

### FCC TEST REPORT

## 47 CFR FCC Part 15 Subpart B

Report Reference No..... MWR161000110

FCC ID.....: **RQQHLT-TITAN LTE** 

Compiled by

( position+printed name+signature)..:

Supervised by

( position+printed name+signature)..:

Approved by

( position+printed name+signature)..:

Date of issue....:

Representative Laboratory Name .:

Address .....:

Testing Laboratory Name .....

Address .....:

Standard .....:

Test item description .....:

Applicant's name.....

Address .....:

Test specification .....:

TRF Originator.....:

Manufacturer.....

Software version .....:

Result..... PASS

File administrators Martin Ao

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Manager Dixon Hao

October 24, 2016

Maxwell International Co., Ltd.

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**HYUNDAI CORPORATION** 

140-2, Kye-dong, Chongro-ku, Seoul, South Korea

47 CFR FCC Part 15 Subpart B - Unintentional Radiators

ANSI C63.4: 2014

Maxwell International Co., Ltd.

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Mobile Phone

Trade Mark .....: **HYUNDAI** 

Shenzhen Rainbow Time Technology Co.,Ltd

Model/Type reference.....: TITAN LTE

Listed Models .....:

Rating .....: DC 3.70V

Hardware version ...... 5101SP\_S52

V1.0

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# TEST REPORT

Test Report No. :	MWR161000110	October 24, 2016			
rest Report No	IVIVVEIGIOUUTIU	Date of issue			

Equipment under Test : Mobile Phone

Model /Type : TITAN LTE

Listed Models : /

Applicant : HYUNDAI CORPORATION

Address : 140-2, Kye-dong, Chongro-ku, Seoul, South Korea

Manufacturer : Shenzhen Rainbow Time Technology Co.,Ltd

Address : Room 905, ChangHong Technology Building, Science and

Technology Park, Nanshan District, Shenzhen, China

Test Result:	PASS

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

# **Revison History**

Report No.: MWR161000110

Revision	Issue Date	Revisions	Revised By
00	2016-10-24	Initial Issue	Dixon Hao

# Report No.: MWR161000110

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# 1 TEST STANDARDS

The tests were performed according to following standards:

<u>47 CFR FCC Part 15 Subpart B -</u> Unintentional Radiators

<u>ANSI C63.4: 2014</u> – American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40GHz

# 2 SUMMARY

## 2.1 General Remarks

Date of receipt of test sample	:	September 18, 2016
Testing commenced on	:	September 19, 2016
Testing concluded on	:	October 24, 2016

# 2.2 Product Description

The **HYUNDAI CORPORATION**'s Model: TITAN LTE or the "EUT" as referred to in this report; more general information as follows, for more details, refer to the user's manual of the EUT.

Name of EUT	Mobile Phone			
Model Number	TITAN LTE			
Widder Number	GMSK for GSM/GPRS/EDGE, 8-PSK for EDGE only downlink, QPSK			
Modilation Type				
<u> </u>	for UMTS, QPSK/16QAM for LTE			
Antenna Type	Internal			
UMTS Operation Frequency Band	Device supported UMTS FDD Band II, FDD Band V			
	IEEE 802.11b:2412-2462MHz			
WLAN FCC Operation frequency	IEEE 802.11g:2412-2462MHz			
The art of operation inequality	IEEE 802.11n HT20:2412-2462MHz			
	IEEE 802.11n HT40:2422-2452MHz			
BT FCC Operation frequency	2402MHz-2480MHz			
HSDPA Release Version	Release 10			
HSUPA Release Version	Release 6			
DC-HSUPA Release Version	Not Supported			
WCDMA Release Version	R99			
	IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK)			
VALLANI FOO Mardulation Trues	IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK)			
WLAN FCC Modulation Type	IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK)			
	IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK)			
BT Modulation Type	GFSK,8DPSK,π/4DQPSK(BT3.0+EDR),GFSK(BLE)			
Hardware version	5101SP_S52			
Software version	V1.0			
Android version	Android 5.1			
GPS function	Supported			
WLAN	Supported 802.11b/802.11g/802.11n			
Bluetooth	Supported BT 4.0/BT 3.0+EDR			
GSM/EDGE/GPRS	Supported GSM/GPRS/EDGE			
GSM/EDGE/GPRS Power Class	GSM850:Power Class 4/ PCS1900:Power Class 1			
GSM/EDGE/GPRS Operation				
Frequency	GSM850 :824.2MHz-848.8MHz/PCS1900:1850.2MHz-1909.8MHz			
GSM/EDGE/GPRS Operation	0014050/D004000/ODD0050/ODD04000/ED05050/ED05			
Frequency Band	GSM850/PCS1900/GPRS850/GPRS1900/EDGE850/EDGE1900			
GSM Release Version	R99			
GPRS/EDGE Multislot Class	GPRS: Multi-slot Class 12			
Extreme temp. Tolerance	-30°C to +50°C			
Extreme vol. Limits	3.40VDC to 4.20VDC (nominal: 3.80VDC)			
GPRS operation mode	Class B			
C operation mode				

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## 2.3 Equipment under Test

## Power supply system utilised

Power supply voltage	:	0	120V / 60 Hz	0	115V / 60Hz
		0	12 V DC	0	24 V DC
		•	Other (specified in blank bel	ow	)

DC 3.80V

## 2.4 Short description of the Equipment under Test (EUT)

## 2.4.1 General Description

TITAN LTE is subscriber equipment in the WCDMA/GSM system. The HSPA/UMTS frequency band is Band I, Band II and Band V; The GSM/GPRS/EDGE frequency band includes GSM850 and GSM900 and DCS1800 and PCS1900, but only Band II, Band V, GSM850 and PCS1900 bands test data included in this report. The Mobile Phone implements such functions as RF signal receiving/transmitting, HSPA/UMTS and GSM/GPRS/EDGE protocol processing, voice, video MMS service, GPS and WIFI etc. Externally it provides micro SD card interface, earphone port (to provide voice service) and SIM card interface. It also provides Bluetooth module to synchronize data between a PC and the phone, or to use the built-in modem of the phone to access the Internet with a PC, or to exchange data with other Bluetooth devices.

NOTE: Unless otherwise noted in the report, the functional boards installed in the units shall be selected from the below list, but not means all the functional boards listed below shall be installed in one unit.

### 2.4.2 Test Environments

NOTE: The values used in the test report maybe stringent than the declared.

Environment Parameter	Selected Values During Te	ests	
NTNV	Temperature	Voltage	Relative Humidity
INTINV	Ambient	3.8VDC	Ambient

## 2.5 EUT operation mode

The EUT has been tested under typical operating condition.

## 2.6 Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for **FCC ID: RQQHLT-TITAN LTE** filing to comply with FCC Part 15, Subpart B Rules.

## 2.7 Internal Identification of AE used during the test

AE ID*	Description
AE1	Charger

AE1

Model: DC500

INPUT: AC180-240V~ 50/60Hz 0.15A

OUTPUT: DC 5.0V 1000mA

\*AE ID: is used to identify the test sample in the lab internally. We not used AE1 when for FCC Part 15B test.

### 2.8 Modifications

No modifications were implemented to meet testing criteria.

# 2.9 EUT configuration

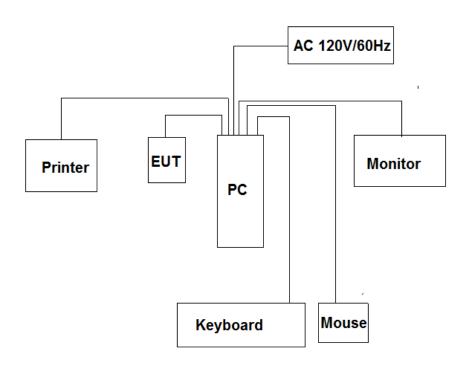
The following peripheral devices and interface cables were connected during the measurement:

- supplied by the manufacturer
- $\ensuremath{\bigcirc}$  supplied by the lab

0	Power Cable	Length (m):	1
		Shield :	1
		Detachable :	1
0	Multimeter	Manufacturer:	1
		Model No.:	1

# 2.10 Configuration of Tested System

## **Configuration of Tested System**



## **Equipment Used in Tested System**

No.	Equipment	Manufacturer	Model No.	Serial No.	Length	shielded/unshielded	Notes
1	PC	HP	Pavalion	A131101550	1	1	DOC
2	Mouse	DELL	MO56UO A	G0E02SY7	1.00m	unshielded	DOC
3	Keyboard	DELL	KB212	H548787	1.00m	unshielded	DOC
4	Monitor	DELL	W1972a	6CM3212F7C	/	1	DOC
5	Printer	Epson	R230	R8792T58	1	1	DOC
6	USB Cable (EUT to PC)	Genshuo	USB 2.0	N/A	0.60m	unshielded	N/A
7	Power line	/	/	N/A	1.00m	unshielded	N/A

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## 3 TEST ENVIRONMENT

## 3.1 Address of the test laboratory

### Shenzhen CTL Testing Technology Co., Ltd.

Floor 1-A, Baisha Technology Park, No. 3011, Shahexi Road, Nanshan, Shenzhen 518055 China

There is one 3m semi-anechoic chamber and two line conducted labs for final test. The Test Sites meet the requirements in documents ANSI C63.4, CISPR 22/EN 55022 and CISPR16-4-1 SVSWR requirements.

## 3.2 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

## IC Registration No.: 9618B

The 3m alternate test site of Shenzhen CTL Testing Technology Co., Ltd. EMC Laboratory has been registered by Certification and Engineer Bureau of Industry Canada for the performance of with Registration No.: 9618B on November 13, 2013.

## FCC-Registration No.: 970318

Shenzhen CTL Testing Technology Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 970318, December 19, 2013.

### 3.3 Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature: 15-35 ° C

Humidity: 30-60 %

Atmospheric pressure: 950-1050mbar

### 3.4 Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to CISPR 16 - 4 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the Shenzhen CTL Testing Technology Co., Ltd. quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for CTL laboratory is reported:

Test	Range	Measurement Uncertainty	Notes
Radiated Emission	30~1000MHz	4.5 dB	(1)
Radiated Emission	1~18GHz	4.6 dB	(1)
Conducted Disturbance	0.009~30MHz	3.5 dB	(1)

<sup>(1)</sup> This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

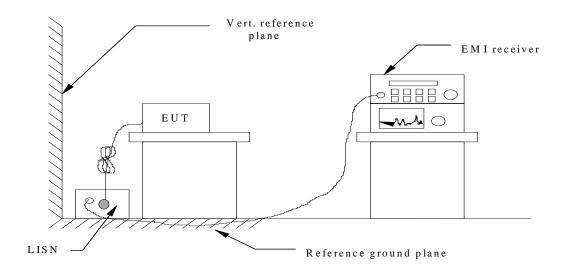
# 3.5 Equipments Used during the Test

Test Equipment	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Due Date
Bilog Antenna	Sunol Sciences Corp.	JB1	A061713	2016/06/02	2017/06/01
EMI Test Receiver	R&S	ESCI	103710	2016/06/02	2017/06/01
Spectrum Analyzer	Agilent	N9030A	MY49430428	2016/05/21	2017/05/20
Controller	EM Electronics	Controller EM 1000	N/A	2016/05/21	2017/05/20
Horn Antenna	SCHWARZBECK	BBHA9170D	BBH A9170179	2016/05/19	2017/05/18
Horn Antenna	Sunol Sciences Corp.	DRH-118	A062013	2016/05/19	2017/05/18
EMC Test Software	R&S	ES-K1	N/A	N/A	N/A
EMC Test Software	Audix	E3	N/A	N/A	N/A
Active Loop Antenna	SCHWARZBECK	FMZB1519	1519-037	2016/05/19	2017/05/18
Amplifier	Agilent	8349B	3008A02306	2016/05/19	2017/05/18
Amplifier	Agilent	8447D	2944A10176	2016/05/19	2017/05/18
Temperature/ Humidity Meter	Gangxing	CTH-608	02	2016/05/20	2017/05/19
High-Pass Filter	K&L	9SH10- 2700/X12750-O/O	N/A	2016/05/20	2017/05/19
High-Pass Filter	K&L	41H10- 1375/U12750-O/O	N/A	2016/05/20	2017/05/19
Coaxial Cables	HUBER+SUHNER	SUCOFLEX 104PEA-10M	10m	2016/06/02	2017/06/01
Coaxial Cables	HUBER+SUHNER	SUCOFLEX 104PEA-3M	3m	2016/06/02	2017/06/01
Coaxial Cables	HUBER+SUHNER	SUCOFLEX 104PEA-3M	3m	2016/06/02	2017/06/01
RF Cable	Megalon	RF-A303	N/A	2016/06/02	2017/06/01
Power Sensor	R&S	NRP-Z4	823.3618.03	2016/06/02	2017/06/01
Power Meter	R&S	NRVS	1020.1809.02	2016/06/02	2017/06/01
System Simulator	R&S	CMU200	115419	2016.05.22	2017.05.21

## 4 TEST CONDITIONS AND RESULTS

### 4.1 AC Main Conducted Emissions

### **TEST CONFIGURATION**



### **TEST PROCEDURE**

- 1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. The EUT is a tabletop system; a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.4-2014.
- 2. Support equipment, if needed, was placed as per ANSI C63.4-2014.
- 3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4-2014.
- 4. The EUT received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
- 5. All support equipments received AC power from a second LISN, if any.
- 6. The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7. Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.
- 8. During the above scans, the emissions were maximized by cable manipulation.

#### **CONDUCTED POWER LINE EMISSION LIMIT**

For unintentional device, according to § 15.107(a) Line Conducted Emission Limits is as following:

Eroguanav	Maximum RF Line Voltage (dBμV)						
Frequency (MHz)	CLAS	SS A	CLASS B				
(IVITIZ)	Q.P.	Q.P. Ave.		Ave.			
0.15 - 0.50	79	66	66-56*	56-46*			
0.50 - 5.00	73	60	56	46			
5.00 - 30.0	73	60	60	50			

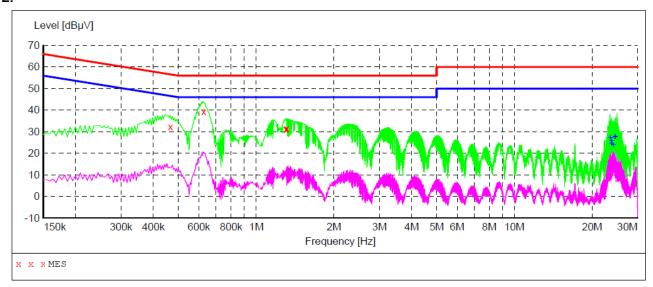
<sup>\*</sup> Decreasing linearly with the logarithm of the frequency

### **TEST RESULTS**

#### Remark:

1. We tested the playing video Mode, Data transmission (connected PC) Mode, camera Mode and so on, and recorded the worst case at the playing video Mode.

L:



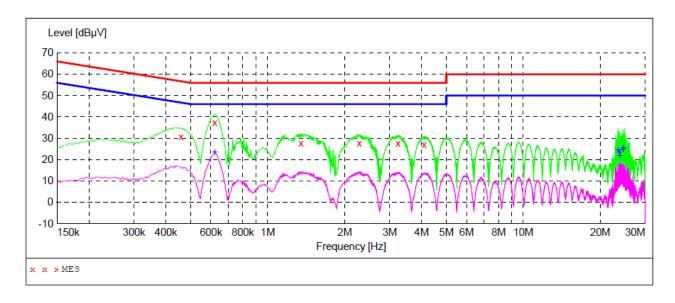
## MEASUREMENT RESULT:

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.466000	32.30	10.2	57	24.3	QP	L1	GND
0.626000	39.20	10.2	56	16.8	QΡ	L1	GND
1.304000	31.20	10.3	56	24.8	QP	L1	GND
1.310000	31.30	10.3	56	24.7	QP	L1	GND
1.316000	31.30	10.3	56	24.7	QP	L1	GND

## MEASUREMENT RESULT:

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
23.522000	27.20	11.1	50	22.8	AV	L1	GND
23.768000	25.60	11.1	50	24.4	AV	L1	GND
23.828000	24.40	11.1	50	25.6	AV	L1	GND
24.128000	23.80	11.1	50	26.2	AV	L1	GND
24.548000	27.30	11.1	50	22.7	AV	L1	GND
24.608000	27.60	11.1	50	22.4	AV	L1	GND

N:



### MEASUREMENT RESULT:

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.458000	30.70	10.2	57	26.0	QP	N	GND
0.620000	37.30	10.2	56	18.7	QP	N	GND
1.352000	27.50	10.3	56	28.5	QP	N	GND
2.282000	27.80	10.4	56	28.2	QP	N	GND
3.236000	27.60	10.4	56	28.4	QP	N	GND
4.094000	27.00	10.4	56	29.0	QP	N	GND

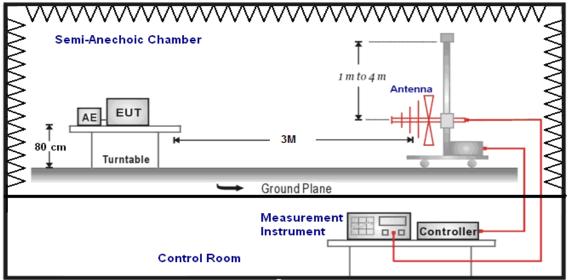
## MEASUREMENT RESULT:

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.620000	23.50	10.2	46	22.5	AV	N	GND
23.522000	24.40	11.1	50	25.6	AV	N	GND
23.762000	23.30	11.1	50	26.7	AV	N	GND
23.822000	21.80	11.1	50	28.2	AV	N	GND
24.548000	24.80	11.1	50	25.2	AV	N	GND
24.608000	25.20	11.1	50	24.8	AV	N	GND

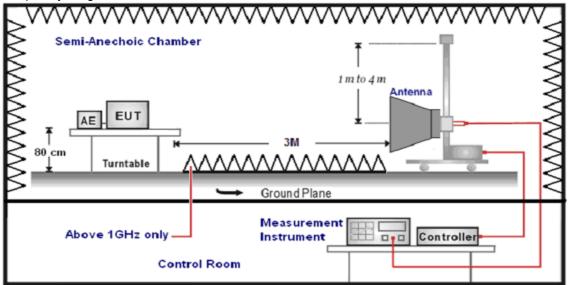
### 4.2 Radiated Emission

### **TEST CONFIGURATION**

Frequency range: 30MHz - 1000MHz



Frequency range above 1GHz-25GHz



## **TEST PROCEDURE**

- 1. The EUT is placed on a turntable, which is 0.8m above ground plane.
- 2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
- 3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emissions.
- 4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- 6. Repeat above procedures until the measurements for all frequencies are complete.
- The maximum operation frequency was 2.45GHz, the radiated emission test frequency from 30 MHz to 13GHz.

8. The distance between test antenna and EUT as following table states:

Test Frequency range	Test Antenna Type	Test Distance
30MHz-1GHz	Ultra-Broadband Antenna	3
1GHz-13GHz	Double Ridged Horn Antenna	3

9. Setting test receiver/spectrum as following table states:

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Test Frequency range Test Receiver/Spectrum Setting		Detector
30MHz-1GHz RBW=120KHz/VBW=1000KHz,Sweep time=Auto		QP
	Peak Value: RBW=1MHz/VBW=3MHz,	Peak
1047 12047	Sweep time=Auto	(Receiver)
1GHz-13GHz	Average Value: RBW=1MHz/VBW=10Hz,	Peak
	Sweep time=Auto	Peak

### FIELD STRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

### FS = RA + AF + CL - AG

Where FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
RA = Reading Amplitude	AG = Amplifier Gain
AF = Antenna Factor	

### For example

Frequency	FS	RA	AF	CL	AG	Transd
(MHz)	(dBµV/m)	(dBµV/m)	(dB)	(dB)	(dB)	(dB)
300.00	40	58.1	12.2	1.6	31.90	

Transd=AF +CL-AG

### **RADIATION LIMIT**

For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

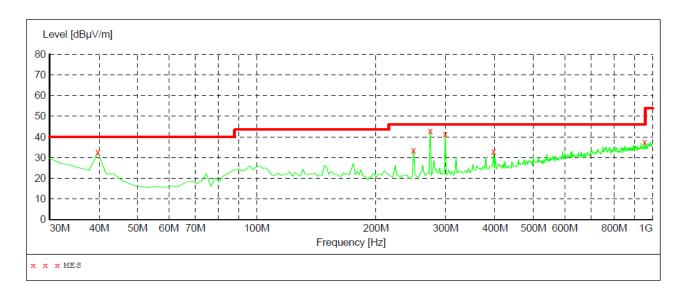
Frequency (MHz)	Distance (Meters)	Radiated (dBµV/m)	Radiated (µV/m)
0.009-0.49	300	20log(2400/F(KHz))+80	2400/F(KHz)
0.49-1.705	30	20log(24000/F(KHz))+40	24000/F(KHz)
1.705-30	30	20log(30)+40	30
30-88	3	40.0	100
88-216	3	43.5	150
216-960	3	46.0	200
Above 960	3	54.0	500

## **TEST RESULTS**

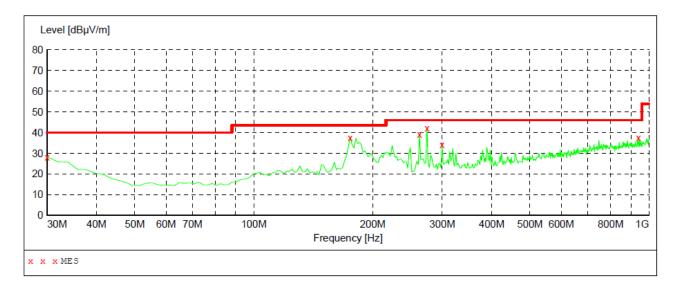
### Remark:

1. We tested the playing video Mode, Data transmission (connected PC) Mode, camera Mode and so on, and recorded the worst case at the playing video Mode.

## For 30 MHz - 1 GHz

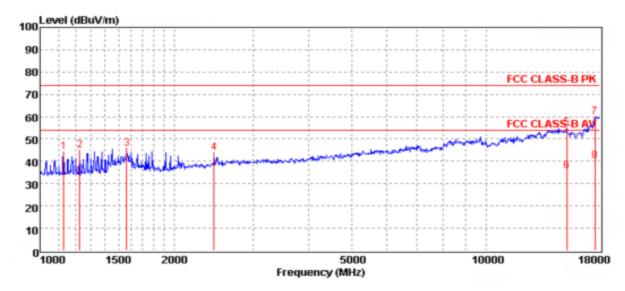


Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization
MHz	dBµV/m	dB	dBµV/m	dB	Det.	cm	deg	Polarization
39.700000	32.55	13.42	40.00	7.45	Peak	108.00	265.00	HORIZONTAL
249.22000	33.61	13.86	46.00	12.39	Peak	124.00	247.00	HORIZONTAL
274.44000	43.00	15.11	46.00	3.00	Peak	100.00	144.00	HORIZONTAL
299.66000	41.36	15.25	46.00	4.64	Peak	200.00	89.00	HORIZONTAL
396.66000	32.89	17.94	46.00	13.11	Peak	250.00	346.00	HORIZONTAL
955.38000	37.57	26.63	46.00	8.43	Peak	242.00	300.00	HORIZONTAL

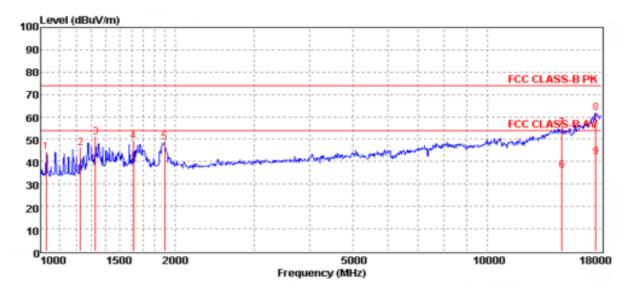


Frequency	Level	Transd	Limit	Margin	Det.	Height	Azimuth	Polarization	
MHz	dBµV/m	dB	dBµV/m	dB	Det.	cm	deg		
30.000000	28.39	20.84	40.00	11.61	Peak	100.00	24.00	VERTICAL	
175.500000	37.53	12.96	43.50	5.97	Peak	124.00	277.00	VERTICAL	
262.800000	39.16	14.82	46.00	6.84	Peak	104.00	164.00	VERTICAL	
274.440000	42.10	15.14	46.00	3.90	Peak	100.00	349.00	VERTICAL	
299.660000	34.15	15.22	46.00	11.85	Peak	100.00	155.00	VERTICAL	
941.800000	37.44	26.45	46.00	8.56	Peak	150.00	249.00	VERTICAL	

For 1 GHz - 18 GHz



Item Frequency (MHz)	Frequency	Read	Antenna	PRM	Cable	Result	Limit Line	Margin		
	Level	Factor	Factor	Loss	Level	(dBµV/m)		Detector	Polarization	
	(1711 12)	(dBµV)	(dB/m)	dB	(dB)	(dBµV/m)	(dBµV/m) (dB)			
1	1129.07	43.00	32.44	36.26	4.21	43.39	54.00	10.61	Peak	Horizontal
2	1227.79	44.38	32.49	36.26	4.28	44.89	54.00	9.11	Peak	Horizontal
3	1565.22	44.96	32.61	36.28	4.48	45.77	54.00	8.23	Peak	Horizontal
4	2456.88	46.20	28.78	36.15	4.61	43.44	54.00	10.56	Peak	Horizontal
5	15177.77	35.15	40.26	31.99	13.26	56.68	74.00	17.32	Peak	Horizontal
6	15177.77	14.38	40.26	31.99	13.26	35.91	54.00	18.09	AV <sup>[1]</sup>	Horizontal
7	17537.64	35.65	41.78	31.23	14.14	60.34	74.00	13.66	Peak	Horizontal
8	17537.64	15.47	41.78	31.23	14.14	40.16	54.00	13.84	AV <sup>[1]</sup>	Horizontal



Item (Mark)	Frequency (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss (dB)	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1029.39	43.97	32.35	36.22	4.08	44.18	54.00	9.82	Peak	Vertical
2	1227.65	45.84	32.49	36.26	4.28	46.35	54.00	7.65	Peak	Vertical
3	1327.44	50.38	32.52	36.26	4.33	50.97	54.00	3.03	Peak	Vertical
4	1615.77	48.47	32.61	36.28	4.54	49.34	54.00	4.66	Peak	Vertical
5	1894.26	50.60	30.17	36.17	4.50	49.10	54.00	4.90	Peak	Vertical
6	14710.96	36.96	39.88	32.64	12.91	57.11	74.00	16.89	Peak	Vertical
7	14710.96	16.04	39.88	32.64	12.91	36.19	54.00	17.81	AV <sup>[1]</sup>	Vertical
8	17487.19	36.69	41.78	31.23	14.14	61.38	74.00	12.62	Peak	Vertical
9	17487.19	18.62	41.78	31.23	14.14	43.31	54.00	10.69	AV <sup>[1]</sup>	Vertical

### Remark:

- 1. Result Level = Read Level + Antenna Factor + Cable loss PRM Factor.
- 2. The other emission levels were very low against the limit.
- 3. Margin = Limit Emission Level.
- 4. The average measurement was not performed when the peak measured data under the limit of average detection.
- 5. Detector AV is setting spectrum/receiver. RBW=1MHz/VBW=10Hz/Sweep time=Auto/Detector=Peak;
- 6."---" Mean the PK detector measured value is below average limit.

# 5 Test Setup Photos of the EUT

Please refer to separated files for Test Setup Photos of the EUT.

# 6 External Photos of the EUT

Please refer to separated files for External Photos of the EUT.

# 7 Internal Photos of the EUT

Please refer to separated files for Internal Photos of the EUT.

End	of R	eport.		
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