

FCC Test Report

FCC ID: BEJ70UW340C

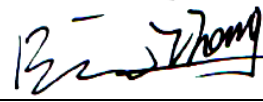
Project No. : 1610C079
Equipment : LED TV Receiver
Test Model : 70UW340C-CB
Series Model : N/A
Applicant : LG Electronic USA
Address : 1000 Sylvan Avenue Englewood Cliffs New Jersey
United States

Date of Receipt : Oct. 10, 2016
Date of Test : Oct. 10, 2016 ~ Oct. 19, 2016
Issued Date : Oct. 21, 2016
Tested by : BTL Inc.

Testing Engineer :


(Treay Chen)

Technical Manager :


(Bill Zhang)

Authorized Signatory :


(Steven Lu)

B T L I N C .

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Declaration

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BTL's laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCE-1-1610C079	Original Issue.	Oct. 21, 2016

1. CERIFICATION

Equipment : LED TV Receiver
Brand Name : LG
Test Model : 70UW340C-CB
Series Model : N/A
Applicant : LG Electronic USA
Manufacturer : LG Electronics Nanjing New Technology Co Ltd.
Address : No.346, Yaoxin Road ,Economic&Technical Development Zone Nanjing,
Jiangsu 210038 China
Factory : LG Electronics Nanjing New Technology Co Ltd.
Address : No.346, Yaoxin Road ,Economic&Technical Development Zone Nanjing,
Jiangsu 210038 China
Date of Test : Oct. 10, 2016 ~ Oct. 19, 2016
Test Sample : Engineering Sample
Standard(s) : FCC Part 15, Subpart B
ANSI C63.4-2014

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCE-1-1610C079) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

EMC Emission				
Standard(s)	Test Item	Limit	Judgment	Remark
FCC Part15, Subpart B	Conducted Emission	Class B	PASS	
	Radiated emission Below 1 GHz	Class B	PASS	
	Radiated emission Above 1 GHz	Class B	PASS	NOTE(2)

NOTE:

- (1) " N/A" denotes test is not applicable to this device.
- (2) The EUT's max operating frequency is 2.4GHz which exceeds 108 MHz, so the test will be performed.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.
BTL's test firm number for FCC: 319330

2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{CISPR} requirement.

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-C01	CISPR	150 kHz ~ 30MHz	3.16

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
DG-CB08 (10m)	CISPR	30MHz ~ 200MHz	V	4.66
		30MHz ~ 200MHz	H	4.64
		200MHz ~ 1,000MHz	V	4.88
		200MHz ~ 1,000MHz	H	4.86

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB08 (3m)	CISPR	1 ~ 6 GHz	4.26
		6 ~18 GHz	5.30

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	LED TV Receiver
Brand Name	LG
Test Model	70UW340C-CB
Series Model	N/A
Model Difference	N/A
Power Source	AC Mains.
Power Rating	AC 100-240 V~ ,50/60 Hz 2.6A

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

3.2 DESCRIPTION OF TEST MODES

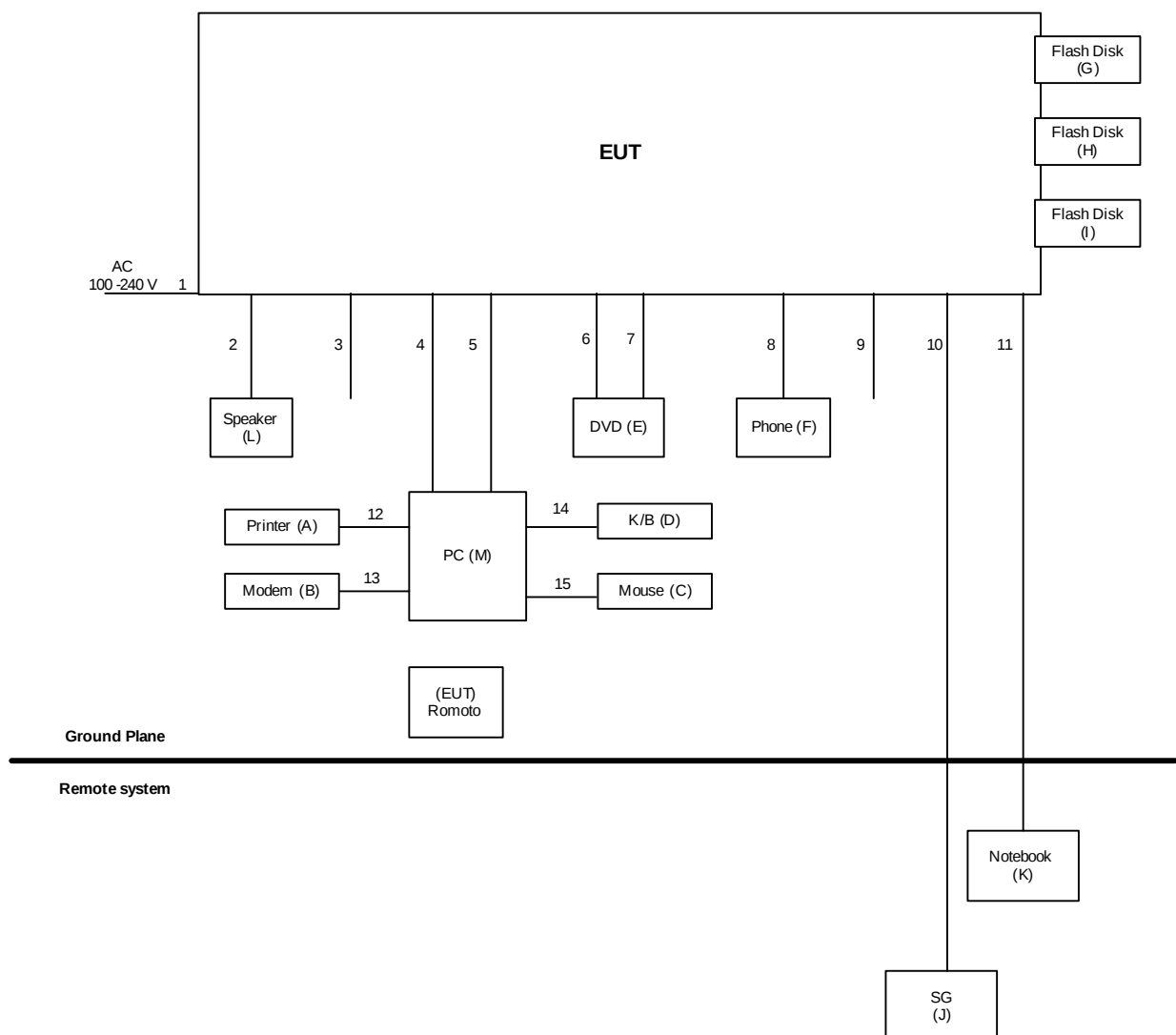
To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	LAN
Mode 2	WIFI
Mode 3	HDMI 1 IN 4096*2160/30Hz
Mode 4	HDMI 1 IN 1920*1080/60Hz
Mode 5	HDMI 1 IN 640*480/60Hz
Mode 6	HDMI 2 IN 4096*2160/30Hz
Mode 7	HDMI 2 IN 1920*1080/60Hz
Mode 8	HDMI 2 IN 640*480/60Hz
Mode 9	HDMI 3 IN 4096*2160/30Hz
Mode 10	HDMI 3 IN 1920*1080/60Hz
Mode 11	HDMI 3 IN 640*480/60Hz
Mode 12	MHL IN
Mode 13	COMPONENT IN
Mode 14	USB IN 1
Mode 15	USB IN 2
Mode 16	USB IN 3
Mode 17	NTSC-M 55.25MHz
Mode 18	NTSC-M 253.25MHz
Mode 19	NTSC-M 505.25MHz

For Conducted Test	
Final Test Mode	Description
Mode 1	LAN
Mode 2	WIFI
Mode 3	HDMI 1 IN 4096*2160/30Hz
Mode 18	NTSC-M 253.25MHz

For Radiated Test	
Final Test Mode	Description
Mode 1	LAN
Mode 2	WIFI
Mode 3	HDMI 1 IN 4096*2160/30Hz
Mode 18	NTSC-M 253.25MHz

3.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
A	Printer	SII	DPU-414	DOC	3018507 B
B	Modem	ACEEX	DM-1414V	IFAXDM1414	0603002131
C	USB Mouse	DELL	MO28UOL	DOC	23-122591
D	USB Keyboard	DELL	SK-8815(L)	DOC	00975811
E	DVD Player	Pioneer	DV-400	DOC	GFKD000263CN
F	PHONE	SAMSUNG	GT-19228	DOC	N/A
G	USB flash disk	Kingston	N/A	DOC	N/A
H	USB flash disk	Kingston	N/A	DOC	N/A
I	USB flash disk	Kingston	N/A	DOC	N/A
J	MULTI SYSTEM DIGITAL SIGNAL GENERATOR	EIDEN	3513B-221	DOC	HJ115045
K	Notebook	lenovo	E46L	DOC	EB22953770
L	SPEAKER	BEHRINGER	MS20	N/A	S1105384274
M	PC	DELL	Vostro 470	DOC	35277608341

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.8m	AC Main Cable
2	NO	NO	1 m	Optical Cable
3	NO	NO	1.5m	Service Cable
4	YES	NO	1.8m	HDMI Cable
5	YES	NO	1.8m	HDMI Cable
6	NO	NO	1.5m	Ypbpr Cable
7	NO	NO	1.5m	AV Cable
8	YES	NO	1.5m	MHL Cable
9	NO	NO	1.5m	RS232 Cable
10	YES	NO	10m	Coaxical Cable
11	NO	NO	10m	RJ45 Cable
12	YES	NO	1.5m	Parallel Cable
13	YES	NO	1.5m	RS232 Cable
14	YES	NO	1.8m	USB Cable
15	YES	NO	1.8m	USB Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION (FREQUENCY RANGE 150KHZ-30MHZ)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
- (3) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
 Margin Level = Measurement Value - Limit Value

4.1.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Artificial-Mains Network	SCHWARZBECK	NSLK 8127	8127685	Nov. 20, 2016
2	LISN	R&S	ENV216	100526	Mar. 27, 2017
3	Test Cable	N/A	RG400 12m	N/A	Mar. 10, 2017
4	EMI Test Receiver	R&S	ESR3	101862	Nov. 20, 2016
5	50Ω Terminator	SHX	TF2-3G-A	08122901	Mar. 27, 2017
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1 -01	N/A	N/A

Remark: "N/A" denotes no model name, serial no. or calibration specified.
 All calibration period of equipment list is one year.

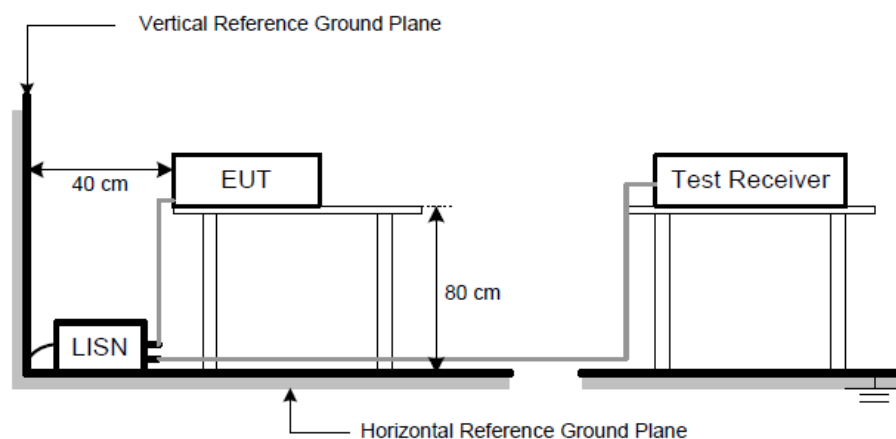
4.1.3 TEST PROCEDURE

- The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.
- First the whole spectrum of emission caused by equipment under test(EUT) is recorded with Detector set to peak. Peak value recorded in table if the margin from QP Limit is larger than 2dB,otherwise,QP value is recorded, Measuring frequency range from 150KHz to 30MHz.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



4.1.6 EUT OPERATING CONDITIONS

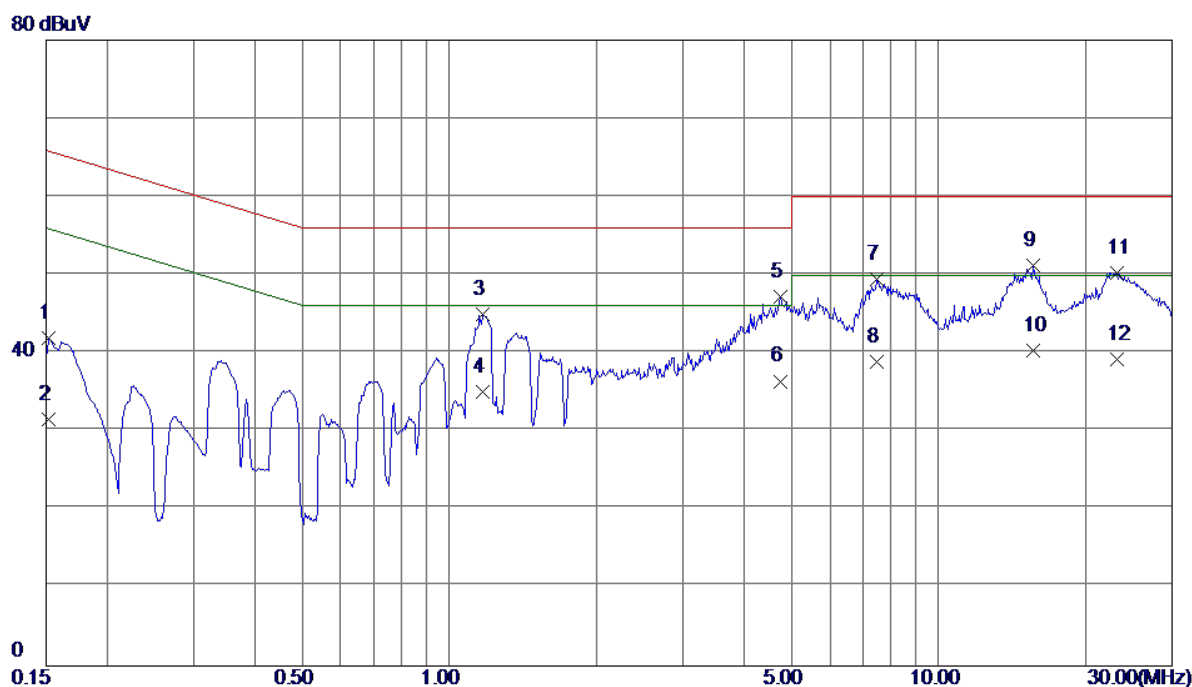
The EUT exercise program used during radiated and/or conducted emission measurement was designed to exercise the various system components in a manner similar to a typical use.

4.1.7 TEST RESULTS

Remark

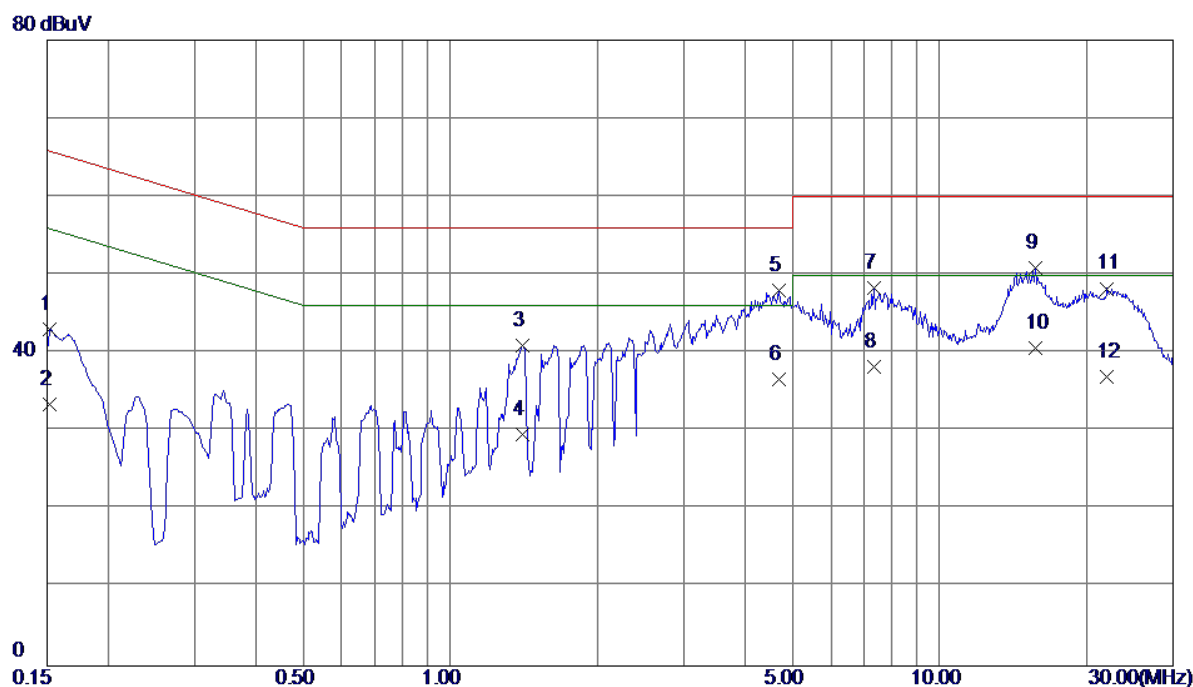
- Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9KHz; SPA setting in RBW=10KHz,VBW =10KHz, Swp. Time = 0.3 sec./MHz. Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=10KHz,VBW=10KHz, Swp. Time =0.3 sec./MHz.
- All readings are QP Mode value unless otherwise stated AVG in column of 『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a “ * ” marked in AVG Mode column of Interference Voltage Measured.

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	LAN		
Test Engineer	Treey Chen		



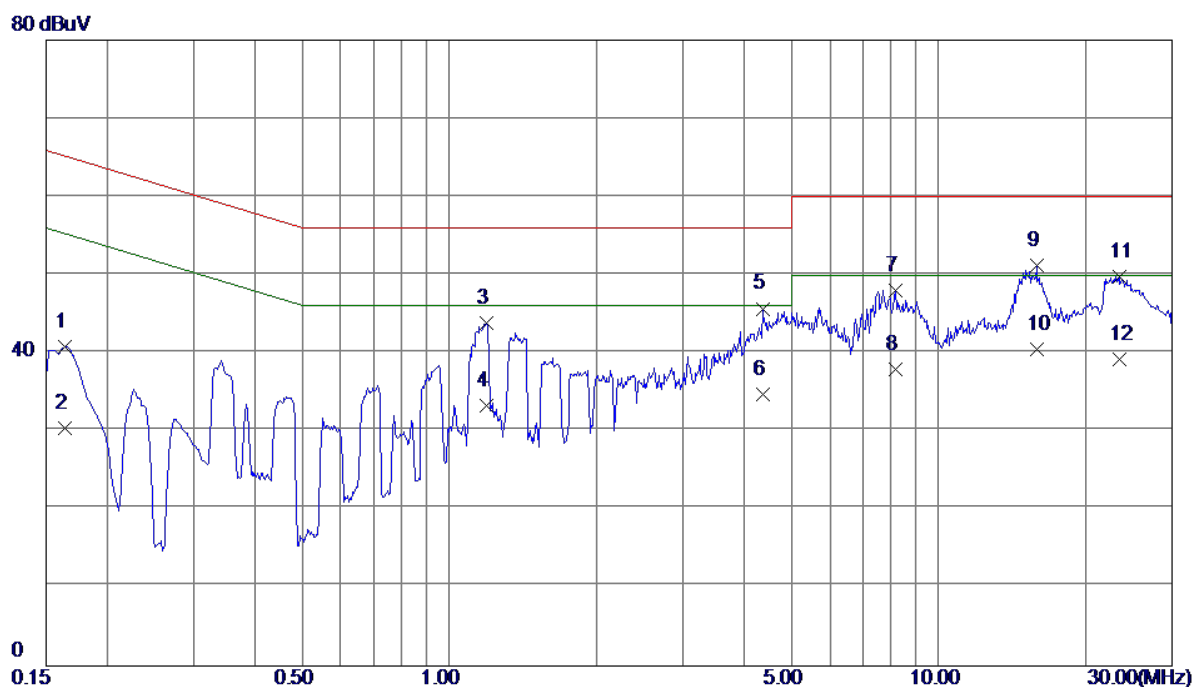
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.1522	32.25	9.64	41.89	65.88	-23.99	QP
2	0.1522	21.90	9.64	31.54	55.88	-24.34	AVG
3	1.1715	34.73	10.21	44.94	56.00	-11.06	QP
4	1.1715	24.81	10.21	35.02	46.00	-10.98	AVG
5	4.7558	37.04	10.10	47.14	56.00	-8.86	QP
6	4.7558	26.30	10.10	36.40	46.00	-9.60	AVG
7	7.4828	39.20	10.23	49.43	60.00	-10.57	QP
8	7.4828	28.70	10.23	38.93	50.00	-11.07	AVG
9 *	15.6255	40.50	10.68	51.18	60.00	-8.82	QP
10	15.6255	29.60	10.68	40.28	50.00	-9.72	AVG
11	23.1338	39.53	10.74	50.27	60.00	-9.73	QP
12	23.1338	28.40	10.74	39.14	50.00	-10.86	AVG

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	LAN		
Test Engineer	Treey Chen		



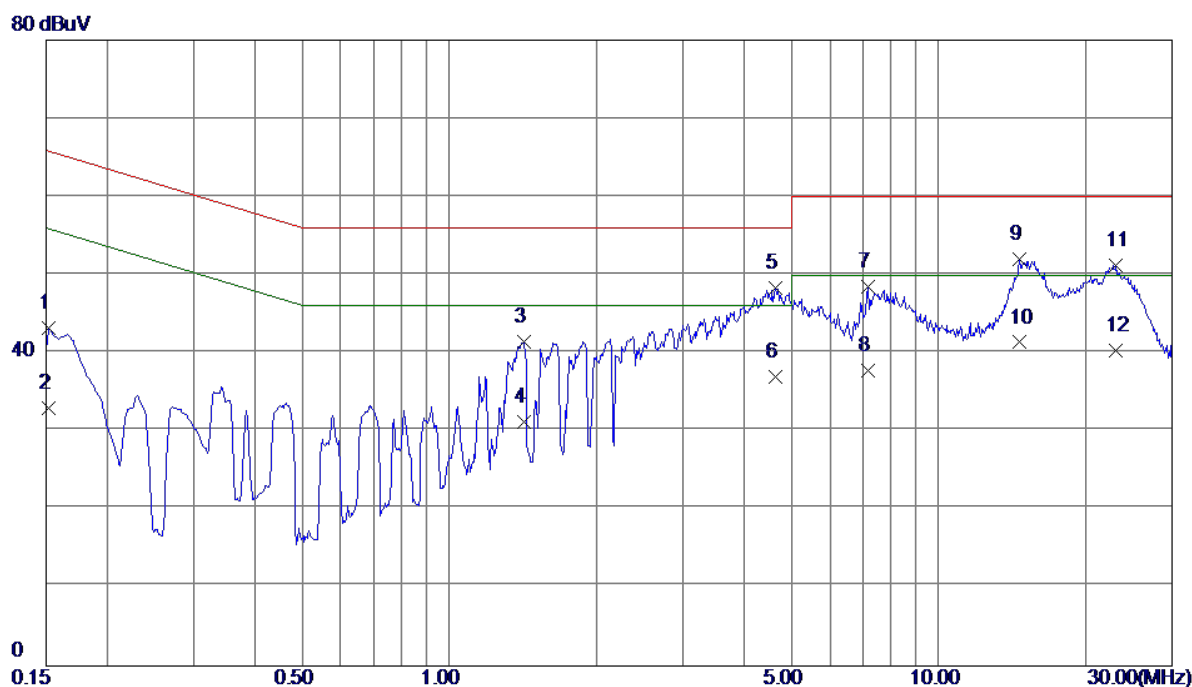
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.1522	33.51	9.54	43.05	65.88	-22.83	QP
2	0.1522	23.90	9.54	33.44	55.88	-22.44	AVG
3	1.4010	30.92	10.01	40.93	56.00	-15.07	QP
4	1.4010	19.60	10.01	29.61	46.00	-16.39	AVG
5 *	4.6905	37.70	10.26	47.96	56.00	-8.04	QP
6	4.6905	26.41	10.26	36.67	46.00	-9.33	AVG
7	7.3455	38.09	10.28	48.37	60.00	-11.63	QP
8	7.3455	28.01	10.28	38.29	50.00	-11.71	AVG
9	15.7200	40.23	10.59	50.82	60.00	-9.18	QP
10	15.7200	30.10	10.59	40.69	50.00	-9.31	AVG
11	22.0088	37.52	10.72	48.24	60.00	-11.76	QP
12	22.0088	26.30	10.72	37.02	50.00	-12.98	AVG

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	WIFI		
Test Engineer	Treey Chen		



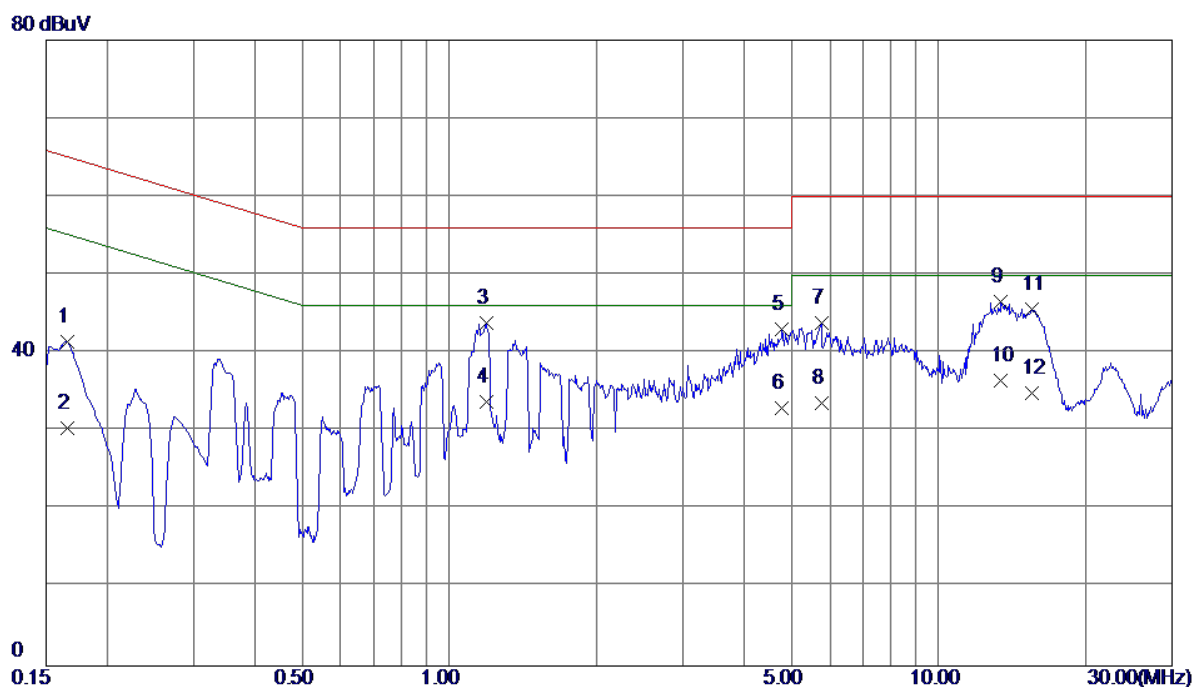
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.1635	31.20	9.65	40.85	65.28	-24.43	QP
2	0.1635	20.80	9.65	30.45	55.28	-24.83	AVG
3	1.1917	33.66	10.23	43.89	56.00	-12.11	QP
4	1.1917	23.00	10.23	33.23	46.00	-12.77	AVG
5	4.3823	35.60	10.08	45.68	56.00	-10.32	QP
6	4.3823	24.60	10.08	34.68	46.00	-11.32	AVG
7	8.1735	37.74	10.30	48.04	60.00	-11.96	QP
8	8.1735	27.60	10.30	37.90	50.00	-12.10	AVG
9 *	15.8415	40.45	10.68	51.13	60.00	-8.87	QP
10	15.8415	29.80	10.68	40.48	50.00	-9.52	AVG
11	23.3655	39.07	10.74	49.81	60.00	-10.19	QP
12	23.3655	28.50	10.74	39.24	50.00	-10.76	AVG

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	WIFI		
Test Engineer	Treey Chen		



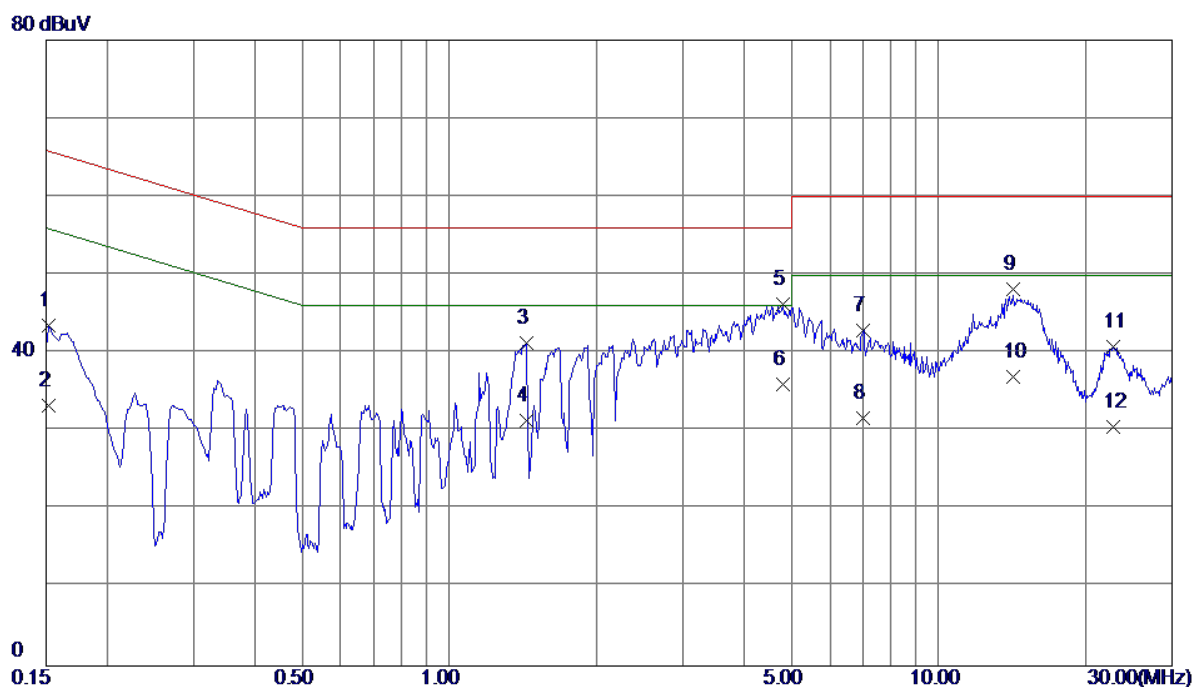
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.1522	33.62	9.54	43.16	65.88	-22.72	QP
2	0.1522	23.40	9.54	32.94	55.88	-22.94	AVG
3	1.4235	31.45	10.02	41.47	56.00	-14.53	QP
4	1.4235	21.19	10.02	31.21	46.00	-14.79	AVG
5 *	4.6320	37.99	10.26	48.25	56.00	-7.75	QP
6	4.6320	26.69	10.26	36.95	46.00	-9.05	AVG
7	7.1700	38.23	10.28	48.51	60.00	-11.49	QP
8	7.1700	27.50	10.28	37.78	50.00	-12.22	AVG
9	14.6603	41.46	10.56	52.02	60.00	-7.98	QP
10	14.6603	30.80	10.56	41.36	50.00	-8.64	AVG
11	23.0258	40.42	10.73	51.15	60.00	-8.85	QP
12	23.0258	29.60	10.73	40.33	50.00	-9.67	AVG

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	HDMI 1 IN 4096*2160/30Hz		
Test Engineer	Treey Chen		



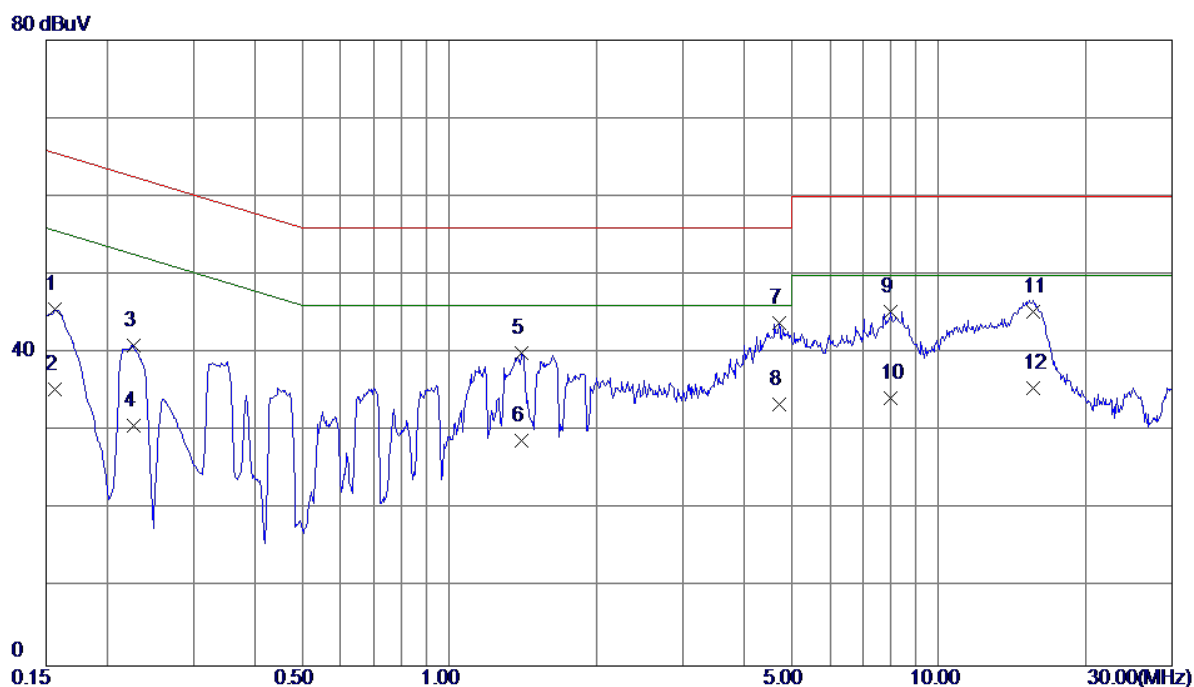
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.1657	31.84	9.65	41.49	65.17	-23.68	QP
2	0.1657	20.70	9.65	30.35	55.17	-24.82	AVG
3	1.1894	33.59	10.22	43.81	56.00	-12.19	QP
4 *	1.1894	23.60	10.22	33.82	46.00	-12.18	AVG
5	4.7781	32.98	10.10	43.08	56.00	-12.92	QP
6	4.7781	22.90	10.10	33.00	46.00	-13.00	AVG
7	5.7592	33.69	10.14	43.83	60.00	-16.17	QP
8	5.7592	23.40	10.14	33.54	50.00	-16.46	AVG
9	13.4182	35.94	10.61	46.55	60.00	-13.45	QP
10	13.4182	25.80	10.61	36.41	50.00	-13.59	AVG
11	15.5310	34.87	10.68	45.55	60.00	-14.45	QP
12	15.5310	24.20	10.68	34.88	50.00	-15.12	AVG

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	HDMI 1 IN 4096*2160/30Hz		
Test Engineer	Treey Chen		



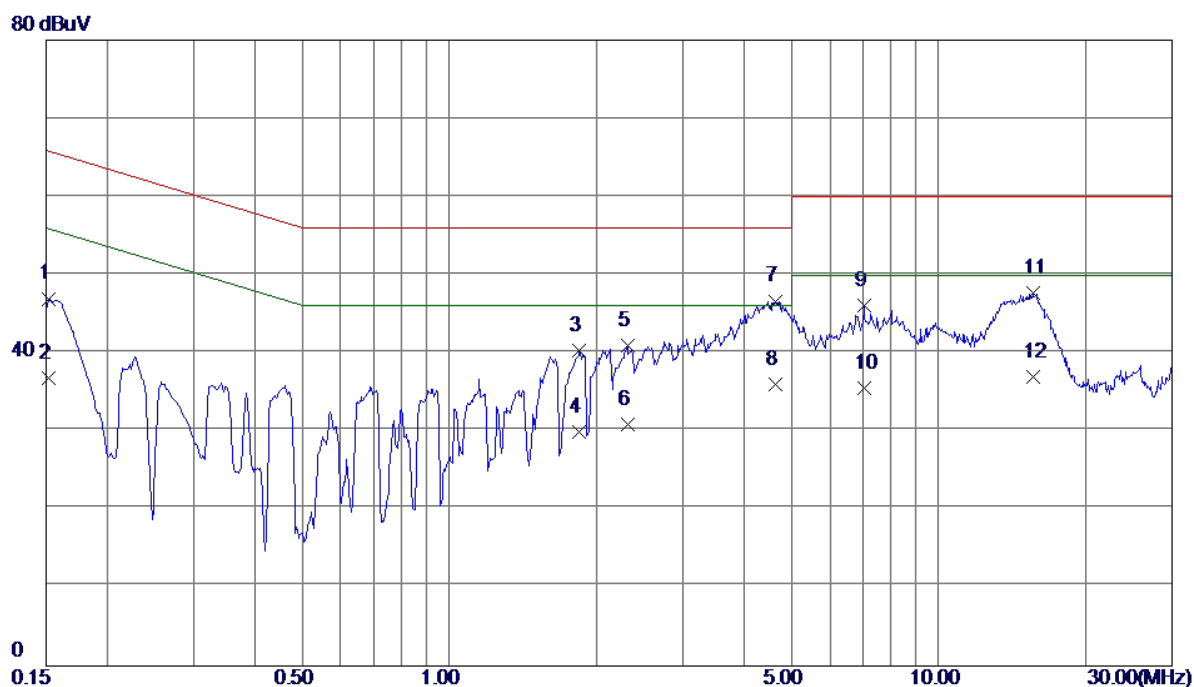
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.1522	33.94	9.54	43.48	65.88	-22.40	QP
2	0.1522	23.70	9.54	33.24	55.88	-22.64	AVG
3	1.4370	31.25	10.02	41.27	56.00	-14.73	QP
4	1.4370	21.30	10.02	31.32	46.00	-14.68	AVG
5 *	4.8075	36.02	10.28	46.30	56.00	-9.70	QP
6	4.8075	25.70	10.28	35.98	46.00	-10.02	AVG
7	7.0102	32.57	10.28	42.85	60.00	-17.15	QP
8	7.0102	21.40	10.28	31.68	50.00	-18.32	AVG
9	14.2125	37.62	10.53	48.15	60.00	-11.85	QP
10	14.2125	26.50	10.53	37.03	50.00	-12.97	AVG
11	22.7602	30.12	10.73	40.85	60.00	-19.15	QP
12	22.7602	19.90	10.73	30.63	50.00	-19.37	AVG

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	NTSC-M 253.25MHz		
Test Engineer	Treey Chen		



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.1567	35.88	9.64	45.52	65.64	-20.12	QP
2	0.1567	25.70	9.64	35.34	55.64	-20.30	AVG
3	0.2265	31.21	9.74	40.95	62.58	-21.63	QP
4	0.2265	20.99	9.74	30.73	52.58	-21.85	AVG
5	1.4055	29.87	10.17	40.04	56.00	-15.96	QP
6	1.4055	18.60	10.17	28.77	46.00	-17.23	AVG
7 *	4.7107	33.70	10.10	43.80	56.00	-12.20	QP
8	4.7107	23.40	10.10	33.50	46.00	-12.50	AVG
9	7.9822	34.99	10.28	45.27	60.00	-14.73	QP
10	7.9822	23.91	10.28	34.19	50.00	-15.81	AVG
11	15.6142	34.65	10.68	45.33	60.00	-14.67	QP
12	15.6142	24.80	10.68	35.48	50.00	-14.52	AVG

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	53%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	NTSC-M 253.25MHz		
Test Engineer	Treey Chen		



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.1522	37.42	9.54	46.96	65.88	-18.92	QP
2	0.1522	27.30	9.54	36.84	55.88	-19.04	AVG
3	1.8442	30.21	10.06	40.27	56.00	-15.73	QP
4	1.8442	19.80	10.06	29.86	46.00	-16.14	AVG
5	2.3122	30.87	10.08	40.95	56.00	-15.05	QP
6	2.3122	20.80	10.08	30.88	46.00	-15.12	AVG
7 *	4.6320	36.38	10.26	46.64	56.00	-9.36	QP
8	4.6320	25.69	10.26	35.95	46.00	-10.05	AVG
9	7.0552	35.80	10.28	46.08	60.00	-13.92	QP
10	7.0552	25.21	10.28	35.49	50.00	-14.51	AVG
11	15.6075	37.04	10.59	47.63	60.00	-12.37	QP
12	15.6075	26.40	10.59	36.99	50.00	-13.01	AVG

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Below 1 GHz

Measurement Method and Applied Limits:

ANSI C63.4:

Frequency (MHz)	Class A (at 10m)		Class B (at 3m)	
	(uV/m) Field strength	(dBuV/m) Field strength	(uV/m) Field strength	(dBuV/m) Field strength
30 - 88	90	39	100	40
88 - 216	150	43.5	150	43.5
216 - 960	210	46.4	200	46
Above 960	300	49.5	500	54

Above 1 GHz

Measurement Method and Applied Limits:

ANSI C63.4:

Frequency (MHz)	Class A				Class B	
	(dBuV/m) (at 3m)		(dBuV/m) (at 10m)		(dBuV/m) (at 3m)	
	Peak	Average	Peak	Average	Peak	Average
Above 1000	80	60	69.5	49.5	74	54

FREQUENCY RANGE OF RADIATED MEASUREMENT (FOR UNINTENTIONAL RADIATORS)

Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 - 108	1000
108 - 500	2000
500 - 1000	5000
Above 1000	5 th harmonic of the highest frequency or 40 GHz, whichever is lower

NOTE:

- (1) The limit for radiated test was performed according to as following:
FCC Part 15, Subpart B
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m) = 20log Emission level (uV/m).
3m Emission level = 10m Emission level + 20log(10m/3m).
- (4) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value

4.2.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 27, 2017
2	Amplifier	HP	8447D	2944A09673	Nov. 09, 2016
3	Receiver	AGILENT	N9038A	MY52130039	Oct. 10, 2017
4	Test Cable	emci	LMR-400(30 MHz-1GHz)	C-01	Jun. 27, 2017
5	Control	CT	SC100	N/A	N/A
6	Position Control	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	Amplifier	Agilent	8449B	3008A02274	Nov. 01, 2016
9	Receiver	AGILENT	N9038A	MY52130039	Oct. 10, 2017
10	Test Cable	emci	EMC104-SM-SM-10000(1 GHz — 26.5GHz)	C-68	Jun. 27, 2017
11	Controller	CT	SC100	N/A	N/A

Remark: "N/A" denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

4.2.3 TEST PROCEDURE

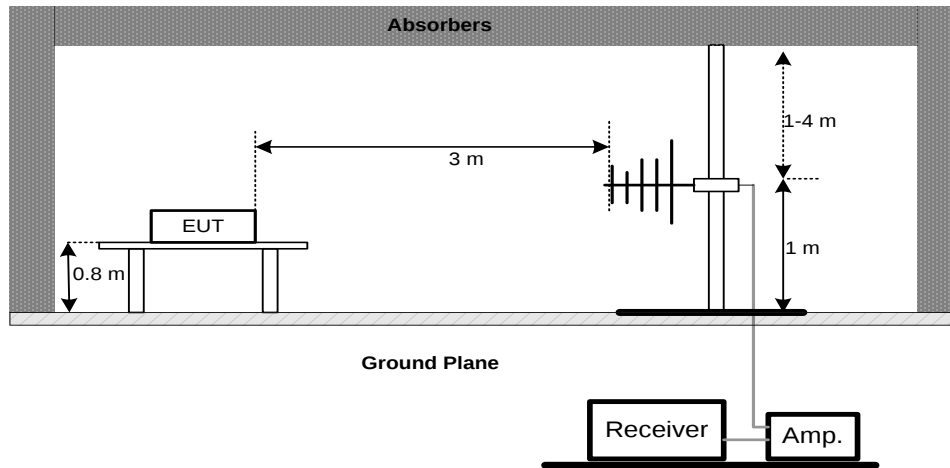
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- c. The height of the equipment or of the substitution antenna shall be 0.8 m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
- f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1GHz)
- h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1GHz)
- i. For the actual test configuration, please refer to the related Item - Block Diagram of system tested (please refer to 3.3).

4.2.4 DEVIATION FROM TEST STANDARD

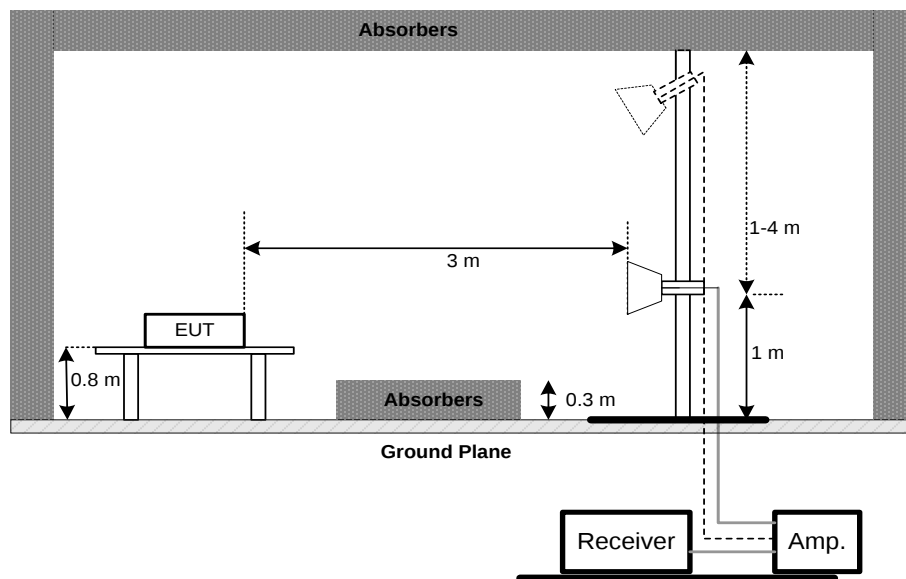
No deviation

4.2.5 TEST SETUP

(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(B) Radiated Emission Test Set-Up Frequency 1 GHz



4.2.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 unless otherwise a special operating condition is specified in the follows during the testing.

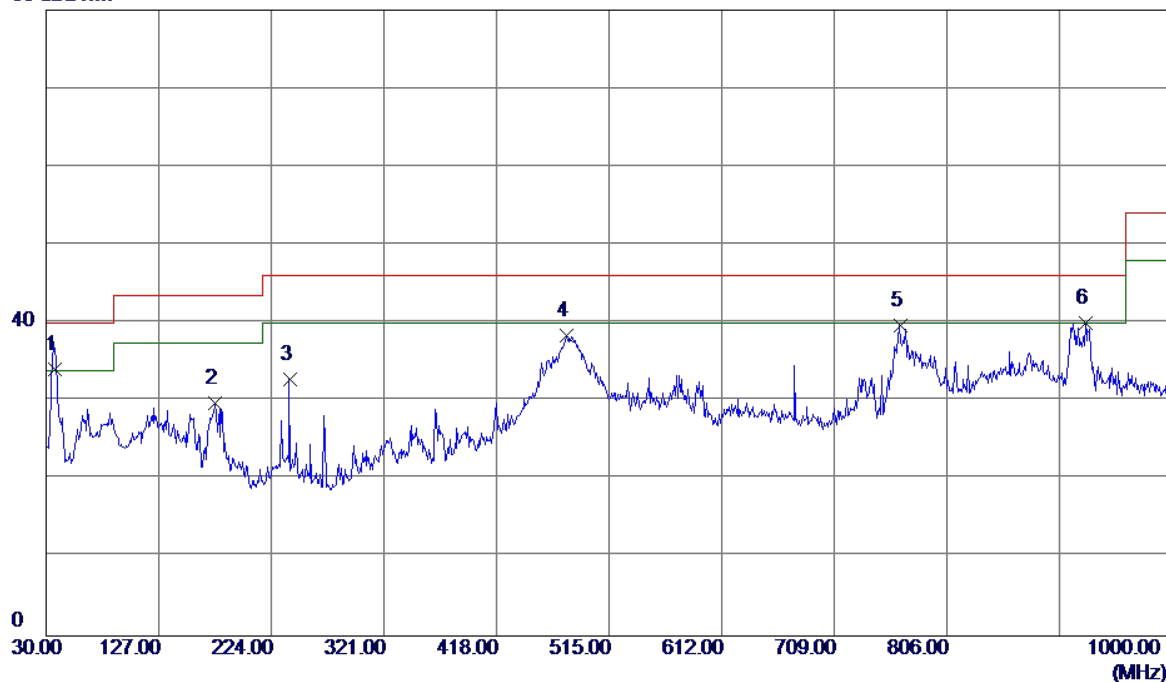
4.2.7 TEST RESULTS-BELOW 1GHZ

Remark :

- (1) All readings are Peak unless otherwise stated QP in column of 『Note』 . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform ◦
- (2) Measuring frequency range from 30MHz to 1000MHz ◦
- (3) If the peak scan value lower limit more than 20dB, then this signal data does not show in table ◦

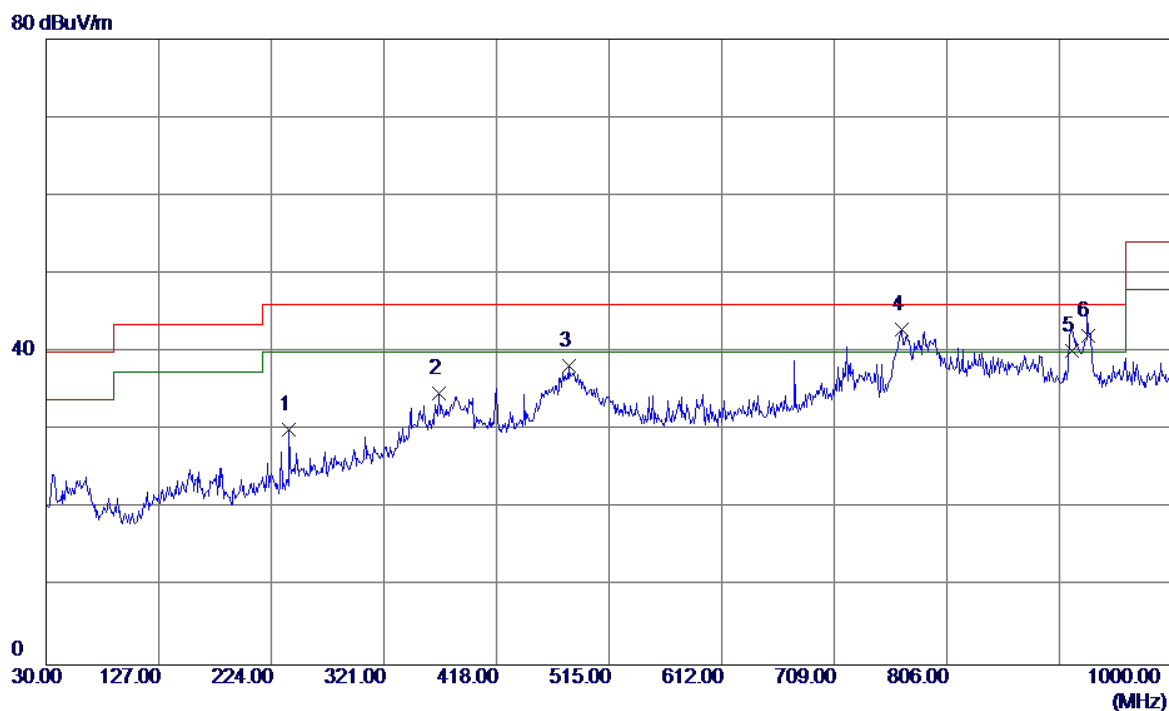
EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	LAN		
Test Engineer	Treedy Chen		

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	37.2750	43.06	-8.96	34.10	40.00	-5.90	QP
2	175.9850	38.69	-8.92	29.77	43.50	-13.73	QP
3	240.0050	41.69	-8.85	32.84	46.00	-13.16	QP
4	478.1400	41.83	-3.50	38.33	46.00	-7.67	QP
5	765.7450	38.05	1.66	39.71	46.00	-6.29	QP
6	925.7950	37.29	2.76	40.05	46.00	-5.95	QP

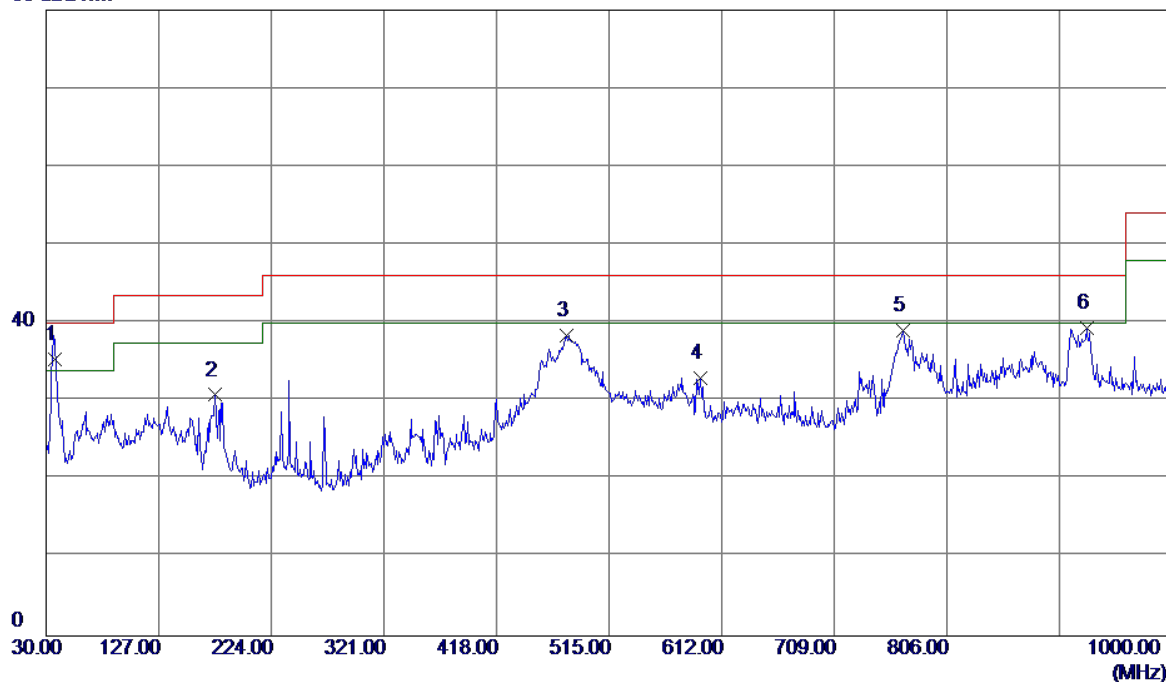
EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	LAN		
Test Engineer	Treey Chen		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	239.5200	38.95	-8.89	30.06	46.00	-15.94	QP
2	368.5300	39.72	-5.06	34.66	46.00	-11.34	QP
3	480.0800	41.79	-3.49	38.30	46.00	-7.70	QP
4 *	767.2000	41.18	1.67	42.85	46.00	-3.15	QP
5	913.6700	36.06	4.04	40.10	46.00	-5.90	QP
6	927.2500	37.86	4.24	42.10	46.00	-3.90	QP

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	WIFI		
Test Engineer	Treedy Chen		

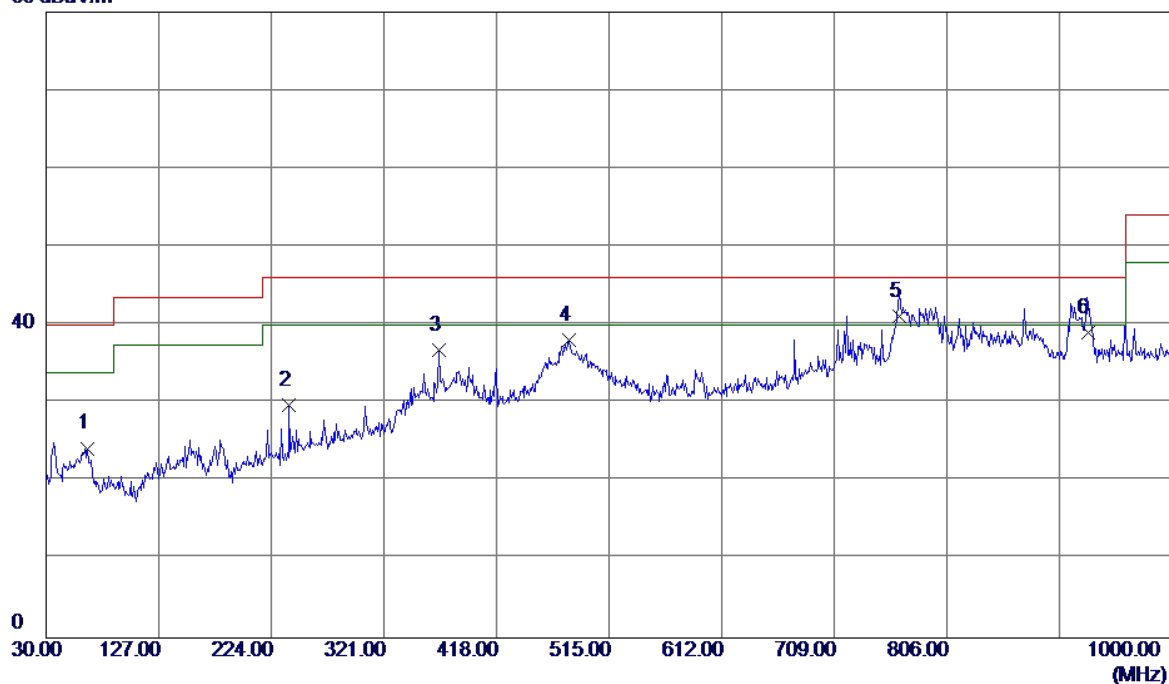
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	37.2750	44.26	-8.96	35.30	40.00	-4.70	QP
2	175.9850	39.72	-8.92	30.80	43.50	-12.70	QP
3	478.1400	41.90	-3.50	38.40	46.00	-7.60	QP
4	594.0550	34.41	-1.39	33.02	46.00	-12.98	QP
5	768.1700	37.31	1.68	38.99	46.00	-7.01	QP
6	926.7650	36.52	2.84	39.36	46.00	-6.64	QP

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	WIFI		
Test Engineer	Treedy Chen		

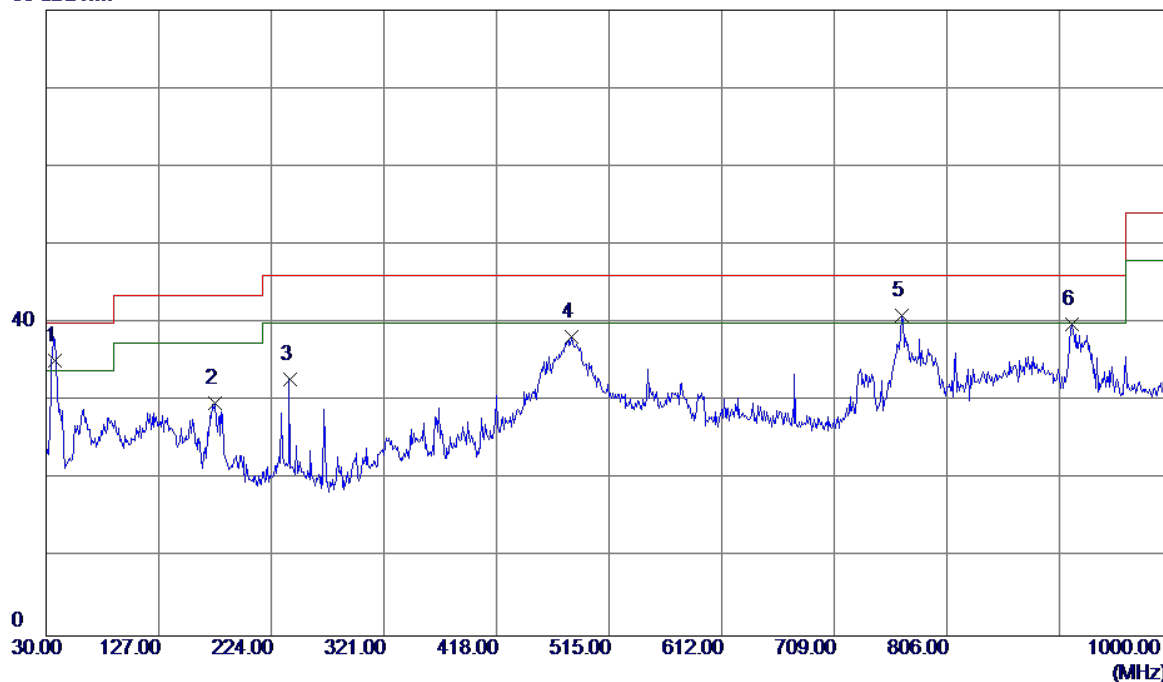
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	65.8900	34.25	-10.01	24.24	40.00	-15.76	QP
2	239.5200	38.61	-8.89	29.72	46.00	-16.28	QP
3	368.5300	41.83	-5.06	36.77	46.00	-9.23	QP
4	480.0800	41.63	-3.49	38.14	46.00	-7.86	QP
5 *	765.2600	39.45	1.65	41.10	46.00	-4.90	QP
6	927.2500	34.86	4.24	39.10	46.00	-6.90	QP

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	HDMI 1 IN 4096*2160/30Hz		
Test Engineer	Treedy Chen		

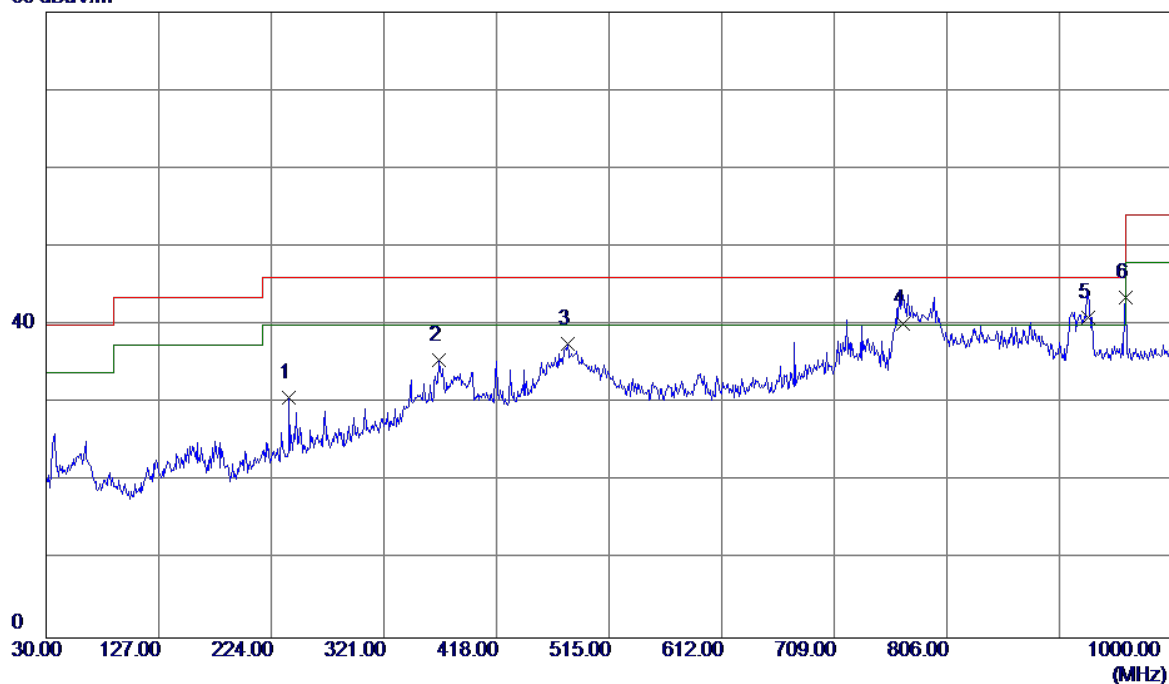
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	37.2750	44.16	-8.96	35.20	40.00	-4.80	QP
2	175.9850	38.66	-8.92	29.74	43.50	-13.76	QP
3	240.0050	41.70	-8.85	32.85	46.00	-13.15	QP
4	482.9900	41.67	-3.46	38.21	46.00	-7.79	QP
5	767.2000	39.22	1.67	40.89	46.00	-5.11	QP
6	914.1550	37.87	1.90	39.77	46.00	-6.23	QP

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	HDMI 1 IN 4096*2160/30Hz		
Test Engineer	Treey Chen		

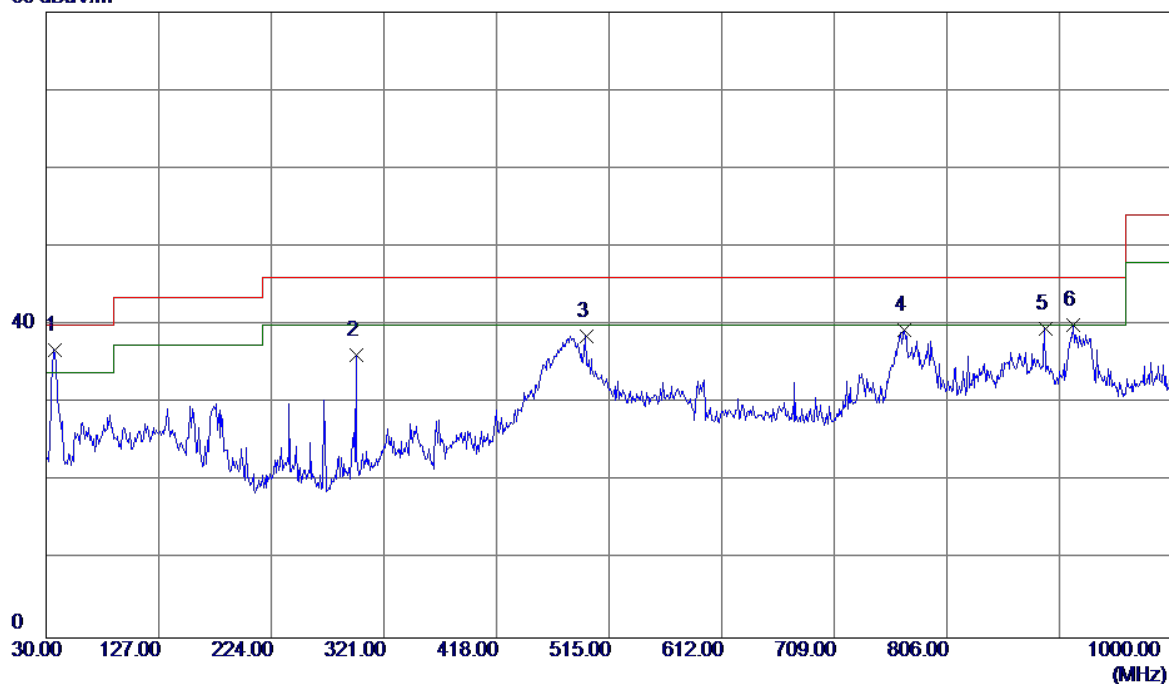
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	239.5200	39.68	-8.89	30.79	46.00	-15.21	QP
2	368.5300	40.63	-5.06	35.57	46.00	-10.43	QP
3	479.1100	41.04	-3.49	37.55	46.00	-8.45	QP
4	768.1700	38.43	1.68	40.11	46.00	-5.89	QP
5 *	927.7350	36.76	4.24	41.00	46.00	-5.00	QP
6	960.2300	38.82	4.64	43.46	54.00	-10.54	QP

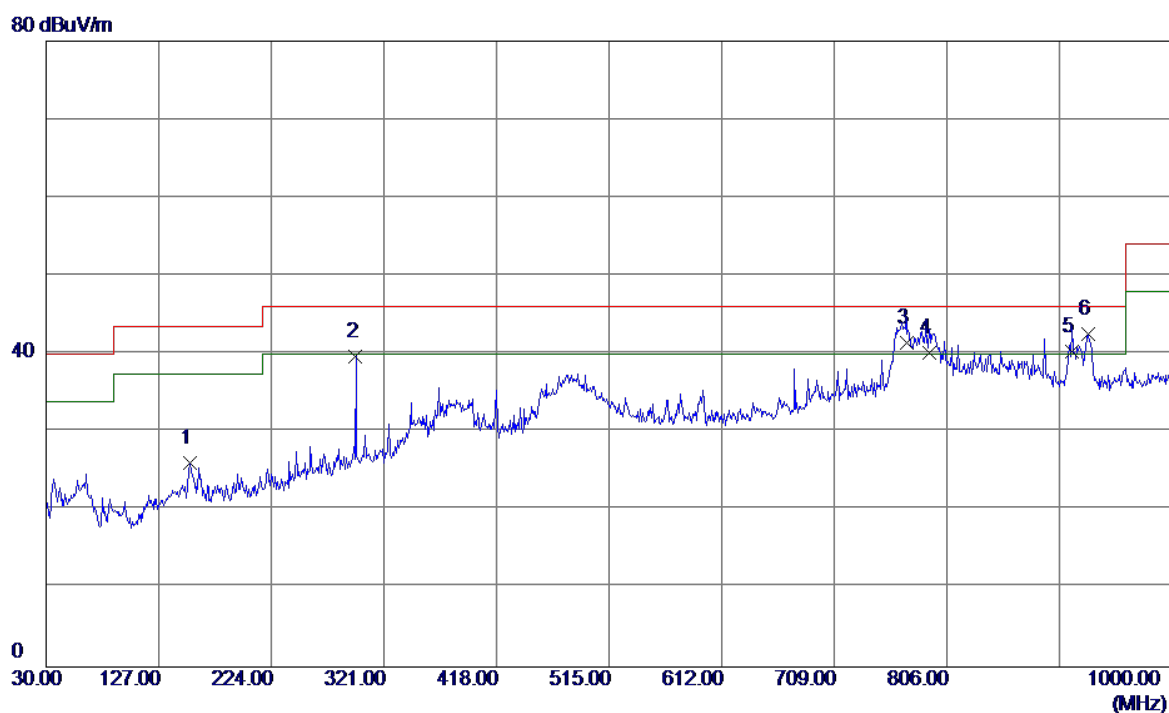
EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	NTSC-M 253.25MHz		
Test Engineer	Treedy Chen		

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	37.2750	45.76	-8.96	36.80	40.00	-3.20	QP
2	297.2349	42.59	-6.49	36.10	46.00	-9.90	QP
3	495.1150	41.91	-3.34	38.57	46.00	-7.43	QP
4	769.6250	37.66	1.70	39.36	46.00	-6.64	QP
5	890.8750	38.27	1.21	39.48	46.00	-6.52	QP
6	914.6400	38.01	1.94	39.95	46.00	-6.05	QP

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	NTSC-M 253.25MHz		
Test Engineer	Treey Chen		



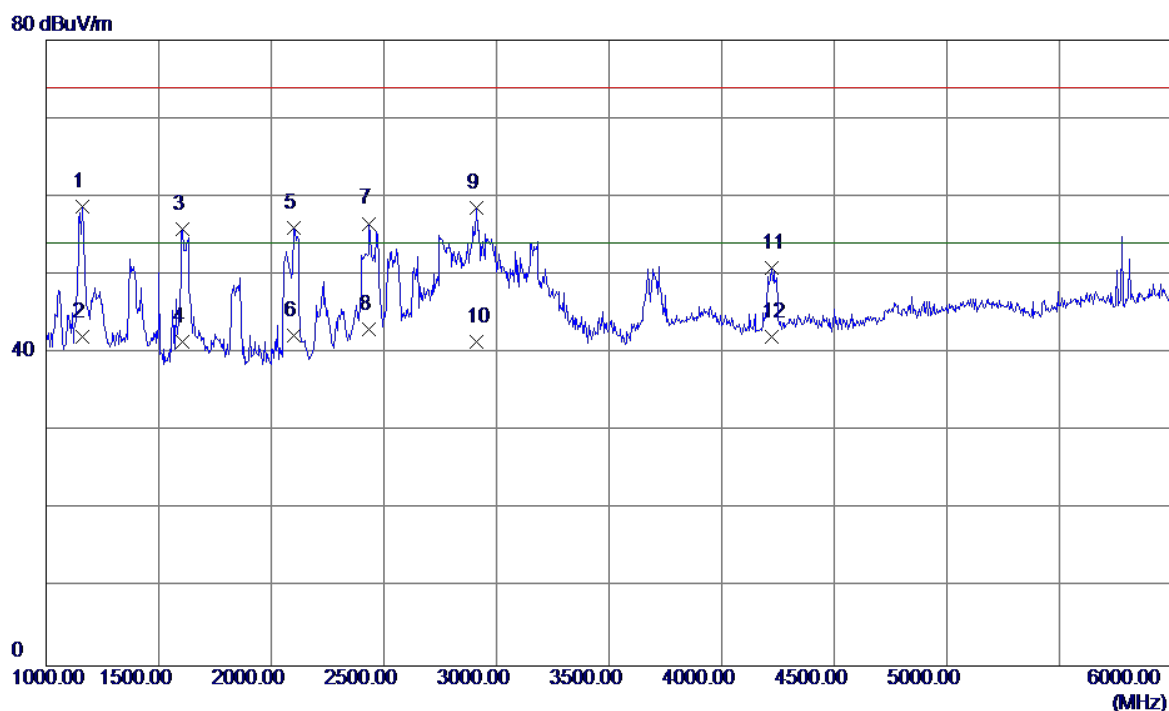
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	154.1600	34.22	-8.16	26.06	43.50	-17.44	QP
2	296.7500	46.19	-6.51	39.68	46.00	-6.32	QP
3	771.0800	39.79	1.71	41.50	46.00	-4.50	QP
4	790.4800	38.18	1.92	40.10	46.00	-5.90	QP
5	913.6700	36.26	4.04	40.30	46.00	-5.70	QP
6 *	928.2200	38.36	4.25	42.61	46.00	-3.39	QP

4.2.8 TEST RESULTS-ABOVE 1GHZ

Remark :

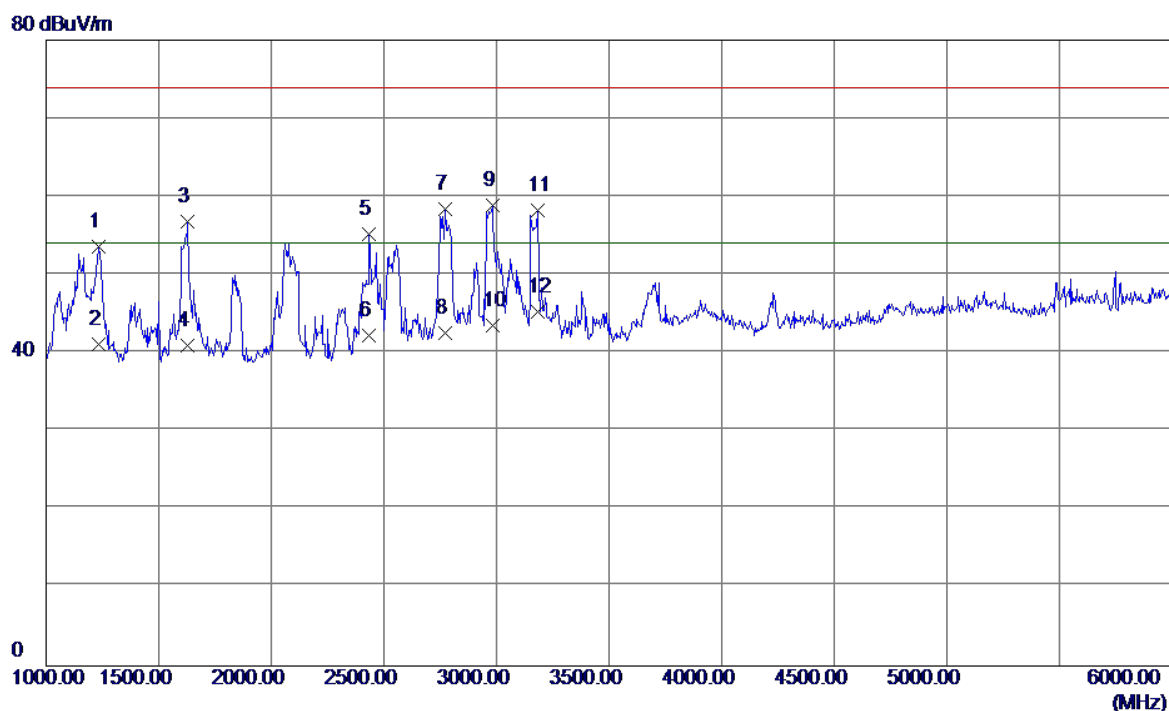
- (1) All readings are Peak unless otherwise stated QP in column of『 Note 』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission.
- (3) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (4) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	LAN		
Test Engineer	Treey Chen		



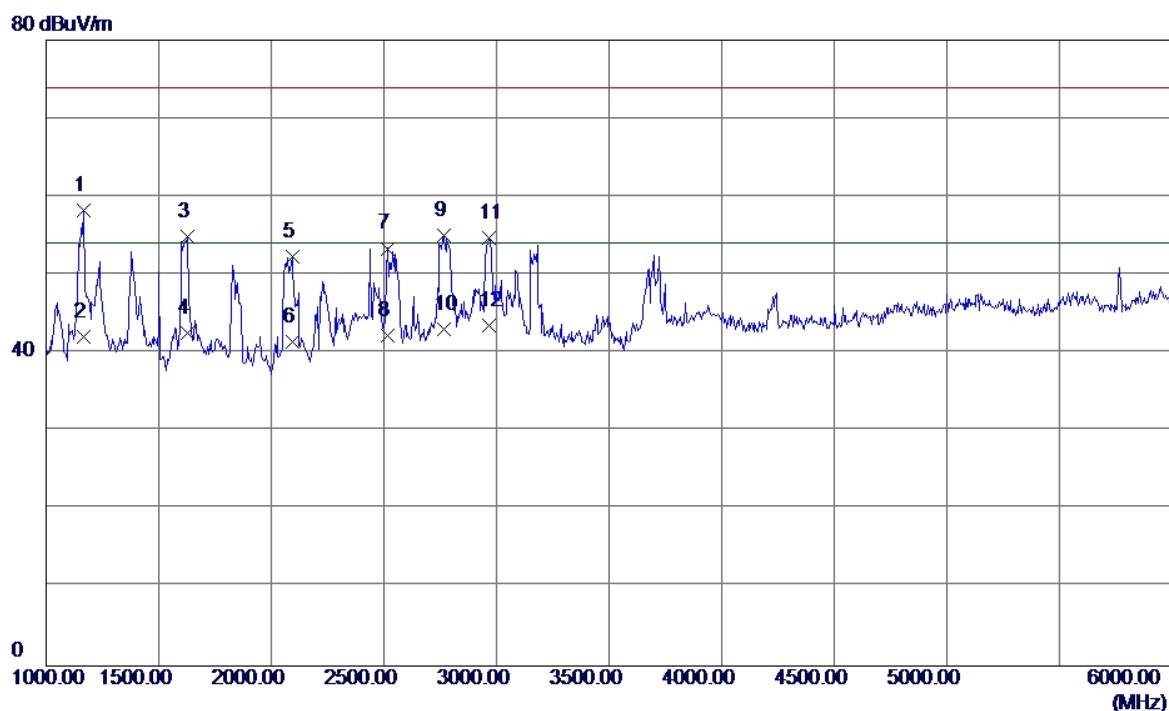
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1162.5000	61.86	-3.08	58.78	74.00	-15.22	Peak
2	1162.5000	45.18	-3.08	42.10	54.00	-11.90	AVG
3	1607.5000	58.88	-3.04	55.84	74.00	-18.16	Peak
4	1607.5000	44.54	-3.04	41.50	54.00	-12.50	AVG
5	2102.5000	59.31	-3.34	55.97	74.00	-18.03	Peak
6	2102.5000	45.64	-3.34	42.30	54.00	-11.70	AVG
7	2435.0000	57.55	-0.99	56.56	74.00	-17.44	Peak
8 *	2435.0000	44.09	-0.99	43.10	54.00	-10.90	AVG
9	2912.5000	57.10	1.53	58.63	74.00	-15.37	Peak
10	2912.5000	39.97	1.53	41.50	54.00	-12.50	AVG
11	4220.0000	46.61	4.31	50.92	74.00	-23.08	Peak
12	4220.0000	37.79	4.31	42.10	54.00	-11.90	AVG

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	LAN		
Test Engineer	Treyy Chen		



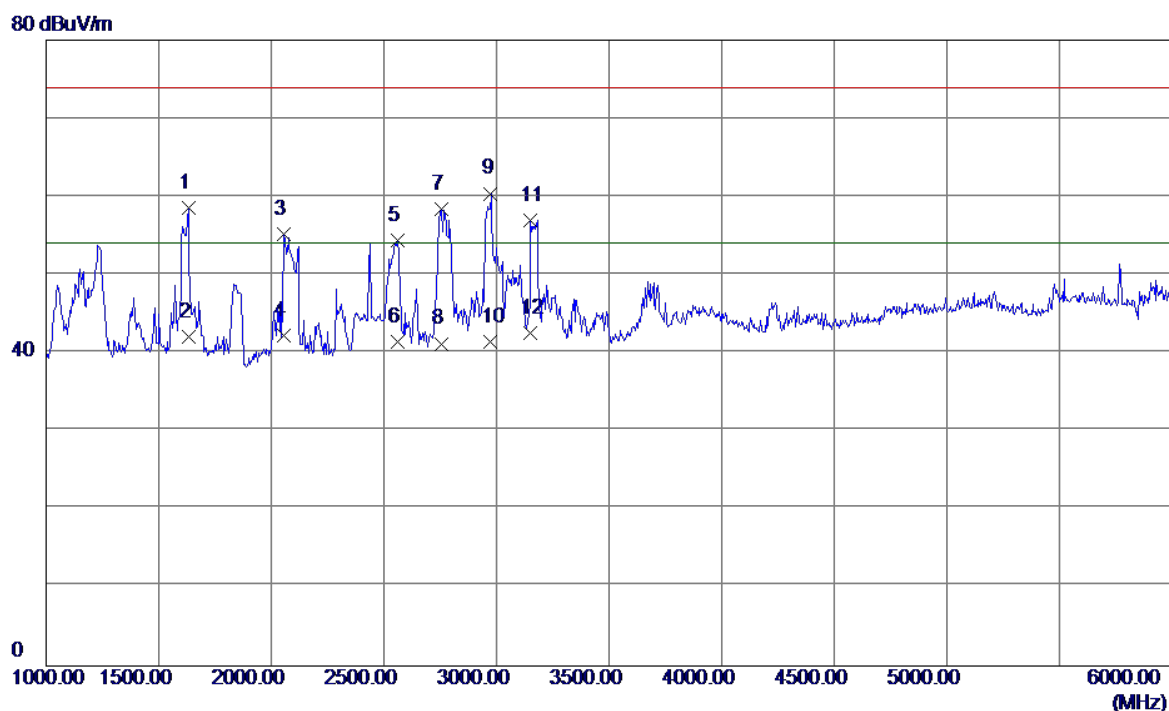
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1235.0000	56.65	-3.01	53.64	74.00	-20.36	Peak
2	1235.0000	44.11	-3.01	41.10	54.00	-12.90	AVG
3	1630.0000	59.96	-3.10	56.86	74.00	-17.14	Peak
4	1630.0000	44.10	-3.10	41.00	54.00	-13.00	AVG
5	2435.0000	56.13	-0.99	55.14	74.00	-18.86	Peak
6	2435.0000	43.29	-0.99	42.30	54.00	-11.70	AVG
7	2772.5000	57.62	0.83	58.45	74.00	-15.55	Peak
8	2772.5000	41.67	0.83	42.50	54.00	-11.50	AVG
9	2982.5000	57.02	1.88	58.90	74.00	-15.10	Peak
10	2982.5000	41.62	1.88	43.50	54.00	-10.50	AVG
11	3182.5000	56.10	2.14	58.24	74.00	-15.76	Peak
12 *	3182.5000	43.16	2.14	45.30	54.00	-8.70	AVG

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	WIFI		
Test Engineer	Treey Chen		



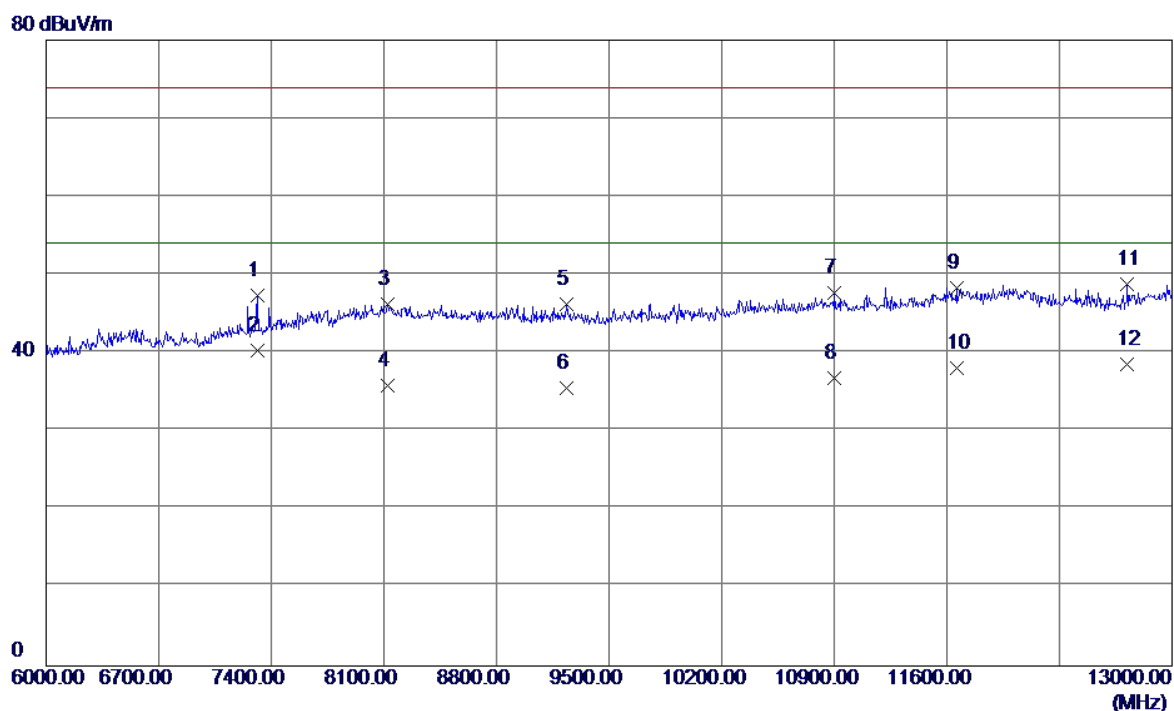
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1165.0000	61.37	-3.08	58.29	74.00	-15.71	Peak
2	1165.0000	45.18	-3.08	42.10	54.00	-11.90	AVG
3	1627.5000	58.01	-3.09	54.92	74.00	-19.08	Peak
4	1627.5000	45.59	-3.09	42.50	54.00	-11.50	AVG
5	2092.5000	55.76	-3.41	52.35	74.00	-21.65	Peak
6	2092.5000	44.91	-3.41	41.50	54.00	-12.50	AVG
7	2517.5000	53.81	-0.45	53.36	74.00	-20.64	Peak
8	2517.5000	42.75	-0.45	42.30	54.00	-11.70	AVG
9	2767.5000	54.16	0.81	54.97	74.00	-19.03	Peak
10	2767.5000	42.29	0.81	43.10	54.00	-10.90	AVG
11	2967.5000	52.84	1.81	54.65	74.00	-19.35	Peak
12 *	2967.5000	41.69	1.81	43.50	54.00	-10.50	AVG

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	WIFI		
Test Engineer	Treey Chen		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1632.5000	61.67	-3.10	58.57	74.00	-15.43	Peak
2	1632.5000	45.20	-3.10	42.10	54.00	-11.90	AVG
3	2057.5000	58.80	-3.65	55.15	74.00	-18.85	Peak
4	2057.5000	45.95	-3.65	42.30	54.00	-11.70	AVG
5	2560.0000	54.70	-0.23	54.47	74.00	-19.53	Peak
6	2560.0000	41.63	-0.23	41.40	54.00	-12.60	AVG
7	2755.0000	57.68	0.74	58.42	74.00	-15.58	Peak
8	2755.0000	40.46	0.74	41.20	54.00	-12.80	AVG
9	2975.0000	58.56	1.84	60.40	74.00	-13.60	Peak
10	2975.0000	39.66	1.84	41.50	54.00	-12.50	AVG
11	3152.5000	54.87	2.11	56.98	74.00	-17.02	Peak
12 *	3152.5000	40.39	2.11	42.50	54.00	-11.50	AVG

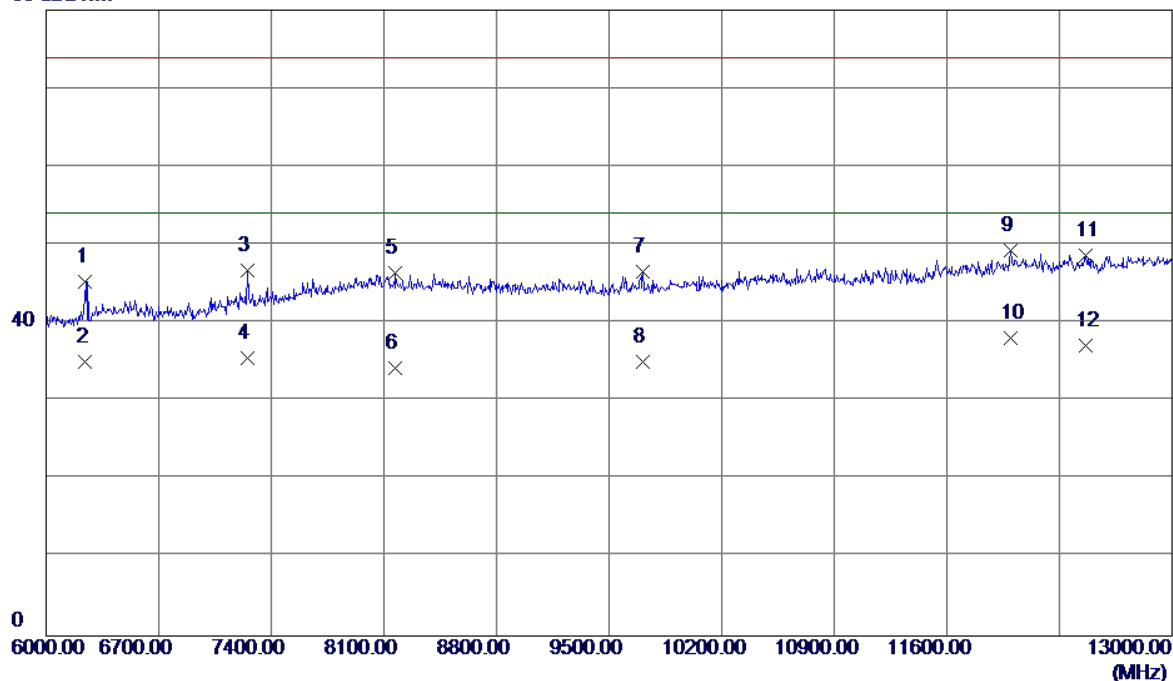
EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	WIFI		
Test Engineer	Treey Chen		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	7312.5000	35.43	11.98	47.41	74.00	-26.59	Peak
2 *	7312.5000	28.32	11.98	40.30	54.00	-13.70	AVG
3	8121.0000	32.06	14.22	46.28	74.00	-27.72	Peak
4	8121.0000	21.58	14.22	35.80	54.00	-18.20	AVG
5	9234.0000	32.24	14.02	46.26	74.00	-27.74	Peak
6	9234.0000	21.48	14.02	35.50	54.00	-18.50	AVG
7	10900.0000	31.59	16.10	47.69	74.00	-26.31	Peak
8	10900.0000	20.70	16.10	36.80	54.00	-17.20	AVG
9	11659.5000	30.41	17.86	48.27	74.00	-25.73	Peak
10	11659.5000	20.24	17.86	38.10	54.00	-15.90	AVG
11	12720.0000	29.85	19.00	48.85	74.00	-25.15	Peak
12	12720.0000	19.50	19.00	38.50	54.00	-15.50	AVG

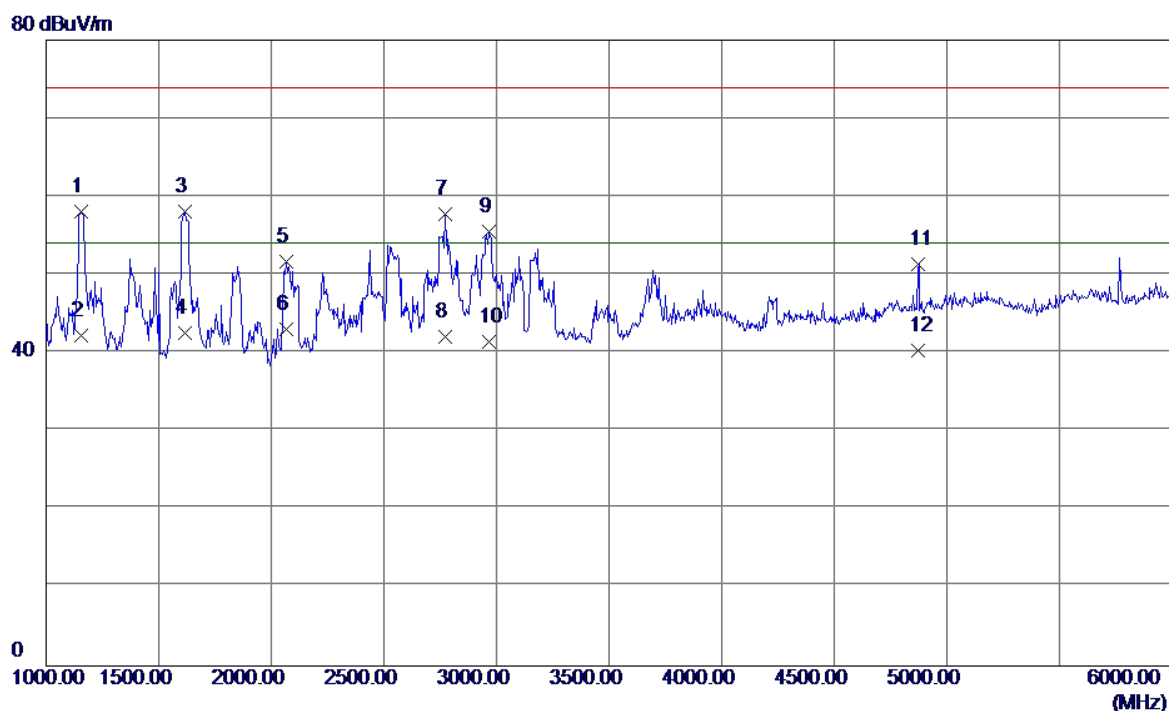
EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	WIFI		
Test Engineer	Treey Chen		

80 dBuV/m



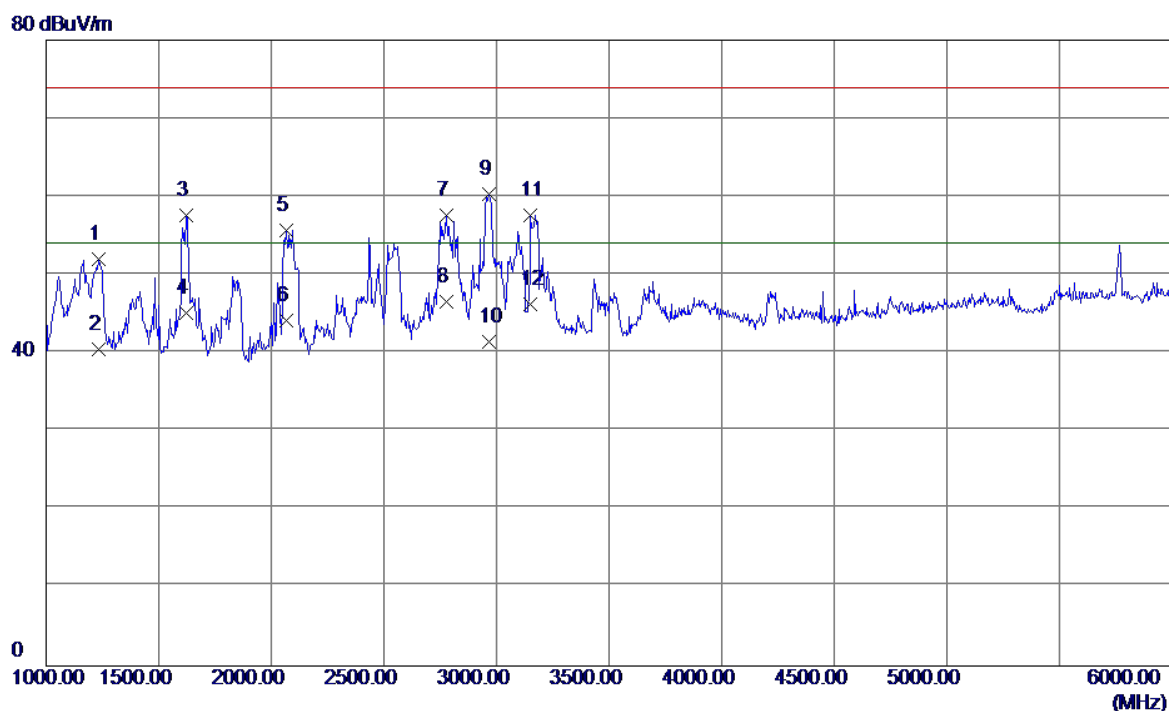
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	6245.0000	35.76	9.55	45.31	74.00	-28.69	Peak
2	6245.0000	25.55	9.55	35.10	54.00	-18.90	AVG
3	7253.0000	34.95	11.73	46.68	74.00	-27.32	Peak
4	7253.0000	23.77	11.73	35.50	54.00	-18.50	AVG
5	8170.0000	32.19	14.20	46.39	74.00	-27.61	Peak
6	8170.0000	20.10	14.20	34.30	54.00	-19.70	AVG
7	9713.5000	32.30	14.28	46.58	74.00	-27.42	Peak
8	9713.5000	20.82	14.28	35.10	54.00	-18.90	AVG
9	11995.5000	30.37	18.91	49.28	74.00	-24.72	Peak
10 *	11995.5000	19.19	18.91	38.10	54.00	-15.90	AVG
11	12464.5000	30.20	18.44	48.64	74.00	-25.36	Peak
12	12464.5000	18.66	18.44	37.10	54.00	-16.90	AVG

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	HDMI 1 IN 4096*2160/30Hz		
Test Engineer	Treey Chen		



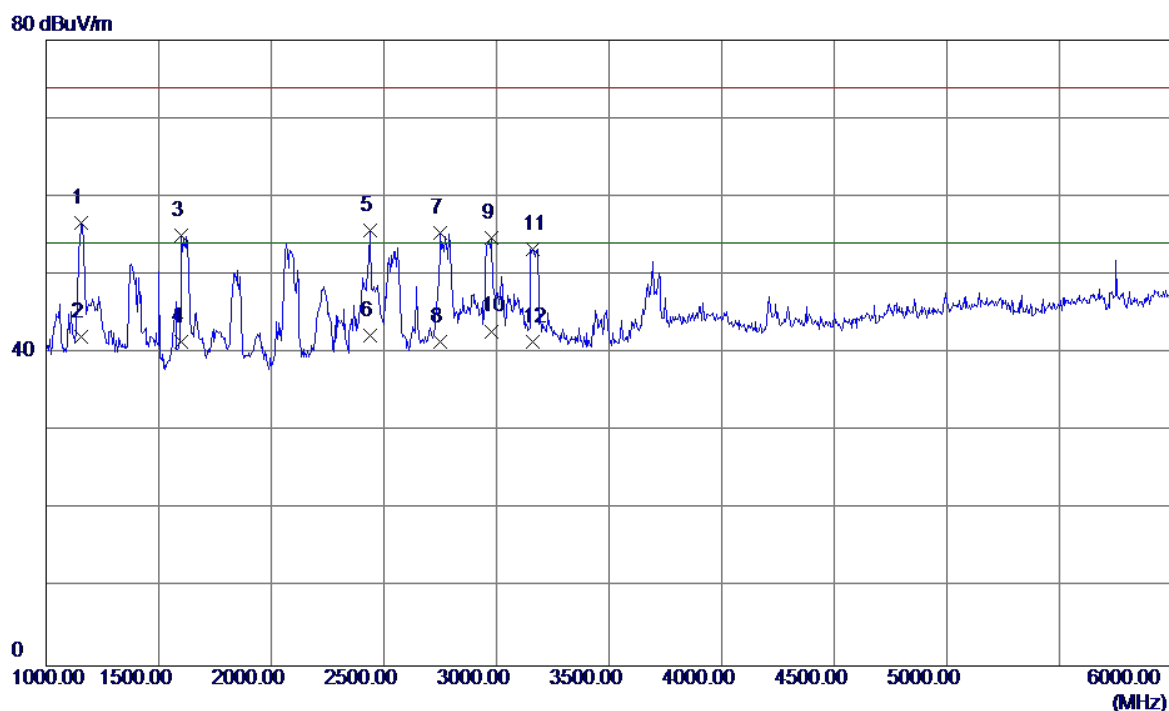
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1157.5000	61.11	-3.09	58.02	74.00	-15.98	Peak
2	1157.5000	45.39	-3.09	42.30	54.00	-11.70	AVG
3	1617.5000	61.17	-3.07	58.10	74.00	-15.90	Peak
4	1617.5000	45.57	-3.07	42.50	54.00	-11.50	AVG
5	2065.0000	55.25	-3.60	51.65	74.00	-22.35	Peak
6 *	2065.0000	46.70	-3.60	43.10	54.00	-10.90	AVG
7	2770.0000	56.92	0.82	57.74	74.00	-16.26	Peak
8	2770.0000	41.28	0.82	42.10	54.00	-11.90	AVG
9	2965.0000	53.69	1.79	55.48	74.00	-18.52	Peak
10	2965.0000	39.71	1.79	41.50	54.00	-12.50	AVG
11	4875.0000	45.38	5.93	51.31	74.00	-22.69	Peak
12	4875.0000	34.37	5.93	40.30	54.00	-13.70	AVG

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	HDMI 1 IN 4096*2160/30Hz		
Test Engineer	Treey Chen		



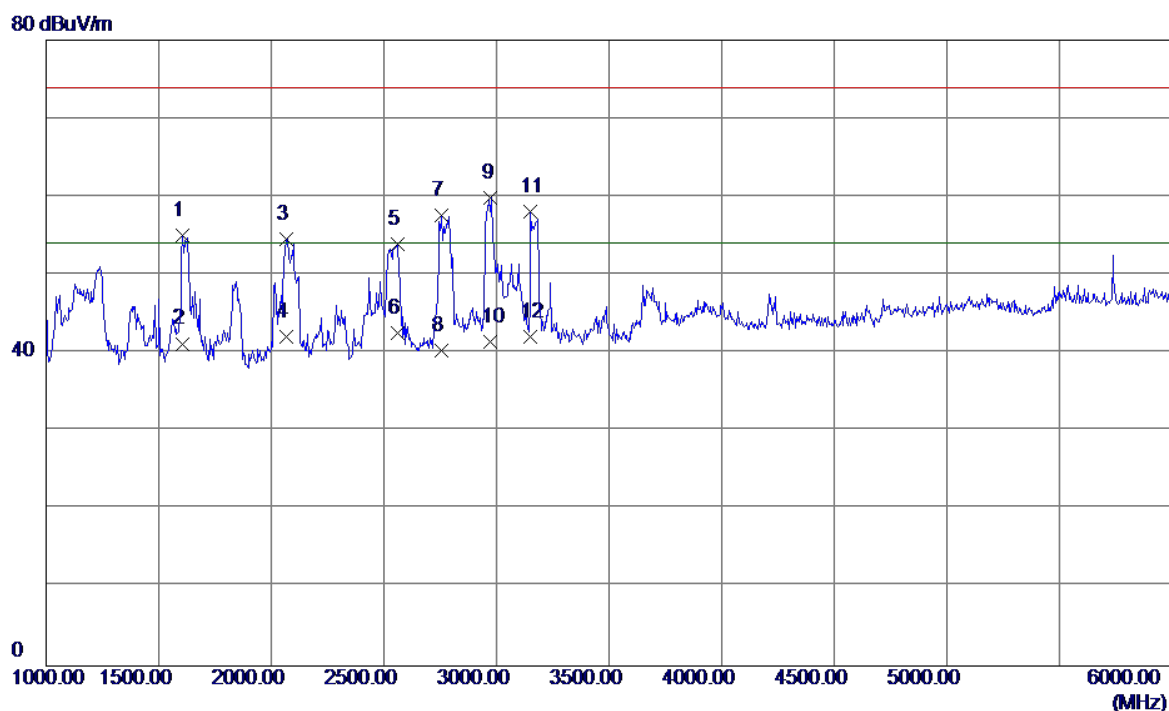
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1232.5000	55.02	-3.02	52.00	74.00	-22.00	Peak
2	1232.5000	43.52	-3.02	40.50	54.00	-13.50	AVG
3	1622.5000	60.68	-3.08	57.60	74.00	-16.40	Peak
4	1622.5000	48.18	-3.08	45.10	54.00	-8.90	AVG
5	2067.5000	59.30	-3.58	55.72	74.00	-18.28	Peak
6	2067.5000	47.68	-3.58	44.10	54.00	-9.90	AVG
7	2777.5000	56.75	0.86	57.61	74.00	-16.39	Peak
8 *	2777.5000	45.64	0.86	46.50	54.00	-7.50	AVG
9	2965.0000	58.48	1.79	60.27	74.00	-13.73	Peak
10	2965.0000	39.71	1.79	41.50	54.00	-12.50	AVG
11	3152.5000	55.53	2.11	57.64	74.00	-16.36	Peak
12	3152.5000	44.19	2.11	46.30	54.00	-7.70	AVG

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	NTSC-M 253.25MHz		
Test Engineer	Treey Chen		



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1157.5000	59.70	-3.09	56.61	74.00	-17.39	Peak
2	1157.5000	45.19	-3.09	42.10	54.00	-11.90	AVG
3	1602.5000	58.08	-3.03	55.05	74.00	-18.95	Peak
4	1602.5000	44.53	-3.03	41.50	54.00	-12.50	AVG
5	2437.5000	56.70	-0.98	55.72	74.00	-18.28	Peak
6	2437.5000	43.28	-0.98	42.30	54.00	-11.70	AVG
7	2752.5000	54.68	0.73	55.41	74.00	-18.59	Peak
8	2752.5000	40.77	0.73	41.50	54.00	-12.50	AVG
9	2980.0000	52.81	1.87	54.68	74.00	-19.32	Peak
10 *	2980.0000	40.93	1.87	42.80	54.00	-11.20	AVG
11	3162.5000	51.19	2.12	53.31	74.00	-20.69	Peak
12	3162.5000	39.38	2.12	41.50	54.00	-12.50	AVG

EUT	LED TV Receiver	Model Name	70UW340C-CB
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	NTSC-M 253.25MHz		
Test Engineer	Treey Chen		



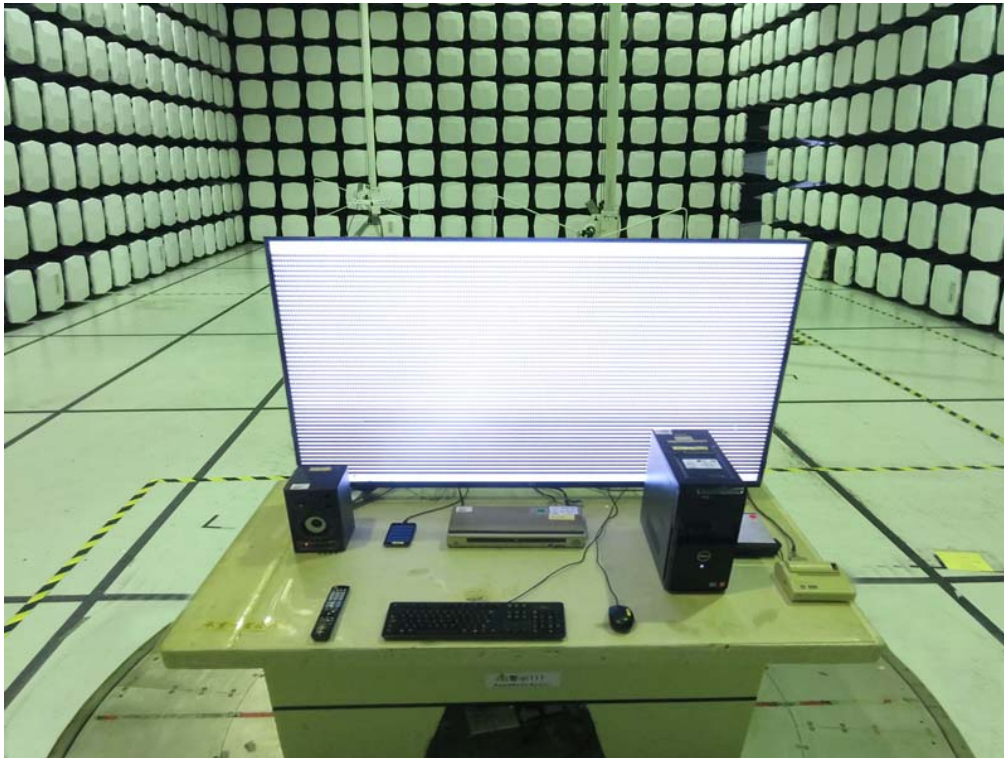
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1607.5000	58.03	-3.04	54.99	74.00	-19.01	Peak
2	1607.5000	44.24	-3.04	41.20	54.00	-12.80	AVG
3	2065.0000	58.20	-3.60	54.60	74.00	-19.40	Peak
4	2065.0000	45.70	-3.60	42.10	54.00	-11.90	AVG
5	2560.0000	54.07	-0.23	53.84	74.00	-20.16	Peak
6 *	2560.0000	42.73	-0.23	42.50	54.00	-11.50	AVG
7	2755.0000	56.87	0.74	57.61	74.00	-16.39	Peak
8	2755.0000	39.56	0.74	40.30	54.00	-13.70	AVG
9	2975.0000	57.93	1.84	59.77	74.00	-14.23	Peak
10	2975.0000	39.66	1.84	41.50	54.00	-12.50	AVG
11	3152.5000	55.97	2.11	58.08	74.00	-15.92	Peak
12	3152.5000	39.99	2.11	42.10	54.00	-11.90	AVG

5. EUT TEST PHOTO

Conducted emissions AC mains power port



Radiated emissions Below 1 GHz



Radiated emissions above 1 GHz

