RF TEST REPORT

Report No.: Q181227S004-FCC-R2

Supersede Report No.: N/A

Applicant	REMOTE SOLUTION.CO,.LTD
Product Name	REMOTE CONTROL UNIT
Main Model	RC96A
Serial Model	RC96XBB (X stands for A~Z, BB stands for 00~99)
Test Standard	FCC Part 15.249; ANSI C63.10: 2013
Test Date	January 15&February 13, 2019
Issue Date	February 13, 2019
Test Result	☑ Pass ☐ Fail
Equipment complied with the specification	☑
Equipment did not comply with the specification	☐

Aaron Liang	David Huang	
Aaron Liang Test Engineer	David Huang Checked By	

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Test result presented in this test report is applicable to the tested sample only

Issued by:

SIEMIC (SHENZHEN-CHINA) LABORATORIES

Zone A, Floor 1, Building 2 Wan Ye Long Technology Park

South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong China 518108

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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
Q181227S004-FCC-R2	NONE	Original	February 13, 2019

2. Customer information

Applicant Name	REMOTE SOLUTION.CO,.LTD
Applicant Add	326-14,APO-DAERO, NAM-MYEON, GIMCHEON CITY, GYEONGSANGBUK-DO,KOREA
Manufacturer	REMOTE SOLUTION.CO,.LTD
Manufacturer Add	326-14,APO-DAERO, NAM-MYEON, GIMCHEON CITY, GYEONGSANGBUK-DO,KOREA

3. Test site information

Test Lab A:

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.	535293
IC Test Site No.	4842E-1
Test Software	Radiated Emission Program-To Shenzhen v2.0

Test Lab B:

Lab performing tests	Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch Laboratories
Lab Address	No. 34, Chenwulu Section, Guantai Rd., Houjie Town, Dongguan City, Guangdong 523942, China
FCC Test Site No.	749762
IC Test Site No.	5936A-1
Test Software	ADT_Radiated_V7.6.15.9.2

Note: We just perform Radiated Spurious Emission above 18GHz in the test Lab. B.

4. Equipment under Test (EUT) Information

Description of EUT:	REMOTE CONTROL UNIT
Main Model:	RC96A
Serial Model:	RC96XBB (X stands for A~Z, BB stands for 00~99)
Date EUT received:	January 08, 2019
Test Date(s):	January 15&February 13, 2019
Antenna Gain:	0dBi
Antenna Type:	Pattern antenna
Power:	94.61dBuV/m
Type of Modulation:	RF4CE: O-QPSK
RF Operating Frequency (ies):	RF4CE: 2425-2475MHz
Number of Channels:	RF4CE: 11CH
Input Power:	**Battery:** Spec: DC 3V
Port:	Please refer to the user’ s manual
Trade Name :	N/A
FCC ID:	TX4RC96A

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
§15.203	Antenna Requirement	Compliance
§15.207(a)	AC Line Conducted Emissions	N/A
§15.205, §15.209, §15.249(a), §15.249(d)	Radiated Fundamental / Radiated Spurious Emissions	Compliance
§15.249(a)	Field Strength Measurement	Compliance
§15.249©	20 dB Bandwidth	Compliance
§15.249(d)	Band Edge	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 Antenna Requirement

Standard Requirement:

According to § 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the user of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

a. Antenna must be permanently attached to the unit.
b. Antenna must use a unique type of connector to attach to the EUT.
c. Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

Antenna Connector Construction

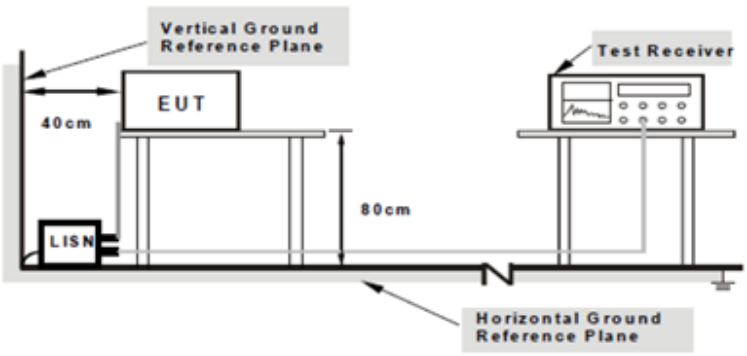
The EUT has 2 antenna:

A permanently attached Pattern/Chip antenna for BLE/RF4CE., the gain is -1.6dBi for BLE, the gain is 0dBi for RF4CE.

Test Result: Pass

6.2 AC Line Conducted Emissions

Temperature	-----
Relative Humidity	-----
Atmospheric Pressure	-----
Test date :	-----
Tested By :	-----

<table>
<tr><th>Spec</th><th>Item</th><th>Requirement</th><th>Applicable</th></tr>
<tr><td>§15.207</td><td>a)</td><td>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></td><td>☐</td></tr>
<tr><td>Test Setup</td><td colspan="3"> 

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.</td></tr>
<tr><td>Procedure</td><td colspan="3">1. 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.
2. The power supply for the EUT was fed through a 50W/50mH EUT LISN, connected to filtered mains.
3. The RF OUT of the EUT LISN was connected to the EMI test receiver via a low-loss coaxial cable.</td></tr>
</table>

	4. All other supporting equipment were powered separately from another main supply. 5. The EUT was switched on and allowed to warm up to its normal operating condition. 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. 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. 8. Step 7 was then repeated for the LIVE line (for AC mains) or DC line (for DC power).
Remark	**The EUT is powered by battery.**
Result	☐ Pass ☐ Fail ☑ N/A

Test Data ☐ Yes ☑ N/A

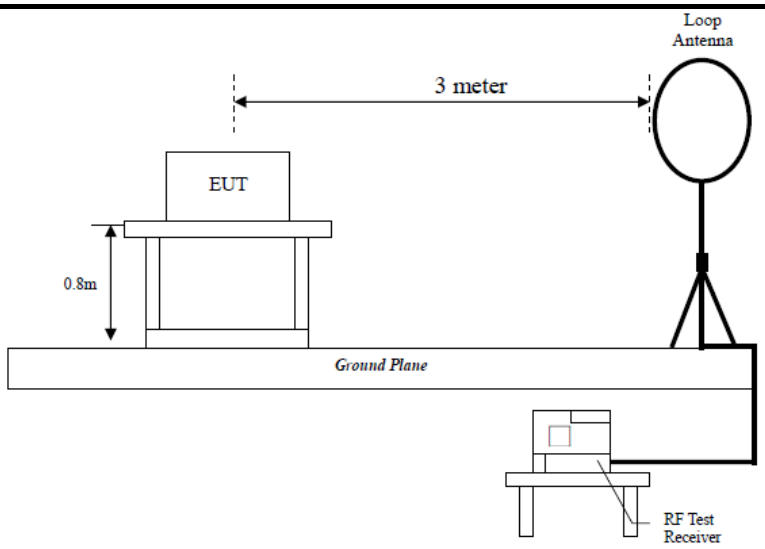
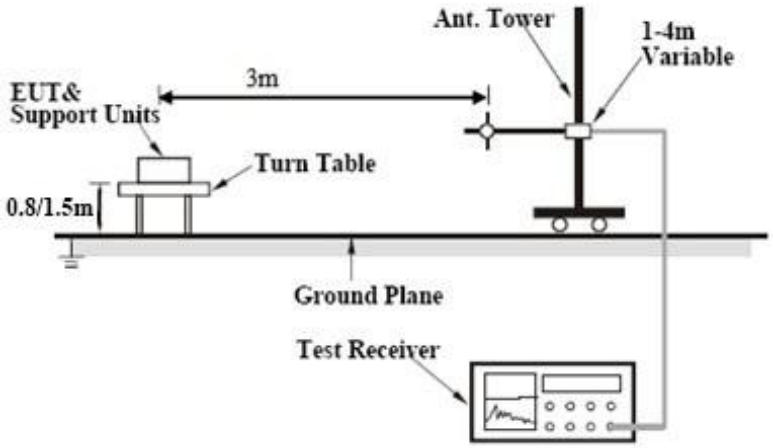
Test Plot ☐ Yes (See below) ☑ N/A

6.3 Radiated Spurious Emissions

Temperature	26℃
Relative Humidity	55%
Atmospheric Pressure	1016mbar
Test date :	January 15, 2019
Tested By :	Aaron Liang

Requirement(s):

<table>
<tr><th>Spec</th><th>Requirement</th><th>Applicable</th></tr>
<tr><td>§15.209, §15.205, §15.249(a) & §15.249(d)</td><td>
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.
The field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:
<table>
<tr><th>Fundamental frequency</th><th>Field strength of fundamental (millivolts/meter)</th><th>Field strength of harmonics (microvolts/meter)</th></tr>
<tr><td>902– 928 MHz</td><td>50</td><td>500</td></tr>
<tr><td>2400– 2483.5 MHz</td><td>50</td><td>500</td></tr>
<tr><td>5725– 5875 MHz</td><td>50</td><td>500</td></tr>
<tr><td>24.0– 24.25 GHz</td><td>250</td><td>2500</td></tr>
</table>
(d) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in §15.209, whichever is the lesser attenuation.
<table>
<tr><th>Frequency range (MHz)</th><th>Field Strength (μV/m)</th></tr>
<tr><td>0.009~0.490</td><td>2400/F(KHz)</td></tr>
<tr><td>0.490~1.705</td><td>24000/F(KHz)</td></tr>
<tr><td>1.705~30.0</td><td>30</td></tr>
<tr><td>30 – 88</td><td>100</td></tr>
<tr><td>88 – 216</td><td>150</td></tr>
<tr><td>216 960</td><td>200</td></tr>
<tr><td>Above 960</td><td>500</td></tr>
</table>
</td><td>☑</td></tr>
</table>

Test Setup	 
Procedure	- Setup the configuration according to figure 1. Turn on EUT and make sure that it is in normal function - For emission frequencies measured below 1GHz, a pre-scan is performed in a shielded chamber to determine the accurate frequencies of higher emissions will be checked on a open test site. As the same purpose, for emission frequencies measured above 1GHZ, a pre-scan also be performed with a meter measuring distance before final test. - For emission frequencies measured below and above 1GHz, set the spectrum analyzer on a 100kHz and 1MHz resolution bandwidth respectively for each frequency measured in step 2. - The search antenna is to be raised and lowered over a range from 1 to 4m in horizontally polarized orientation. Position the highness when the highest value is indicated on spectrum analyzer, the change the orientation of EUT on the test table over a range from 0 to 360°. With a speed as slow as possible, and keep the azimuth that highest emission is indicated on the spectrum analyzer.

	Vary the antenna position again and record the highest value as a final reading. - Repeat step 4 until all frequencies need to be measured was complete. - Repeat step5 with search antenna in vertical polarized orientations.
Remark	
Result	☑ Pass ☐ Fail

Test Data ☑ Yes ☐ N/A

Test Plot ☑ Yes (See below) ☐ N/A

Test Result (worst case):

Test Mode:	Transmitting Mode

Frequency range: 9KHz - 30MHz

Freq. (MHz)	Detection value	Factor (dB/m)	Reading (dBuV/m)	Result (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)
--	--	--	--	--	--	>20
--	--	--	--	--	--	>20

Note:

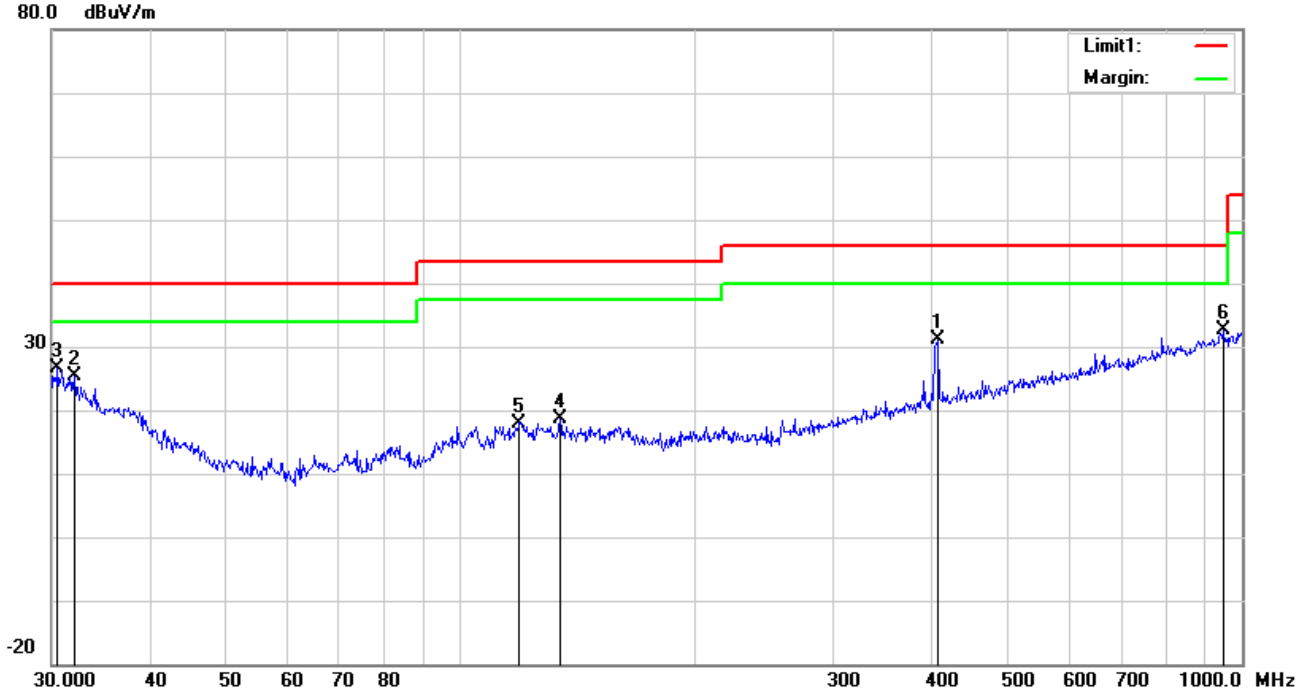
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor =40 log (specific distance/test distance)(dB);

Limit line = specific limits(dBuv) + distance extrapolation factor.

Test Model :	RF4CE

(Below 1GHz)

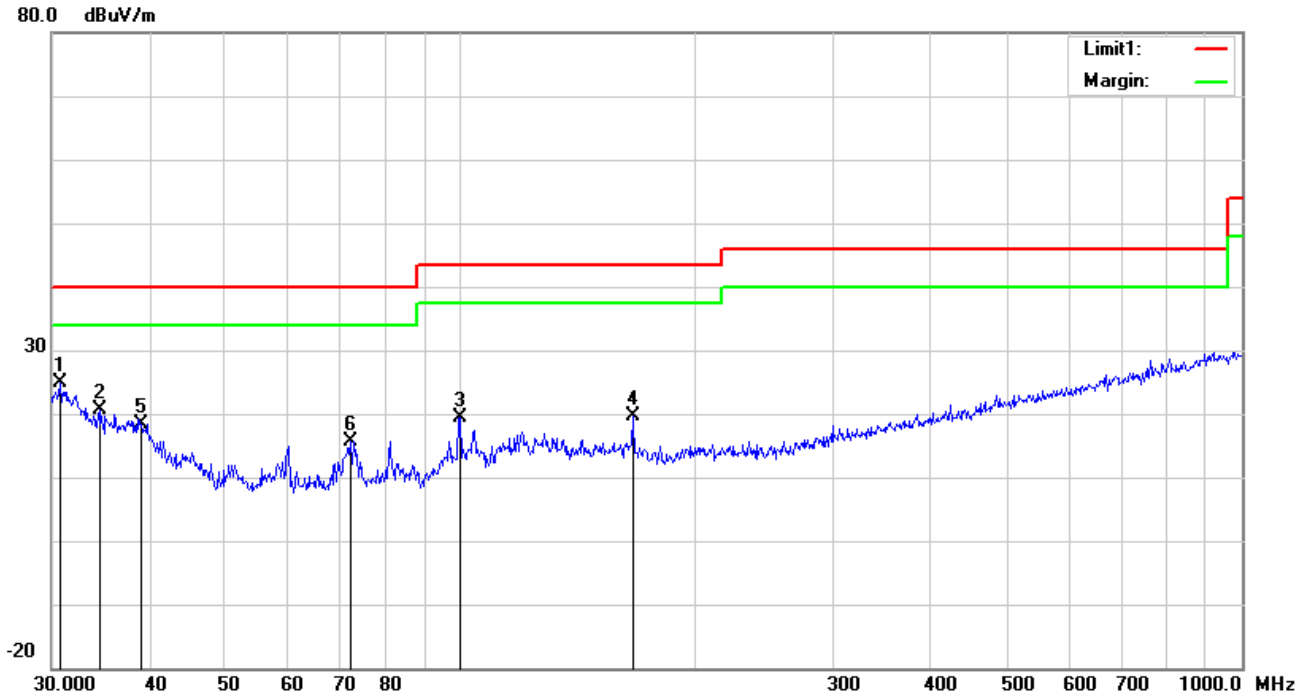


Test Data

Horizontal Polarity Plot @3m

No.	P/L	Frequency	Reading	Ant_F	PA_G	Cab_L	Result	Limit	Margin	Height	Degree
		(MHz)	(dBuV/m)	(dB/m)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(°)
1	H	408.9460	35.12	15.88	21.99	2.03	31.04	46.00	-14.96	100	345
2	H	32.0668	27.23	19.81	22.27	0.68	25.45	40.00	-14.55	200	314
3	H	30.5306	27.32	20.99	22.28	0.63	26.66	40.00	-13.34	100	212
4	H	134.0882	26.84	12.98	22.40	1.23	18.65	43.50	-24.85	100	80
5	H	119.0180	25.47	13.73	22.36	1.16	18.00	43.50	-25.50	100	264
6	H	945.4399	27.58	22.73	20.79	3.16	32.68	46.00	-13.32	100	168

(Below 1GHz)



Test Data

Vertical Polarity Plot @3m

No.	P/L	Frequency	Reading	Ant_F	PA_G	Cab_L	Result	Limit	Margin	Height	Degree
		(MHz)	(dBuV/m)	(dB/m)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(°)
1	V	30.7455	25.61	20.83	22.28	0.64	24.80	40.00	-15.20	100	297
2	V	34.6385	24.26	17.83	22.25	0.75	20.59	40.00	-19.41	100	259
3	V	99.8777	30.31	10.37	22.32	1.12	19.48	43.50	-24.02	100	54
4	V	166.0680	28.30	12.11	22.26	1.37	19.52	43.50	-23.98	100	115
5	V	39.0245	25.17	14.61	22.27	0.78	18.29	40.00	-21.71	100	313
6	V	72.3376	29.37	7.75	22.39	0.97	15.70	40.00	-24.30	100	283

Above 1GHz

Test Mode:	Transmitting Mode

Low Channel (2425 MHz)

Frequency (MHz)	S.A. Reading (dBµV)	Detector (PK/AV)	Polarity (H/V)	Ant. Factor (dB/m)	Cable Loss (dB)	Pre-Amp. Gain (dB)	Cord. Amp. (dBµV/m)	Limit (dBµV/m)	Margin (dB)
4850	42.14	AV	V	33.33	7.12	48.32	34.27	54	-19.73
4850	46.24	AV	H	33.33	7.12	48.32	38.37	54	-15.63
4850	67.32	PK	V	33.33	7.12	48.32	59.45	74	-14.55
4850	65.15	PK	H	33.33	7.12	48.32	57.28	74	-16.72
10681	32.02	AV	V	38.79	10.66	47.55	33.92	54	-20.08
10681	36.94	AV	H	38.79	10.66	47.55	38.84	54	-15.16
10681	57.29	PK	V	38.79	10.66	47.55	59.19	74	-14.81
10681	58.22	PK	H	38.79	10.66	47.55	60.12	74	-13.88

Middle Channel (2450MHz)

Frequency (MHz)	S.A. Reading (dBµV)	Detector (PK/AV)	Polarity (H/V)	Ant. Factor (dB/m)	Cable Loss (dB)	Pre-Amp. Gain (dB)	Cord. Amp. (dBµV/m)	Limit (dBµV/m)	Margin (dB)
4900	48.55	AV	V	33.62	7.53	48.36	41.34	54	-12.66
4900	46.68	AV	H	33.62	7.53	48.36	39.47	54	-14.53
4900	65.35	PK	V	33.62	7.53	48.36	58.14	74	-15.86
4900	63.12	PK	H	33.62	7.53	48.36	55.91	74	-18.09
7241	46.42	AV	V	37.66	7.8	48.33	43.55	54	-10.45
7241	44.7	AV	H	37.66	7.8	48.33	41.83	54	-12.17
7241	63.32	PK	V	37.66	7.8	48.33	60.45	74	-13.55
7241	61.84	PK	H	37.66	7.8	48.33	58.97	74	-15.03

High Channel (2475 MHz)

Frequency (MHz)	S.A. Reading (dBμV)	Detector (PK/AV)	Polarity (H/V)	Ant. Factor (dB/m)	Cable Loss (dB)	Pre-Amp. Gain (dB)	Cord. Amp. (dBμV/m)	Limit (dBμV/m)	Margin (dB)
4950	47.15	AV	V	33.52	7.94	48.61	40	54	-14
4950	49.35	AV	H	33.52	7.94	48.61	42.2	54	-11.8
4950	65.68	PK	V	33.52	7.94	48.61	58.53	74	-15.47
4950	65.57	PK	H	33.52	7.94	48.61	58.42	74	-15.58
17847	20.51	AV	V	42.85	20.16	44.38	39.14	54	-14.86
17847	17.85	AV	H	42.85	20.16	44.38	36.48	54	-17.52
17847	42.39	PK	V	42.85	20.16	44.38	61.02	74	-12.98
17847	38.94	PK	H	42.85	20.16	44.38	57.57	74	-16.43

Note:

*1, The testing has been conformed to 10*2475MHz=24,750MHz*

2, All other emissions more than 30 dB below the limit

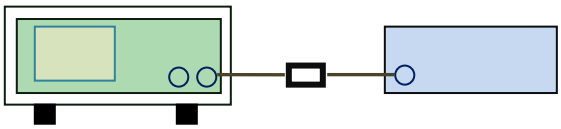
3, X-Axis, Y-Axis and Z-Axis were investigated. The results above show only the worst case.

4, The radiated spurious test above 18GHz is subcontracted to Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch Laboratories and found 30dB below the limit at least.

6.4 Field Strength Measurement

Temperature	24℃
Relative Humidity	55%
Atmospheric Pressure	1017mbar
Test date :	February 13, 2019
Tested By :	Aaron Liang

Requirement(s):

Spec	Requirement	Applicable
§15.249(a)	Fundamental frequency / Field strength of fundamental (millivolts/meter) / Field strength of harmonics (microvolts/meter) 902–928 MHz ..... 50 500 2400–2483.5 MHz ..... 50 500 5725–5875 MHz ..... 50 500 24.0–24.25 GHz 250 2500	☑
Test Setup		
Test Procedure	Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in § 15.209, whichever is the lesser attenuation.	
Remark		
Result	☑ Pass ☐ Fail	

Test Data ☑ Yes ☐ N/A

Test Plot ☑ Yes (See below) ☐ N/A

Test Mode:	Normal Working Mode

Field Strength Measurement

2425MHz

Frequency (MHz)	Polarity (H/V)	Field Strength(PK) (dBuV/m)	Field Strength(AV) (dBuV/m)	Limit(PK) (dBuV/m)	Limit(AV) (dBuV/m)	Margin(PK) (dB)	Margin(AV) (dB)
2425	H	94.32	91.84	114	94	-19.68	-2.16
2425	V	87.78	85.12	114	94	-26.22	-8.88

2450MHz

Frequency (MHz)	Polarity (H/V)	Field Strength(PK) (dBuV/m)	Field Strength(AV) (dBuV/m)	Limit(PK) (dBuV/m)	Limit(AV) (dBuV/m)	Margin(PK) (dB)	Margin(AV) (dB)
2450	H	93.14	91.51	114	94	-20.86	-2.49
2450	V	88.34	86.54	114	94	-25.66	-7.46

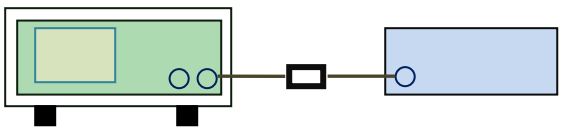
2475MHz

Frequency (MHz)	Polarity (H/V)	Field Strength(PK) (dBuV/m)	Field Strength(AV) (dBuV/m)	Limit(PK) (dBuV/m)	Limit(AV) (dBuV/m)	Margin(PK) (dB)	Margin(AV) (dB)
2475	H	94.61	91.62	114	94	-19.39	-2.38
2475	V	86.48	85.31	114	94	-27.52	-8.69

6.5 20dB Bandwidth Testing

Temperature	24℃
Relative Humidity	55%
Atmospheric Pressure	1017mbar
Test date :	February 13, 2019
Tested By :	Aaron Liang

Requirement(s):

Spec	Item	Requirement	Applicable
§15.215(c)	a)	Radiated Emissions Measurement Uncertainty All test measurements carried out are traceable to national standards. The uncertainty of the measurement at a confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2, in the range 30MHz – 1GHz (3m & 10m) & 1GHz above (3m) is +5.6/-4.5dB.	☑
Test Setup			
Test Procedure	- -Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator. - Position the EUT on the test table without connection to measurement instrument. Turn on the EUT. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value. - Measure the frequency difference of two frequencies that were attenuated 20 dB from the reference level. Record the frequency difference as the emission bandwidth. - Repeat above procedures until all frequencies measured were complete.		

Remark	
Result	☑ Pass ☐ Fail

Test Data ☑ Yes ☐ N/A

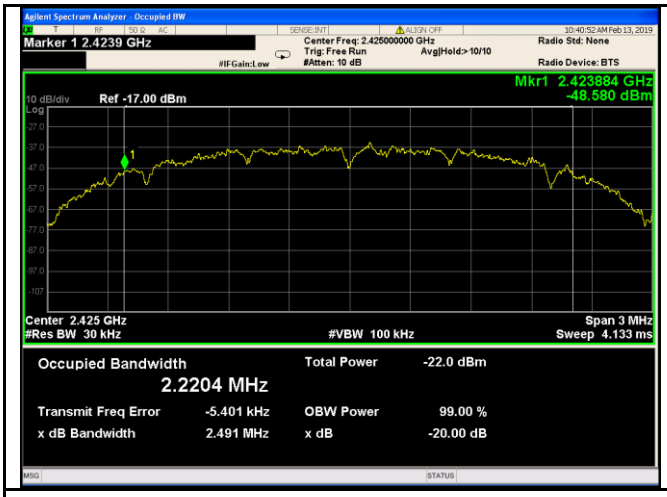
Test Plot ☑ Yes (See below) ☐ N/A

20dB Bandwidth measurement result

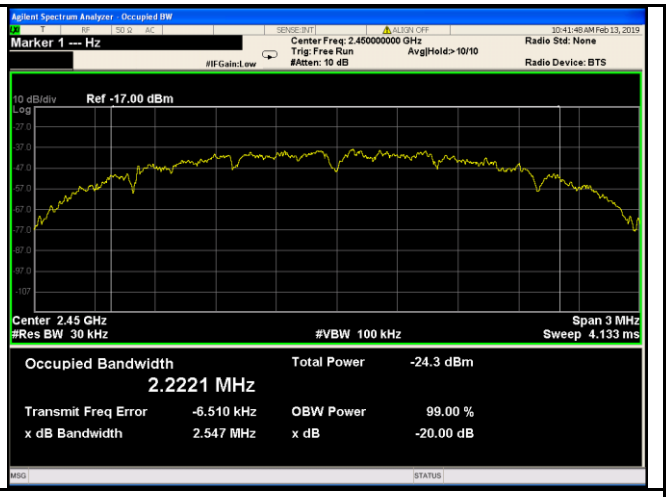
CH	Fundamental Frequency (MHz)	20dB Bandwidth (MHz)	Result
Low	2425	2.491	Pass
Middle	2450	2.547	Pass
High	2475	2.523	Pass

Test Plots

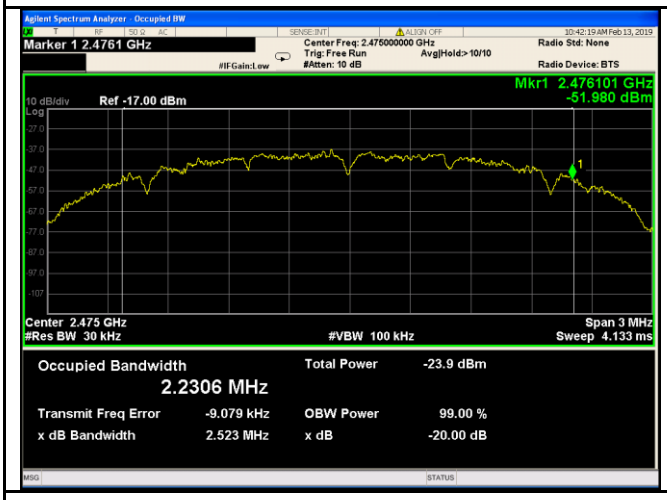
20dB Bandwidth measurement result



20dB Bandwidth – Low CH 2425



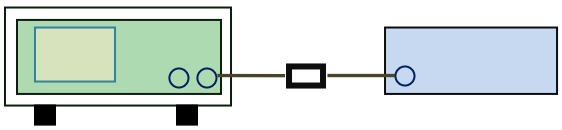
20dB Bandwidth - Middle CH 2450



20dB Bandwidth – High CH 2475

6.6 Band Edge

Temperature	26℃
Relative Humidity	55%
Atmospheric Pressure	1016mbar
Test date :	January 15, 2019
Tested By :	Aaron Liang

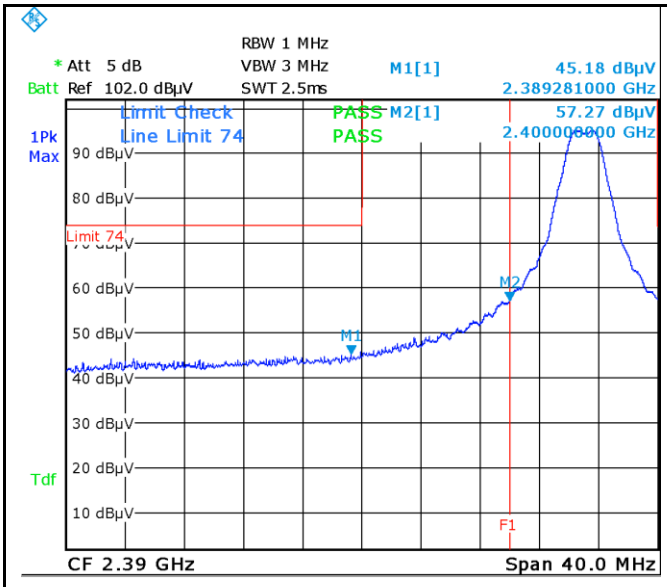
Spec	Item	Requirement	Applicable
§15.249(d)	a)	Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in §15.209, whichever is the lesser attenuation.	☑
Test Setup			
Test Procedure	- Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator. - Position the EUT without connection to measurement instrument. Put it on the Rotated table and turn on the EUT and make it operate in transmitting mode. Then set it to Low Channel and High Channel within its operating range, and make sure the instrument is operated in its linear range. - Set both RBW and VBW of spectrum analyzer to 1MHz. - Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency. - Repeat above procedures until all measured frequencies were complete.	
Remark			
Result	☑ Pass ☐ Fail		

Test Data ☑ Yes ☐ N/A

Test Plot ☑ Yes (See below) ☐ N/A

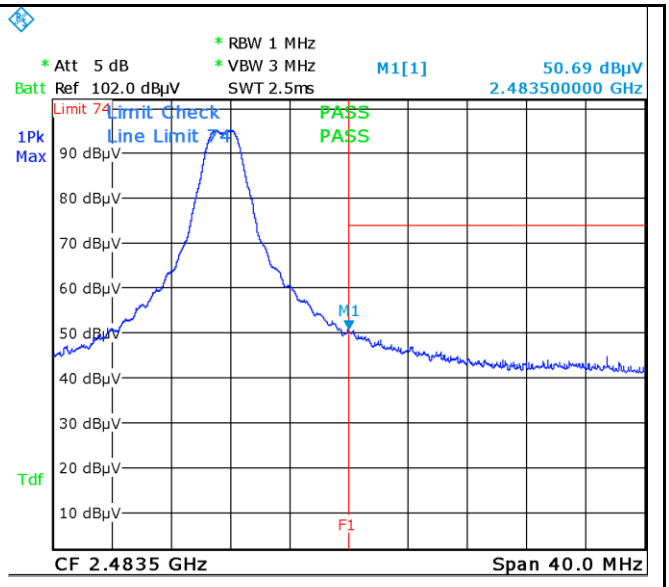
Test Plots

Band Edge measurement result (worst case)



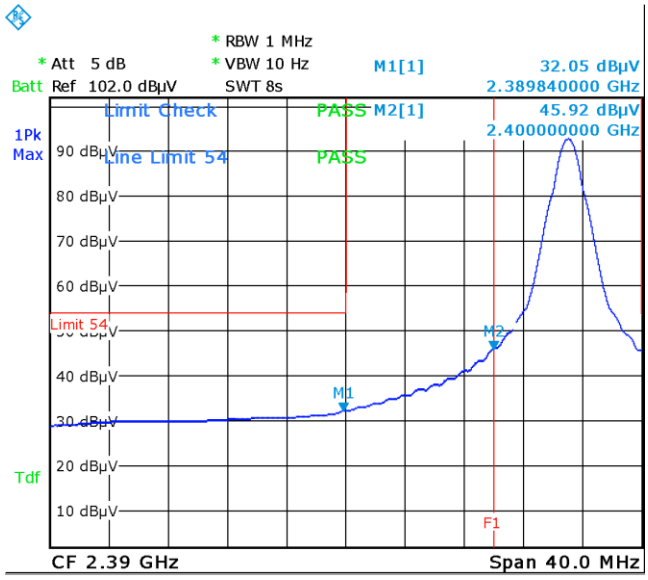
Band Edge, Left Side (Peak)

Note: F1 is frequency 2390MHz; F2 is frequency 2400MHz



Band Edge, Right Side (Peak)

Note: F1 is frequency 2483.5MHz



Band Edge, Left Side-AV

Note: (no need if PK value less than the AV limit)

Band Edge, Right Side-AV

Note: Both Horizontal and vertical polarities were investigated.

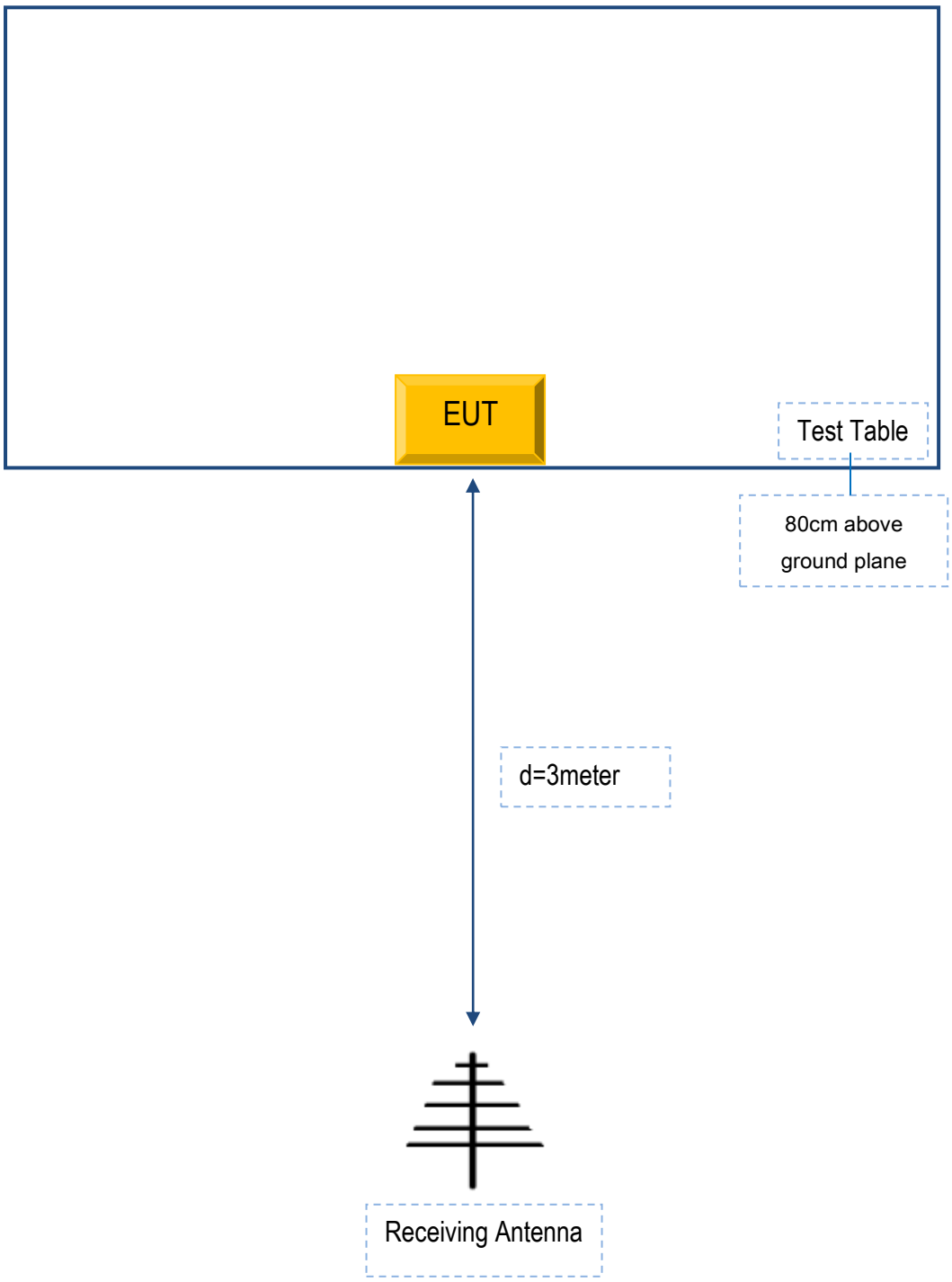
Annex A. TEST INSTRUMENT

Instrument	Model	Serial #	Cal Date	Cal Due
AC Line Conducted Emissions				
EMI test receiver	ESCS30	8471241027	01/04/2019	01/03/2020
Artificial Mains Network	8127	8127713	01/04/2019	01/03/2020
ISN	ISN T800	34373	01/04/2019	01/03/2020
Radiated Emissions				
EMI test receiver	ESL6	1300.5001K06-100262-eQ	01/04/2019	01/03/2020
Active Antenna	AL-130	121031	02/08/2018	02/07/2019
3m Semi-anechoic Chamber	9m*6m*6m	N/A	10/18/2018	10/17/2019
Signal Amplifier	8447E	443008	01/25/2018	01/24/2019
MXA signal analyzer	N9020A	MY49100060	01/04/2019	01/03/2020
Horn Antenna	HAH-118	71259	01/26/2018	01/25/2019
Horn Antenna	HAH-118	71283	02/02/2018	02/01/2019
AMPLIFIER	EM01G26G	60613	01/25/2018	01/24/2019
AMPLIFIER	Emc012645	980077	01/04/2019	01/03/2020
Bilog Antenna (30MHz~6GHz)	JB6	A110712	02/08/2018	02/07/2019
RF Conducted				
DC Power Supply	E3640A	MY40004013	01/04/2019	01/03/2020
MXA Signal Analyzer	N9020A	MY49100060	01/04/2019	01/03/2020
MXG Vector Signal Generator	N5182A	MY50140530	01/04/2019	01/03/2020
Series Signal Generator	E4421B	US40051152	05/12/2018	05/11/2019
RF control unit	JS0806-0806-2	188060112	04/25/2018	04/24/2019
Wireless Connectivity Tester	CMW270	1201.0002K75-101601-PE	04/25/2018	04/24/2019
Weinschel	1580-1	TL177	01/04/2019	01/03/2020
Universal Radio Communica	CMU200	121393	02/10/2019	02/09/2020

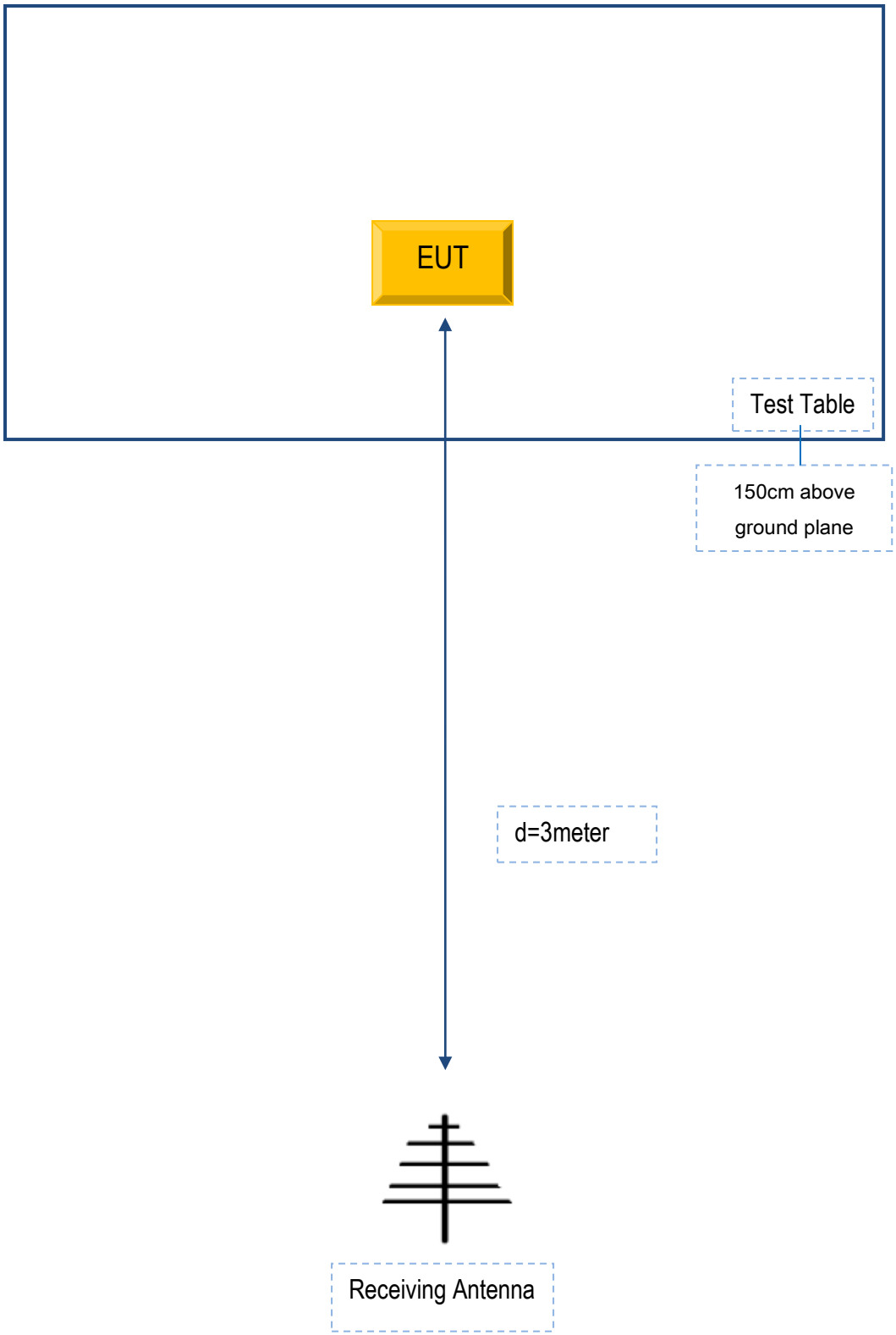
Annex B. TEST SETUP AND SUPPORTING EQUIPMENT

Annex B.i. TEST SET UP BLOCK

Block Configuration Diagram for Radiated Emissions (Below 1GHz) .



Block Configuration Diagram for Radiated Emissions （Above 1GHz）.



Annex B. ii. SUPPORTING EQUIPMENT DESCRIPTION

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

Supporting Equipment:

Manufacturer	Equipment Description	Model	Serial No
-	-	-	-

Supporting Cable:

Cable type	Shield Type	Ferrite Core	Length	Serial No
-	-	-	-	-

Annex C. User Manual / Block Diagram / Schematics / Partlist

Please see attachment

Annex D. DECLARATION OF SIMILARITY

REMOTE SOLUTION.CO,.LTD

To：775 Montague Expressway Mlpitas,CA 95035,USA

Declaration Letter

Dear Sir,

For our business issue and marketing requirement,
We declare that the model: RC96A，RC96XBB (X stands for A~Z, BB stands for 00~99) all models the same PCB and Appearance shape, accessories ,the Simple case, printing color difference is.

Thank you!

Sincerely,

Client's signature： BC, Kim

Client's name / title： Byung chul, Kim / Manager
Telephone: +82-10-5533-8113
Address : 92, Chogok-ri, Nammyun, Gimchun city, Kyungsangbukdo, Korea