



TEST REPORT

Report Number : TZ0442260502FRF03
Product Name : Car Dashcam
Model/Type reference : SAFY8, SAFY9
FCC ID : YCK-SAFY8
Prepared for : Pittasoft Co., Ltd.
A 4th floor, ABN Tower, 331, Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, South Korea, 13488

Prepared By : Shenzhen Tongzhou Testing Co.,Ltd.
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Standards : FCC CFR Title 47 Part 15C, ANSI C63.10-2020 + Cor.1-2023
Date of Test : 2026-05-26 ~ 2026-06-10
Date of Issue : 2026-06-11

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**** Report Revise Record ****

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	2026-06-11	Valid	Initial release





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1. GENERAL INFORMATION

1.1. Client Information

Applicant	: Pittasoft Co., Ltd.
Address	: A 4th floor, ABN Tower, 331, Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, South Korea, 13488
Manufacturer	: Pittasoft Co., Ltd.
Address	: A 4th floor, ABN Tower, 331, Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, South Korea, 13488

1.2. Description of Device (EUT)

Product Name	: Car Dashcam
Trade Mark	: BlackVue
Model Number	: SAFY8, SAFY9
Model Declaration	: All the same except for the model name, resolution and rear casing
Test Model	: SAFY8
Power Supply	: DC 5V by car adapter
Hardware version	: D6015-MAIN-01A-01
Software version	: SAFY8_v1.005

1.3. Wireless Function Tested in this Report

WiFi 2.4GHz Band	
Supported	: IEEE 802.11b/g/n
Operation Frequency	IEEE 802.11b:2412-2462MHz
	IEEE 802.11g:2412-2462MHz
	IEEE 802.11n HT20:2412-2462MHz IEEE 802.11n HT40:2422-2452MHz
Channel Number	: 11 Channels for 2412-2462MHz(IEEE 802.11b/g/n HT20)
	: 7 Channels for 2422-2452MHz(IEEE 802.11n HT40)
Modulation Technology	IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK)
	IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK)
	IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK)
Antenna Type And Gain	: Internal antenna, 1.39dBi

Note 1: Antenna position refer to EUT Photos.

Note 2: the above information was supplied by the applicant.





1.4. EUT configuration

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

● supplied by the manufacturer

○ supplied by the lab

●	Car Adapter	Model:	CC618C
		Input:	Input: DC 12-24V, 2A
		Output:	Output: DC 5V 2.5A

1.5. Description of Test Facility

FCC

Designation Number: CN1275

Test Firm Registration Number: 167722

Shenzhen Tongzhou Testing Co.,Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

A2LA

Certificate Number: 5463.01

Shenzhen Tongzhou Testing Co.,Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.

IC

ISED#: 22033

CAB identifier: CN0099

Shenzhen Tongzhou Testing Co.,Ltd. has been listed by Innovation, Science and Economic Development Canada to perform electromagnetic emission measurement.

The 3m-Semi anechoic test site fulfils CISPR 16-1-4 according to ANSI C63.4 and CISPR 16-1-4:2010

1.6. 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 Tongzhou Testing Co.,Ltd.’s 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.





1.7. Measurement Uncertainty

Test Item		Uncertainty	Note
Radiation Uncertainty(9KHz~30MHz)	:	±3.26dB	(1)
Radiation Uncertainty(30MHz~1000MHz)	:	±3.92dB	(1)
Radiation Uncertainty(1GHz~40GHz)	:	±5.62dB	(1)
Conduction Uncertainty	:	±2.71dB	(1)
Occupied Channel Bandwidth	:	±3.0%	(1)
RF power, conducted	:	±0.16dB	(1)
Power Spectral Density, conducted	:	±1.3dB	(1)
Unwanted Emissions, conducted	:	±1.3dB	(1)
Time	:	±1.0%	(1)
Duty Cycle	:	±3.0%	(1)

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

1.8. Description of Test Modes

The EUT has been tested under operating condition.

This test was performed with EUT in X, Y, Z position and the worst case was found when EUT in X position.

Worst-case mode and channel used for 9 KHz-1000 MHz radiated emissions was the mode and channel with the highest output power, that was determined to be **802.11n HT40 middle channel** and recorded in this report.

Worst-Case data rates were utilized from preliminary testing of the Chipset, worst-case data rates used during the testing are as follows:

IEEE 802.11b Mode: 1 Mbps, DSSS.
IEEE 802.11g Mode: 6 Mbps, OFDM.
IEEE 802.11n Mode HT20: MCS0, OFDM.
IEEE 802.11n Mode HT40: MCS0, OFDM.

Antenna & Bandwidth

Antenna	Antenna 1		Simultaneously
Bandwidth Mode	20MHz	40MHz	/
IEEE 802.11b	☒	☐	☐
IEEE 802.11g	☒	☐	☐
IEEE 802.11n	☒	☒	☐





1.9. Frequency of Channels

IEEE 802.11b/g/n HT20

Frequency Band	Channel No.	Frequency(MHz)	Channel No.	Frequency(MHz)
2412~2462MHz	1	2412	7	2442
	2	2417	8	2447
	3	2422	9	2452
	4	2427	10	2457
	5	2432	11	2462
	6	2437	--	--

IEEE n HT40

Frequency Band	Channel No.	Frequency(MHz)	Channel No.	Frequency(MHz)
2422~2452MHz	--	--	7	2442
	--	--	8	2447
	3	2422	9	2452
	4	2427	--	--
	5	2432	--	--
	6	2437	--	--





2. TEST METHODOLOGY

All measurements contained in this report were conducted with ANSI C63.10-2020 + Cor.1-2023, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices. The radiated testing was performed at an antenna-to-EUT distance of 3 meters. All radiated and conducted emissions measurement was performed at Shenzhen Tongzhou Testing Co.,Ltd.

2.1. EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner that intends to maximize its emission characteristics in a continuous normal application.

2.2. EUT Exercise

The EUT was operated in the engineering mode to fix the TX frequency that was for the purpose of the measurements.

According to FCC's request, Test Procedure KDB 558074 D01 DTS Meas Guidance v04 and KDB 662911 D01 Multiple Transmitter Output v02r01 are required to be used for this kind of FCC 15.247 digital modulation device.

According to its specifications, the EUT must comply with the requirements of the Section 15.203, 15.205, 15.207, 15.209 and 15.247 under the FCC Rules Part 15 Subpart C.

2.3. Test Sample

Sample ID	Description
TZ0442260502-1#	Engineer sample – continuous transmit
TZ0442260502-2#	Normal sample – Intermittent transmit





3. SYSTEM TEST CONFIGURATION

3.1. Justification

The system was configured for testing in a continuous transmits condition.

3.2. EUT Exercise Software

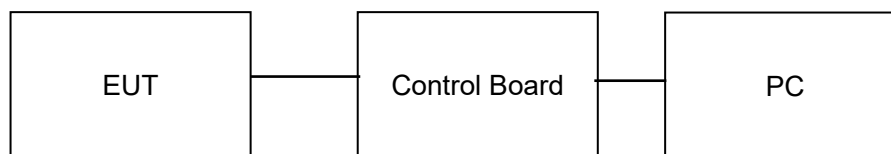
The system was configured for testing in a continuous transmits condition and change test channels by software (SecureCRT Version 8.7.2 at power level 40) provided by application.

3.3. Special Accessories

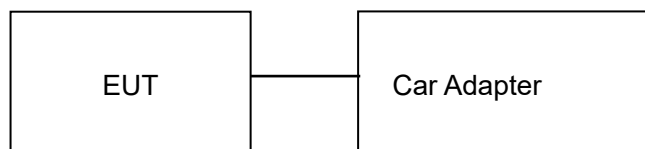
No.	Equipment	Manufacturer	Model No.	Serial No.	Length	shielded/ unshielded	Notes
1	PC	ASUS	X454L	15105-0038A100	/	/	/
2	Control Board	Youxin	USB-TTL	/	/	/	/

3.4. Block Diagram/Schematics

RF Conducted Test



Radiated Emission



3.5. Equipment Modifications

Shenzhen Tongzhou Testing Co.,Ltd. has not done any modification on the EUT.

3.6. Test Setup

Please refer to the test setup photo.





4. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Sample ID	Result
/	Duty Cycle	TZ0442260502-1#	Note1
§15.247(b)	Maximum Conducted Output Power	TZ0442260502-1#	Compliant
§15.247(e)	Power Spectral Density	TZ0442260502-1#	Compliant
§15.247(a)(2)	6dB Bandwidth	TZ0442260502-1#	Compliant
/	Occupied Bandwidth	TZ0442260502-1#	Note1
§15.209, §15.247(d)	Radiated and Conducted Spurious Emissions	TZ0442260502-1# TZ0442260502-2#	Compliant
§15.205	Emissions at Restricted Band	TZ0442260502-1#	Compliant
§15.207(a)	Conducted Emissions	TZ0442260502-1#	N/A (Note 2)
§15.203	Antenna Requirements	N/A	Compliant

Note 1: for report purposes only.

Note 2: The EUT is intended for automotive use and is powered by the vehicle power system only; therefore, conducted emission testing is not applicable.

Remark: The measurement uncertainty is not included in the test result.





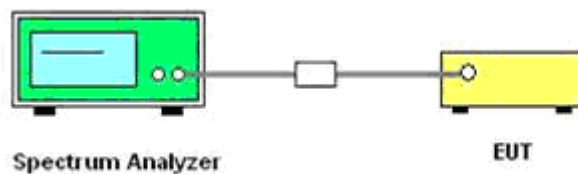
5. TEST RESULT

5.1. On Time and Duty Cycle

5.1.1. Standard Applicable

None. for reporting purpose only.

5.1.2. Block Diagram of Test Setup



5.1.3. Test Procedures

1. Set the center frequency of the spectrum analyzer to the transmitting frequency.
2. Set the span=0MHz, RBW to the largest available value, VBW $\geq$ RBW
3. Detector = peak.
4. Trace mode = Single hold.

5.1.4. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.1.5. Test Results

Pass

Remark:

1. Test results including cable loss.
2. Please refer to Appendix G of Appendix Test Data for WLAN(2.4G) for test data.



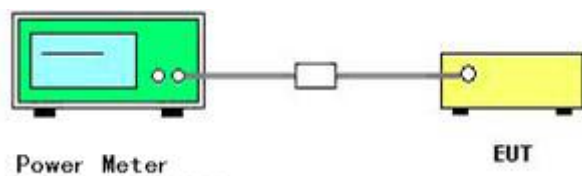


5.2. Maximum Conducted Output Power Measurement

5.2.1. Standard Applicable

According to §15.247(b): For systems using digital modulation in the 2400-2483.5 MHz and 5725-5850 MHz band, the limit for maximum peak conducted output power is 30dBm. The limit has to be reduced by the amount in dB that the gain of the antenna exceeds 6dBi. In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi. Systems operating in the 5725-5850 MHz band that are used exclusively for fixed, point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi without any corresponding reduction in transmitter peak output power.

5.2.2. Block Diagram of Test Setup



5.2.3. Test Procedures

☐ According to KDB558074 D01 DTS Measurement Guidance Section 9.1 Maximum peak conducted output power, 9.1.2 the maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall utilize a fast-responding diode detector.

☒ According to KDB558074 D01 DTS Measurement Guidance Section 9.2 Maximum average conducted output power, 9.2.3.1 Method AVGPM (Measurement using an RF average power meter)

(a) As an alternative to spectrum analyzer or EMI receiver measurements, measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied.

- 1) The EUT is configured to transmit continuously, or to transmit with a constant duty factor.
- 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
- 3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

(b) If the transmitter does not transmit continuously, measure the duty cycle (x) of the transmitter output signal as described in Section 6.0.

(c) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.

(d) Adjust the measurement in dBm by adding $10\log(1/x)$, where x is the duty cycle to the measurement result.

5.2.4. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.2.5. Test Results

Pass

Remark:

1. Test results including cable loss.
2. Please refer to Appendix C of Appendix Test Data for WLAN(2.4G) for test data.



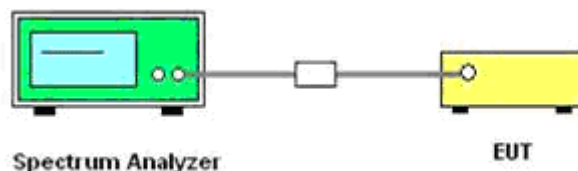


5.3. Power Spectral Density Measurement

5.3.1. Standard Applicable

According to §15.247(e): For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

5.3.2. Block Diagram of Test Setup



5.3.3. Test Procedures

☐ Peak Power Spectral Density

1. The transmitter was connected directly to a Spectrum Analyzer.
2. The power was monitored at the coupler port with a Spectrum Analyzer. The power level was set to the maximum level.
3. Set the RBW = 3 KHz
4. Set the VBW $\geq 3 \times \text{RBW}$
5. Set the span to 1.5 times the DTS channel bandwidth.
6. Detector = peak.
7. Sweep time = auto couple.
8. Trace mode = max hold.
9. Allow trace to fully stabilize.
10. Use the peak marker function to determine the maximum power level in any 3 kHz band segment within the fundamental EBW.
11. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

☒ Maximum Power Spectral Density

1. The transmitter was connected directly to a Spectrum Analyzer.
2. The power was monitored at the coupler port with a Spectrum Analyzer. The power level was set to the maximum level.
3. Set the RBW = 3 KHz~100 KHz.
4. Set the VBW $\geq 3 \times \text{RBW}$
5. Set the span to 1.5 times the DTS channel bandwidth.
6. Detector = power averaging (rms)
7. Sweep points = 30000
8. Trace mode = max hold.
9. Employ trace averaging (rms) mode over a minimum of 100 traces.
10. Use the peak marker function to determine the maximum power level in any 3 kHz band segment within the fundamental EBW.
11. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

5.3.4. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.3.5. Test Results

Pass

Remark:

1. Test results including cable loss.
2. Please refer to Appendix D of Appendix Test Data for WLAN(2.4G) for test data.



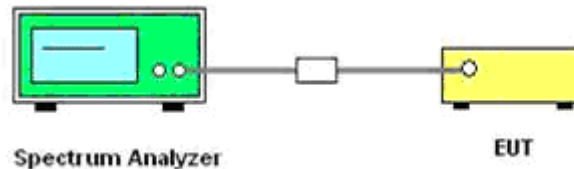


5.4. 6 dB Spectrum Bandwidth and Occupied Channel Bandwidth Measurement

5.4.1. Standard Applicable

According to §15.247(a) (2): For digital modulation systems, the minimum 6 dB bandwidth shall be at least 500 kHz.

5.4.2. Block Diagram of Test Setup



5.4.3. Test Procedures

6dB Spectrum Bandwidth Test Procedure:

1. The transmitter output (antenna port) was connected to the spectrum analyzer in peak hold mode.
2. The resolution bandwidth and the video bandwidth were set according to C63.10 11.8.1.
3. Measured the spectrum width with power higher than 6dB below carrier.

Occupied Bandwidth Spectrum Bandwidth Test Procedure:

1. The transmitter output (antenna port) was connected to the spectrum analyzer in peak hold mode.
2. The resolution bandwidth and the video bandwidth were set according to C63.10 6.9.3
3. Use the 99% power bandwidth function of the instrument and report the measured bandwidth.

5.4.4. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.4.5. Test Results

Pass

Remark:

1. Test results including cable loss.
2. Please refer to Appendix A of Appendix Test Data for WLAN(2.4G) for test data.





5.5. Radiated Emissions Measurement

5.5.1. Standard Applicable

15.205 (a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
\1\ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(\2\)
13.36-13.41			

\1\ Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

\2\ Above 38.6

According to §15.247 (d): 20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

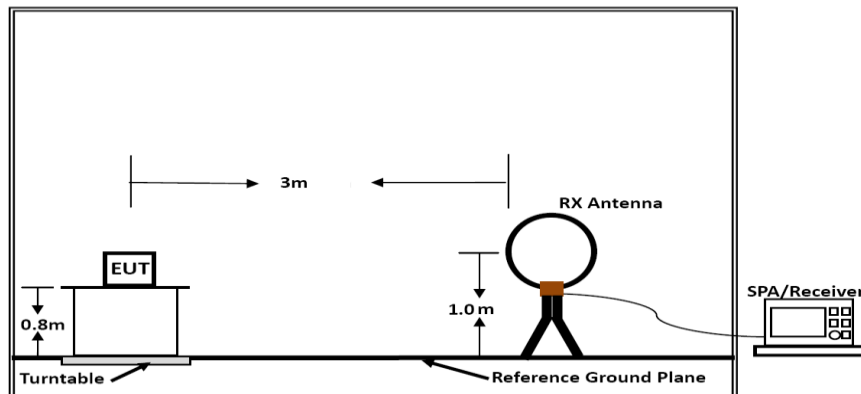
Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3



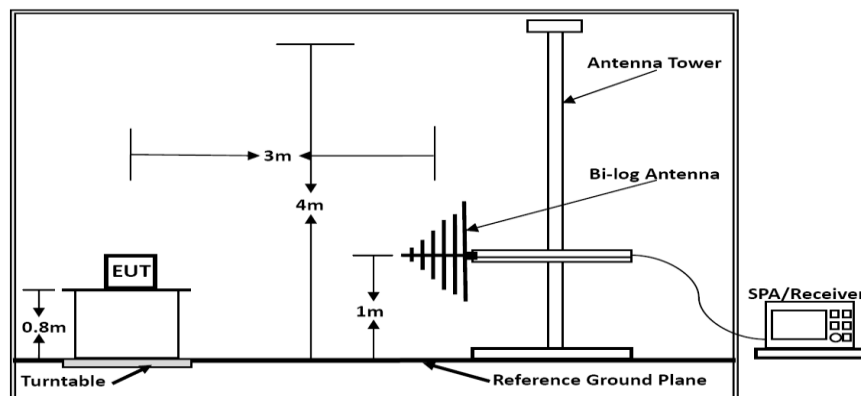


5.5.2. Block Diagram of Test Setup

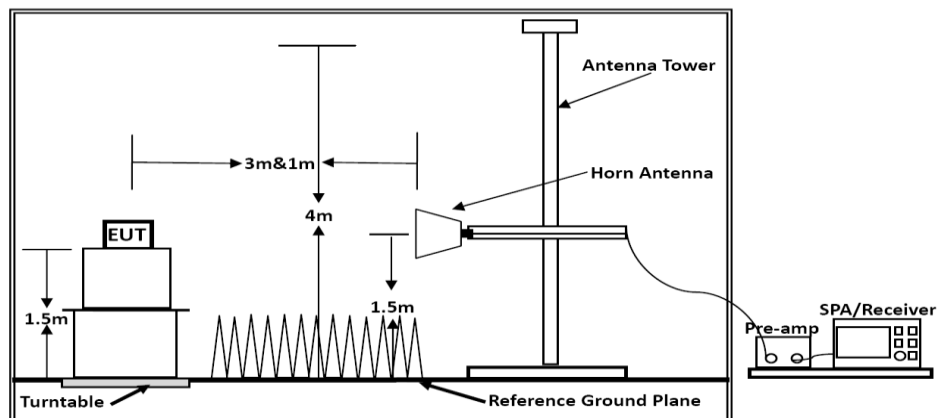
For radiated emissions below 30MHz



Below 30MHz



Below 1GHz



Above 1GHz

Above 18 GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade from 3m to 1m.

Distance extrapolation factor = $20 \log (\text{specific distance [3m]} / \text{test distance [1m]})$ (dB).

Limit line = specific limits (dBuV) + distance extrapolation factor [6 dB].

5.5.3. Test Procedures

1) Sequence of testing 9 kHz to 30 MHz

Setup:

--- The equipment was set up to simulate a typical usage like described in the user manual or described by





manufacturer.

- If the EUT is a tabletop system, a rotatable table with 0.8 m height is used.
- If the EUT is a floor standing device, it is placed on the ground.
- Auxiliary equipment and cables were positioned to simulate normal operation conditions.
- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- The measurement distance is 3 meter.
- The EUT was set into operation.

Premeasurement:

- The turntable rotates from 0° to 315° using 45° steps.
- The antenna height is 1.0 meter.
- At each turntable position the analyzer sweeps with peak detection to find the maximum of all emissions

Final measurement:

- Identified emissions during the premeasurement the software maximizes by rotating the turntable position (0° to 360°) and by rotating the elevation axes (0° to 360°).
- The final measurement will be done in the position (turntable and elevation) causing the highest emissions with QPK detector.
- The final levels, frequency, measuring time, bandwidth, turntable position, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement and the limit will be stored.

2) Sequence of testing 30 MHz to 1 GHz

Setup:

- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- If the EUT is a tabletop system, a table with 0.8 m height is used, which is placed on the ground plane.
- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.
- Auxiliary equipment and cables were positioned to simulate normal operation conditions
- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- The measurement distance is 3 meter.
- The EUT was set into operation.

Premeasurement:

- The turntable rotates from 0° to 315° using 45° steps.
- The antenna is polarized vertical and horizontal.
- The antenna height changes from 1 to 3 meter.
- At each turntable position, antenna polarization and height the analyzer sweeps three times in peak to find the maximum of all emissions.

Final measurement:

- The final measurement will be performed with minimum the six highest peaks.
- According to the maximum antenna and turntable positions of premeasurement the software maximize the peaks by changing turntable position ($\pm 45^\circ$) and antenna movement between 1 and 4 meter.
- The final measurement will be done with QP detector with an EMI receiver.
- The final levels, frequency, measuring time, bandwidth, antenna height, antenna polarization, turntable angle, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement with marked maximum final measurements and the limit will be stored.

3) Sequence of testing 1 GHz to 40 GHz

Setup:

- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- If the EUT is a tabletop system, a rotatable table with 1.5 m height is used.
- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.
- Auxiliary equipment and cables were positioned to simulate normal operation conditions
- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- The measurement distance is 3 meter.
- The EUT was set into operation.

Premeasurement:

- The turntable rotates from 0° to 315° using 45° steps.
- The antenna is polarized vertical and horizontal.
- The antenna height scan range is 1 meter to 2.5 meter.





--- At each turntable position and antenna polarization the analyzer sweeps with peak detection to find the maximum of all emissions.

Final measurement:

--- The final measurement will be performed with minimum the six highest peaks.

--- According to the maximum antenna and turntable positions of premeasurement the software maximize the peaks by changing turntable position ($\pm 45^\circ$) and antenna movement between 1 and 4 meters. This procedure is repeated for both antenna polarizations.

--- The final measurement will be done in the position (turntable, EUT-table and antenna polarization) causing the highest emissions with Peak and Average detector.

--- The final levels, frequency, measuring time, bandwidth, turntable position, EUT-table position, antenna polarization, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement with marked maximum final measurements and the limit will be stored.

4) Sequence of testing above 18 GHz

Setup:

--- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.

--- If the EUT is a tabletop system, a rotatable table with 1.5 m height is used.

--- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.

--- Auxiliary equipment and cables were positioned to simulate normal operation conditions

--- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.

--- The measurement distance is 1 meter.

--- The EUT was set into operation.

Premeasurement:

--- The antenna is moved spherical over the EUT in different polarizations of the antenna.

Final measurement:

--- The final measurement will be performed at the position and antenna orientation for all detected emissions that were found during the premeasurements with Peak and Average detector.

--- The final levels, frequency, measuring time, bandwidth, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement and the limit will be stored.

5.5.4. Measuring Instruments and Setting

The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10 th carrier harmonic
RB / VB (Emission in restricted band)	1MHz / 3MHz for Peak, 1 MHz / 3 MHz for Average
RB / VB (Emission in non-restricted band)	1MHz / 3MHz for Peak, 1 MHz / 3 MHz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB/VB 200Hz/1KHz for QP/AVG
Start ~ Stop Frequency	150kHz~30MHz / RB/VB 9kHz/30KHz for QP/AVG
Start ~ Stop Frequency	30MHz~1000MHz / RB/VB 120kHz/1MHz for QP





5.5.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.5.6. Test Results

Pass

Results of Radiated Emissions (9 KHz~30MHz)

Temperature	22.5℃	Humidity	56%
Test Engineer	Tony Luo	Configurations	IEEE 802.11b/g/n
Test Volgate	DC 12V	/	/

Freq. (MHz)	Level (dBuV)	Over Limit (dB)	Over Limit (dBuV)	Remark
-	-	-	-	See Note

Note:

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

Distance extrapolation factor = $40 \log (\text{specific distance} / \text{test distance})$ (dB).

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

Results of Radiated Emissions (30MHz~1GHz)

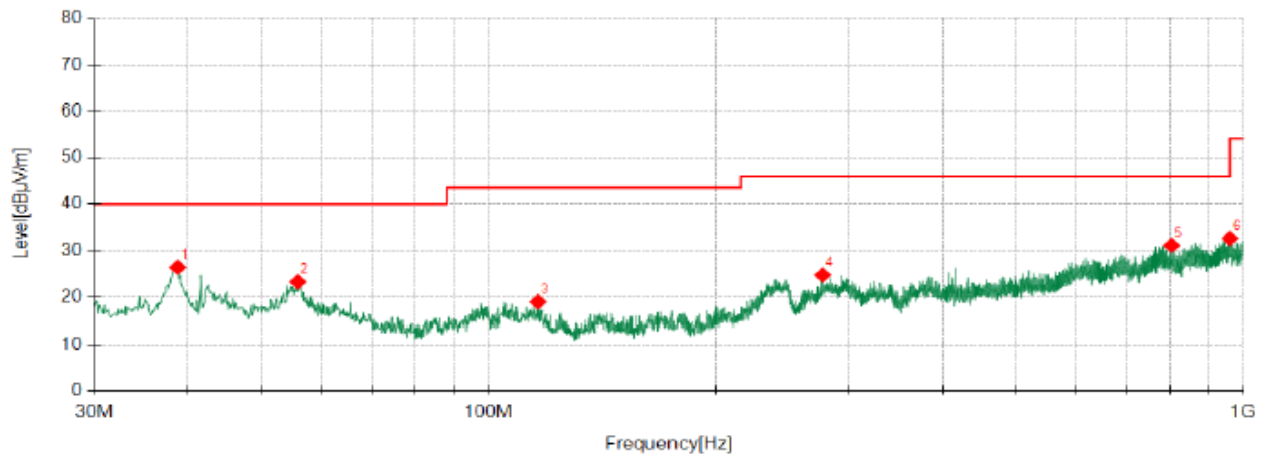
Temperature	22.5℃	Humidity	56%
Test Engineer	Tony Luo	Configurations	IEEE 802.11b/g/n
Test Volgate	DC 12V	/	/





Below 1GHz

Vertical



◆ QP Detector

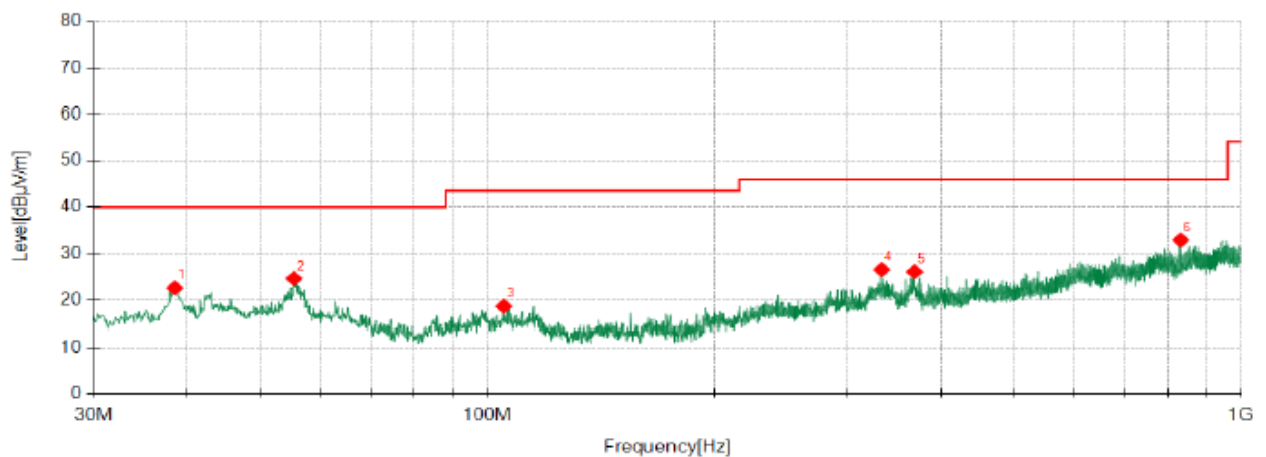
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	38.73	12.89	13.47	26.36	40.00	13.64	100	210	Vertical
2	55.82	8.63	14.60	23.23	40.00	16.77	100	180	Vertical
3	116.2	7.09	11.83	18.92	43.50	24.58	100	350	Vertical
4	277.2	8.94	15.76	24.70	46.00	21.30	100	250	Vertical
5	803.5	5.52	25.53	31.05	46.00	14.95	100	170	Vertical
6	959.8	5.02	27.53	32.55	46.00	13.45	100	10	Vertical

***Note:

1. Level [dBμV/m] = Reading [dBμV] + Factor [dB/m]
2. Margin [dB] = Limit [dBμV/m] - Level [dBμV/m]



**Horizontal**

◆ QP Detector

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	38.48	9.09	13.47	22.56	40.00	17.44	100	100	Horizontal
2	55.34	10.09	14.49	24.58	40.00	15.42	100	170	Horizontal
3	105.1	5.49	13.13	18.62	43.50	24.88	100	300	Horizontal
4	333.2	9.43	17.08	26.51	46.00	19.49	100	160	Horizontal
5	368.7	8.17	17.88	26.05	46.00	19.95	100	210	Horizontal
6	831.2	7.46	25.40	32.86	46.00	13.14	100	180	Horizontal

***Note:

1. Level [dBμV/m] = Reading [dBμV] + Factor [dB/m]

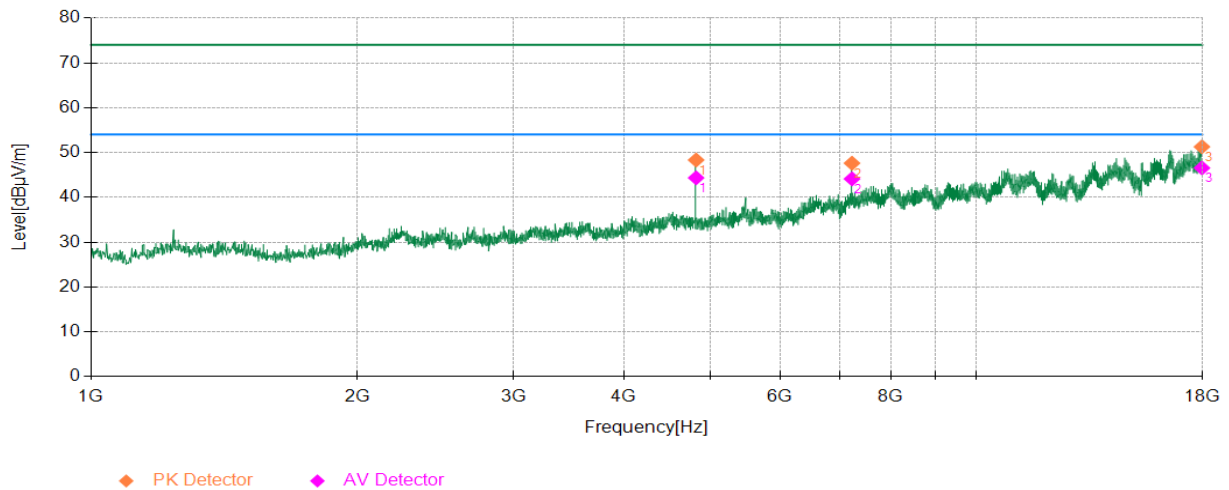
2. Margin [dB] = Limit [dBμV/m] - Level [dBμV/m]



**Results for Radiated Emissions (1GHz to 18GHz)**

Temperature	24℃	Humidity	55.2%
Test Engineer	Tony Luo	Configurations	IEEE 802.11b/g/n
Test Voltage	DC 12V	/	/

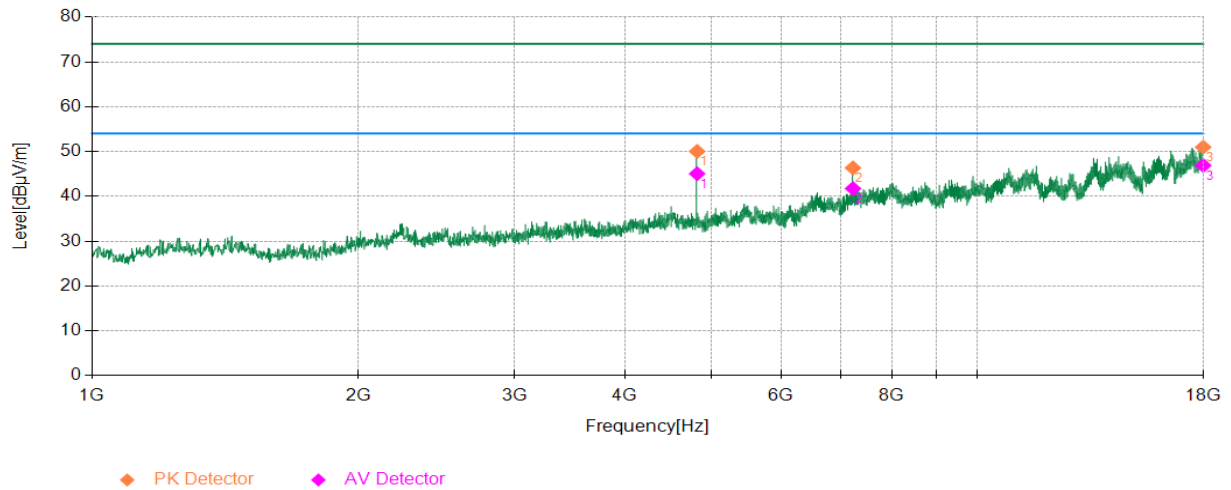
Remark: Measured all modes and recorded worst case (802.11b mode).

Low Channel:

PK Final Data List									
NO.	Freq. [MHz]	PK Reading [dBμV]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4825	53.35	-5.02	48.33	74.00	25.67	162	85	Vertical
2	7237.3	47.14	0.47	47.61	74.00	26.39	135	108	Vertical
3	17983	37.99	13.29	51.28	74.00	22.72	111	183	Vertical

AV Final Data List									
NO.	Freq. [MHz]	AV Reading [dBμV]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4825	49.37	-5.02	44.35	54.00	9.65	162	85	Vertical
2	7237.3	43.65	0.47	44.12	54.00	9.88	135	108	Vertical
3	17983	33.26	13.29	46.55	54.00	7.45	111	183	Vertical





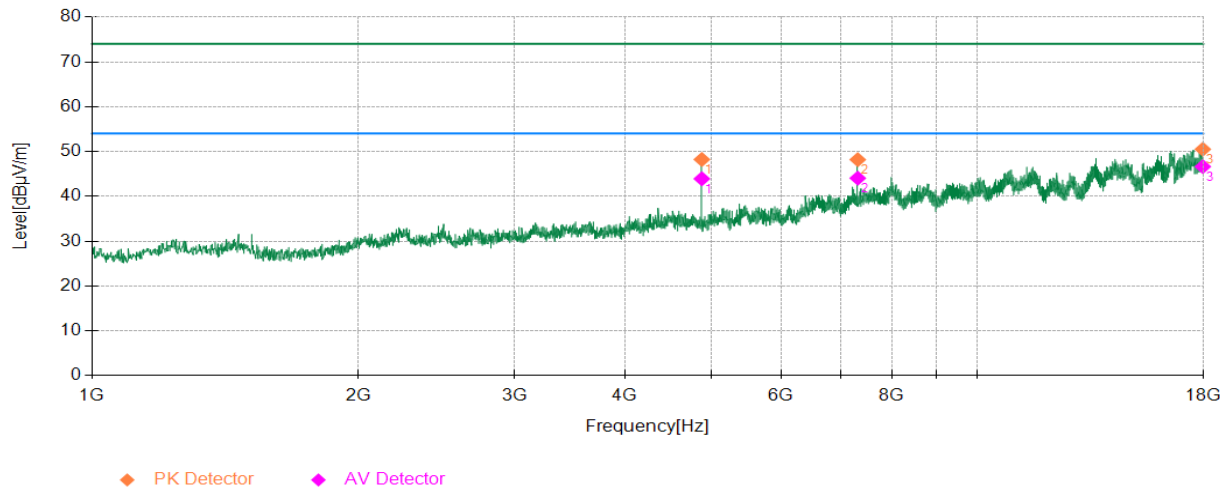
PK Final Data List									
NO.	Freq. [MHz]	PK Reading [dBμV]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4825	55.05	-5.02	50.03	74.00	23.97	168	339	Horizontal
2	7237.3	45.87	0.47	46.34	74.00	27.66	152	122	Horizontal
3	17994.9	37.67	13.31	50.98	74.00	23.02	114	281	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	AV Reading [dBμV]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4825	50.06	-5.02	45.04	54.00	8.96	168	339	Horizontal
2	7237.3	41.26	0.47	41.73	54.00	12.27	152	122	Horizontal
3	17994.9	33.59	13.31	46.90	54.00	7.10	114	281	Horizontal





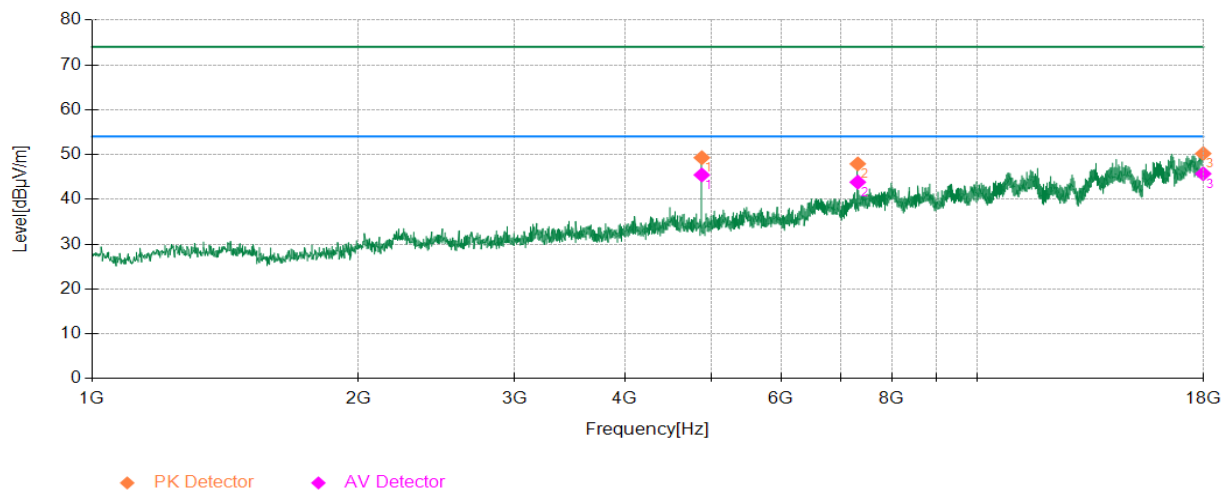
Middle Channel:



PK Final Data List									
NO.	Freq. [MHz]	PK Reading [dBμV]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874.5	52.99	-4.77	48.22	74.00	25.78	162	99	Vertical
2	7311.4	47.64	0.55	48.19	74.00	25.81	137	125	Vertical
3	17977.9	37.23	13.28	50.51	74.00	23.49	132	244	Vertical

AV Final Data List									
NO.	Freq. [MHz]	AV Reading [dBμV]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874.5	48.69	-4.77	43.92	54.00	10.08	162	99	Vertical
2	7311.4	43.51	0.55	44.06	54.00	9.94	137	125	Vertical
3	17977.9	33.35	13.28	46.63	54.00	7.37	132	244	Vertical





PK Final Data List

NO.	Freq. [MHz]	PK Reading [dBμV]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874.5	54.06	-4.77	49.29	74.00	24.71	175	211	Horizontal
2	7311.4	47.36	0.55	47.91	74.00	26.09	162	133	Horizontal
3	17998.3	36.89	13.32	50.21	74.00	23.79	149	207	Horizontal

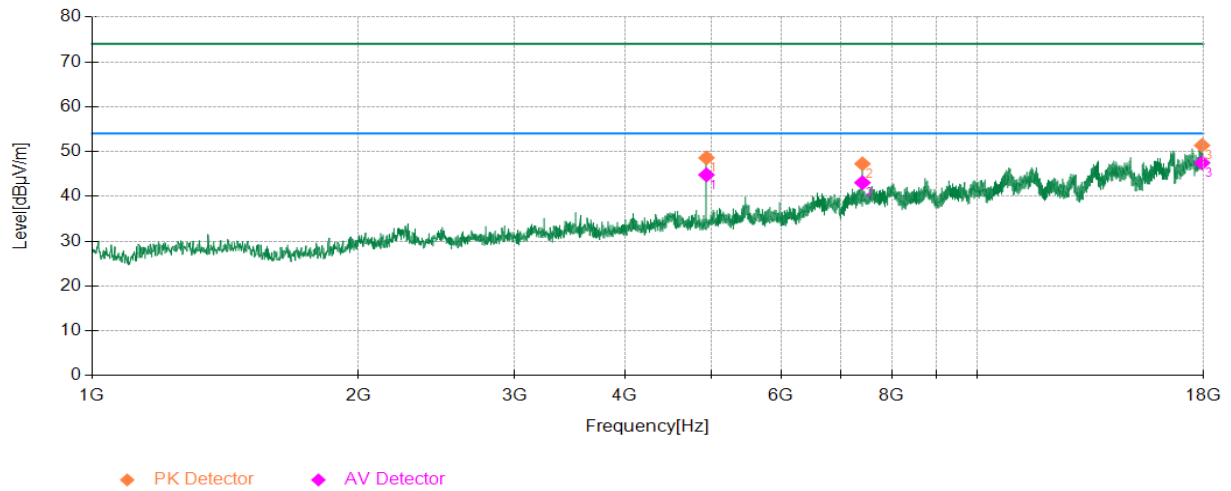
AV Final Data List

NO.	Freq. [MHz]	AV Reading [dBμV]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874.5	50.21	-4.77	45.44	54.00	8.56	175	211	Horizontal
2	7311.4	43.28	0.55	43.83	54.00	10.17	162	133	Horizontal
3	17998.3	32.39	13.32	45.71	54.00	8.29	149	207	Horizontal





High Channel:



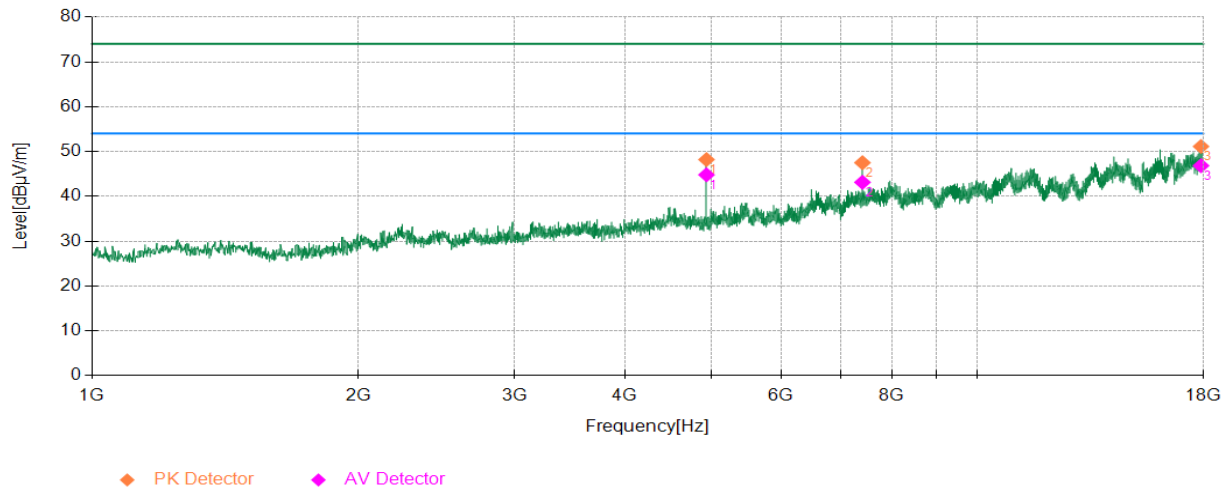
PK Final Data List

NO.	Freq. [MHz]	PK Reading [dBμV]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	53.49	-4.91	48.58	74.00	25.42	142	57	Vertical
2	7386.5	46.67	0.59	47.26	74.00	26.74	138	358	Vertical
3	17942.2	38.18	13.19	51.37	74.00	22.63	191	19	Vertical

AV Final Data List

NO.	Freq. [MHz]	AV Reading [dBμV]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	49.71	-4.91	44.80	54.00	9.20	142	57	Vertical
2	7386.5	42.46	0.59	43.05	54.00	10.95	138	358	Vertical
3	17942.2	34.28	13.19	47.47	54.00	6.53	191	19	Vertical





PK Final Data List									
NO.	Freq. [MHz]	PK Reading [dBμV]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	53.11	-4.91	48.20	74.00	25.80	108	341	Horizontal
2	7386.5	46.91	0.59	47.50	74.00	26.50	164	272	Horizontal
3	17892.9	38.13	13.00	51.13	74.00	22.87	137	337	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	AV Reading [dBμV]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	49.72	-4.91	44.81	54.00	9.19	108	341	Horizontal
2	7386.5	42.55	0.59	43.14	54.00	10.86	164	272	Horizontal
3	17892.9	33.84	13.00	46.84	54.00	7.16	137	337	Horizontal

Notes:

Factor = Ant. Fac - Pre. Fac. + Cab. Loss.

Margin = Limit – Level.



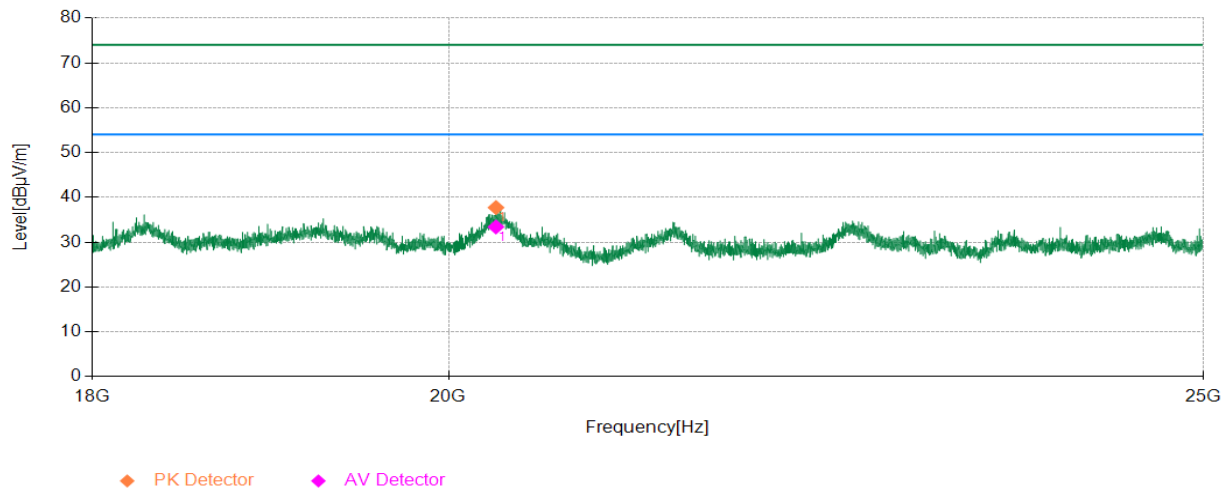


Results for Radiated Emissions (18GHz to 25GHz)

Temperature	22.5°C	Humidity	56%
Test Engineer	Allen Lai	Configurations	802.11 b/gn
Test Voltage	DC 12V	/	/

Remark: Measured all modes and recorded worst case (802.11b mode).

Low Channel:



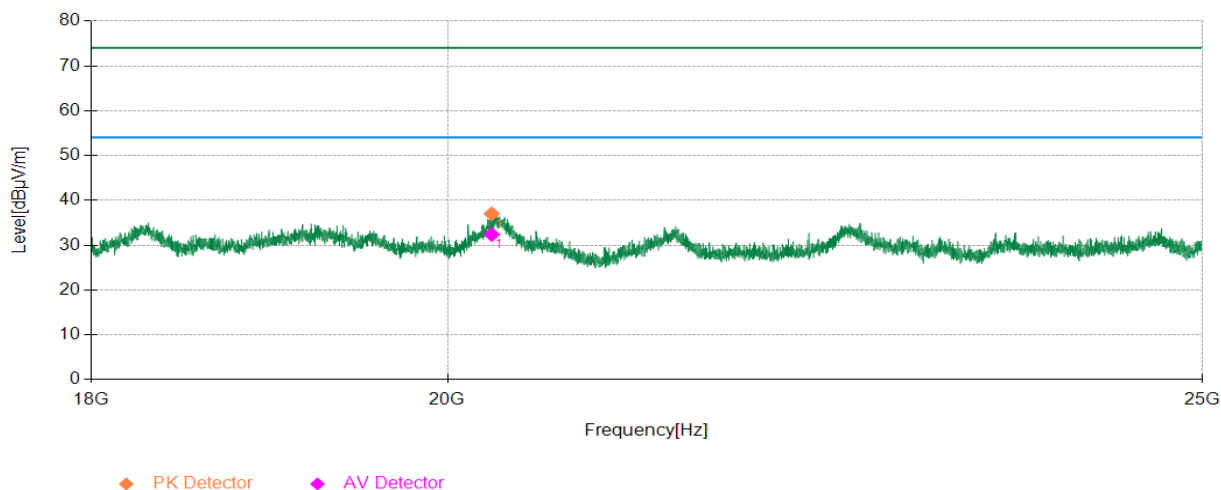
PK Final Data List

NO.	Freq. [MHz]	PK Reading [dBμV]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	20282.875	41.62	-3.90	37.72	74.00	36.28	175	236	Vertical

AV Final Data List

NO.	Freq. [MHz]	AV Reading [dBμV]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	20282.875	37.29	-3.90	33.39	54.00	20.61	175	236	Vertical





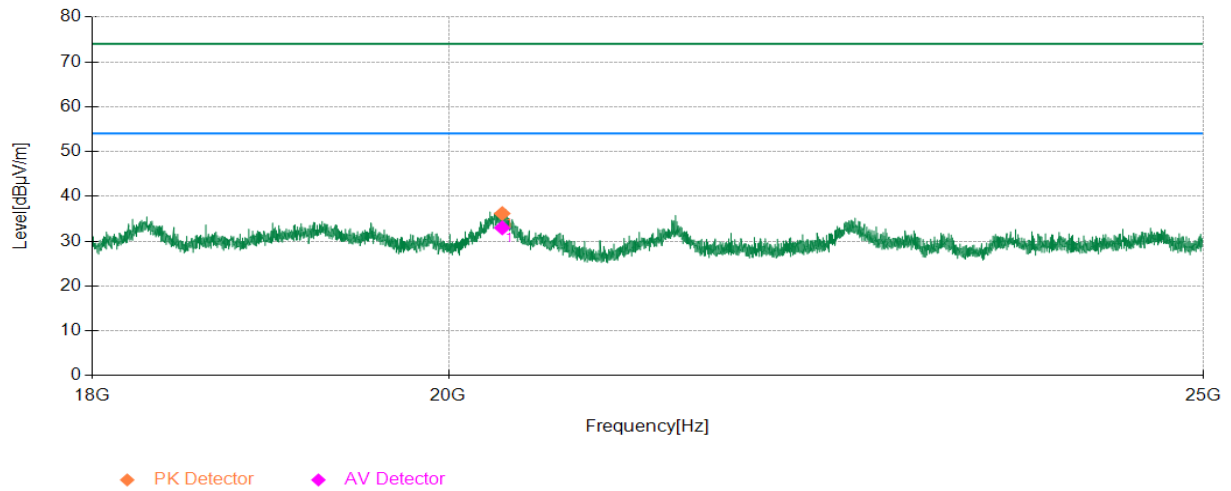
PK Final Data List									
NO.	Freq. [MHz]	PK Reading [dBμV]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	20263.625	40.91	-3.90	37.01	74.00	36.99	134	127	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	AV Reading [dBμV]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	20263.625	36.29	-3.90	32.39	54.00	21.61	134	127	Horizontal





Middle Channel:



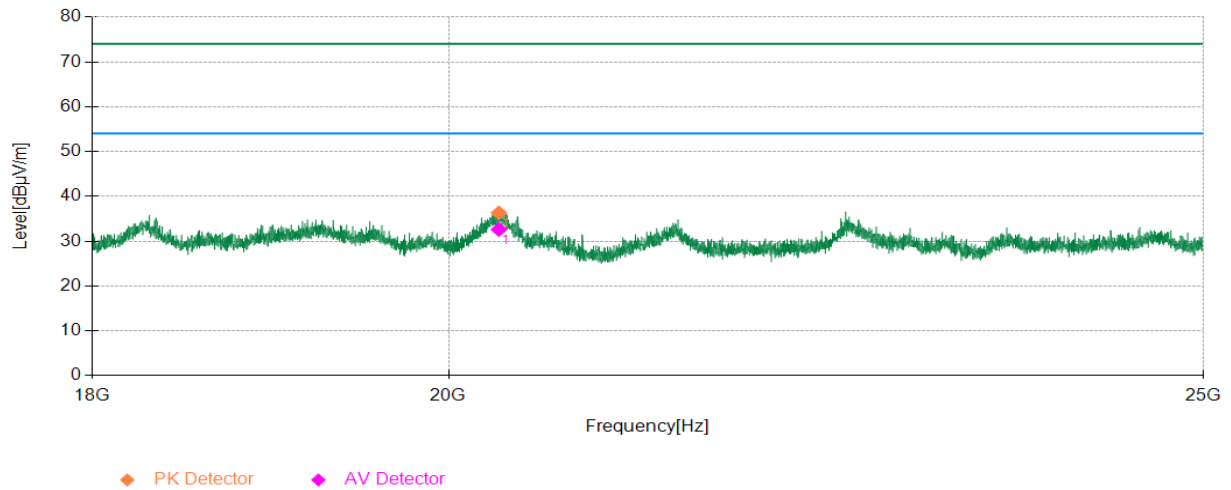
PK Final Data List

NO.	Freq. [MHz]	PK Reading [dBμV]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	20320.5	40.04	-3.87	36.17	74.00	37.83	137	272	Vertical

AV Final Data List

NO.	Freq. [MHz]	AV Reading [dBμV]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	20320.5	36.84	-3.87	32.97	54.00	21.03	137	272	Vertical





PK Final Data List

NO.	Freq. [MHz]	PK Reading [dBμV]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	20300.375	40.19	-3.88	36.31	74.00	37.69	159	293	Horizontal

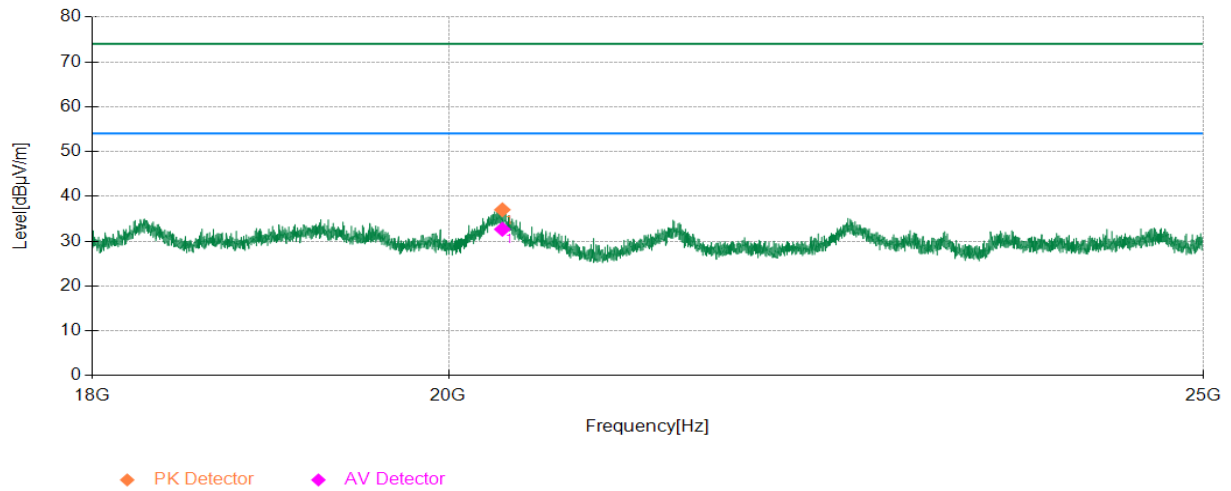
AV Final Data List

NO.	Freq. [MHz]	AV Reading [dBμV]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	20300.375	36.49	-3.88	32.61	54.00	21.39	159	293	Horizontal





High Channel:



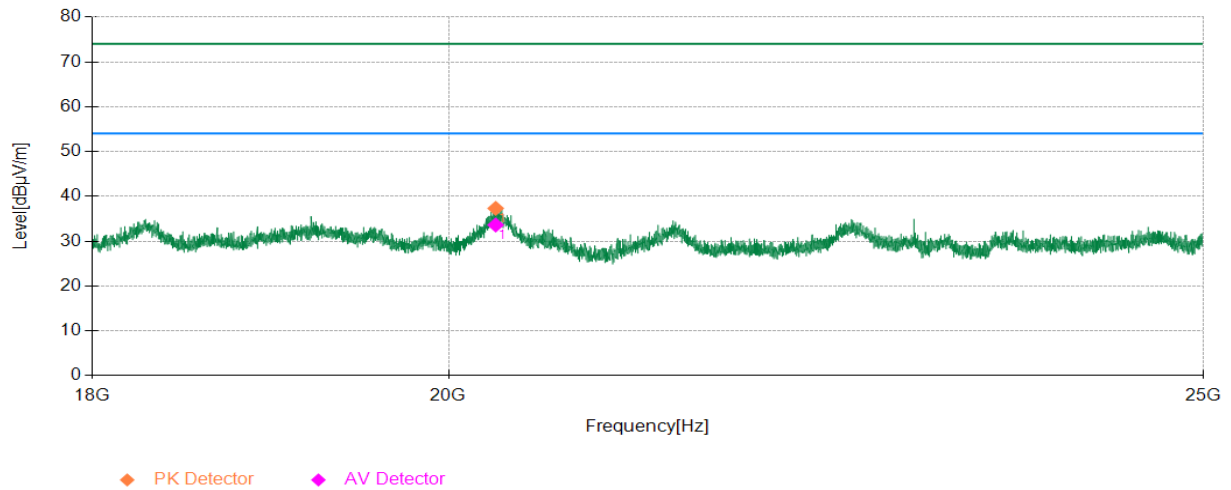
PK Final Data List

NO.	Freq. [MHz]	PK Reading [dBμV]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	20321.375	40.88	-3.87	37.01	74.00	36.99	185	93	Vertical

AV Final Data List

NO.	Freq. [MHz]	AV Reading [dBμV]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	20321.375	36.52	-3.87	32.65	54.00	21.35	185	93	Vertical





PK Final Data List

NO.	Freq. [MHz]	PK Reading [dBμV]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	Height [cm]	Angle [°]	Polarity
1	20281.125	41.22	-3.90	37.32	74.00	36.68	152	135	Horizontal

AV Final Data List

NO.	Freq. [MHz]	AV Reading [dBμV]	Factor [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	20281.125	37.51	-3.90	33.61	54.00	20.39	152	135	Horizontal

Notes:

Factor = Ant. Fac - Pre. Fac. + Cab. Loss.

Margin = Limit – Level.





5.6. Conducted Spurious Emissions and Band Edges Test

5.6.1. Standard Applicable

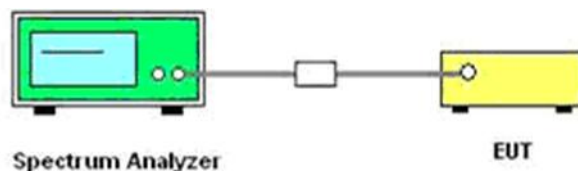
According to §15.247 (d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

5.6.2. Test Procedures

The transmitter output is connected to a spectrum analyzer. The resolution bandwidth is set to 100 kHz. The video bandwidth is set to 300 kHz

The spectrum from 9 KHz to 26.5GHz is investigated with the transmitter set to the lowest, middle, and highest channels.

5.6.3. Block Diagram of Test Setup



5.6.4. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.6.5. Test Results

Pass

Remark:

1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss and attenuator factors have been set in the 'Input Correction' of the Spectrum Analyzer during the test.
2. Please refer to Appendix E and F of Appendix Test Data for WLAN(2.4G) for test data.





5.7. Power Line Conducted Emissions

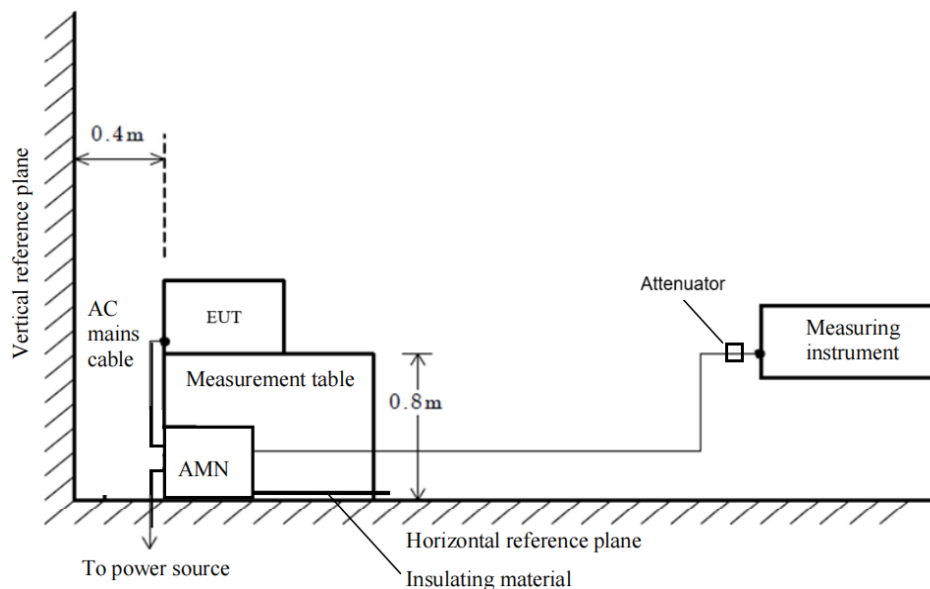
5.7.1. Standard Applicable

According to §15.207 (a): For an intentional radiator which 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 250 microvolts (The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz). The limits at specific frequency range are listed as follows:

Frequency Range (MHz)	Limits (dB μ V)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

* Decreasing linearly with the logarithm of the frequency

5.7.2. Block Diagram of Test Setup



Note: the distance between LISN and Vertical reference plane is 40 cm and the distance between LISN and EUT is 80 cm.

5.7.3. Test Results

Not Applicable.



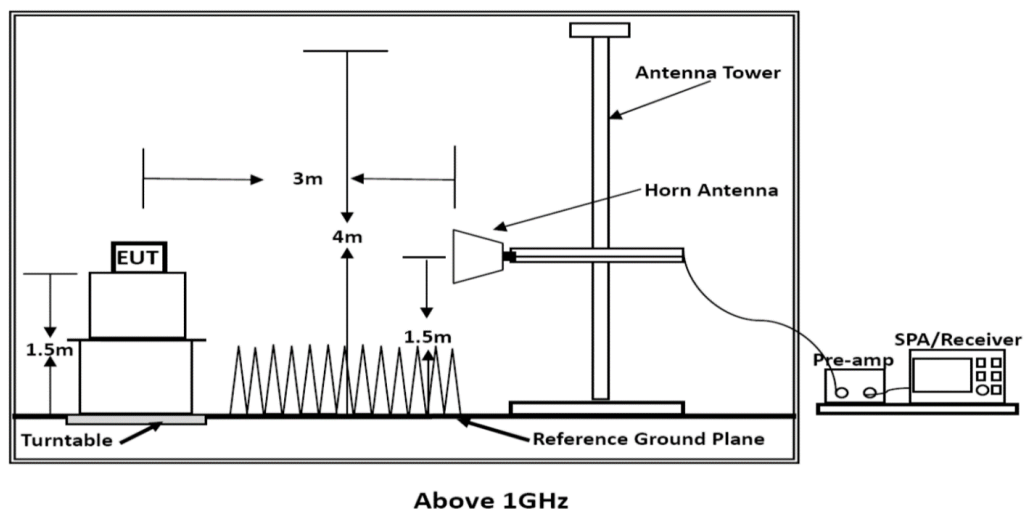


5.8. Band-Edge Measurements for Radiated Emissions

5.8.1. Standard Applicable

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

5.8.2. Block Diagram of Test Setup



5.8.3. Test Procedures

1. The EUT was placed on a turn table which is 1.5m above ground plane.
2. Maximum procedure was performed by raising the receiving antenna from 1m to 4m and rotating the turn table from 0° to 360° to acquire the highest emissions from EUT.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above procedures until all frequency measurements have been completed..
5. Setting test receiver/spectrum as following table states:

Test Frequency range	Test Receiver/Spectrum Setting	Detector
1GHz-40GHz	Peak Value: RBW=1MHz/VBW=3MHz, Sweep time=Auto	Peak
	Average Value: RBW=1MHz/VBW=3MHz, Sweep time=Auto	Average

5.8.4. Test Results

Pass

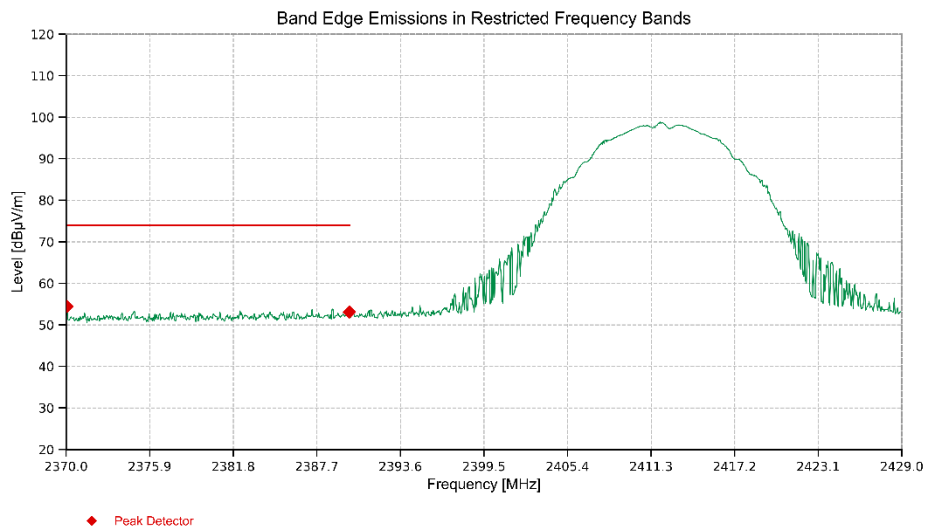
Temperature	22.5°C	Humidity	56%
Test Engineer	Tony Luo	Configurations	IEEE 802.11b/g/n
Test Volgate	DC 12V	/	/

Remark: Measured all modes and recorded worst case (802.11b for 20Mz Bandwidth).

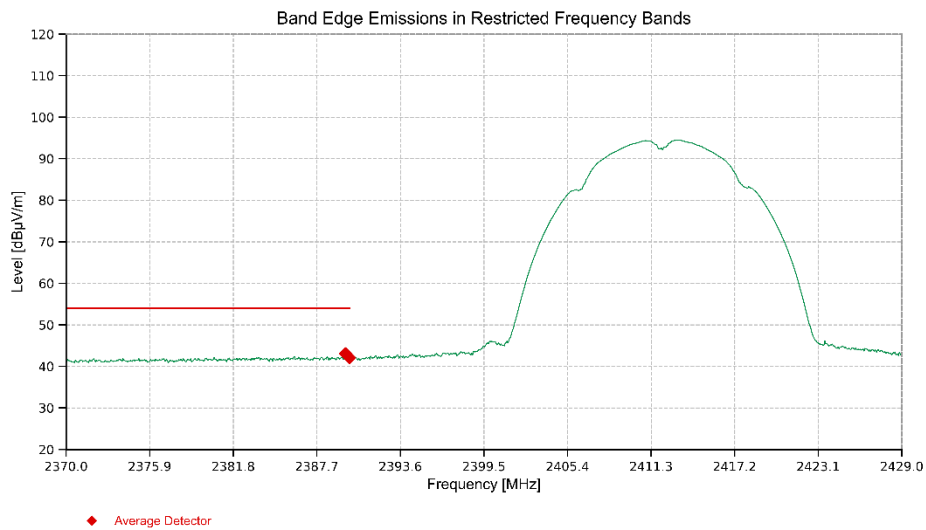




11b_ANT1_2412_1Mbps

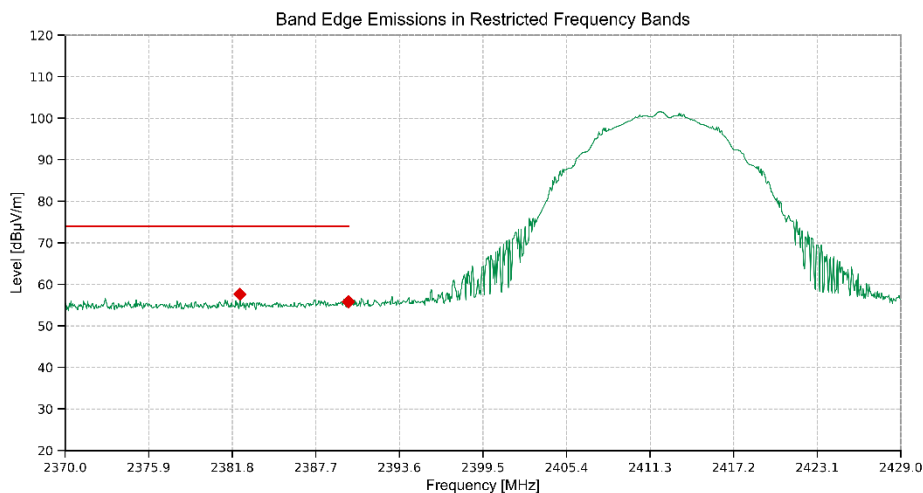


Freq. MHz	Reading dBμV	Ant. Fac. dB/m	Cable Loss dB	Level dBμV/m	Limit dBμV/m	Margin dB	Detector	Pol.
2370.06	15.60	29.99	8.35	53.94	74.00	20.06	Peak	Horizontal
2390.00	14.25	29.99	8.35	52.59	74.00	21.41	Peak	Horizontal



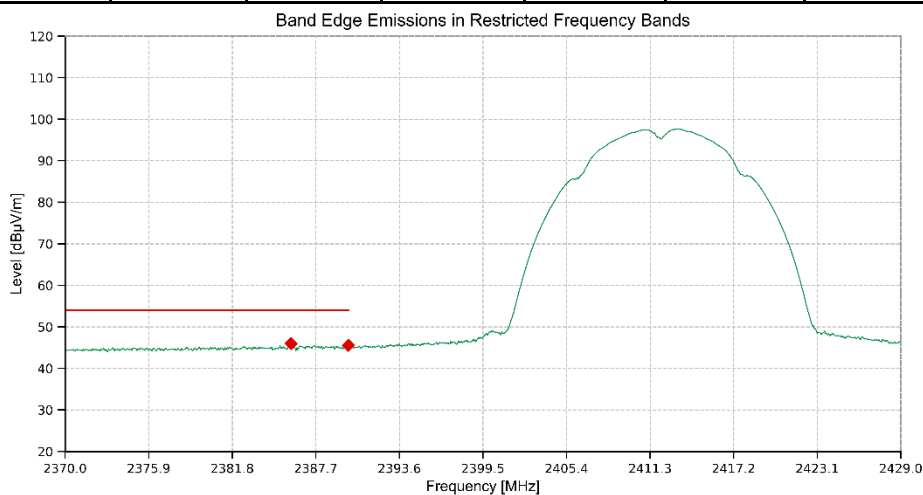
Freq. MHz	Reading dBμV	Ant. Fac. dB/m	Cable Loss dB	Level dBμV/m	Limit dBμV/m	Margin dB	Detector	Pol.
2389.73	4.23	29.99	8.35	42.57	54.00	11.43	Average	Horizontal
2390.00	3.27	29.99	8.35	41.61	54.00	12.39	Average	Horizontal





◆ Peak Detector

Freq. MHz	Reading dBμV	Ant. Fac. dB/m	Cable Loss dB	Level dBμV/m	Limit dBμV/m	Margin dB	Detector	Pol.
2382.34	18.78	29.99	8.35	57.12	74.00	16.88	Peak	Vertical
2390.00	16.97	29.99	8.35	55.31	74.00	18.69	Peak	Vertical



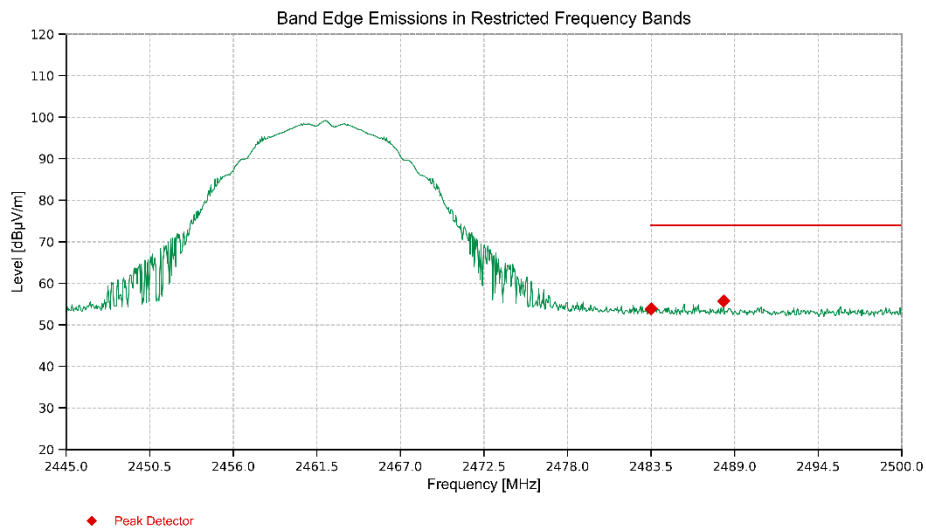
◆ Average Detector

Freq. MHz	Reading dBμV	Ant. Fac. dB/m	Cable Loss dB	Level dBμV/m	Limit dBμV/m	Margin dB	Detector	Pol.
2385.95	7.17	29.99	8.35	45.51	54.00	8.49	Average	Vertical
2390.00	6.73	29.99	8.35	45.07	54.00	8.93	Average	Vertical

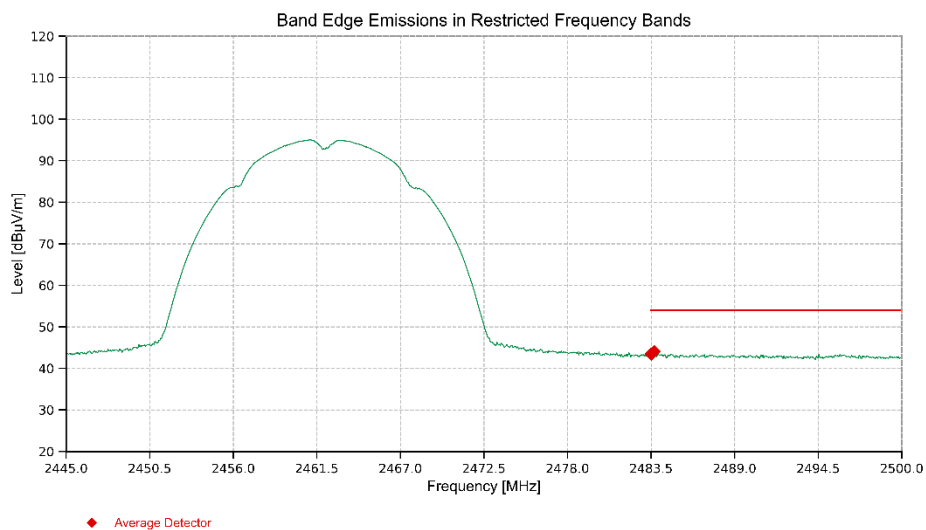




11b_ANT1_2462_1Mbps

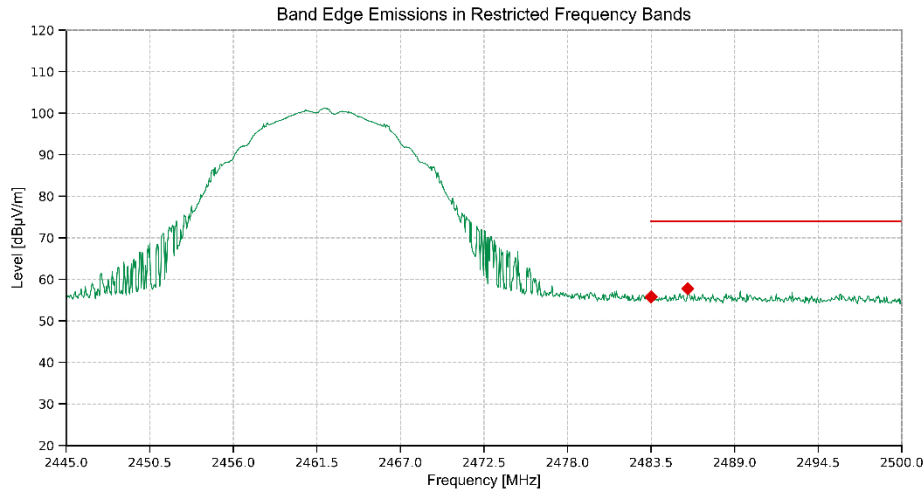


Freq. MHz	Reading dBμV	Ant. Fac. dB/m	Cable Loss dB	Level dBμV/m	Limit dBμV/m	Margin dB	Detector	Pol.
2488.27	16.48	30.25	8.50	55.23	74.00	18.77	Peak	Horizontal
2483.50	14.59	30.25	8.50	53.34	74.00	20.66	Peak	Horizontal



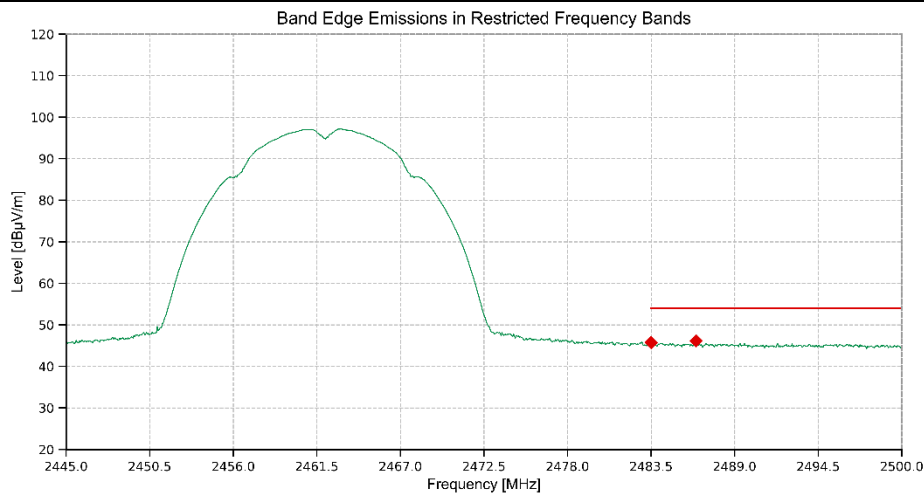
Freq. MHz	Reading dBμV	Ant. Fac. dB/m	Cable Loss dB	Level dBμV/m	Limit dBμV/m	Margin dB	Detector	Pol.
2483.70	4.79	30.25	8.50	43.54	54.00	10.46	Average	Horizontal
2483.50	4.18	30.25	8.50	42.93	54.00	11.07	Average	Horizontal





◆ Peak Detector

Freq. MHz	Reading dBμV	Ant. Fac. dB/m	Cable Loss dB	Level dBμV/m	Limit dBμV/m	Margin dB	Detector	Pol.
2485.91	18.52	30.25	8.50	57.27	74.00	16.73	Peak	Vertical
2483.50	16.52	30.25	8.50	55.27	74.00	18.73	Peak	Vertical



◆ Average Detector

Freq. MHz	Reading dBμV	Ant. Fac. dB/m	Cable Loss dB	Level dBμV/m	Limit dBμV/m	Margin dB	Detector	Pol.
2486.46	6.90	30.25	8.50	45.65	54.00	8.35	Average	Vertical
2483.50	6.50	30.25	8.50	45.25	54.00	8.75	Average	Vertical

Remark:

Result Level = Read Level + Antenna Factor + Cable loss.

Margin = Limit - Emission Level.





5.9. Antenna Requirements

5.9.1. Standard Applicable

According to antenna requirement of §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 re-placed by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of Sections 15.211, 15.213, 15.217, 15.219, or 15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with Section 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this Part are not exceeded.

And according to §15.247(4)(1), system operating in the 2400-2483.5MHz bands that are used exclusively for fixed, point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum peak output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

5.9.2. Antenna Connector Construction

The directional gains of antenna used for transmitting is refer to section 1.1 of this report, and the antenna is an internal antenna connect to PCB board and no consideration of replacement. Please see EUT photo for details.

5.9.3. Results

Compliance





6. LIST OF MEASURING EQUIPMENT

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Due Date
1	MXA Signal Analyzer	Keysight	N9020A	MY52091623	2026-01-11	2027-01-10
2	Power Sensor	Agilent	U2021XA	MY5365004	2026-01-11	2027-01-10
3	Power Meter	Agilent	U2531A	TW53323507	2026-01-11	2027-01-10
4	Loop Antenna	schwarzbeck	FMZB1519B	00023	2025-10-18	2028-10-17
5	Wideband Antenna	schwarzbeck	VULB 9163	958	2025-10-18	2028-10-17
6	Horn Antenna	schwarzbeck	BBHA 9120D	01989	2025-10-18	2028-10-17
7	EMI Test Receiver	R&S	ESCI	100849/003	2026-01-11	2027-01-10
8	Controller	MF	MF7802	N/A	N/A	N/A
9	Amplifier	schwarzbeck	BBV 9743	209	2026-01-11	2027-01-10
10	Amplifier	Tonscend	TSAMP-0518SE	--	2026-01-11	2027-01-10
11	RF Cable(below 1GHz)	HUBER+SUHNER	RG214	N/A	2026-01-11	2027-01-10
12	RF Cable(above 1GHz)	HUBER+SUHNER	RG214	N/A	2026-01-11	2027-01-10
13	Amplifier	Chengyi	EMC184045SE	980508	2026-01-11	2027-01-10
14	Horn Antenna	A-INFO	LB-180400-KF	J211020657	2025-10-18	2028-10-17
15	Spectrum Analyzer	R&S	FSV40	101321	2026-01-11	2027-01-10
16	Fixed Attenuator	Mini circuits	BW-S6-2W263A+	N/A	2026-01-11	2027-01-10

Test software used:

Item	Test Software	Manufacturer	Name	Version
1	RE test software	Tonscend	JS32-RE	V5.0.0.0
2	Test Software	Tonscend	JS1120-3	V3.2.22





7. TEST SETUP Photographs of EUT

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

8. EXTERIOR PHOTOGRAPHS OF THE EUT

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

9. INTERIOR PHOTOGRAPHS OF THE EUT

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

-----THE END OF REPORT-----

