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CNAS L0310



# FCC RF Test Report

**Product Name: Smart Phone**

**Model Number: EVA-L29**

**Report No: SYBH(Z-RF)032122015-2005**

**FCC ID: QISEVA-LX9**

Reliability Laboratory of Huawei Technologies Co., Ltd.

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## Notice

1. The laboratory has Passed the accreditation by China National Accreditation Service for Conformity Assessment (CNAS). The accreditation number is L0310.
2. The laboratory has Passed the accreditation by The American Association for Laboratory Accreditation (A2LA). The accreditation number is 2174.01.
3. The laboratory has been listed by the US Federal Communications Commission to perform electromagnetic emission measurements. The site recognition number is 97456.
4. The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 6369A-1.
5. The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
6. The test report is invalid if there is any evidence of erasure and/or falsification.
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8. Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
9. The laboratory has Passed the accreditation by China National Accreditation Service for Conformity Assessment (CNAS). The accreditation number is L0310.
10. The laboratory (Reliability Lab of Huawei Technologies Co., Ltd) is also named as “Global Compliance and Testing Center of Huawei Technologies Co., Ltd”, the both names have coexisted since 2009.



**Applicant:** Huawei Technologies Co., Ltd.  
**Address:** Administration Building, Headquarters of Huawei Technologies Co., Ltd.,  
Bantian, Longgang District, Shenzhen, 518129, P.R.C

**Date of Receipt Sample:** 2016-02-14  
**Start Date of Test:** 2016-02-14  
**End Date of Test:** 2016-02-29

**Test Result:** Pass

<b>Approved by Senior Engineer:</b>	2016-03-01	Liu Chunlin	
	Date	Name	Signature

<b>Prepared by:</b>	2016-03-01	maowenli	
	Date	Name	Signature



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## 1 General Information

### 1.1 Applied Standard

Applied Rules:           47 CFR FCC Part 2, Subpart J 2014  
                              47 CFR FCC Part 15, Subpart C 2014  
                              47 CFR FCC Part 15, Subpart E 2014

Test Method:            KDB 789033 D02 General UNII Test Procedures New Rules v01r01  
                              FCC KDB 558074 D01 DTS Meas Guidance v03r04

### 1.2 Test Location

Test Location :         Reliability Laboratory of Huawei Technologies Co., Ltd.  
Address:                Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang  
                              District, Shenzhen, 518129, P.R.C

### 1.3 Test Environment Condition

Temperature:            19.5 to 25 °C (Ambient)  
Relative Humidity:     40 to 55 % (Ambient)  
Atmospheric Pressure: Not applicable



## 2 Test Summary

### 2.1 Measurement Technical Requirements

#### 2.1.1 U-NII (5150-5250, 5250-5350, 5470-5725 MHz,5725-5850)

Test Item	Band	FCC Rule	Requirements	Test Result	Verdict
Emission Bandwidth	5150-5250	15.403(i) 15.407(a)(1)	No limit.	Appendix A	Pass
	5250-5350	15.403(i) 15.407(a)(2)			
	5470-5725	15.403(i) 15.407(a)(2)			
	5725-5850	15.403(i) 15.407(e)	≥ 500 kHz.		
Occupied Bandwidth	5150-5250 5250-5350 5470-5725 5725-5850	KDB 789033 §D	No limit	Appendix B	Pass
Duty Cycle	--	--	No limit.	Appendix C	Pass
Maximum Conducted Output Power	5150-5250	15.407(a)(1) 15.407(a)(4)	< 250mW (avg during transmission)	Appendix D	Pass
	5250-5350	15.407(a)(2) 15.407(a)(4)	<MIN{250mW, 11dBm+10 *lg(EBW)} (avg during transmission)		
	5470-5725	15.407(a)(2) 15.407(a)(4)	<MIN{250mW, 11dBm+10 *lg(EBW)} (avg during transmission)		
	5725-5850	15.407(a)(3)	< 1W (avg during transmission)		
Peak Power Spectral Density	5150-5250	15.407(a)(1) 15.407(a)(4)	<11dBm/MHz (avg during transmission)	Appendix E	Pass
	5250-5350	15.407(a)(2) 15.407(a)(4)	<11dBm/MHz (avg during transmission)		
	5470-5725	15.407(a)(2) 15.407(a)(4)	<11dBm/MHz (avg during transmission)		
	5725-5850	15.407(a)(3) 15.407(a)(4)	<30dBm/500KHz (avg during transmission)		



Test Item	Band	FCC Rule	Requirements	Test Result	Verdict
Unwanted Emissions	5150-5250	15.407(b)(1) 15.407(b)(6) 15.407(b)(7) 15.209	<ul style="list-style-type: none"><li>● F&lt;1GHz: §15.209/§7.2.5 limit (QP).</li><li>● F≥1GHz &amp; out-restricted: &lt;-27dBm/MHz PK e.i.r.p. (exl. 5.15-5.35 GHz).</li><li>● F≥1GHz &amp; in-restricted: §15.209/§7.2.5 limit (AV&amp;PK).</li></ul>	Appendix F	Pass
	5250-5350	15.407(b)(2) 15.407(b)(6) 15.407(b)(7) 15.209	<ul style="list-style-type: none"><li>● F&lt;1GHz: §15.209/§7.2.5 limit (QP).</li><li>● F≥1GHz &amp; out-restricted: &lt;-27dBm/MHz PK e.i.r.p. (exl. 5.25-5.35 GHz).</li><li>● F≥1GHz &amp; in-restricted: §15.209/§7.2.5 limit (AV&amp;PK).</li></ul>		
	5470-5725	15.407(b)(3) 15.407(b)(6) 15.407(b)(7) 15.209	<ul style="list-style-type: none"><li>● F&lt;1GHz: §15.209/§7.2.5 limit (QP).</li><li>● F≥1GHz &amp; out-restricted: &lt;-27dBm/MHz PK e.i.r.p. (exl. 5.47-5.725 GHz).</li><li>● F≥1GHz &amp; in-restricted: §15.209/§7.2.5 limit (AV&amp;PK).</li></ul>		

Test Item	Band	FCC Rule	Requirements	Test Result	Verdict
	5725-5850	15.407(b)(4) 15.407(b)(6) 15.407(b)(7) 15.209	<ul style="list-style-type: none"> <li>F&lt;1GHz: §15.209/§7.2.5 limit (QP)</li> <li>F≥1GHz &amp; out-restricted: &lt;-17dBm/MHz PK e.i.r.p(from the edge to 10 MHz above or below the band edge); &lt;-27dBm/MHz PK e.i.r.p( for frequencies 10 MHz or greater above or below the band edge) (exl. 5725-5850 GHz).</li> <li>F≥1GHz &amp; in-restricted: §15.209/§7.2.5 limit (AV&amp;PK).</li> </ul>		
Frequency Stability	5150-5250 5250-5350 5470-5725 5725-5850	15.407(g)	FCC Part 15.407(g)	Appendix G	Pass



### 3 Description of the Equipment under Test (EUT)

#### 3.1 General Description

EVA-L29 is subscriber equipment in the LTE/WCDMA/GSM system. The LTE frequency band is Band I, Band II, Band III, Band IV, Band V, Band VI, Band VII, Band VIII, Band XII, Band XVII, Band XVIII, Band XIX, Band XX, Band XXVI, Band XXVIII, Band XXXVIII, Band XXXIX, Band XL and Band XLI. The HSUPA/HSDPA/UMTS frequency band is Band I, Band II, Band IV, Band V, Band VI, Band VIII and Band XIX. The GSM/GPRS/EDGE frequency band includes GSM850 and GSM900 and DCS1800 and PCS1900. The Mobile Phone implements such functions as RF signal receiving/transmitting, LTE/WCDMA/GSM protocol processing, voice, video, MMS service, GPS, AGPS and WIFI etc. Externally it provides 2 Nano SIM/USIM card interfaces (one of the interfaces can also be used as micro SD card interface) and an earphone port (to provide voice service). 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: Only 5G WIFI test data included in this report.

#### 3.2 EUT Identity

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.

##### 3.2.1 Board

Board		
Description	Hardware Version	Software Version
Main Board	HL1AEVAM	A168-L29C900B073

##### 3.2.2 Sub-Assembly

Sub-Assembly			
Sub-Assembly Name	Model	Manufacturer	Description
Adapter	HW-050200U01	Huawei Technologies Co., Ltd.	Input Voltage: ~100-240V 50/60Hz 0.5A Output Voltage: 5V  2A Rated Power: 10W
Adapter	HW-050200E01	Huawei Technologies Co., Ltd.	Input Voltage: ~100-240V 50/60Hz 0.5A Output Voltage: 5V  2A Rated Power: 10W
Adapter	HW-050200B01	Huawei Technologies Co., Ltd.	Input Voltage: ~100-240V 50/60Hz 0.5A Output Voltage: 5V  2A Rated Power: 10W
Adapter	HW-050200A01	Huawei Technologies	Input Voltage: ~100-240V 50/60Hz 0.5A



Sub-Assembly			
Sub-Assembly Name	Model	Manufacturer	Description
		Co., Ltd.	Output Voltage: 5V  2A Rated Power: 10W
Rechargeable Li-ion	HB366481ECW	Huawei Technologies Co., Ltd.	Rated capacity: 2900mAh Nominal Voltage:  +3.82V Charging Voltage:  +4.4V

### 3.3 Technical Description

Characteristics	Description	
IEEE 802.11 WLAN Mode Supported	<input checked="" type="checkbox"/> 802.11a (20 MHz channel bandwidth), <input checked="" type="checkbox"/> 802.11n (20 MHz channel bandwidth), <input checked="" type="checkbox"/> 802.11n (40 MHz channel bandwidth), <input checked="" type="checkbox"/> 802.11ac (20 MHz channel bandwidth), <input checked="" type="checkbox"/> 802.11ac (40 MHz channel bandwidth), <input checked="" type="checkbox"/> 802.11ac (80 MHz channel bandwidth),	
TX/RX Operating Range	All	$f_c = 5000 \text{ MHz} + N * 5 \text{ MHz}$ , where: - $f_c$ = "Operating Frequency" in MHz, - $N$ = "Channel Number".
	5150-5250 MHz (U-NII)	$N = 36$ to $48$ with step of $4$ for the $20 \text{ MHz}$ channel bandwidth. $N = 38$ to $46$ with step of $4$ for the $40 \text{ MHz}$ channel bandwidth. $N = 42$ for the $80 \text{ MHz}$ channel bandwidth.
	5250-5350 MHz (U-NII)	$N = 52$ to $64$ with step of $4$ for the $20 \text{ MHz}$ channel bandwidth. $N = 54$ to $62$ with step of $4$ for the $40 \text{ MHz}$ channel bandwidth. $N = 58$ for the $80 \text{ MHz}$ channel bandwidth.
	5470-5600 MHz (U-NII)	$N = 100$ to $116$ with step of $4$ for the $20 \text{ MHz}$ channel bandwidth. $N = 102$ to $110$ with step of $4$ for the $40 \text{ MHz}$ channel bandwidth. $N = 106$ for the $80 \text{ MHz}$ channel bandwidth.
	5650-5725 MHz (U-NII)	$N = 132$ to $140$ with step of $4$ for the $20 \text{ MHz}$ channel bandwidth. $N = 134$ for the $40 \text{ MHz}$ channel bandwidth.
	5725-5850 MHz (U-NII)	$N = 149$ to $165$ with step of $4$ for the $20 \text{ MHz}$ channel bandwidth. $N = 151$ to $159$ with step of $4$ for the $40 \text{ MHz}$ channel bandwidth. $N = 155$ for the $80 \text{ MHz}$ channel bandwidth.
Modulation Type	BPSK/QPSK/16QAM/64QAM (OFDM).	
Emission Designator	U-NII(5150-5250, 5250-5350, 5470-5725,)	21M9G7D (for 802.11a mod), 22M1G7D (for 802.11n 20 MHz mode), 40M7G7D (for 802.11n 40 MHz mode), 22M2G7D (for 802.11ac 20 MHz mode) 40M6G7D (for 802.11ac 40 MHz mode) 82M6G7D (for 802.11ac 80 MHz mode)
	U-NII(5725-5850)	16M4G7D (for 802.11a mod), 17M6G7D (for 802.11n 20 MHz mode), 36M3G7D (for 802.11n 40 MHz mode), 17M6G7D (for 802.11ac 20 MHz mode) 35M8G7D (for 802.11ac 40 MHz mode)



Characteristics	Description		
		75M3G7D (for 802.11ac 80 MHz mode)	
TPC	<input type="checkbox"/> Supported, <input checked="" type="checkbox"/> Not Supported		
Antenna	Type	<input type="checkbox"/> External, <input checked="" type="checkbox"/> Integrated	
	Ports	<input checked="" type="checkbox"/> Ant 1, <input type="checkbox"/> Ant 2, <input type="checkbox"/> Ant 3, <input type="checkbox"/> Ant 4	
	Smart System	<input checked="" type="checkbox"/> SISO (for 802.11a/n/ac), <input type="checkbox"/> MIMO (for 802.11n/ac), <input type="checkbox"/> Diversity (for 802.11a) : Tx & Rx	
	Gain	0.7 dBi (per antenna port, max.)	
	Remark	When the EUT is put into service, the practical maximum antenna gain should NOT exceed the value as described above.	
Power Supply	Type	<input checked="" type="checkbox"/> AC/DC Adapter	<input type="checkbox"/> PoE: <input type="checkbox"/> Other:



## 4 General Test Conditions / Configurations

### 4.1 Test Modes

NOTE: Worst cases for each IEEE 802.11 mode are selected to perform tests.

Test Mode	Test Modes Description
11A	IEEE 802.11a with data rate of 6 Mbps using SISO mode.
11N20	IEEE 802.11n with data rate of MCS0 and bandwidth of 20 MHz using SISO mode.
11N40	IEEE 802.11n with data rate of MCS0 and bandwidth of 40 MHz using SISO mode.
11AC20	IEEE 802.11ac with data rate of MCS0 and bandwidth of 20 MHz using SISO mode.
11AC40	IEEE 802.11ac with data rate of MCS0 and bandwidth of 40 MHz using SISO mode.
11AC80	IEEE 802.11ac with data rate of MCS0 and bandwidth of 80 MHz using SISO mode.

### 4.2 EUT Configurations

#### 4.2.1 General Configurations

Configuration	Description
Test Antenna Ports	Until otherwise specified, <ul style="list-style-type: none"> <li>All TX tests are performed at all TX antenna ports of the EUT, and</li> <li>All RX tests are performed at all RX antenna ports of the EUT.</li> </ul>
Multiple RF Sources	Other than the tested RF source of the EUT, other RF source(s) are disabled or shutdown during measurements.

#### 4.2.2 Customized Configurations

##### 4.2.2.1 U-NII

Test Mode	Antenna Port	TX Freq. [MHz]	RX Freq. [MHz]	Power Conf., per Port	Duty Cycle
11A	Ant 1	5180 (Ch.36)	---	14.5	93%
11A	Ant 1	5240 (Ch.48)	---	14.5	93%
11A	Ant 1	5260 (Ch.52)	---	14.5	93%
11A	Ant 1	5320 (Ch.64)	---	14.5	93%
11A	Ant 1	5500(Ch.100)	---	12.5	93%
11A	Ant 1	5700 (Ch.140)	---	12.5	93%
11A	Ant 1	5475 (Ch.149)	---	14	93%
11A	Ant 1	5825 (Ch.165)	---	14	93%
11N20	Ant 1	5180 (Ch.36)	---	13.5	93%



Test Mode	Antenna Port	TX Freq. [MHz]	RX Freq. [MHz]	Power Conf., per Port	Duty Cycle
11N20	Ant 1	5240 (Ch.48)	---	13.5	93%
11N20	Ant 1	5260 (Ch.52)	---	13.5	93%
11N20	Ant 1	5320 (Ch.64)	---	13.5	93%
11N20	Ant 1	5500(Ch.100)	---	12.5	93%
11N20	Ant 1	5700 (Ch.140)	---	12.5	93%
11N20	Ant 1	5475 (Ch.149)	---	13.5	93%
11N20	Ant 1	5825 (Ch.165)	---	13.5	93%
11N40	Ant 1	5190 (Ch.38)	---	12	87%
11N40	Ant 1	5230 (Ch.46)	---	12	87%
11N40	Ant 1	5270 (Ch.54)	---	12	87%
11N40	Ant 1	5310 (Ch.62)	---	12	87%
11N40	Ant 1	5510 (Ch.102)	---	12	87%
11N40	Ant 1	5670 (Ch.134)	---	12	87%
11N40	Ant 1	5755 (Ch.151)	---	12	87%
11N40	Ant 1	5795 (Ch.159)	---	12	87%
11AC20	Ant 1	5180 (Ch.36)	---	13	93%
11AC20	Ant 1	5240 (Ch.48)	---	13	93%
11AC20	Ant 1	5260 (Ch.52)	---	13	93%
11AC20	Ant 1	5320 (Ch.64)	---	13	93%
11AC20	Ant 1	5500(Ch.100)	---	13	93%
11AC20	Ant 1	5700 (Ch.140)	---	13	93%
11AC20	Ant 1	5475 (Ch.149)	---	13	93%
11AC20	Ant 1	5825 (Ch.165)	---	13	93%
11AC40	Ant 1	5190 (Ch.38)	---	12	93%
11AC40	Ant 1	5230 (Ch.46)	---	12	93%
11AC40	Ant 1	5270 (Ch.54)	---	12	93%
11AC40	Ant 1	5310 (Ch.62)	---	12	93%
11AC40	Ant 1	5510 (Ch.102)	---	12	93%
11AC40	Ant 1	5670 (Ch.134)	---	12	93%
11AC40	Ant 1	5755 (Ch.151)	---	12	93%
11AC40	Ant 1	5795 (Ch.159)	---	12	93%
11AC80	Ant 1	5210(Ch.42)	---	11	86%
11AC80	Ant 1	5290(Ch.58)	---	11	86%
11AC80	Ant 1	5530(Ch.106)	---	11	86%
11AC80	Ant 1	5775(Ch.155)	---	11	86%

### 4.3 Test Environments

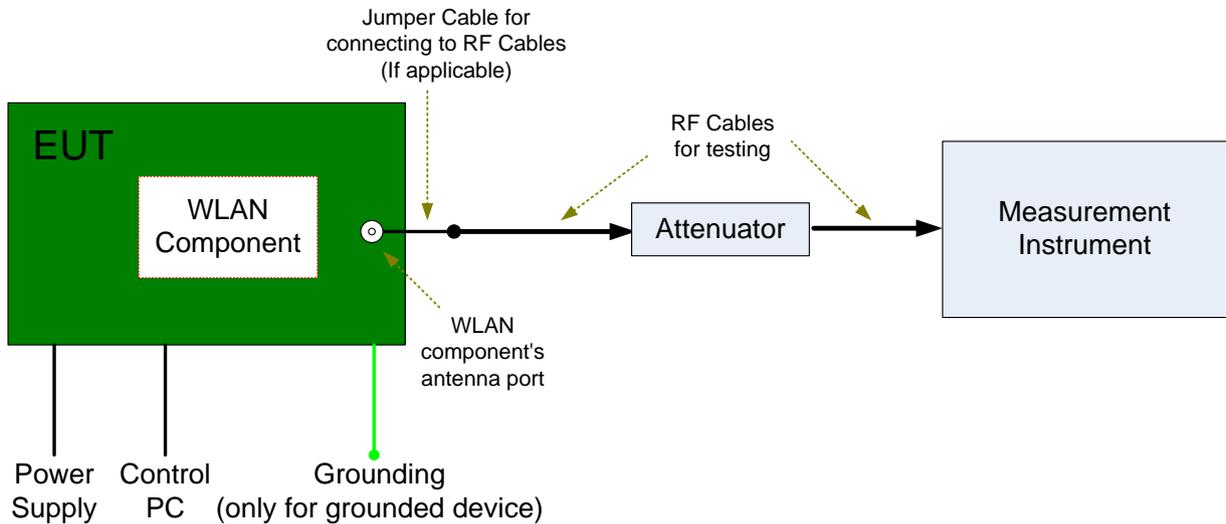
Environment Parameter	Selected Values During Tests	
Relative Humidity	Ambient	
Temperature	TN	Ambient
Voltage	VL	3.5V
	VN	3.8V
	VH	4.35V

NOTE: VL= lower extreme test voltage  
 VN= nominal voltage  
 VH= upper extreme test voltage  
 TN= normal temperature

### 4.4 Test Setups

#### 4.4.1 Test Setup 1

The WLAN component's antenna ports(s) of the EUT are connected to the measurement instrument per an appropriate attenuator. The EUT is controlled by PC/software to emit the specified signals for the purpose of measurements.





## 4.5 Test Conditions

### 4.5.1 U-NII

Test Case	Test Conditions		
	Configuration	Description	
Emission Bandwidth (EBW)	Meas. Method	FCC KDB 789033 §C).	
	Test Env.	NTNV	
	Test Setup	Test Setup 1	
	EUT Conf.	All EUT conf. with Tx modes.	
Occupied Bandwidth (OBW)	Meas. Method	FCC KDB 789033 §D).	
	Test Env.	NTNV	
	Test Setup	Test Setup 1	
	EUT Conf.	All EUT conf. with Tx modes.	
Maximum Conducted Output Power	Meas. Method	FCC KDB 789033 §E)2)b) Method SA-1 and d) Method SA-2.	
	Test Env.	NTNV	
	Test Setup	Test Setup 1	
	EUT Conf.	All EUT conf. with Tx modes.	
Peak Power Spectral Density	Meas. Method	FCC KDB 789033 §F).	
	Test Env.	NTNV	
	Test Setup	Test Setup 1	
	EUT Conf.	All EUT conf. with Tx modes.	
Unwanted Emissions (Cond.)	Meas. Method	FCC KDB 789033 §G), Conducted (antenna-port).  NOTE: Antenna-port conducted measurements (Cond.) are acceptable as an alternative to radiated measurements (Rad.) for demonstrating compliance to the limits in the restricted frequency bands. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test (Rad-a) for cabinet/case emissions will also be required.	
	Test Env.	NTNV	
	Test Setup	Test Setup 1	
	EUT Conf.	5150-5250	All EUT Test Mode 20 MHz bandwidth: Ch.36, Ch.48 40 MHz bandwidth: Ch.38, Ch.46 80 MHz bandwidth: Ch.42
		5250-5350	All EUT Test Mode 20 MHz bandwidth: Ch.52, Ch.64 40 MHz bandwidth: Ch.54, Ch.62 80 MHz bandwidth: Ch.58
5470-5725		All EUT Test Mode 20 MHz bandwidth: Ch.100, Ch.140 40 MHz bandwidth: Ch.102, Ch.134	



Test Case	Test Conditions	
	Configuration	Description
		80 MHz bandwidth: Ch.106
		5725-5850 All EUT Test Mode 20 MHz bandwidth: Ch.149, Ch.165 40 MHz bandwidth: Ch.151, Ch.159 80 MHz bandwidth: Ch.155
Frequency Stability	Meas. Method	15.407(g) Frequency Stability
	Test Env.	(1)VL, VN and VH of Rated Voltage at Ambient Climate. (2) -5 °C,5°C,15°C,-25°C,35°C,45°C,50°C
	Test Setup	Test Setup 1
	EUT Conf.	Ch.36,Ch.165



## 5 Main Test Instruments

NOTE: Unless otherwise specified, the calibration intervals for test instruments were Annual (per year). The other intervals, if applicable, are marked with (##y), which denotes ## years calibration interval.

Equipment Name	Manufacturer	Model	Serial Number	Cal Date	Cal- Due
Power supply	KEITHLEY	2303	1342889	2015-09-16	2017-09-15
Wireless Communication Test set	Agilent	N4010A	MY49081592	2015-10-30	2016-10-29
Universal Radio Communication Tester	R&S	CMU200	123299	2015-10-30	2016-10-29
Spectrum Analyzer	Agilent	N9020A	MY52090652	2015-07-08	2016-07-07
Universal Radio Communication Tester	R & S	CMW500	126854	2016-01-08	2017-01-07
Spectrum Analyzer	Agilent	E4440A	MY48250119	2015-07-08	2016-07-07
Signal Analyzer	R&S	FSQ31	200021	2015-10-30	2016-10-29
Spectrum Analyzer	Agilent	N9030A	MY49431698	2015-10-30	2016-10-29
Temperature Chamber	WEISS	WKL64	56246002940010	2016-01-21	2017-01-20
Signal generator	Agilent	E8257D	MY49281095	2015-10-30	2016-10-29
Vector Signal Generator	R&S	SMU200A	104162	2015-10-30	2016-10-29
Test receiver	R&S	ESU26	100387	2015-6-24	2016-06-23
Test receiver	R&S	ESCI	101163	2015-6-24	2016-06-23
Spectrum analyzer	R&S	FSU3	200474	2015-06-15	2016-06-14
Spectrum analyzer	R&S	FSU43	100144	2015-06-15	2016-06-14
LOOP Antennas(9kHz-30MHz)	R&S	HFH2-Z2	100262	2015-4-30	2017-4-29
LOOP Antennas(9kHz-30MHz)	R&S	HFH2-Z2	100263	2015-4-30	2017-4-29
Trilog Broadband Antenna (30M~3GHz)	SCHWARZBECK	VULB 9163	9163-490	2015-4-30	2017-4-29
Trilog Broadband Antenna (30M~3GHz)	SCHWARZBECK	VULB 9163	9163-520	2015-4-30	2017-4-29
Double-Ridged Waveguide Horn Antenna (1G~18GHz)	R&S	HF907	100304	2015-4-30	2017-4-29
double ridged horn antenna (0.8G-18GHz)	R&S	HF907	100305	2015-4-30	2017-4-29
Pyramidal Horn Antenna(18GHz-26.5GHz)	ETS-Lindgren	3160-09	5140299	2015-7-15	2017-7-14
Artificial Main Network	R&S	ENV4200	100134	2015-6-24	2016-6-23
Line Impedance	R&S	ENV216	100382	2015-6-24	2016-6-23



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Equipment Name	Manufacturer	Model	Serial Number	Cal Date	Cal- Due
Stabilization Network					
Signal Generator	Agilent	E4438C	MY49071538	2015-03-10	2016-03-09
Power Detecting & Sampling Unit	R&S	OSP-B157	100914	2015-07-27	2016-07-26

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END