Diagram for Radiated Emissions



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## **Annex C. ii. SUPPORTING EQUIPMENT DESCRIPTION**

The following is a description of supporting equipment and details of cables used with the EUT.

Manufacturer	Equipment Description	Model	Calibration Date	Calibration Due Date
N/A	N/A	N/A	N/A	N/A

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## Annex D. User Manual / Block Diagram / Schematics / Partlist

Please see Attachment

## Annex E. DECLARATION OF SIMILARITY

shenzhen omimo Technology Co.,Ltd..

To: SIEMIC ,775 Montague Expressway, Milpitas, CA 95035,USA

### Declaration Letter

Dear Sir,

For our business issue and marketing requirement, we would like to list 2 model numbers on the FCC certificates and reports, as following:

Model No.:S510 / S520

We declare that the difference of these is listed as below:

Main Model No	Serial Model No	Difference
S510	S520	Difference on the outlook The face sell of S510 is arc-shaped,and S520 is rectilinear figure The reverse side of S510 is "T" type,and S520 is rectilinear figure The support of S510 is arc plane shape,and S520 is adjustable white plastic

Thank you!

Signature:

*Ci Ci . Lin*

Printed name/title: Shenzhen omimo Technology Co.,Ltd.

Tel:86-755-33098502

Address: Room 1212,Chuangjian Building,No.6023,Shennan Boulevard,Futian  
District,Shenzhen,China.