



FCC RF Test Report

APPLICANT : Espressif Systems (Shanghai) Co.,Ltd.
EQUIPMENT : 2.4G Wi-Fi & Bluetooth IoT Module
BRAND NAME : ESPRESSIF
MODEL NAME : EK058
FCC ID : 2AC7Z-EK058
STANDARD : FCC Part 15 Subpart C §15.247
CLASSIFICATION : (DTS) Digital Transmission System
TEST DATE(S) : Jul. 26, 2022 ~ Aug. 08, 2022

We, Sporton International Inc. (Kunshan), would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

Jason Jia

Approved by: Jason Jia



Sporton International Inc. (Kunshan)

**No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China**



TABLE OF CONTENTS

REVISION HISTORY..... 3

SUMMARY OF TEST RESULT 4

1 GENERAL DESCRIPTION 5

 1.1 Applicant 5

 1.2 Manufacturer 5

 1.3 Product Feature of Equipment Under Test..... 5

 1.4 Product Specification of Equipment Under Test..... 5

 1.5 Modification of EUT 5

 1.6 Testing Location 6

 1.7 Test Software..... 6

 1.8 Applicable Standards..... 6

2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST 7

 2.1 Carrier Frequency and Channel 7

 2.2 Test Mode..... 8

 2.3 Connection Diagram of Test System..... 9

 2.4 Support Unit used in test configuration and system 10

 2.5 EUT Operation Test Setup 10

 2.6 Measurement Results Explanation Example..... 10

3 TEST RESULT..... 11

 3.1 6dB and 99% Bandwidth Measurement 11

 3.2 Output Power Measurement..... 13

 3.3 Power Spectral Density Measurement 14

 3.4 Conducted Band Edges and Spurious Emission Measurement 16

 3.5 Radiated Band Edges and Spurious Emission Measurement 29

 3.6 AC Conducted Emission Measurement..... 33

 3.7 Antenna Requirements 35

4 LIST OF MEASURING EQUIPMENT 36

5 UNCERTAINTY OF EVALUATION 37

APPENDIX A. CONDUCTED TEST RESULTS

APPENDIX B. AC CONDUCTED EMISSION TEST RESULT

APPENDIX C. RADIATED SPURIOUS EMISSION

APPENDIX D. RADIATED SPURIOUS EMISSION PLOTS

APPENDIX E. DUTY CYCLE PLOTS

APPENDIX F. SETUP PHOTOGRAPHS



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR263001C	Rev. 01	Initial issue of report	Sep. 09, 2022



SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	15.247(a)(2)	6dB Bandwidth	≥ 0.5MHz	Pass	-
3.1	-	99% Bandwidth	-	Report Only	-
3.2	15.247(b)	Power Output Measurement	≤ 30dBm	Pass	-
3.3	15.247(e)	Power Spectral Density	≤ 8dBm/3kHz	Pass	-
3.4	15.247(d)	Conducted Band Edges	≤ 20dBc	Pass	-
		Conducted Spurious Emission		Pass	-
3.5	15.247(d)	Radiated Band Edges and Radiated Spurious Emission	15.209(a) & 15.247(d)	Pass	Under limit 1.51 dB at 2483.500 MHz
3.6	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 9.05 dB at 0.155 MHz
3.7	15.203 & 15.247(b)	Antenna Requirement	15.203 & 15.247(b)	Pass	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.



1 General Description

1.1 Applicant

Espressif Systems (Shanghai) Co.,Ltd.

Suite 204, Block 2, 690 Bibo Road, Zhang Jiang Hi-Tech Park, Shanghai, China

1.2 Manufacturer

Espressif Systems (Shanghai) Co.,Ltd.

Suite 204, Block 2, 690 Bibo Road, Zhang Jiang Hi-Tech Park, Shanghai, China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	2.4G Wi-Fi & Bluetooth IoT Module
Brand Name	ESPRESSIF
Model Name	EK058
FCC ID	2AC7Z-EK058
HW Version	V1.1
SW Version	V1.1.3.0
SN Code	Radiation:C4DEE21CF9B8 Conducted: C4DEE21D2530 Conduction: C4DEE21D4618
EUT Stage	Production Unit

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Channel Frequency Range	2412 MHz ~ 2462 MHz
Maximum (Peak) Output Power to antenna	802.11b : 21.09 dBm (0.1285 W) 802.11g : 22.38 dBm (0.1730 W) 802.11n HT20 : 22.70 dBm (0.1862 W) 802.11n HT40 : 21.90 dBm (0.1549 W)
99% Occupied Bandwidth	802.11b : 13.24MHz 802.11g : 16.93MHz 802.11n HT20 : 17.43MHz 802.11n HT40 : 34.27MHz
Antenna Type / Gain	PCB Antenna with gain 3.26 dBi
Type of Modulation	802.11b : DSSS (DBPSK / DQPSK / CCK) 802.11g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)

1.5 Modification of EUT

No modifications are made to the EUT during all test items.



1.6 Testing Location

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158 FAX : +86-512-57900958		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	CO01-KS 03CH05-KS TH01-KS	CN1257	314309

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH05-KS	AUDIX	E3	6.2009-8-24a1
2.	CO01-KS	AUDIX	E3	6.2009-8-24

1.8 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR Part 15 Subpart C §15.247
- FCC KDB 558074 D01 15.247 Meas Guidance v05r02
- ANSI C63.10-2013

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.



2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
2400-2483.5 MHz	1	2412	7	2442
	2	2417	8	2447
	3	2422	9	2452
	4	2427	10	2457
	5	2432	11	2462
	6	2437		



2.2 Test Mode

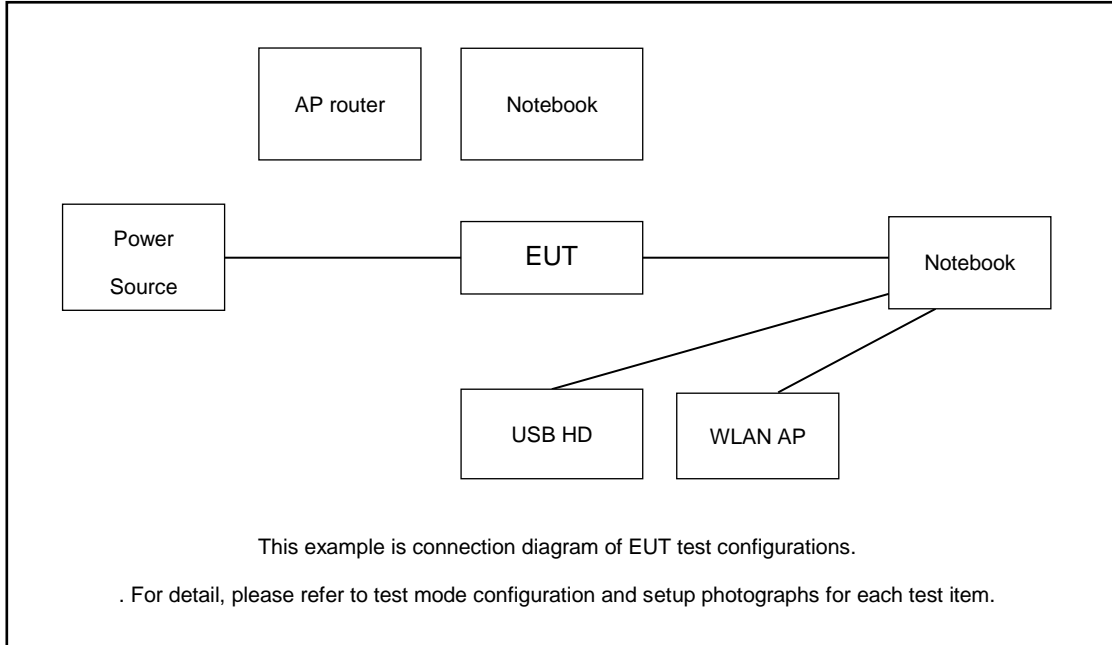
Final test modes are considering the modulation and worse data rates as below table.

Modulation	Data Rate
802.11b	1 Mbps
802.11g	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0

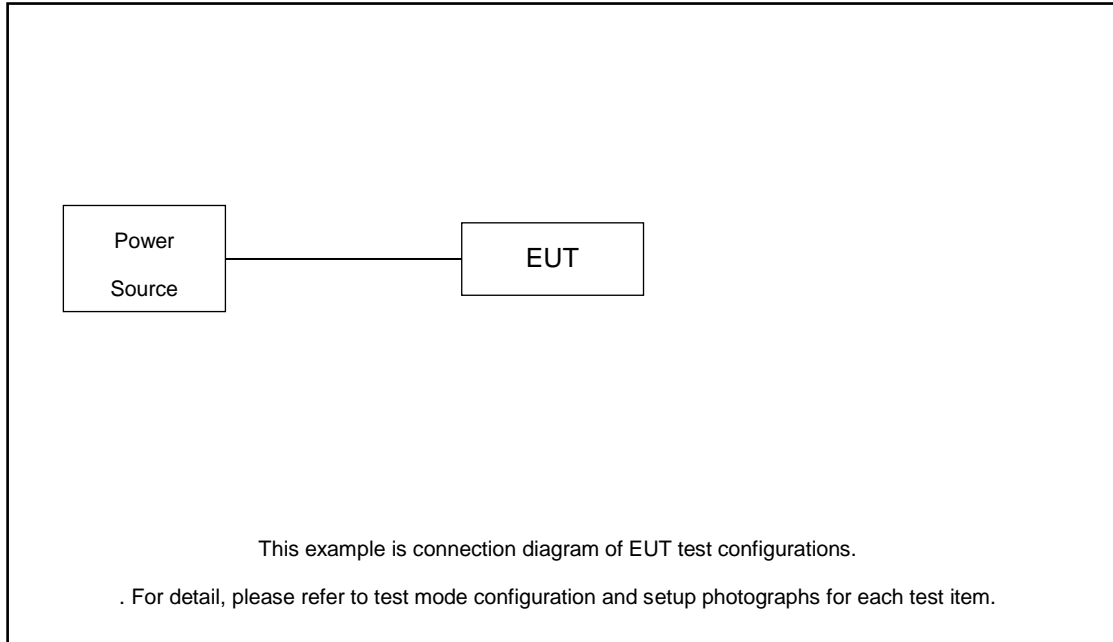
Test Cases	
AC Conducted Emission	Mode 1 :Bluetooth TX + WLAN Link (2.4G) + Notebook Charging
Remark: 1. For Radiated Test Cases, The tests were performed with Notebook.	

2.3 Connection Diagram of Test System

< AC Conducted Emission >



< Radiated Emission >



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	D-link	DIR-655	KA21R655B1	N/A	Unshielded, 1.8m
2.	Notebook	Lenovo	V130-14IKB004	N/A	N/A	shielded cable DC O/P 1.8m , Unshielded AC I/P cable 1.8m
3.	Test Jig	N/A	N/A	N/A	N/A	N/A
4.	Hard Disk	Lenovo	F310	DoC	Shielded, 1.2m	N/A

2.5 EUT Operation Test Setup

For WLAN RF test items, an engineering test program was provided and enabled to make EUT continuous transmit.

For AC power line conducted emissions, the EUT was set to connect with the WLAN AP under large package sizes transmission.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example:

The spectrum analyzer offset is derived from RF cable loss.

Offset = RF cable loss.

Following shows an offset computation example with cable loss 5.6 dB.

Offset(dB) = RF cable loss(dB).

=5.6 (dB)

3 Test Result

3.1 6dB and 99% Bandwidth Measurement

3.1.1 Limit of 6dB and 99% Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

1. The testing follows ANSI C63.10-2013 clause 11.8
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6 dB bandwidth must be greater than 500 kHz.
5. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1% to 5% of the 99% OBW and the VBW is set to 3 times of the RBW.
6. Measure and record the results in the test report.

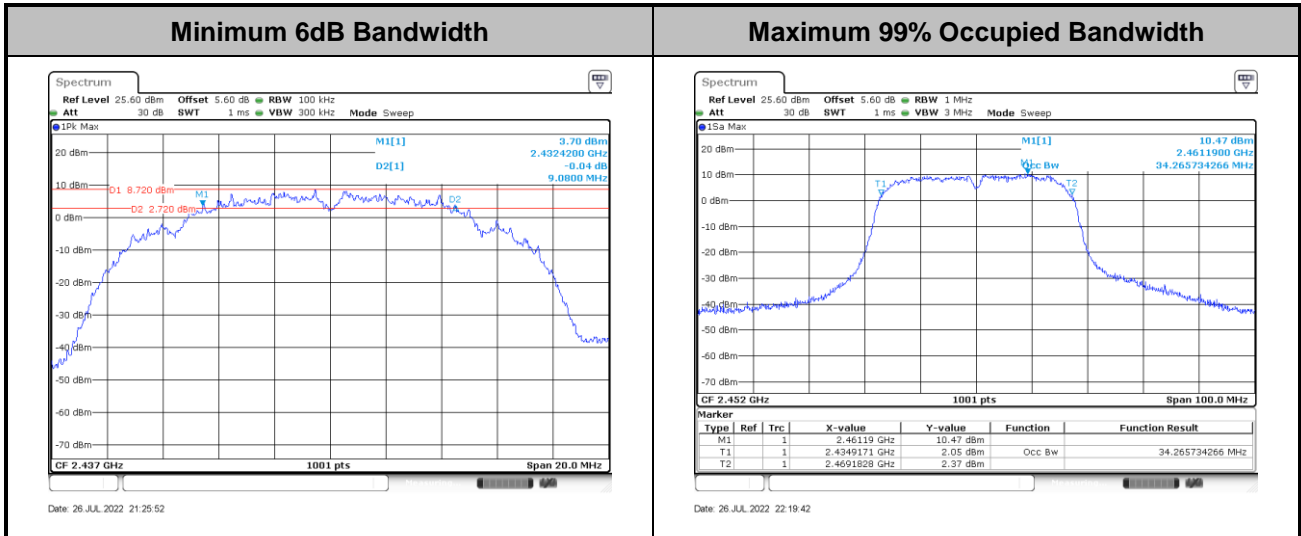
3.1.4 Test Setup





3.1.5 Test Result of 6dB and 99% Occupied Bandwidth

Please refer to Appendix A.



Note : The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

3.2 Output Power Measurement

3.2.1 Limit of Output Power

For systems using digital modulation in the 2400-2483.5MHz, the limit for peak output power is 30dBm. If transmitting antenna with directional gain greater than 6dBi is used, the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. 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.

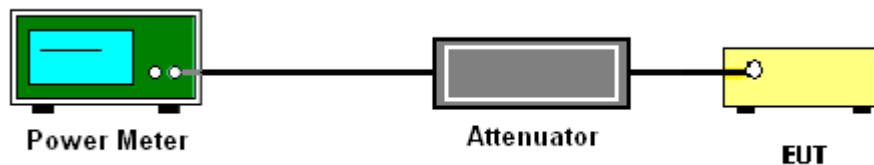
3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.2.3 Test Procedures

1. The testing follows the Measurement Procedure of ANSI C63.10-2013 clause 11.9.1.3 PKPM1 Peak power meter or ANSI C63.10-2013 clause 11.9.2.3.1 Method AVGPM method.
2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Measure the conducted output power and record the results in the test report.

3.2.4 Test Setup



3.2.5 Test Result of Peak Output Power

Please refer to Appendix A.

3.2.6 Test Result of Average Output Power (Reporting Only)

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

The peak power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.

3.3.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.3.3 Test Procedures

1. The testing follows Measurement Procedure of ANSI C63.10-2013 clause 11.10.2 Method PKPSD.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 3 kHz. Video bandwidth VBW = 10 kHz In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6dB BW)
5. Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level.
6. Measure and record the results in the test report.

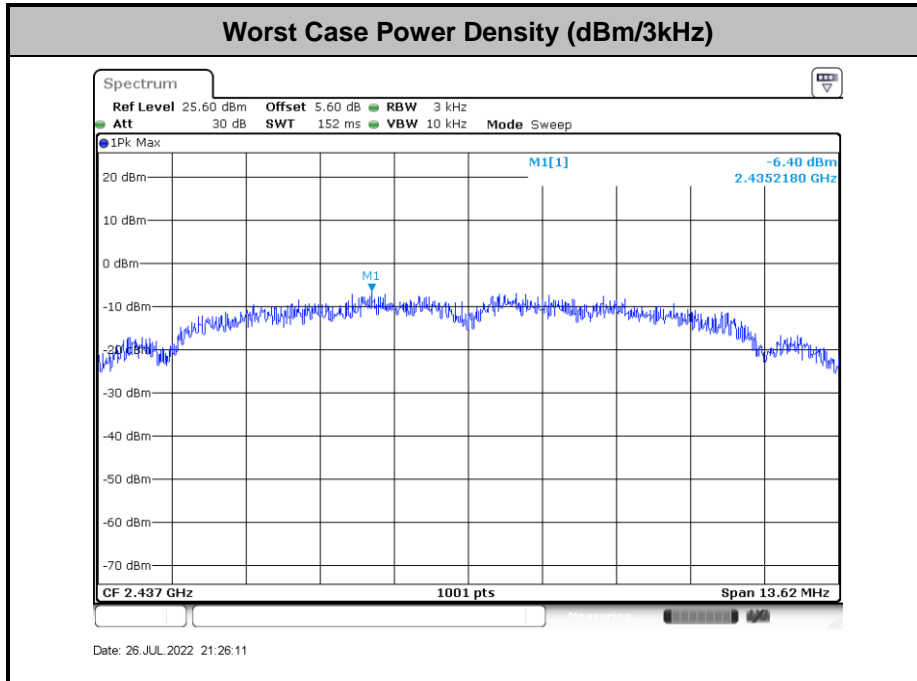
3.3.4 Test Setup





3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



3.4 Conducted Band Edges and Spurious Emission Measurement

3.4.1 Limit of Conducted Band Edges and Spurious Emission Measurement

In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB / 30dB relative to the maximum PSD level in 100 kHz by RF conducted measurement.

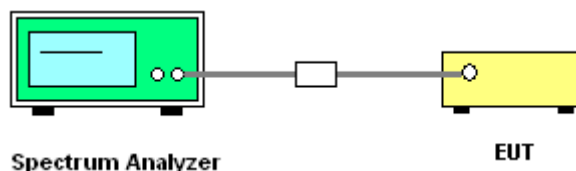
3.4.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.4.3 Test Procedures

1. The testing follows ANSI C63.10-2013 clause 11.13
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d).
5. Measure and record the results in the test report.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.4.4 Test Setup

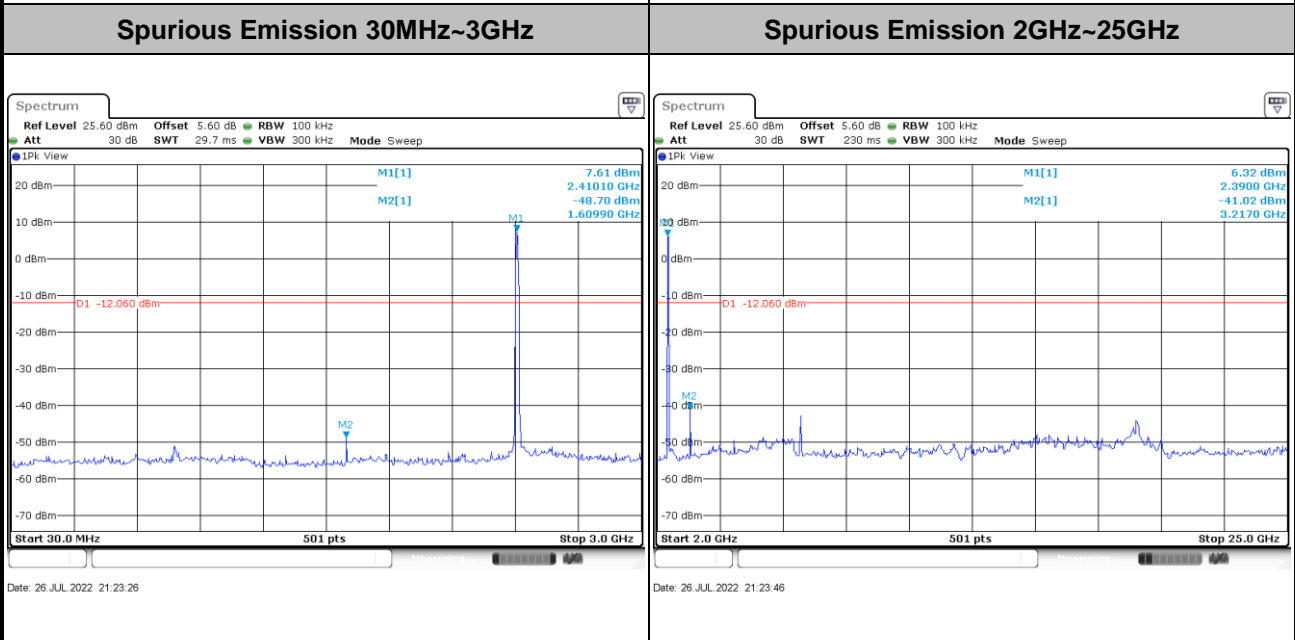
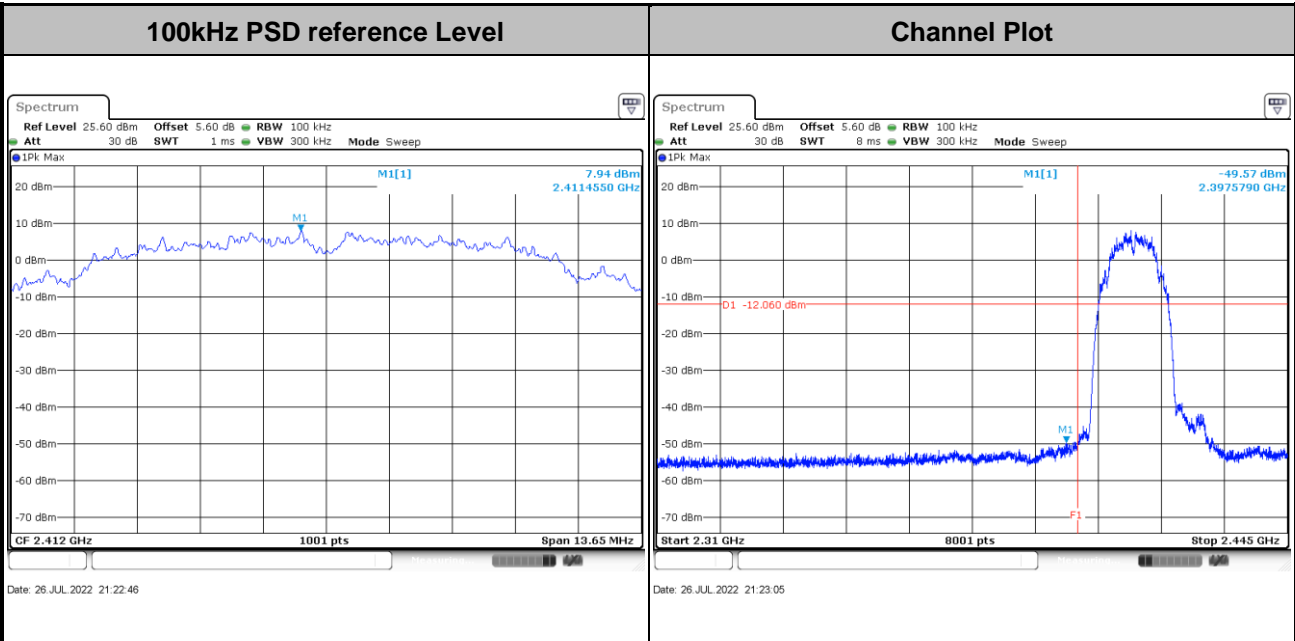




3.4.5 Test Result of Conducted Band Edges and Spurious Emission

Test Engineer : Jacob Zhang	Temperature : 21~25°C
	Relative Humidity : 51~54%

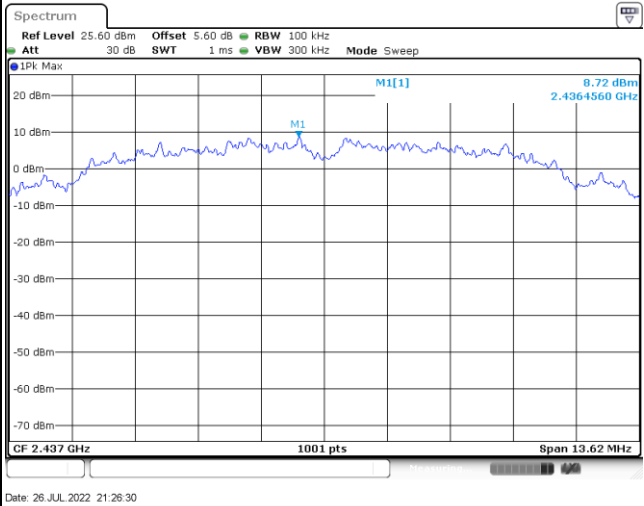
Test Mode : 802.11b	Test Channel : 01
---------------------	-------------------





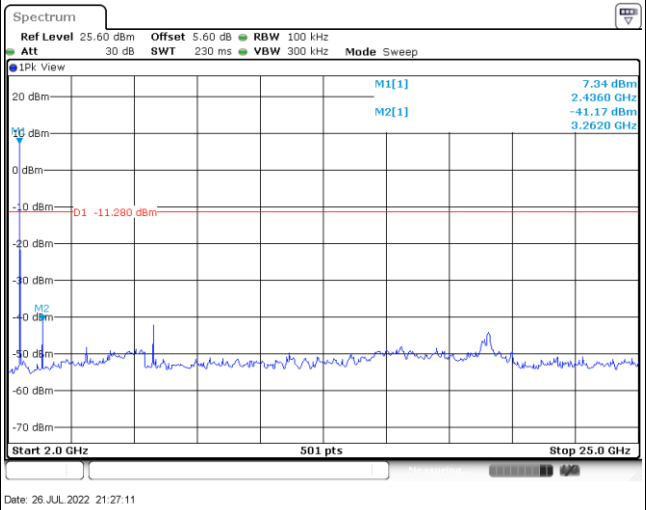
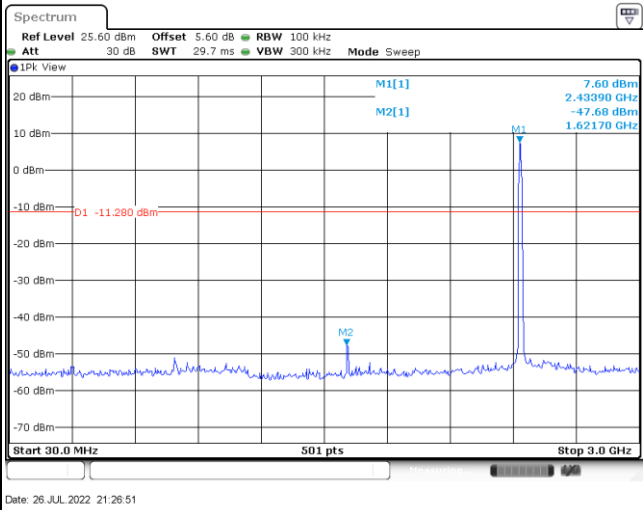
Test Mode :	802.11b	Test Channel :	06
-------------	---------	----------------	----

100kHz PSD reference Level	Channel Plot
-----------------------------------	---------------------



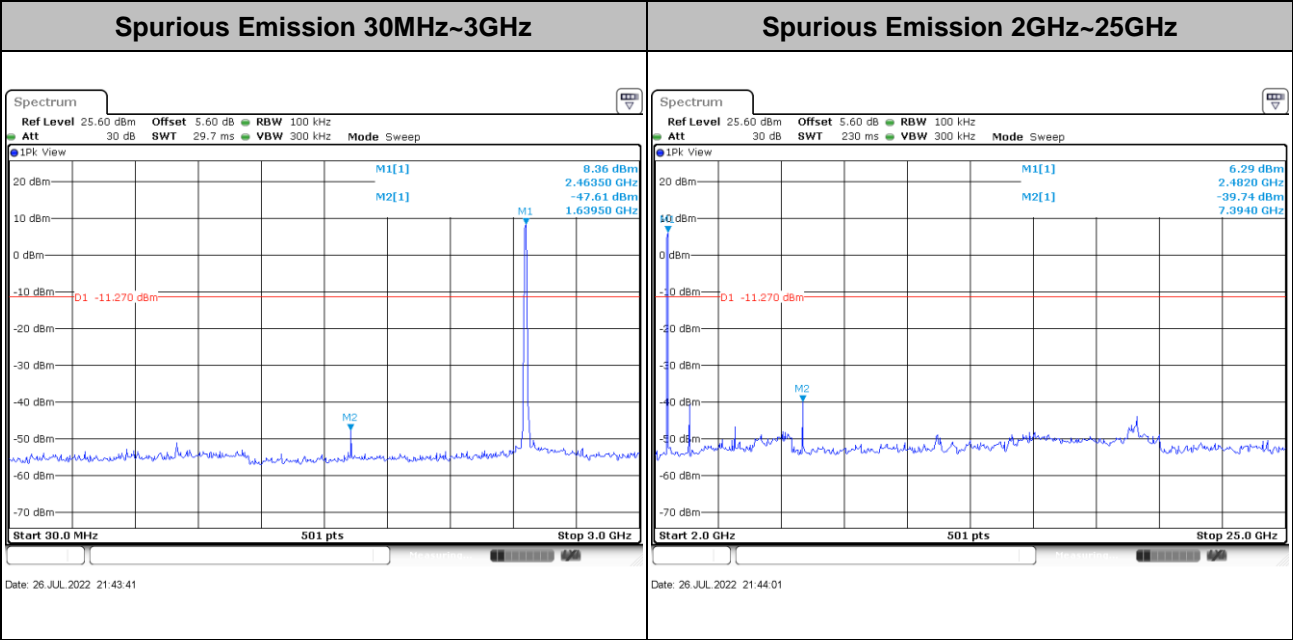
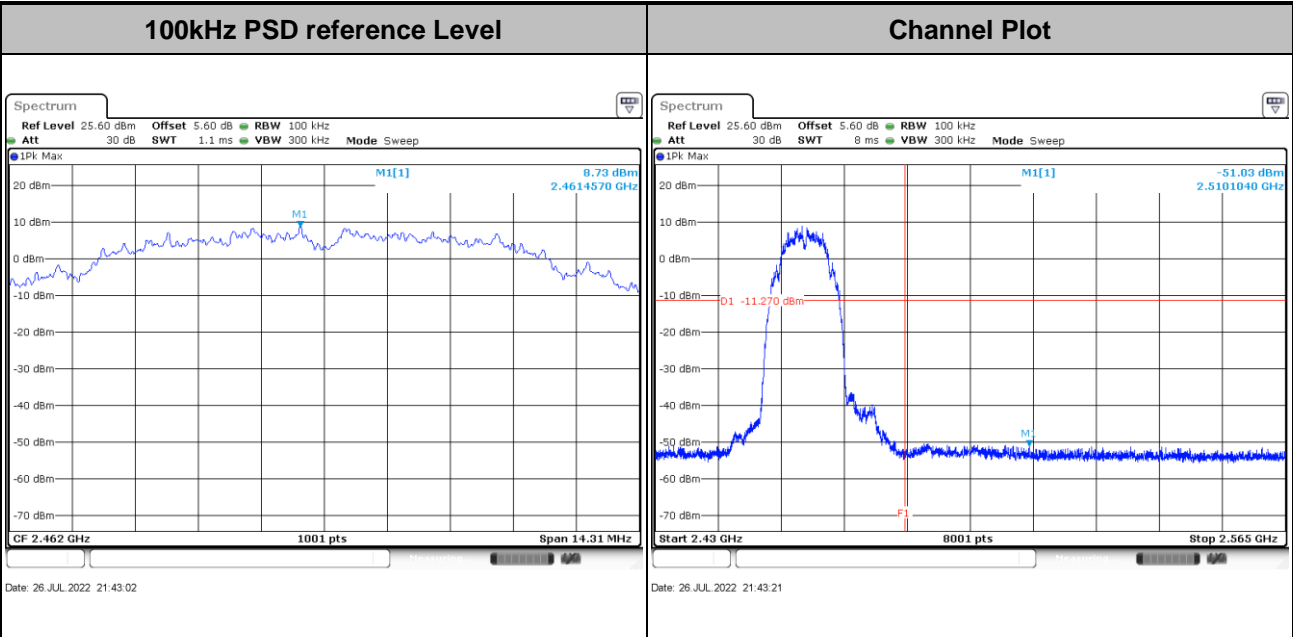
Spurious Emission 30MHz~3GHz

Spurious Emission 2GHz~25GHz



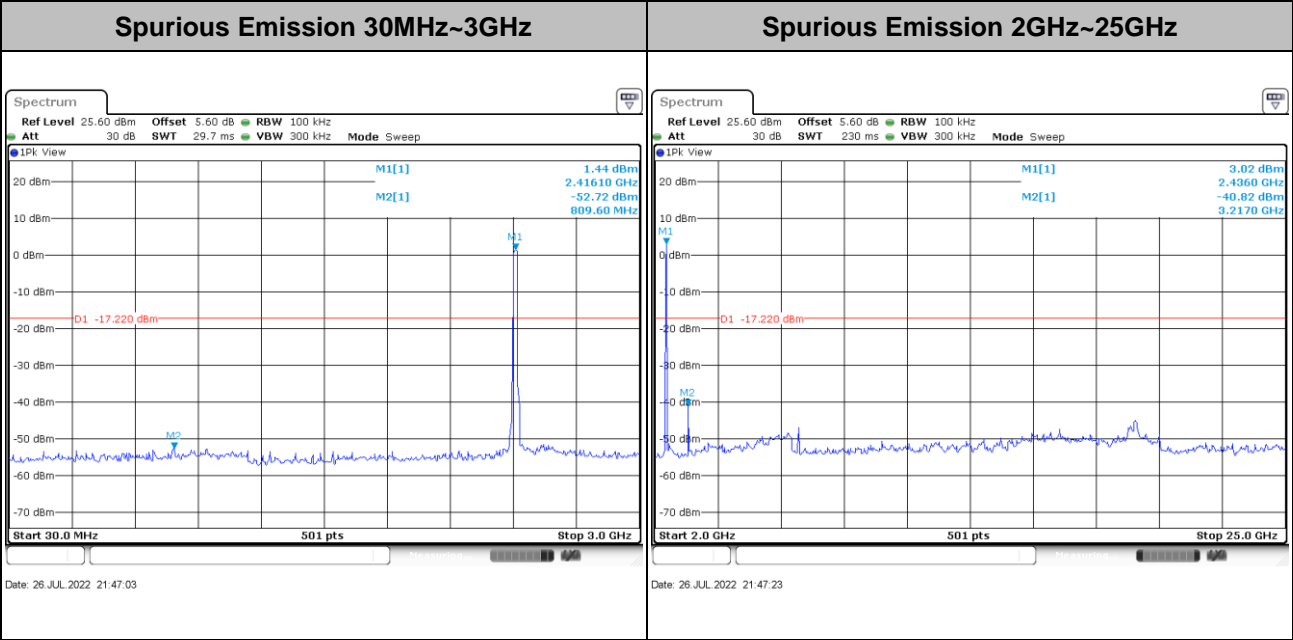
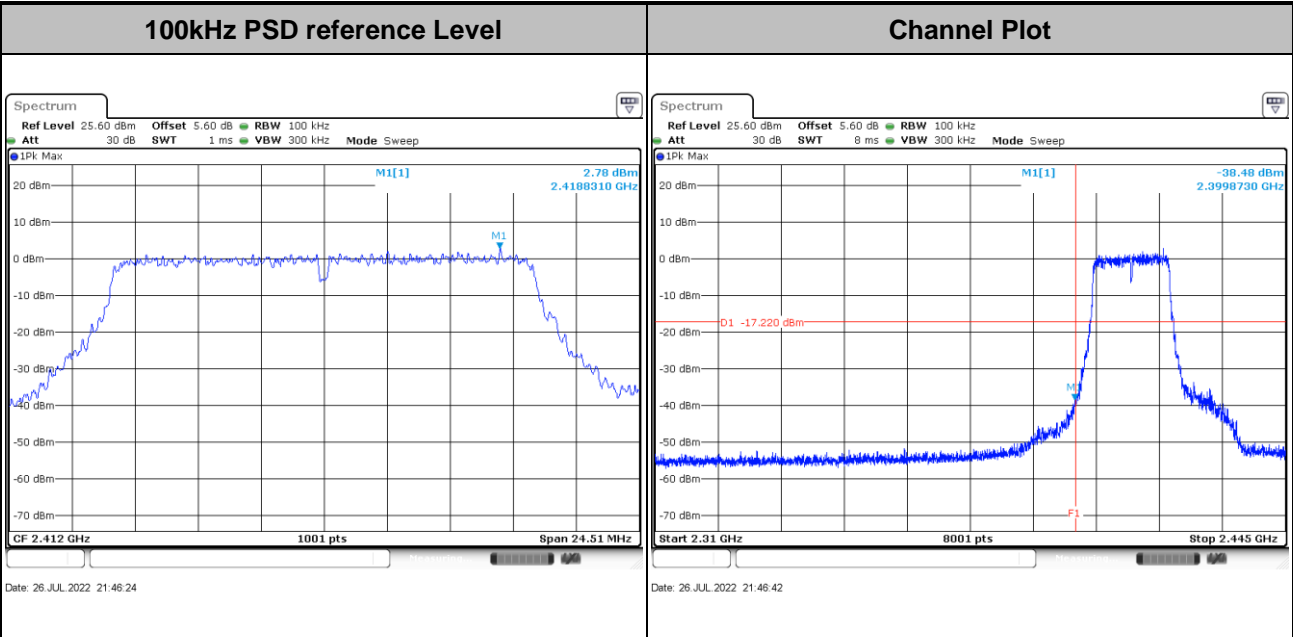


Test Mode :	802.11b	Test Channel :	11
-------------	---------	----------------	----



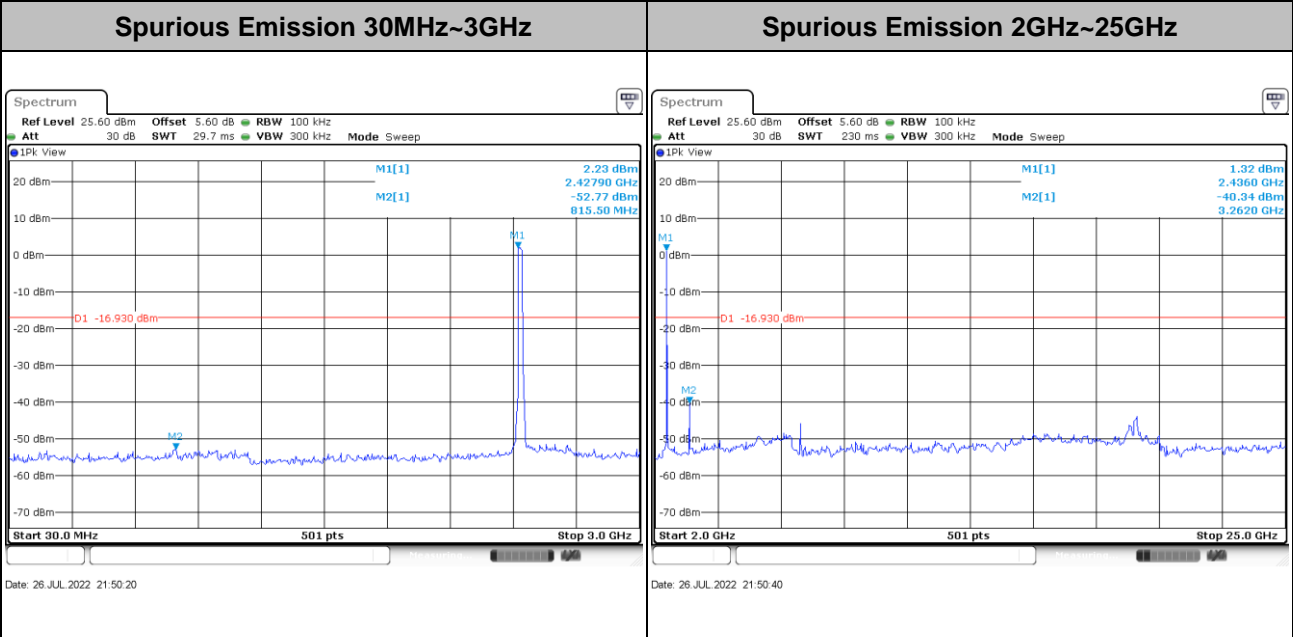
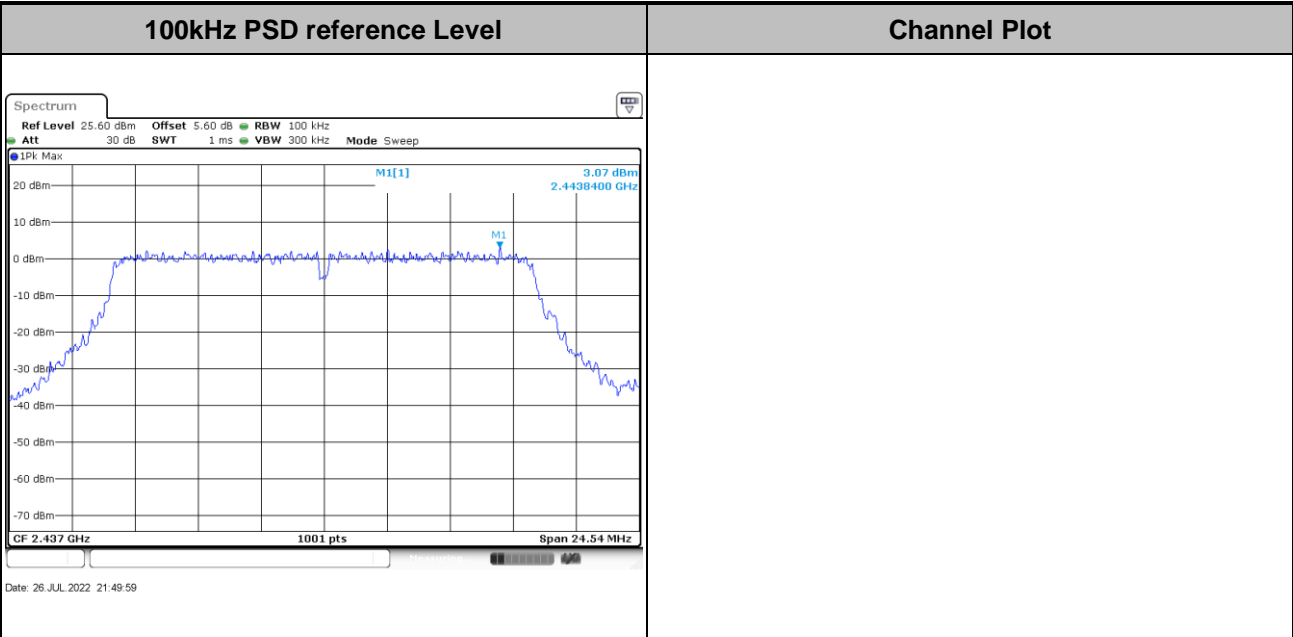


Test Mode : 802.11g Test Channel : 01



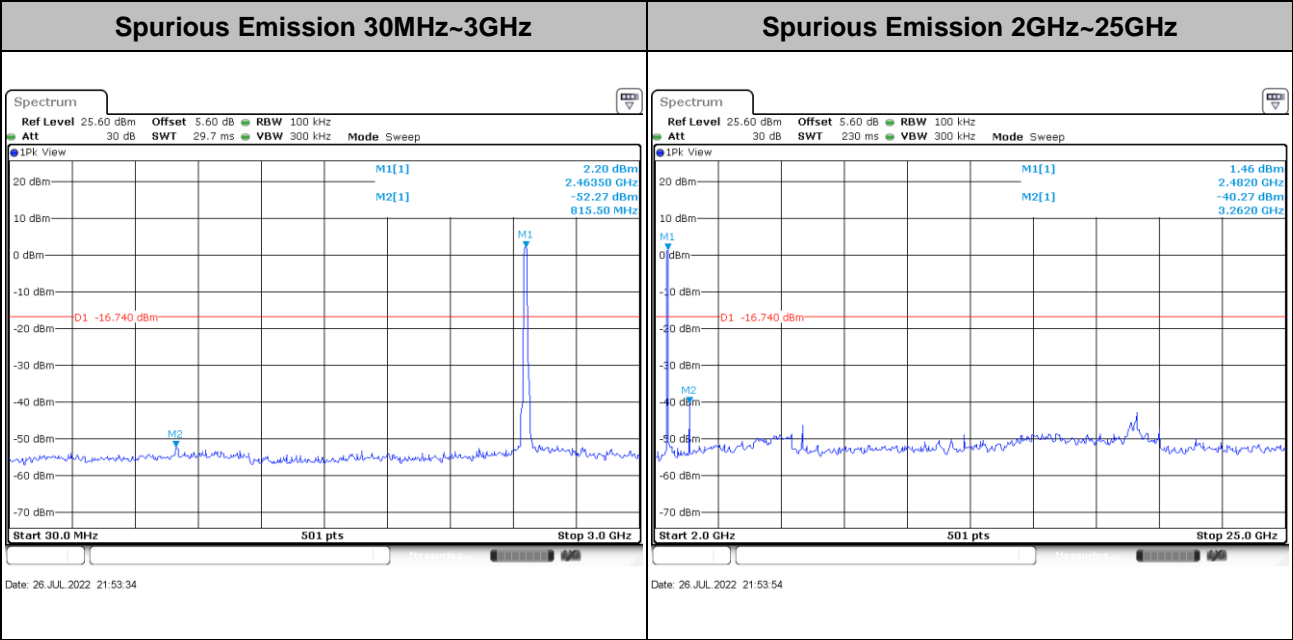
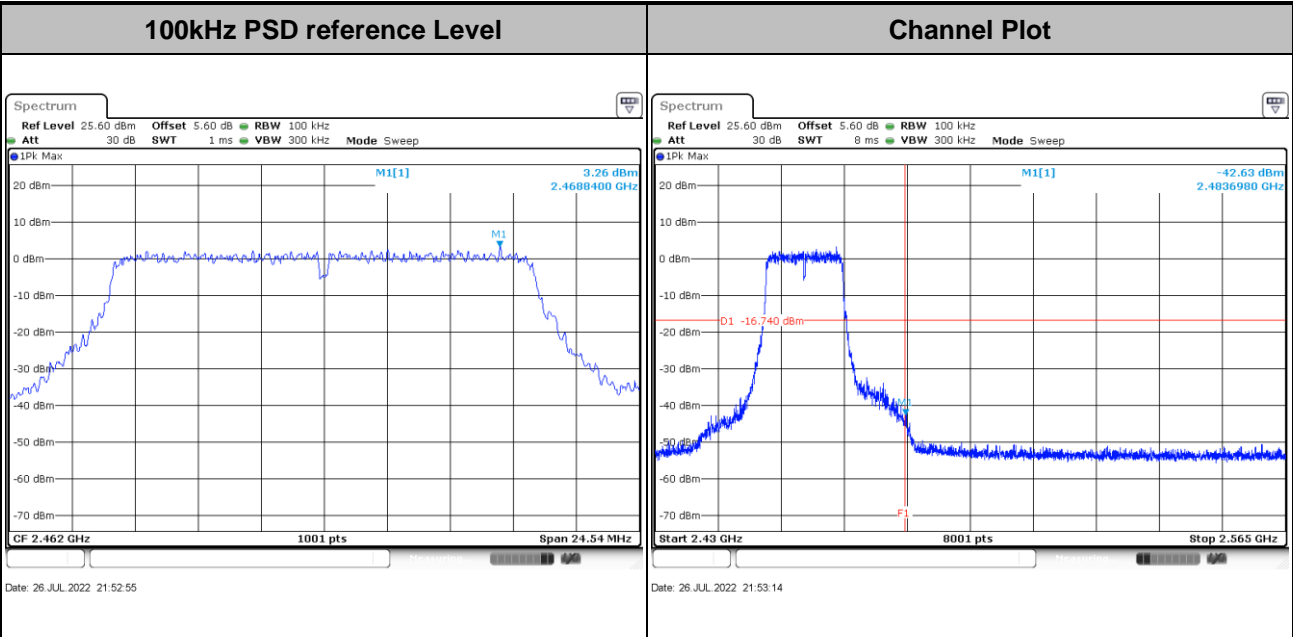


Test Mode :	802.11g	Test Channel :	06
-------------	---------	----------------	----



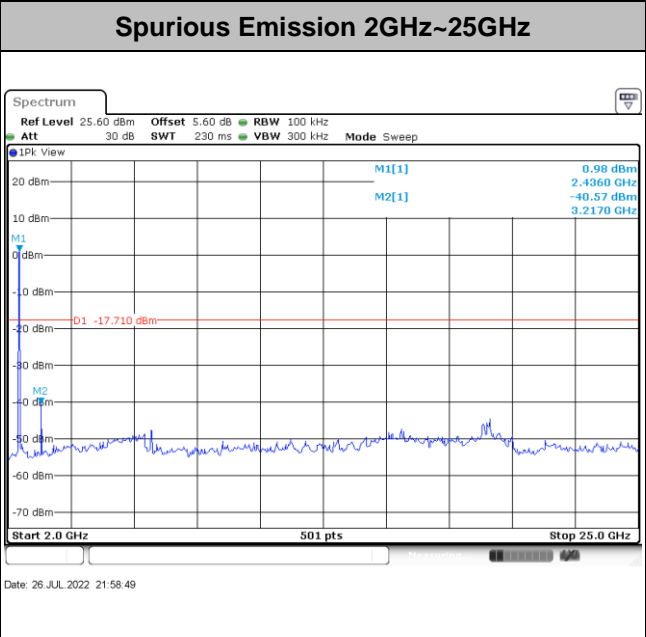
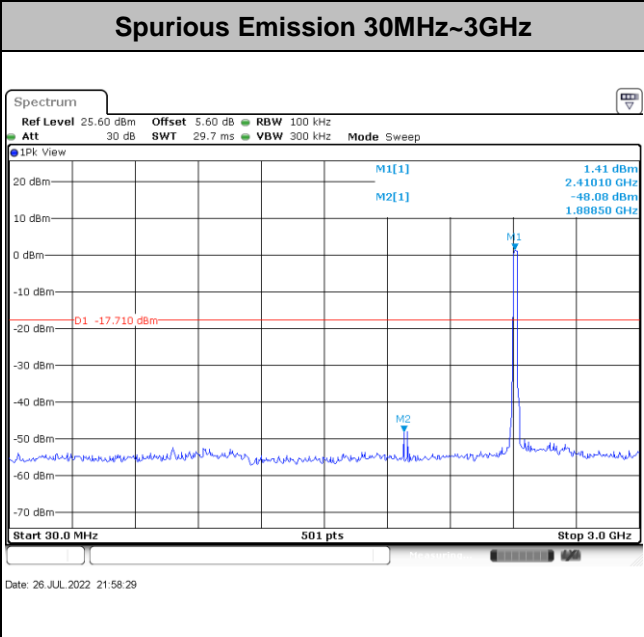
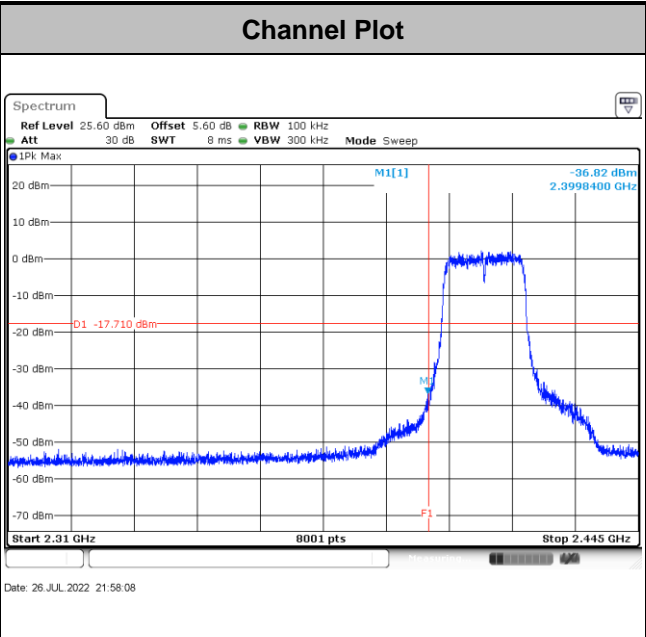
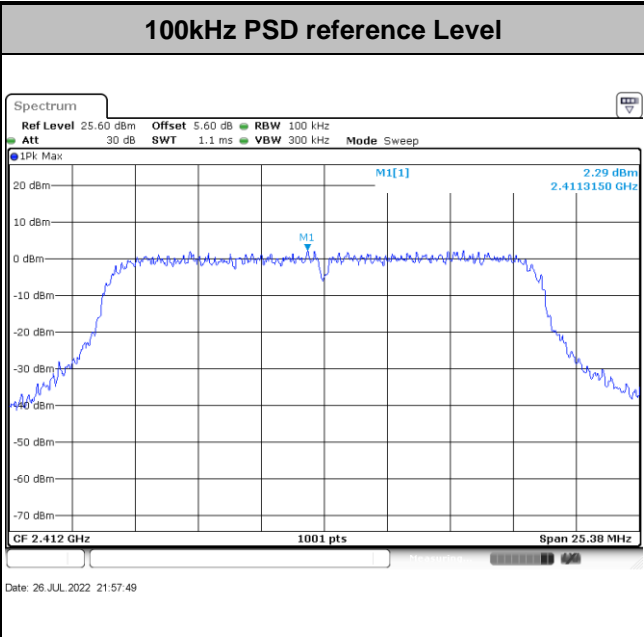


Test Mode :	802.11g	Test Channel :	11
-------------	---------	----------------	----



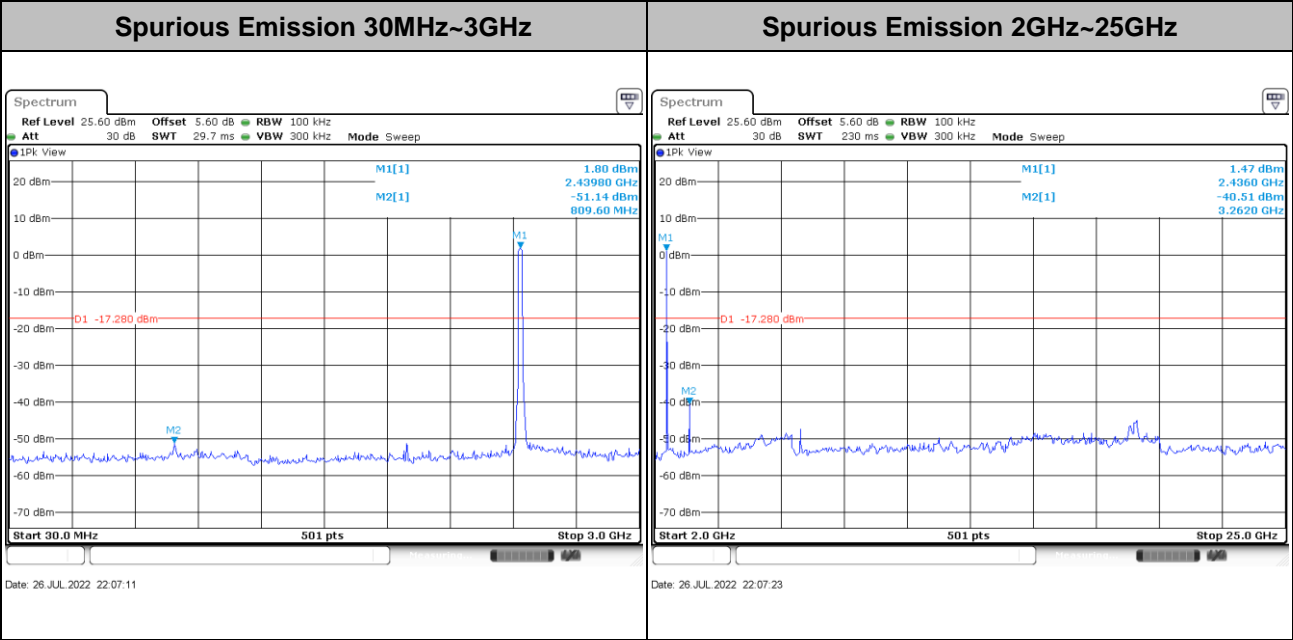
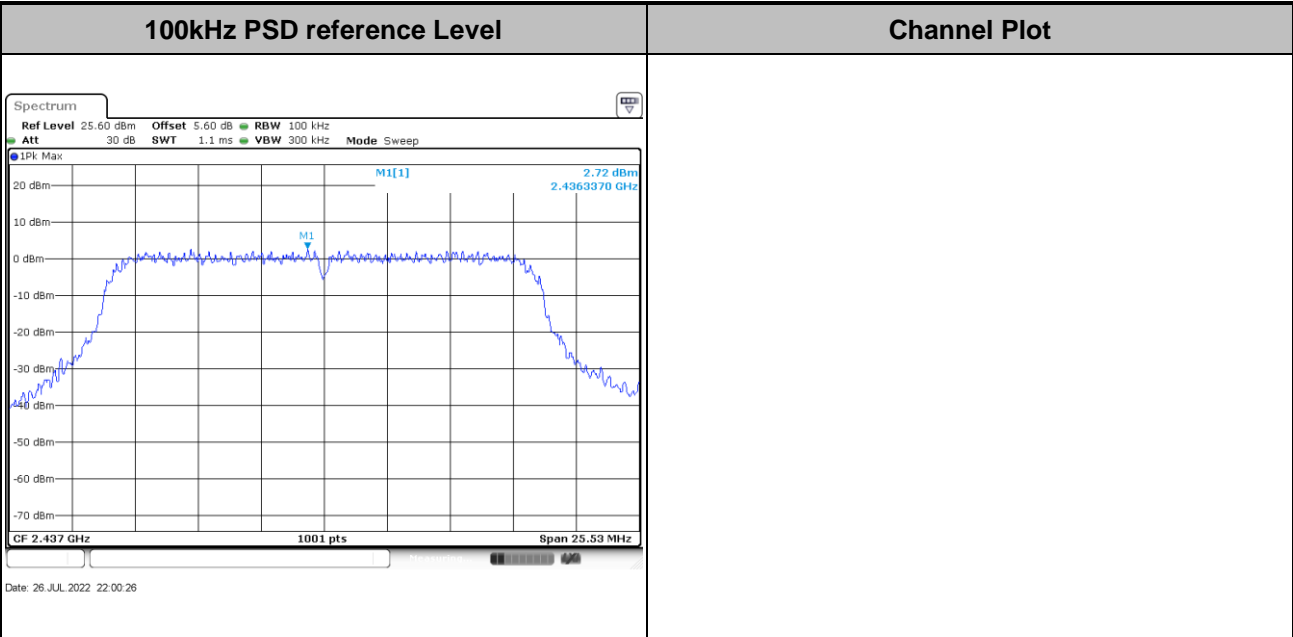


Test Mode : 802.11n HT20 Test Channel : 01



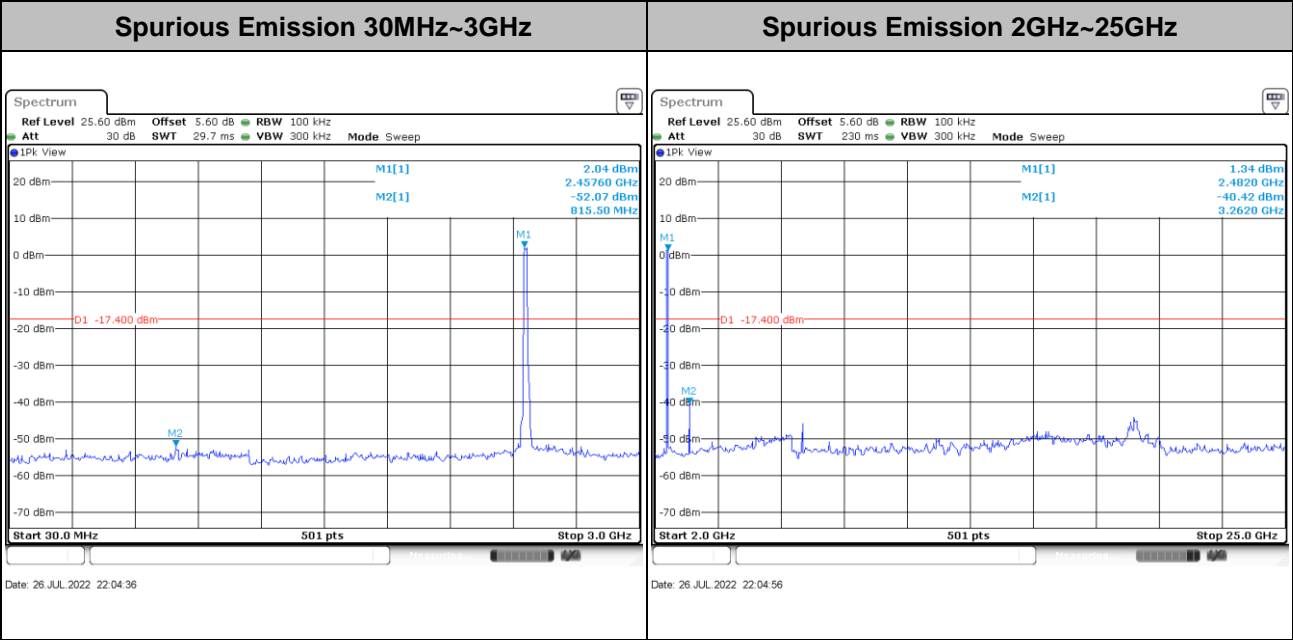
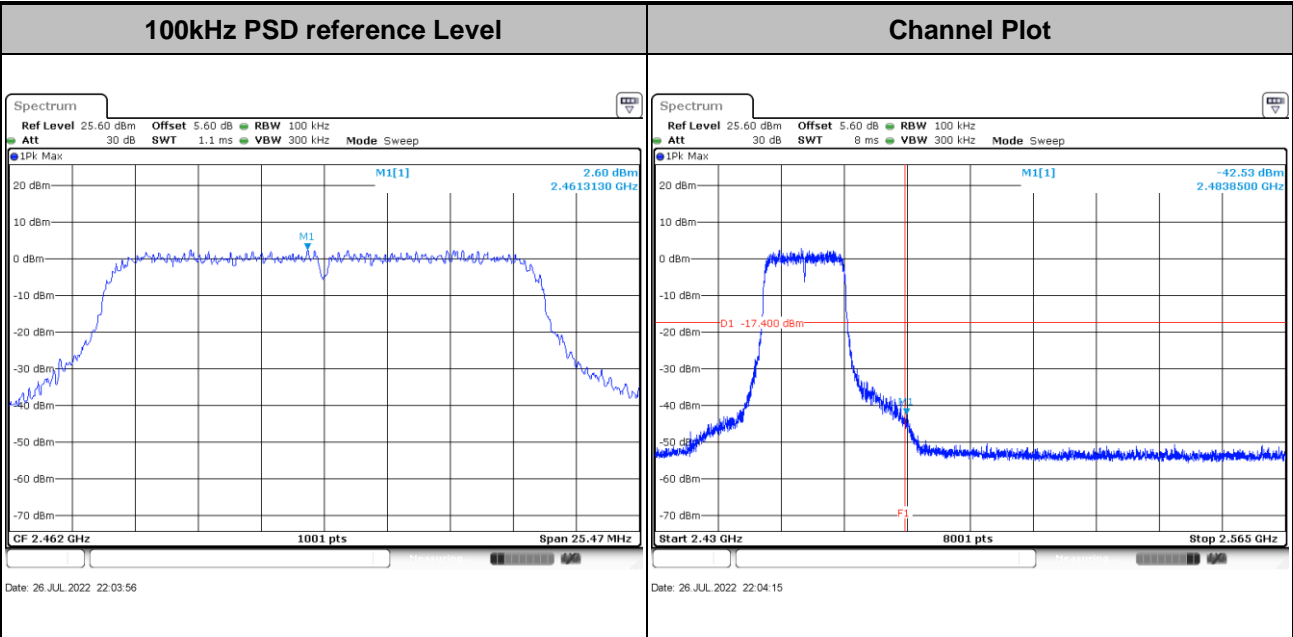


Test Mode :	802.11n HT20	Test Channel :	06
-------------	--------------	----------------	----



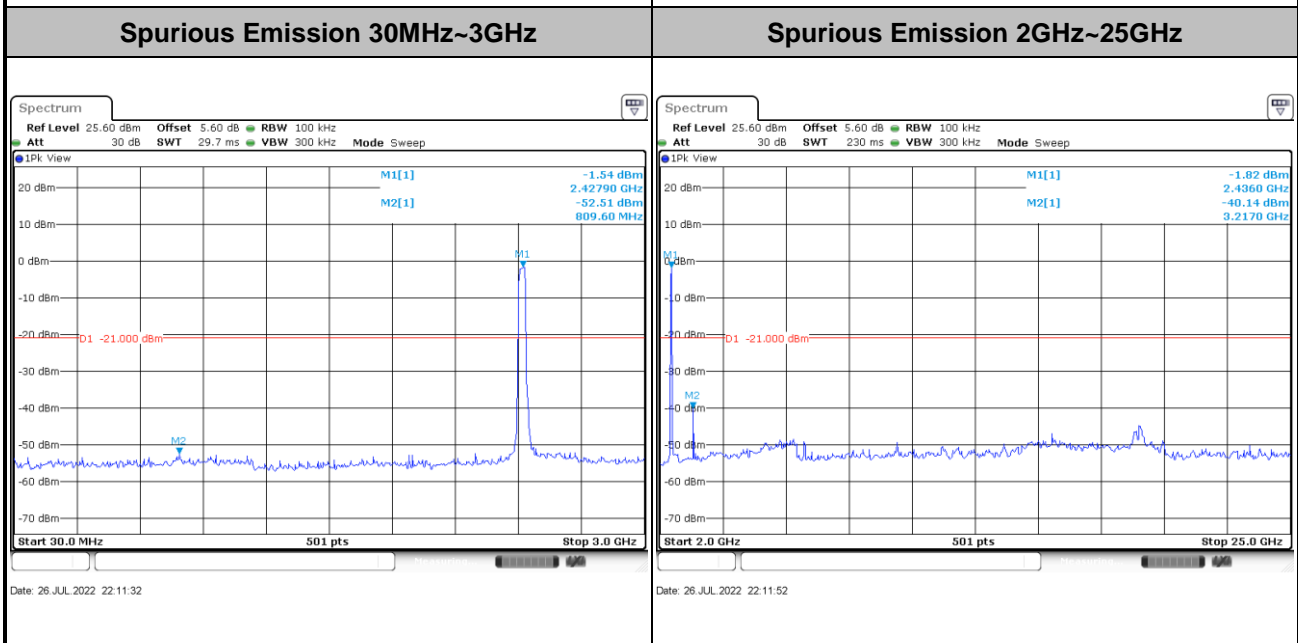
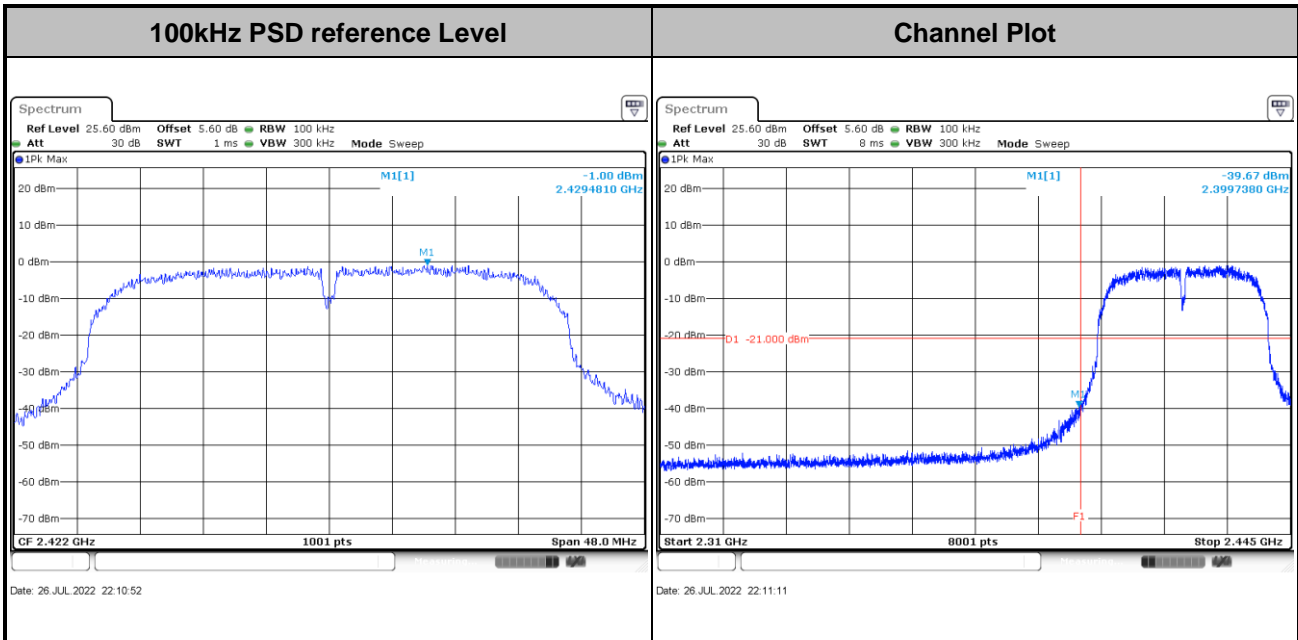


Test Mode :	802.11n HT20	Test Channel :	11
-------------	--------------	----------------	----



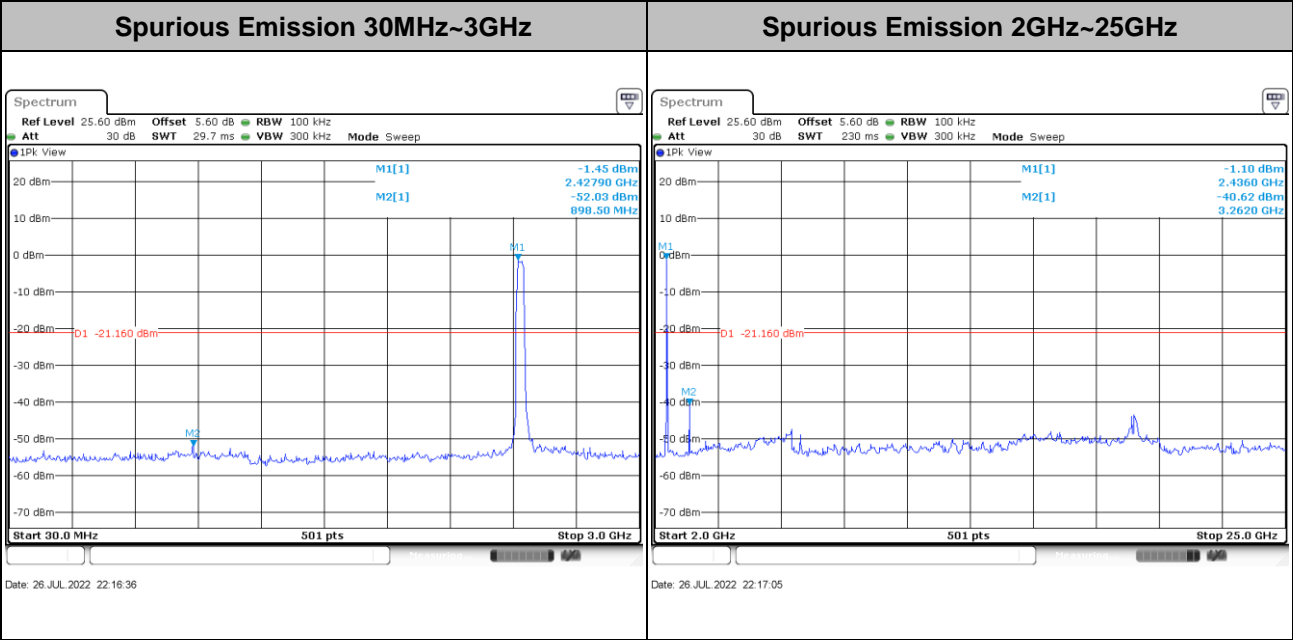
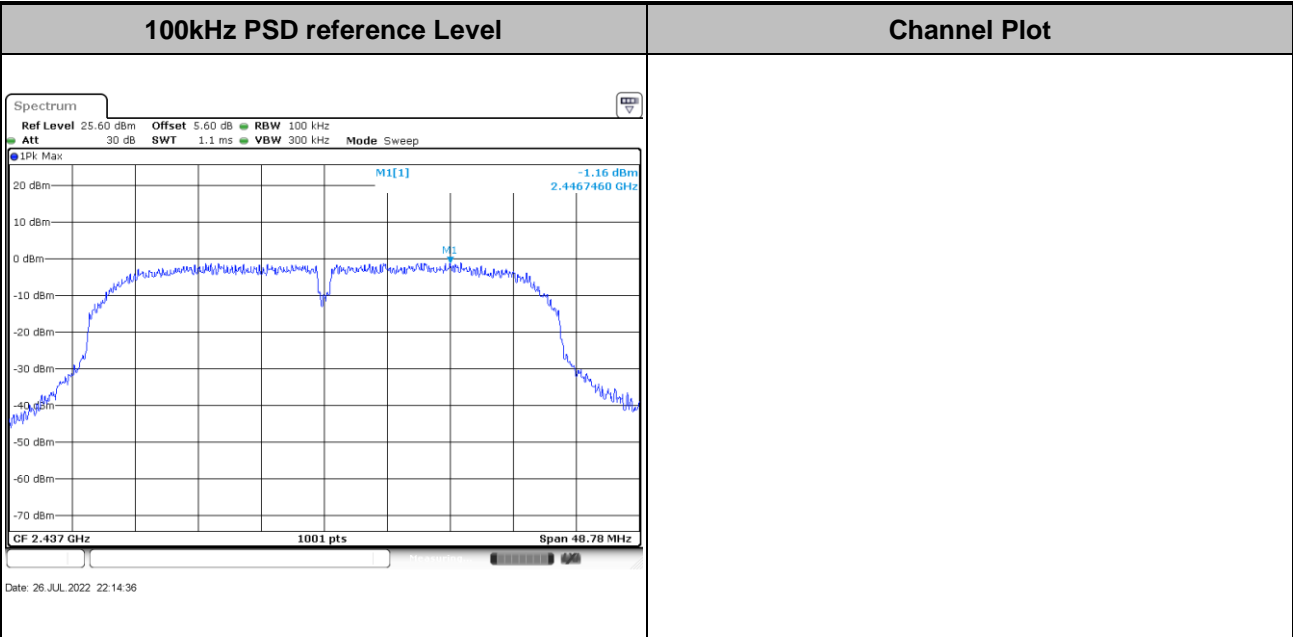


Test Mode :	802.11n HT40	Test Channel :	03
-------------	--------------	----------------	----



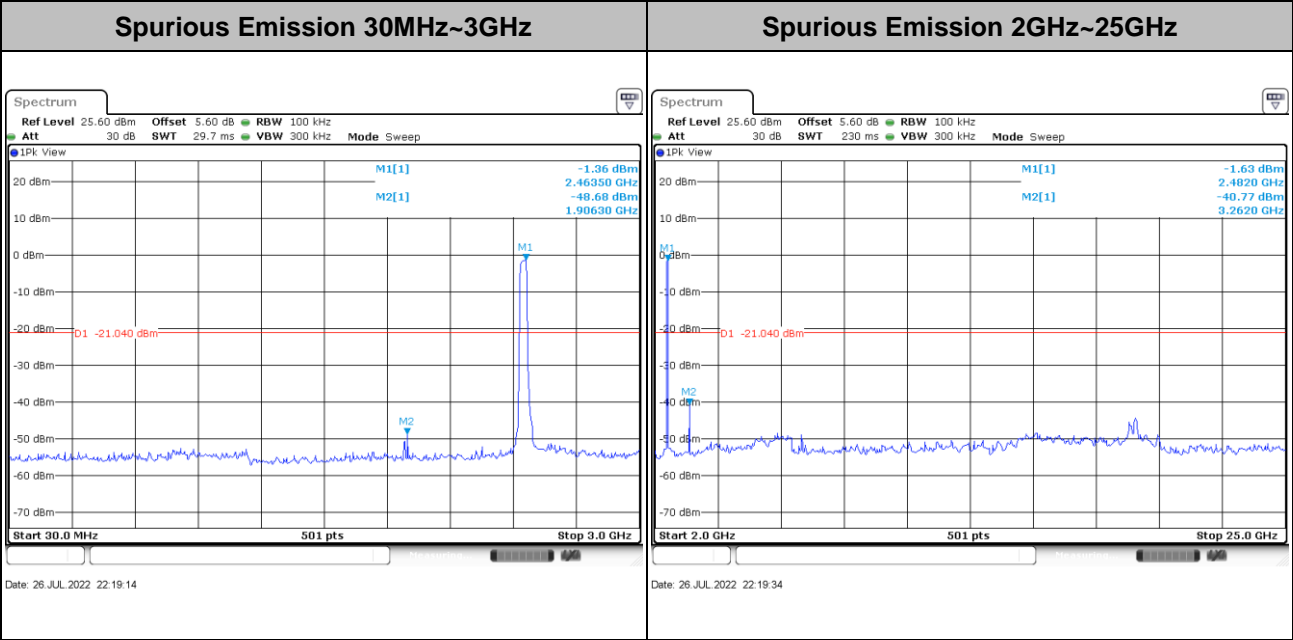
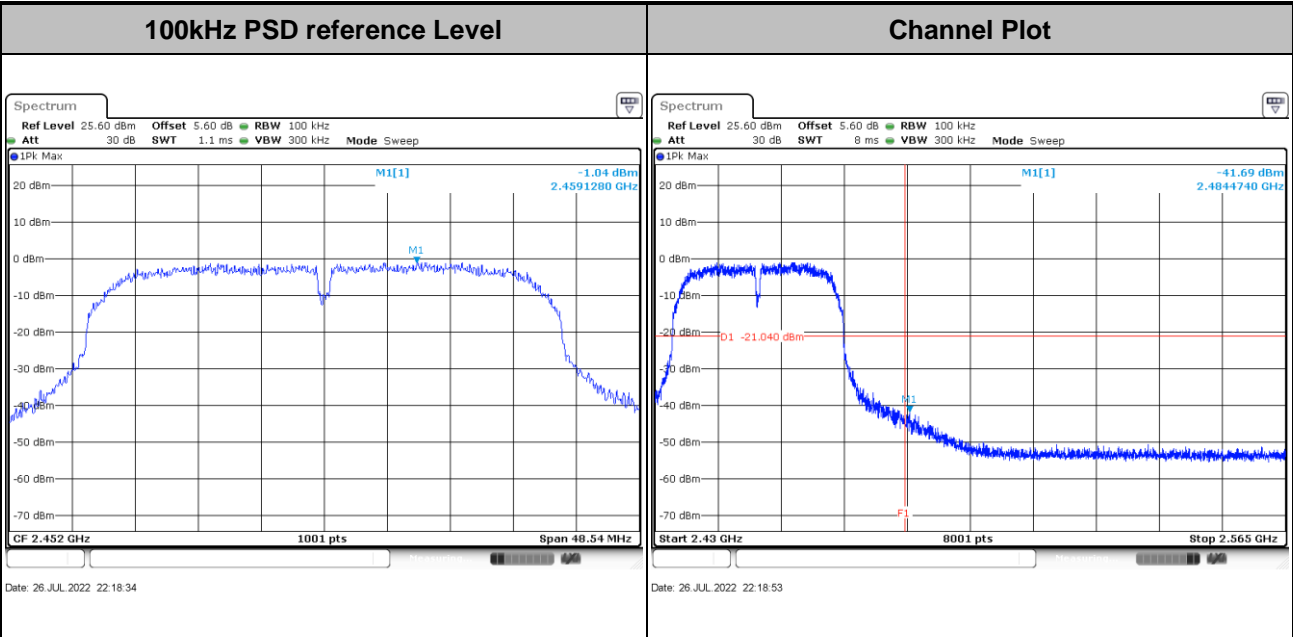


Test Mode :	802.11n HT40	Test Channel :	06
-------------	--------------	----------------	----





Test Mode : 802.11n HT40 Test Channel : 09





3.5 Radiated Band Edges and Spurious Emission Measurement

3.5.1 Limit of Radiated band edge and Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device was measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

Frequency (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

3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

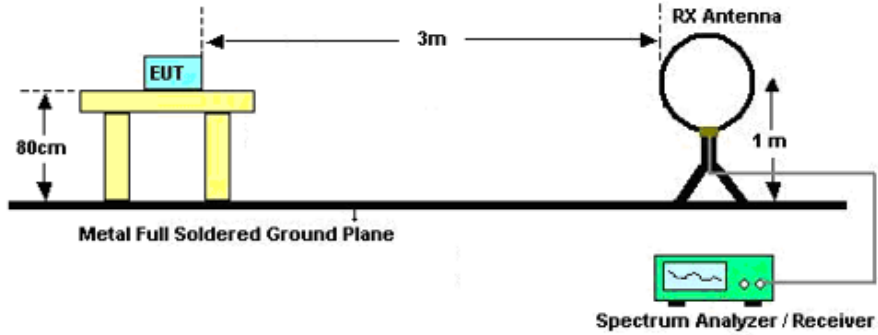


3.5.3 Test Procedures

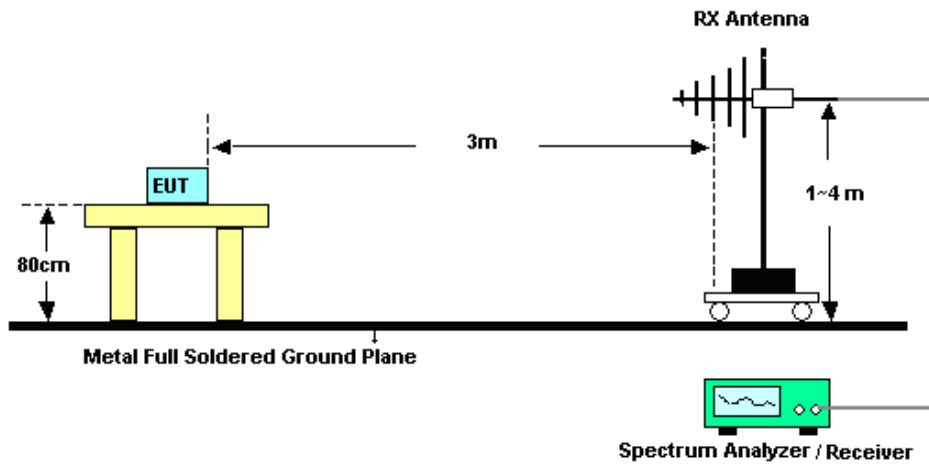
1. The testing follows ANSI C63.10-2013 clause 11.11 & 11.12
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than peak limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
8. Use the following spectrum analyzer settings:
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Set RBW=100 kHz for $f < 1$ GHz; VBW \geq RBW; Sweep = auto; Detector function = peak; Trace = max hold;
 - (3) Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement.
For average measurement:
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

3.5.4 Test Setup

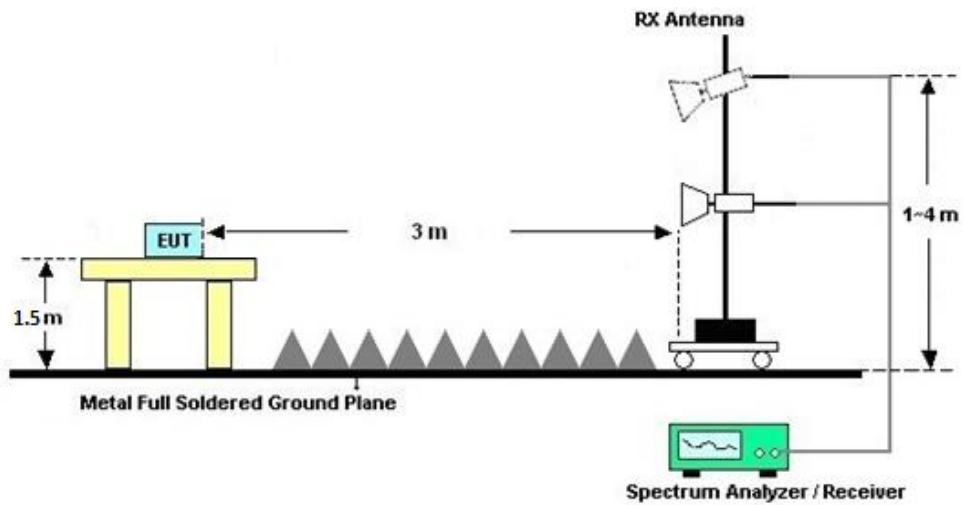
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





3.5.5 Test Results of Radiated Spurious Emissions (9kHz ~ 30MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.5.7 Duty Cycle

Please refer to Appendix E.

3.5.8 Test Result of Radiated Spurious Emission (30MHz ~ 10th Harmonic or 40GHz, whichever is lower)

Please refer to Appendix C and D.



3.6 AC Conducted Emission Measurement

3.6.1 Limit of AC Conducted Emission

For equipment 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.

Frequency of Emission (MHz)	Conducted Limit (dBµV)	
	Quasi-Peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

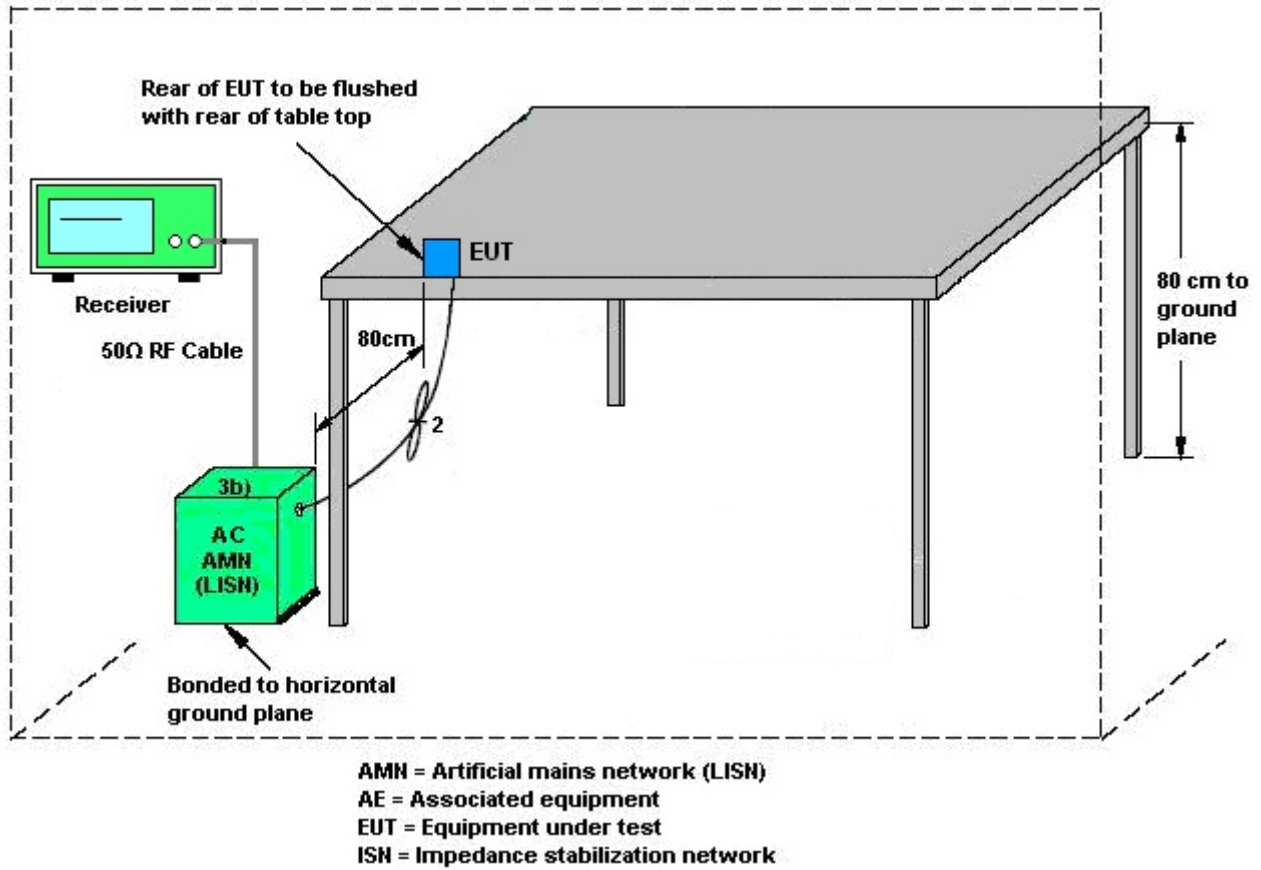
3.6.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.6.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room, and it was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF bandwidth = 9kHz) with Maximum Hold Mode.

3.6.4 Test Setup



3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.7 Antenna Requirements

3.7.1 Standard Applicable

If directional gain of transmitting Antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. 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 rule.

3.7.2 Antenna Anti-Replacement Construction

Non-standard antenna connector is used.

3.7.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Oct. 14, 2021	Jul. 26, 2022	Oct. 13, 2022	Conducted (TH01-KS)
Pulse Power Sensor	Anritsu	MA2411B	0917070	300MHz~40GHz	Jan. 05, 2022	Jul. 26, 2022	Jan. 04, 2023	Conducted (TH01-KS)
Power Meter	Anritsu	ML2495A	1005002	50MHz Bandwidth	Jan. 05, 2022	Jul. 26, 2022	Jan. 04, 2023	Conducted (TH01-KS)
EMI Test Receiver	Keysight	N9038A	MY56400004	3Hz~8.5GHz;MAX x 30dBm	Oct. 16, 2021	Aug. 08, 2022	Oct. 15, 2022	Radiation (03CH05-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY55150244	10Hz~44G,MAX 30dB	Mar. 24, 2022	Aug. 08, 2022	Mar. 23, 2023	Radiation (03CH05-KS)
Loop Antenna	R&S	HFH2-Z2	100321	9kHz~30MHz	Oct. 30, 2021	Aug. 08, 2022	Oct. 29, 2022	Radiation (03CH05-KS)
Bilog Antenna	TeseQ	CBL6111D	49922	30MHz-1GHz	May 24, 2022	Aug. 08, 2022	May 23, 2023	Radiation (03CH05-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	75957	1GHz~18GHz	Nov. 08, 2021	Aug. 08, 2022	Nov. 07, 2022	Radiation (03CH05-KS)
SHF-EHF Horn	Com-power	AH-840	101070	18GHz~40GHz	Jan. 05, 2022	Aug. 08, 2022	Jan. 04, 2023	Radiation (03CH05-KS)
Amplifier	SONOMA	310N	380826	9KHz-1GHz	Jul. 11, 2022	Aug. 08, 2022	Jul. 10, 2023	Radiation (03CH05-KS)
Amplifier	MITEQ	EM18G40GGA	060728	18~40GHz	Jan. 05, 2022	Aug. 08, 2022	Jan. 04, 2023	Radiation (03CH05-KS)
high gain Amplifier	MITEQ	AMF-7D-00101800-30-10P	2012228	1Ghz-18Ghz	Oct. 16, 2021	Aug. 08, 2022	Oct. 15, 2022	Radiation (03CH05-KS)
Amplifier	Keysight	83017A	MY53270316	500MHz~26.5GHz	Oct. 16, 2021	Aug. 08, 2022	Oct. 15, 2022	Radiation (03CH05-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Aug. 08, 2022	NCR	Radiation (03CH05-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Aug. 08, 2022	NCR	Radiation (03CH05-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Aug. 08, 2022	NCR	Radiation (03CH05-KS)
EMI Receiver	R&S	ESCI7	100768	9kHz~7GHz;	May 24, 2022	Jul. 27, 2022	May 23, 2023	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060103	9kHz~30MHz	Oct. 14, 2021	Jul. 27, 2022	Oct. 13, 2022	Conduction (CO01-KS)
AC LISN	MessTec	AN3016	060105	9kHz~30MHz	May 24, 2022	Jul. 27, 2022	May 23, 2023	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP00000811	AC 0V~300V, 45Hz~1000Hz	Oct. 14, 2021	Jul. 27, 2022	Oct. 13, 2022	Conduction (CO01-KS)

NCR: No Calibration Required



5 Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10-2013. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Power	±0.56 dB
Conducted Emissions	±0.92 dB
Occupied Channel Bandwidth	±0.03 %
Conducted Power Spectral Density	±0.54 dB

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.94dB
---	--------

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.0dB
---	-------

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.0dB
---	-------

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.0dB
---	-------

----- THE END -----



Appendix A. Conducted Test Results

A1 - DTS Part

Test Engineer:	Jacob Zhang	Temperature:	21~25	°C
Test Date:	2022/7/26	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

2.4GHz Band									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)	6dB BW (MHz)	6dB BW Limit (MHz)	Pass/Fail	
11b	1Mbps	1	1	2412	13.19	9.10	0.50	Pass	
11b	1Mbps	1	6	2437	13.24	9.08	0.50	Pass	
11b	1Mbps	1	11	2462	13.19	9.54	0.50	Pass	
11g	6Mbps	1	1	2412	16.88	16.34	0.50	Pass	
11g	6Mbps	1	6	2437	16.93	16.36	0.50	Pass	
11g	6Mbps	1	11	2462	16.88	16.36	0.50	Pass	
HT20	MCS0	1	1	2412	17.43	16.92	0.50	Pass	
HT20	MCS0	1	6	2437	17.43	17.02	0.50	Pass	
HT20	MCS0	1	11	2462	17.43	16.98	0.50	Pass	
HT40	MCS0	1	3	2422	33.97	32.00	0.50	Pass	
HT40	MCS0	1	6	2437	34.17	32.52	0.50	Pass	
HT40	MCS0	1	9	2452	34.27	32.36	0.50	Pass	

TEST RESULTS DATA
Peak Power Table

2.4GHz Band										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
11b	1Mbps	1	1	2412	20.07	30.00	3.26	23.33	36.00	Pass
11b	1Mbps	1	6	2437	21.06	30.00	3.26	24.32	36.00	Pass
11b	1Mbps	1	11	2462	21.09	30.00	3.26	24.35	36.00	Pass
11g	6Mbps	1	1	2412	21.64	30.00	3.26	24.90	36.00	Pass
11g	6Mbps	1	6	2437	22.38	30.00	3.26	25.64	36.00	Pass
11g	6Mbps	1	11	2462	22.04	30.00	3.26	25.30	36.00	Pass
HT20	MCS0	1	1	2412	22.22	30.00	3.26	25.48	36.00	Pass
HT20	MCS0	1	6	2437	22.70	30.00	3.26	25.96	36.00	Pass
HT20	MCS0	1	11	2462	22.32	30.00	3.26	25.58	36.00	Pass
HT40	MCS0	1	3	2422	21.87	30.00	3.26	25.13	36.00	Pass
HT40	MCS0	1	6	2437	21.90	30.00	3.26	25.16	36.00	Pass
HT40	MCS0	1	9	2452	21.72	30.00	3.26	24.98	36.00	Pass

TEST RESULTS DATA
Average Power Table
(Reporting Only)

2.4GHz Band						
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)
11b	1Mbps	1	1	2412	0.00	17.02
11b	1Mbps	1	6	2437	0.00	18.14
11b	1Mbps	1	11	2462	0.00	18.10
11g	6Mbps	1	1	2412	0.00	15.95
11g	6Mbps	1	6	2437	0.00	16.84
11g	6Mbps	1	11	2462	0.00	16.57
HT20	MCS0	1	1	2412	0.00	15.96
HT20	MCS0	1	6	2437	0.00	16.65
HT20	MCS0	1	11	2462	0.00	16.06
HT40	MCS0	1	3	2422	0.00	15.72
HT40	MCS0	1	6	2437	0.00	16.01
HT40	MCS0	1	9	2452	0.00	15.66

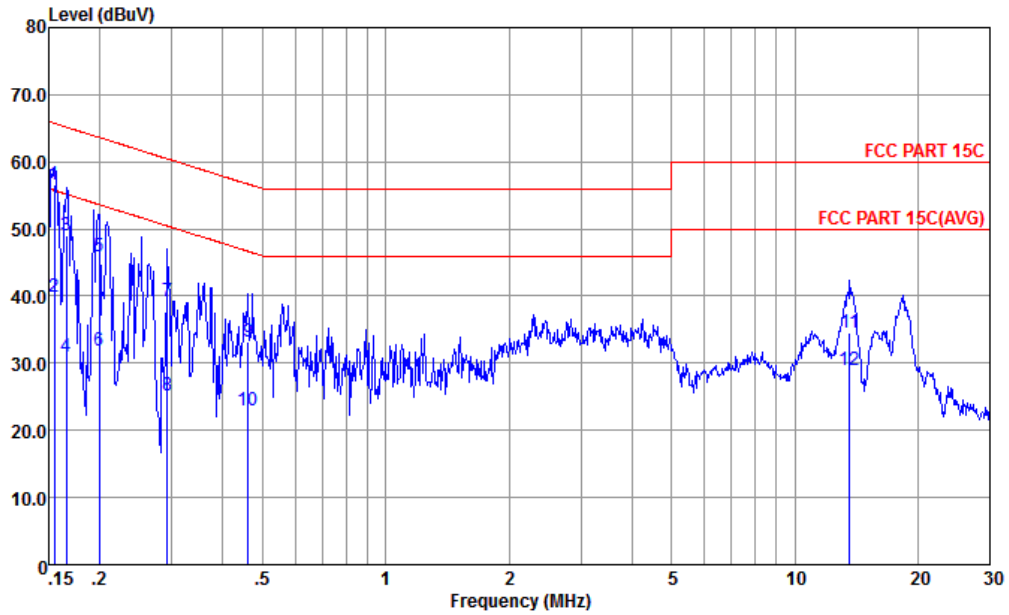
TEST RESULTS DATA
Peak Power Density

2.4GHz Band								
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Peak PSD (dBm /3kHz)	DG (dBi)	Peak PSD Limit (dBm /3kHz)	Pass/Fail
11b	1Mbps	1	1	2412	-7.31	3.26	8.00	Pass
11b	1Mbps	1	6	2437	-6.40	3.26	8.00	Pass
11b	1Mbps	1	11	2462	-6.51	3.26	8.00	Pass
11g	6Mbps	1	1	2412	-12.73	3.26	8.00	Pass
11g	6Mbps	1	6	2437	-12.49	3.26	8.00	Pass
11g	6Mbps	1	11	2462	-12.29	3.26	8.00	Pass
HT20	MCS0	1	1	2412	-12.18	3.26	8.00	Pass
HT20	MCS0	1	6	2437	-11.90	3.26	8.00	Pass
HT20	MCS0	1	11	2462	-12.04	3.26	8.00	Pass
HT40	MCS0	1	3	2422	-13.72	3.26	8.00	Pass
HT40	MCS0	1	6	2437	-13.47	3.26	8.00	Pass
HT40	MCS0	1	9	2452	-13.28	3.26	8.00	Pass



Appendix B. AC Conducted Emission Test Results

Test Engineer :	Amos Zhang	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

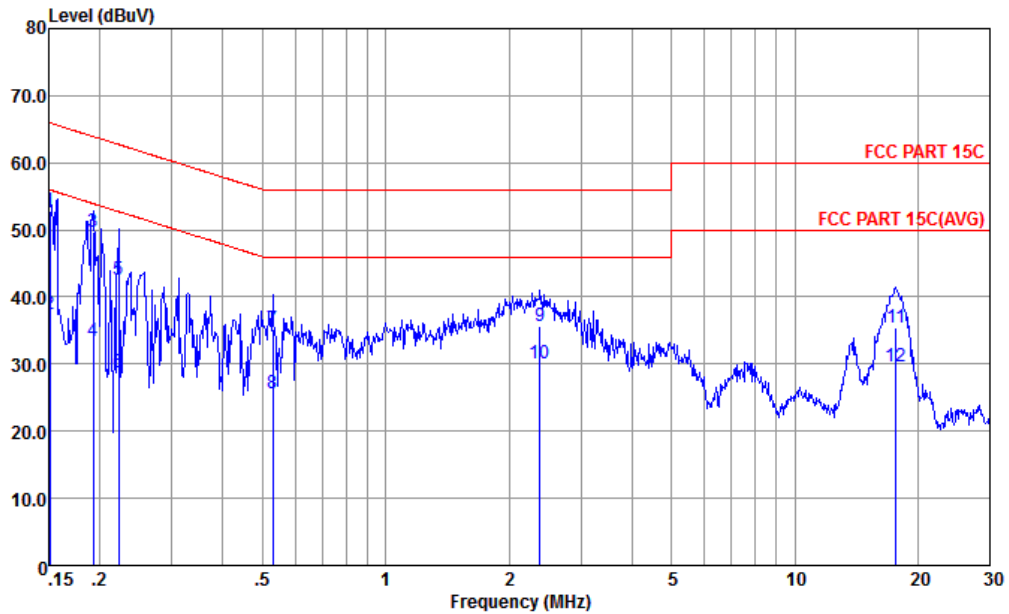


Site : CO01-KS
 Condition : FCC PART 15C LISN-060105-L LINE

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1 *	0.155	56.69	-9.05	65.74	46.20	0.02	10.47	QP
2	0.155	39.79	-15.95	55.74	29.30	0.02	10.47	Average
3	0.166	49.07	-16.09	65.16	38.60	0.03	10.44	QP
4	0.166	31.07	-24.09	55.16	20.60	0.03	10.44	Average
5	0.200	46.01	-17.61	63.62	35.61	0.04	10.36	QP
6	0.200	31.91	-21.71	53.62	21.51	0.04	10.36	Average
7	0.292	39.18	-21.28	60.46	28.80	0.07	10.31	QP
8	0.292	25.18	-25.28	50.46	14.80	0.07	10.31	Average
9	0.461	33.14	-23.53	56.67	22.79	0.10	10.25	QP
10	0.461	22.94	-23.73	46.67	12.59	0.10	10.25	Average
11	13.623	34.46	-25.54	60.00	23.80	0.28	10.38	QP
12	13.623	28.86	-21.14	50.00	18.20	0.28	10.38	Average



Test Engineer :	Amos Zhang	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
 Condition : FCC PART 15C LISN-060105-N NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1 *	0.151	52.79	-13.17	65.96	42.20	0.11	10.48	QP
2	0.151	37.49	-18.47	55.96	26.90	0.11	10.48	Average
3	0.192	49.68	-14.25	63.93	39.20	0.10	10.38	QP
4	0.192	33.38	-20.55	53.93	22.90	0.10	10.38	Average
5	0.222	42.65	-20.09	62.74	32.20	0.10	10.35	QP
6	0.222	28.65	-24.09	52.74	18.20	0.10	10.35	Average
7	0.529	35.25	-20.75	56.00	24.90	0.11	10.24	QP
8	0.529	25.65	-20.35	46.00	15.30	0.11	10.24	Average
9	2.384	35.58	-20.42	56.00	25.21	0.14	10.23	QP
10	2.384	29.98	-16.02	46.00	19.61	0.14	10.23	Average
11	17.661	35.51	-24.49	60.00	24.63	0.43	10.45	QP
12	17.661	29.68	-20.32	50.00	18.80	0.43	10.45	Average

Note:

- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



Appendix C. Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	22~23°C
		Relative Humidity :	41~42%

Channel	Power setting
11b CH01	0
11b CH06	0
11b CH11	0
11g CH01	0
11g CH06	0
11g CH11	1
11n20 CH01	0
11n20 CH06	0
11n20 CH11	2
11n40 CH03	0
11n40 CH06	0
11n40 CH09	1



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2371.1	54.3	-19.7	74	51.24	32.86	7.07	36.87	134	177	P	H
		2371.23	43.47	-10.53	54	40.41	32.86	7.07	36.87	134	177	A	H
	*	2412	114.63	-	-	111.45	32.9	7.13	36.85	134	177	P	H
	*	2412	107.28	-	-	104.1	32.9	7.13	36.85	134	177	A	H
		2380.33	53.4	-20.6	74	50.31	32.86	7.1	36.87	392	232	P	V
		2389.43	41.89	-12.11	54	38.77	32.88	7.1	36.86	392	232	A	V
	*	2410	111.97	-	-	108.79	32.9	7.13	36.85	392	232	P	V
	*	2410	104.55	-	-	101.37	32.9	7.13	36.85	392	232	A	V
802.11b CH 11 2462MHz		2483.68	53.61	-20.39	74	50.2	32.98	7.25	36.82	268	183	P	H
		2484.52	43.73	-10.27	54	40.32	32.98	7.25	36.82	268	183	A	H
	*	2460	114.78	-	-	111.43	32.96	7.22	36.83	268	183	P	H
	*	2460	107.22	-	-	103.87	32.96	7.22	36.83	268	183	A	H
		2483.86	52.72	-21.28	74	49.31	32.98	7.25	36.82	379	224	P	V
		2483.5	42.65	-11.35	54	39.24	32.98	7.25	36.82	379	224	A	V
	*	2460	111.25	-	-	107.9	32.96	7.22	36.83	379	224	P	V
	*	2462	103.78	-	-	100.43	32.96	7.22	36.83	379	224	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**2.4GHz 2400~2483.5MHz
WIFI 802.11b (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 01 2412MHz		3210	52.17	-34.09	86.26	75.58	33.02	8.3	64.73	300	0	P	H
		4830	48.22	-25.78	74	69.15	34.2	10.25	65.38	300	0	P	H
		3210	49.52	-35.88	85.40	72.93	33.02	8.3	64.73	100	0	P	V
		4830	43.88	-30.12	74	64.81	34.2	10.25	65.38	100	0	P	V
802.11b CH 06 2437MHz		3255	51.62	-34.84	86.46	74.96	33	8.37	64.71	300	0	P	H
		4875	49.39	-24.61	74	70.29	34.23	10.29	65.42	100	84	P	H
		4875	44.39	-9.61	54	65.29	34.23	10.29	65.42	100	84	A	H
		7305	50.48	-23.52	74	67.81	35.86	12.72	65.91	108	281	P	H
		3255	47.62	-35.78	83.40	70.96	33	8.37	64.71	100	0	P	V
		4875	44.74	-29.26	74	65.64	34.23	10.29	65.42	100	0	P	V
		7305	45.04	-28.96	74	62.37	35.86	12.72	65.91	100	0	P	V
802.11b CH 11 2462MHz		3285	51.7	-35.6	87.30	75.03	32.99	8.39	64.71	300	0	P	H
		4920	46.89	-27.11	74	67.74	34.26	10.34	65.45	300	0	P	H
		7380	48.45	-25.55	74	65.95	35.88	12.73	66.11	300	0	P	H
		4920	44.42	-29.58	74	65.27	34.26	10.34	65.45	100	0	P	V
		7380	45.94	-28.06	74	63.44	35.88	12.73	66.11	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. Non-restricted frequency bands limit is 100KHz PSD down 20dB												



2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for 802.11g CH 01 (2412MHz) and CH 11 (2462MHz).

Remark

- 1. No other spurious found.
2. All results are PASS against Peak and Average limit line.



**2.4GHz 2400~2483.5MHz
WIFI 802.11g (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		3210	52.11	-31.13	83.24	75.52	33.02	8.3	64.73	300	0	P	H
		4830	43.71	-30.29	74	64.64	34.2	10.25	65.38	300	0	P	H
		3210	49.74	-31.21	80.95	73.15	33.02	8.3	64.73	100	0	P	V
		4830	40.84	-33.16	74	61.77	34.2	10.25	65.38	100	0	P	V
802.11g CH 06 2437MHz		3255	48.9	-32.57	81.47	105.24	0	8.37	64.71	300	0	P	H
		4875	43.28	-30.72	74	64.18	34.23	10.29	65.42	300	0	P	H
		7320	47.44	-26.56	74	64.81	35.87	12.72	65.96	300	0	P	H
		3255	47.19	-29.98	77.17	70.53	33	8.37	64.71	100	0	P	V
		4875	42.11	-31.89	74	63.01	34.23	10.29	65.42	100	0	P	V
		7305	43.47	-30.53	74	60.8	35.86	12.72	65.91	100	0	P	V
802.11g CH 11 2462MHz		3285	48.79	-32.48	81.27	72.12	32.99	8.39	64.71	300	0	P	H
		4920	42.72	-31.28	74	63.57	34.26	10.34	65.45	300	0	P	H
		7395	47.2	-26.8	74	64.75	35.88	12.73	66.16	300	0	P	H
		4920	40.72	-33.28	74	61.57	34.26	10.34	65.45	100	0	P	V
		7380	43.01	-30.99	74	60.51	35.88	12.73	66.11	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 01 2412MHz		2389.69	61.07	-12.93	74	57.95	32.88	7.1	36.86	135	175	P	H
		2389.95	49.03	-4.97	54	45.91	32.88	7.1	36.86	135	175	A	H
	*	2416	111.75	-	-	108.54	32.9	7.16	36.85	135	175	P	H
	*	2418	103.66	-	-	100.45	32.9	7.16	36.85	135	175	A	H
		2389.69	59.52	-14.48	74	56.4	32.88	7.1	36.86	391	228	P	V
		2389.95	47.68	-6.32	54	44.56	32.88	7.1	36.86	391	228	A	V
	*	2412	108.51	-	-	105.33	32.9	7.13	36.85	391	228	P	V
	*	2406	100.95	-	-	97.77	32.9	7.13	36.85	391	228	A	V
802.11n HT20 CH 11 2462MHz		2483.56	64.49	-9.51	74	61.08	32.98	7.25	36.82	160	174	P	H
		2483.5	52.07	-1.93	54	48.66	32.98	7.25	36.82	160	174	A	H
	*	2458	110.89	-	-	107.54	32.96	7.22	36.83	160	174	P	H
	*	2456	103.48	-	-	100.13	32.96	7.22	36.83	160	174	A	H
		2483.5	63.41	-10.59	74	60	32.98	7.25	36.82	376	214	P	V
		2483.5	50.28	-3.72	54	46.87	32.98	7.25	36.82	376	214	A	V
	*	2454	107.8	-	-	104.45	32.96	7.22	36.83	376	214	P	V
	*	2456	99.93	-	-	96.58	32.96	7.22	36.83	376	214	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT20 CH 01		3210	52.14	-30.01	82.15	75.55	33.02	8.3	64.73	300	0	P	H	
		4830	43.75	-30.25	74	64.68	34.2	10.25	65.38	300	0	P	H	
2412MHz		3210	49.49	-31.5	80.99	72.9	33.02	8.3	64.73	100	0	P	V	
		4830	41.16	-32.84	74	62.09	34.2	10.25	65.38	100	0	P	V	
802.11n HT20 CH 06		3255	51.03	-31	82.03	74.37	33	8.37	64.71	300	0	P	H	
		4875	43.88	-30.12	74	64.78	34.23	10.29	65.42	300	0	P	H	
		7305	45.9	-28.1	74	63.23	35.86	12.72	65.91	300	0	P	H	
2437MHz		3255	47.38	-32.86	80.24	70.72	33	8.37	64.71	100	0	P	V	
		4875	42.58	-31.42	74	63.48	34.23	10.29	65.42	100	0	P	V	
		7305	43.29	-30.71	74	60.62	35.86	12.72	65.91	100	0	P	V	
802.11n HT20 CH 11		3285	51.64	-31.21	82.85	74.97	32.99	8.39	64.71	300	0	P	H	
		4920	41.72	-32.28	74	62.57	34.26	10.34	65.45	300	0	P	H	
		7380	45.6	-28.4	74	63.1	35.88	12.73	66.11	300	0	P	H	
	2462MHz		4920	40.97	-33.03	74	61.82	34.26	10.34	65.45	100	0	P	V
			7380	42.49	-31.51	74	59.99	35.88	12.73	66.11	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 03 2422MHz		2389.82	61.99	-12.01	74	58.87	32.88	7.1	36.86	163	174	P	H
		2389.04	50.04	-3.96	54	46.92	32.88	7.1	36.86	163	174	A	H
		2499.76	53.86	-20.14	74	50.39	33	7.28	36.81	163	174	P	H
		2496.7	41.67	-12.33	54	38.2	33	7.28	36.81	163	174	A	H
	*	2432	108.78	-	-	105.55	32.92	7.16	36.85	163	174	P	H
	*	2430	100.8	-	-	97.57	32.92	7.16	36.85	163	174	A	H
		2389.69	55.24	-18.76	74	52.12	32.88	7.1	36.86	385	208	P	V
		2389.82	44.4	-9.6	54	41.28	32.88	7.1	36.86	385	208	A	V
		2489.38	50.33	-23.67	74	46.89	33	7.25	36.81	385	208	P	V
		2483.56	39.45	-14.55	54	36.04	32.98	7.25	36.82	385	208	A	V
	*	2432	105.72	-	-	102.49	32.92	7.16	36.85	385	208	P	V
	*	2430	98.09	-	-	94.86	32.92	7.16	36.85	385	208	A	V
802.11n HT40 CH 06 2437MHz		2389.43	57.22	-16.78	74	54.1	32.88	7.1	36.86	163	173	P	H
		2389.69	46.96	-7.04	54	43.84	32.88	7.1	36.86	163	173	A	H
		2492.62	54.64	-19.36	74	51.17	33	7.28	36.81	163	173	P	H
		2492.38	42.38	-11.62	54	38.91	33	7.28	36.81	163	173	A	H
	*	2428	109	-	-	105.77	32.92	7.16	36.85	163	173	P	H
	*	2428	100.52	-	-	97.29	32.92	7.16	36.85	163	173	A	H
		2386.57	52.13	-21.87	74	49.01	32.88	7.1	36.86	337	209	P	V
		2389.95	42.02	-11.98	54	38.9	32.88	7.1	36.86	337	209	A	V
		2490.04	51.9	-22.1	74	48.46	33	7.25	36.81	337	209	P	V
		2483.56	41.48	-12.52	54	38.07	32.98	7.25	36.82	337	209	A	V
	*	2446	106.09	-	-	102.8	32.94	7.19	36.84	337	209	P	V
	*	2446	98.11	-	-	94.82	32.94	7.19	36.84	337	209	A	V
802.11n HT40 CH 09 2452MHz		2388.65	52.67	-21.33	74	49.55	32.88	7.1	36.86	131	175	P	H
		2370.19	41.49	-12.51	54	38.43	32.86	7.07	36.87	131	175	A	H
		2483.56	62.58	-11.42	74	59.17	32.98	7.25	36.82	131	175	P	H
		2483.5	52.4	-1.6	54	48.99	32.98	7.25	36.82	131	175	A	H
	*	2444	108.13	-	-	104.84	32.94	7.19	36.84	131	175	P	H
	*	2444	99.96	-	-	96.67	32.94	7.19	36.84	131	175	A	H



		2384.49	50.63	-23.37	74	47.54	32.86	7.1	36.87	337	207	P	V
		2389.56	40.05	-13.95	54	36.93	32.88	7.1	36.86	337	207	A	V
		2483.74	58.32	-15.68	74	54.91	32.98	7.25	36.82	337	207	P	V
		2483.5	47.86	-6.14	54	44.45	32.98	7.25	36.82	337	207	A	V
	*	2444	106.27	-	-	102.98	32.94	7.19	36.84	337	207	P	V
	*	2444	98.11	-	-	94.82	32.94	7.19	36.84	337	207	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 03 2422MHz		3225	51.54	-27.22	78.76	74.93	33.01	8.32	64.72	300	0	P	H
		4860	43.46	-30.54	74	64.37	34.22	10.27	65.4	300	0	P	H
		7266	42.99	-31.01	74	60.22	35.86	12.72	65.81	300	0	P	H
		3225	48.71	-28.24	76.95	72.1	33.01	8.32	64.72	100	0	P	V
		4845	41.1	-32.9	74	62.03	34.21	10.25	65.39	100	0	P	V
		7266	42.62	-31.38	74	59.85	35.86	12.72	65.81	100	0	P	V
802.11n HT40 CH 06 2437MHz		3255	51.08	-27.87	78.95	74.42	33	8.37	64.71	300	0	P	H
		4875	42.35	-31.65	74	63.25	34.23	10.29	65.42	300	0	P	H
		7305	43.93	-30.07	74	61.26	35.86	12.72	65.91	300	0	P	H
		3255	46.77	-30.25	77.02	70.11	33	8.37	64.71	100	0	P	V
		4875	41.54	-32.46	74	62.44	34.23	10.29	65.42	100	0	P	V
		7305	43.43	-30.57	74	60.76	35.86	12.72	65.91	100	0	P	V
802.11n HT40 CH 09 2452MHz		3270	51.07	-27.83	78.90	74.42	32.99	8.37	64.71	300	0	P	H
		4905	40.82	-33.18	74	61.67	34.25	10.34	65.44	300	0	P	H
		7356	42.9	-31.1	74	60.36	35.87	12.73	66.06	300	0	P	H
		4905	41.39	-32.61	74	62.24	34.25	10.34	65.44	100	0	P	V
		7356	43.04	-30.96	74	60.5	35.87	12.73	66.06	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz
2.4GHz WIFI 802.11g (LF)

Table with 14 columns: WIFI, Note, Frequency, Level, Over, Limit, Read, Antenna, Path, Preamp, Ant, Table, Peak, Pol. It contains 12 rows of test data for 2.4GHz WIFI 802.11g LF and a Remark section.

Note symbol

Table with 2 columns: Symbol and Description. Symbols include *, !, P/A, and H/V with their corresponding meanings.



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =
Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
2. Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
2. Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



Appendix D. Radiated Spurious Emission Plots

Note symbol

-L	Low channel location
-R	High channel location



2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																											
ANT	802.11g CH01 2412MHz																																																											
1	Horizontal	Fundamental																																																										
Peak	<p>Site: 030805-K3 Condition: FCC PART 15C 3m 3317 5W 75957 HORIZONTAL Project: FR263001 Mode: 10 Plane: X Full-directivity PowerSetting: 67</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>on</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.30</td> <td>58.51</td> <td>-15.49</td> <td>74.00</td> <td>55.39</td> <td>32.88</td> <td>7.10</td> <td>36.85</td> <td>311</td> <td>275</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dBm	dB	dB	dB	on	deg	1	2389.30	58.51	-15.49	74.00	55.39	32.88	7.10	36.85	311	275	Peak	HORIZONTAL	<p>Site: 030805-K3 Condition: FCC PART 15C 3m 3317 5W 75957 HORIZONTAL Project: FR263001 Mode: 10 Plane: X Full-directivity PowerSetting: 67</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>on</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2412.00</td> <td>110.26</td> <td>36.26</td> <td>74.00</td> <td>107.08</td> <td>32.90</td> <td>7.13</td> <td>36.85</td> <td>311</td> <td>275</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dBm	dB	dB	dB	on	deg	1	2412.00	110.26	36.26	74.00	107.08	32.90	7.13	36.85	311	275	Peak	HORIZONTAL
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																					
MHz	dBm	dBm	dB	dB	dB	on	deg																																																					
1	2389.30	58.51	-15.49	74.00	55.39	32.88	7.10	36.85	311	275	Peak	HORIZONTAL																																																
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																					
MHz	dBm	dBm	dB	dB	dB	on	deg																																																					
1	2412.00	110.26	36.26	74.00	107.08	32.90	7.13	36.85	311	275	Peak	HORIZONTAL																																																
Avg.	<p>Site: 030805-K3 Condition: FCC PART 15C (AVG) 3m 3317 5W 75957 HORIZONTAL Project: FR263001 Mode: 10 Plane: X Full-directivity PowerSetting: 67</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>on</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.95</td> <td>48.16</td> <td>-5.84</td> <td>54.00</td> <td>45.04</td> <td>32.88</td> <td>7.10</td> <td>36.85</td> <td>311</td> <td>275</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dBm	dB	dB	dB	on	deg	1	2389.95	48.16	-5.84	54.00	45.04	32.88	7.10	36.85	311	275	Average	HORIZONTAL	<p>Site: 030805-K3 Condition: FCC PART 15C (AVG) 3m 3317 5W 75957 HORIZONTAL Project: FR263001 Mode: 10 Plane: X Full-directivity PowerSetting: 67</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>on</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2418.00</td> <td>102.91</td> <td>48.91</td> <td>54.00</td> <td>99.70</td> <td>32.90</td> <td>7.16</td> <td>36.85</td> <td>311</td> <td>275</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dBm	dB	dB	dB	on	deg	1	2418.00	102.91	48.91	54.00	99.70	32.90	7.16	36.85	311	275	Average	HORIZONTAL
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																					
MHz	dBm	dBm	dB	dB	dB	on	deg																																																					
1	2389.95	48.16	-5.84	54.00	45.04	32.88	7.10	36.85	311	275	Average	HORIZONTAL																																																
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																					
MHz	dBm	dBm	dB	dB	dB	on	deg																																																					
1	2418.00	102.91	48.91	54.00	99.70	32.90	7.16	36.85	311	275	Average	HORIZONTAL																																																



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																											
ANT	802.11g CH01 2412MHz																																																											
1	Vertical	Fundamental																																																										
<p>Peak</p>	<p>No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn</p> <p>Site: 030805-K3 Condition: FCC PART 15C 3e 3317 SN 79597 VERTICAL Project: FRU263001 Mode: 10 Plane: 2 Full-directivity: 2 Powerstting: 0</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.43</td> <td>57.49</td> <td>-16.51</td> <td>74.00</td> <td>54.37</td> <td>32.88</td> <td>7.10</td> <td>36.86</td> <td>391</td> <td>227</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dBm	dB	cm	deg			1	2389.43	57.49	-16.51	74.00	54.37	32.88	7.10	36.86	391	227	Peak	VERTICAL	<p>No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn</p> <p>Site: 030805-K3 Condition: FCC PART 15C 3e 3317 SN 79597 VERTICAL Project: FRU263001 Mode: 10 Plane: 2 Full-directivity: 2 Powerstting: 0</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2406.00</td> <td>108.48</td> <td>34.48</td> <td>74.00</td> <td>105.30</td> <td>32.90</td> <td>7.13</td> <td>36.85</td> <td>391</td> <td>227</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dBm	dB	cm	deg			1	2406.00	108.48	34.48	74.00	105.30	32.90	7.13	36.85	391	227	Peak	VERTICAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																				
MHz	dBm	dBm	dB	cm	deg																																																							
1	2389.43	57.49	-16.51	74.00	54.37	32.88	7.10	36.86	391	227	Peak	VERTICAL																																																
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																					
MHz	dBm	dBm	dB	cm	deg																																																							
1	2406.00	108.48	34.48	74.00	105.30	32.90	7.13	36.85	391	227	Peak	VERTICAL																																																
<p>Avg.</p>	<p>No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn</p> <p>Site: 030805-K3 Condition: FCC PART 15C (AVG) 3e 3317 SN 79597 VERTICAL Project: FRU263001 Mode: 10 Plane: 2 Full-directivity: 2 Powerstting: 0</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.95</td> <td>47.25</td> <td>-6.75</td> <td>54.00</td> <td>44.13</td> <td>32.88</td> <td>7.10</td> <td>36.86</td> <td>391</td> <td>227</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dBm	dB	cm	deg			1	2389.95	47.25	-6.75	54.00	44.13	32.88	7.10	36.86	391	227	Average	VERTICAL	<p>No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn</p> <p>Site: 030805-K3 Condition: FCC PART 15C (AVG) 3e 3317 SN 79597 VERTICAL Project: FRU263001 Mode: 10 Plane: 2 Full-directivity: 2 Powerstting: 0</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2408.00</td> <td>101.04</td> <td>47.04</td> <td>54.00</td> <td>97.86</td> <td>32.90</td> <td>7.13</td> <td>36.85</td> <td>391</td> <td>227</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dBm	dB	cm	deg			1	2408.00	101.04	47.04	54.00	97.86	32.90	7.13	36.85	391	227	Average	VERTICAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																				
MHz	dBm	dBm	dB	cm	deg																																																							
1	2389.95	47.25	-6.75	54.00	44.13	32.88	7.10	36.86	391	227	Average	VERTICAL																																																
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																					
MHz	dBm	dBm	dB	cm	deg																																																							
1	2408.00	101.04	47.04	54.00	97.86	32.90	7.13	36.85	391	227	Average	VERTICAL																																																



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																					
ANT	802.11g CH11 2462MHz																																																					
1	Horizontal	Fundamental																																																				
Peak	<p>Site : 030H05-K3 Condition : FCC PART 15C 3e 3317 SN 79597 HORIZONTAL Project : RBM 1000.000kHz VBR 3000.000kHz SMT Auto Mode : FRI 263001 Plane : 12 Full-directivity : 1 PowerSetting : 87</p> <table border="1"> <thead> <tr> <th>1</th> <th>2483.74</th> <th>62.82</th> <th>-11.18</th> <th>74.00</th> <th>69.41</th> <th>32.98</th> <th>7.25</th> <th>36.82</th> <th>159</th> <th>182</th> <th>Peak</th> <th>HORIZONTAL</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> </table>	1	2483.74	62.82	-11.18	74.00	69.41	32.98	7.25	36.82	159	182	Peak	HORIZONTAL	MHz	dBm	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg			<p>Site : 030H05-K3 Condition : FCC PART 15C 3e 3317 SN 79597 HORIZONTAL Project : RBM 1000.000kHz VBR 3000.000kHz SMT Auto Mode : FRI 263001 Plane : 12 Full-directivity : 1 PowerSetting : 87</p> <table border="1"> <thead> <tr> <th>1</th> <th>2462.00</th> <th>111.17</th> <th>37.17</th> <th>74.00</th> <th>107.82</th> <th>32.96</th> <th>7.22</th> <th>36.83</th> <th>159</th> <th>182</th> <th>Peak</th> <th>HORIZONTAL</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> </table>	1	2462.00	111.17	37.17	74.00	107.82	32.96	7.22	36.83	159	182	Peak	HORIZONTAL	MHz	dBm	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg		
	1	2483.74	62.82	-11.18	74.00	69.41	32.98	7.25	36.82	159	182	Peak	HORIZONTAL																																									
MHz	dBm	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg																																												
1	2462.00	111.17	37.17	74.00	107.82	32.96	7.22	36.83	159	182	Peak	HORIZONTAL																																										
MHz	dBm	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg																																												
Avg.	<p>Site : 030H05-K3 Condition : FCC PART 15C (AVG) 3e 3317 SN 79597 HORIZONTAL Project : RBM 1000.000kHz VBR 3000.000kHz SMT Auto Mode : FRI 263001 Plane : 12 Full-directivity : 1 PowerSetting : 87</p> <table border="1"> <thead> <tr> <th>1</th> <th>2483.50</th> <th>52.49</th> <th>-11.51</th> <th>54.00</th> <th>49.08</th> <th>32.98</th> <th>7.25</th> <th>36.82</th> <th>159</th> <th>182</th> <th>Average</th> <th>HORIZONTAL</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> </table>	1	2483.50	52.49	-11.51	54.00	49.08	32.98	7.25	36.82	159	182	Average	HORIZONTAL	MHz	dBm	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg			<p>Site : 030H05-K3 Condition : FCC PART 15C (AVG) 3e 3317 SN 79597 HORIZONTAL Project : RBM 1000.000kHz VBR 3000.000kHz SMT Auto Mode : FRI 263001 Plane : 12 Full-directivity : 1 PowerSetting : 87</p> <table border="1"> <thead> <tr> <th>1</th> <th>2462.00</th> <th>103.52</th> <th>49.52</th> <th>54.00</th> <th>100.17</th> <th>32.96</th> <th>7.22</th> <th>36.83</th> <th>159</th> <th>182</th> <th>Average</th> <th>HORIZONTAL</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> </table>	1	2462.00	103.52	49.52	54.00	100.17	32.96	7.22	36.83	159	182	Average	HORIZONTAL	MHz	dBm	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg		
	1	2483.50	52.49	-11.51	54.00	49.08	32.98	7.25	36.82	159	182	Average	HORIZONTAL																																									
MHz	dBm	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg																																												
1	2462.00	103.52	49.52	54.00	100.17	32.96	7.22	36.83	159	182	Average	HORIZONTAL																																										
MHz	dBm	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg																																												



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																											
ANT	802.11g CH11 2462MHz																																																											
1	Vertical	Fundamental																																																										
Peak	<p>Site : 030805-K3 Condition : FCC PART 15C 3e 3317 SN 79597 VERTICAL Project : RBM 1000.000kHz VBR 3000.000kHz SMT Auto FR263001 Mode : 12 Plane : 2 Full-directivity : 2 JME1 : 2 Powerstting : 2</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2483.74</td> <td>61.95</td> <td>-12.05</td> <td>74.00</td> <td>58.54</td> <td>32.98</td> <td>7.25</td> <td>36.82</td> <td>376</td> <td>219</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	dB	dB	dB	dB	cm	deg	cm	deg	1	2483.74	61.95	-12.05	74.00	58.54	32.98	7.25	36.82	376	219	Peak	VERTICAL	<p>Site : 030805-K3 Condition : FCC PART 15C 3e 3317 SN 79597 VERTICAL Project : RBM 1000.000kHz VBR 3000.000kHz SMT Auto FR263001 Mode : 12 Plane : 2 Full-directivity : 2 JME1 : 2 Powerstting : 2</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2456.00</td> <td>108.59</td> <td>34.59</td> <td>74.00</td> <td>105.24</td> <td>32.96</td> <td>7.22</td> <td>36.83</td> <td>376</td> <td>219</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	dB	dB	dB	dB	cm	deg	cm	deg	1	2456.00	108.59	34.59	74.00	105.24	32.96	7.22	36.83	376	219	Peak	VERTICAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																				
dB	dB	dB	dB	cm	deg	cm	deg																																																					
1	2483.74	61.95	-12.05	74.00	58.54	32.98	7.25	36.82	376	219	Peak	VERTICAL																																																
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																					
dB	dB	dB	dB	cm	deg	cm	deg																																																					
1	2456.00	108.59	34.59	74.00	105.24	32.96	7.22	36.83	376	219	Peak	VERTICAL																																																
Avg.	<p>Site : 030805-K3 Condition : FCC PART 15C (AVG) 3e 3317 SN 79597 VERTICAL Project : RBM 1000.000kHz VBR 3.0100kHz SMT Auto FR263001 Mode : 12 Plane : 2 Full-directivity : 2 JME1 : 2 Powerstting : 2</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2483.50</td> <td>51.42</td> <td>-2.58</td> <td>54.00</td> <td>48.01</td> <td>32.98</td> <td>7.25</td> <td>36.82</td> <td>376</td> <td>219</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	dB	dB	dB	dB	cm	deg	cm	deg	1	2483.50	51.42	-2.58	54.00	48.01	32.98	7.25	36.82	376	219	Average	VERTICAL	<p>Site : 030805-K3 Condition : FCC PART 15C (AVG) 3e 3317 SN 79597 VERTICAL Project : RBM 1000.000kHz VBR 3.0100kHz SMT Auto FR263001 Mode : 12 Plane : 2 Full-directivity : 2 JME1 : 2 Powerstting : 2</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2456.00</td> <td>100.90</td> <td>46.90</td> <td>54.00</td> <td>97.55</td> <td>32.96</td> <td>7.22</td> <td>36.83</td> <td>376</td> <td>219</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	dB	dB	dB	dB	cm	deg	cm	deg	1	2456.00	100.90	46.90	54.00	97.55	32.96	7.22	36.83	376	219	Average	VERTICAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																				
dB	dB	dB	dB	cm	deg	cm	deg																																																					
1	2483.50	51.42	-2.58	54.00	48.01	32.98	7.25	36.82	376	219	Average	VERTICAL																																																
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																					
dB	dB	dB	dB	cm	deg	cm	deg																																																					
1	2456.00	100.90	46.90	54.00	97.55	32.96	7.22	36.83	376	219	Average	VERTICAL																																																



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																											
ANT	802.11n HT20 CH01 2412MHz																																																											
1	Horizontal	Fundamental																																																										
Peak	<p>Site : 030H05-K3 Condition : FCC PART 15C 3m 3317.5M 75957 HORIZONTAL Project : RSM 1000.000KHz VBR 3000.000KHz SRT Auto Mode : (FR)263001 Plane : X Full-directivity : X PowerSetting : 67</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dB</th> <th>dB</th> <th>on</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.69</td> <td>61.07</td> <td>-12.93</td> <td>74.00</td> <td>57.95</td> <td>32.88</td> <td>7.10</td> <td>36.86</td> <td>135</td> <td>175</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBV/m	dB	dBV/m	dB	dB	on	deg	1	2389.69	61.07	-12.93	74.00	57.95	32.88	7.10	36.86	135	175	Peak	HORIZONTAL	<p>Site : 030H05-K3 Condition : FCC PART 15C 3m 3317.5M 75957 HORIZONTAL Project : RSM 1000.000KHz VBR 3000.000KHz SRT Auto Mode : (FR)263001 Plane : X Full-directivity : X PowerSetting : 67</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dB</th> <th>dB</th> <th>on</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2416.00</td> <td>111.75</td> <td>37.75</td> <td>74.00</td> <td>108.54</td> <td>32.90</td> <td>7.10</td> <td>36.85</td> <td>135</td> <td>175</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBV/m	dB	dBV/m	dB	dB	on	deg	1	2416.00	111.75	37.75	74.00	108.54	32.90	7.10	36.85	135	175	Peak	HORIZONTAL
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																					
MHz	dBV/m	dB	dBV/m	dB	dB	on	deg																																																					
1	2389.69	61.07	-12.93	74.00	57.95	32.88	7.10	36.86	135	175	Peak	HORIZONTAL																																																
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																					
MHz	dBV/m	dB	dBV/m	dB	dB	on	deg																																																					
1	2416.00	111.75	37.75	74.00	108.54	32.90	7.10	36.85	135	175	Peak	HORIZONTAL																																																
Avg.	<p>Site : 030H05-K3 Condition : FCC PART 15C (AVG) 3m 3317.5M 75957 HORIZONTAL Project : RSM 1000.000KHz VBR 0.010KHz SRT Auto Mode : (FR)263001 Plane : X Full-directivity : X PowerSetting : 67</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dB</th> <th>dB</th> <th>on</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.95</td> <td>49.03</td> <td>-4.97</td> <td>54.00</td> <td>45.91</td> <td>32.88</td> <td>7.10</td> <td>36.86</td> <td>135</td> <td>175</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBV/m	dB	dBV/m	dB	dB	on	deg	1	2389.95	49.03	-4.97	54.00	45.91	32.88	7.10	36.86	135	175	Average	HORIZONTAL	<p>Site : 030H05-K3 Condition : FCC PART 15C (AVG) 3m 3317.5M 75957 HORIZONTAL Project : RSM 1000.000KHz VBR 0.010KHz SRT Auto Mode : (FR)263001 Plane : X Full-directivity : X PowerSetting : 67</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dB</th> <th>dB</th> <th>on</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2418.00</td> <td>103.66</td> <td>49.66</td> <td>54.00</td> <td>100.45</td> <td>32.90</td> <td>7.10</td> <td>36.85</td> <td>135</td> <td>175</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBV/m	dB	dBV/m	dB	dB	on	deg	1	2418.00	103.66	49.66	54.00	100.45	32.90	7.10	36.85	135	175	Average	HORIZONTAL
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																					
MHz	dBV/m	dB	dBV/m	dB	dB	on	deg																																																					
1	2389.95	49.03	-4.97	54.00	45.91	32.88	7.10	36.86	135	175	Average	HORIZONTAL																																																
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																					
MHz	dBV/m	dB	dBV/m	dB	dB	on	deg																																																					
1	2418.00	103.66	49.66	54.00	100.45	32.90	7.10	36.85	135	175	Average	HORIZONTAL																																																



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																											
ANT	802.11n HT20 CH01 2412MHz																											
1	Vertical	Fundamental																										
Peak	<p>Site : 030805-K3 Condition : FCC PART 15C 3m 3317 SN 79597 VERTICAL Economic & Technical Development Zone, Jiangsu China Project : FR263001 Mode : 13 Plane : E Full-directivity : 0 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>1</th> <th>2389.69</th> <th>59.52</th> <th>-14.48</th> <th>74.00</th> <th>54.40</th> <th>32.88</th> <th>7.10</th> <th>36.86</th> <th>391</th> <th>228</th> <th>Peak</th> <th>VERTICAL</th> </tr> </thead> </table>	1	2389.69	59.52	-14.48	74.00	54.40	32.88	7.10	36.86	391	228	Peak	VERTICAL	<p>Site : 030805-K3 Condition : FCC PART 15C 3m 3317 SN 79597 VERTICAL Economic & Technical Development Zone, Jiangsu China Project : FR263001 Mode : 13 Plane : E Full-directivity : 0 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>1</th> <th>2412.00</th> <th>108.51</th> <th>34.51</th> <th>74.00</th> <th>105.33</th> <th>32.90</th> <th>7.13</th> <th>36.85</th> <th>391</th> <th>228</th> <th>Peak</th> <th>VERTICAL</th> </tr> </thead> </table>	1	2412.00	108.51	34.51	74.00	105.33	32.90	7.13	36.85	391	228	Peak	VERTICAL
	1	2389.69	59.52	-14.48	74.00	54.40	32.88	7.10	36.86	391	228	Peak	VERTICAL															
1	2412.00	108.51	34.51	74.00	105.33	32.90	7.13	36.85	391	228	Peak	VERTICAL																
Avg.	<p>Site : 030805-K3 Condition : FCC PART 15C (AVG) 3m 3317 SN 79597 VERTICAL Economic & Technical Development Zone, Jiangsu China Project : FR263001 Mode : 13 Plane : E Full-directivity : 0 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>1</th> <th>2389.69</th> <th>47.68</th> <th>-6.32</th> <th>54.00</th> <th>44.56</th> <th>32.88</th> <th>7.10</th> <th>36.86</th> <th>391</th> <th>228</th> <th>Average</th> <th>VERTICAL</th> </tr> </thead> </table>	1	2389.69	47.68	-6.32	54.00	44.56	32.88	7.10	36.86	391	228	Average	VERTICAL	<p>Site : 030805-K3 Condition : FCC PART 15C (AVG) 3m 3317 SN 79597 VERTICAL Economic & Technical Development Zone, Jiangsu China Project : FR263001 Mode : 13 Plane : E Full-directivity : 0 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>1</th> <th>2406.00</th> <th>100.95</th> <th>46.95</th> <th>54.00</th> <th>97.77</th> <th>32.90</th> <th>7.13</th> <th>36.85</th> <th>391</th> <th>228</th> <th>Average</th> <th>VERTICAL</th> </tr> </thead> </table>	1	2406.00	100.95	46.95	54.00	97.77	32.90	7.13	36.85	391	228	Average	VERTICAL
	1	2389.69	47.68	-6.32	54.00	44.56	32.88	7.10	36.86	391	228	Average	VERTICAL															
1	2406.00	100.95	46.95	54.00	97.77	32.90	7.13	36.85	391	228	Average	VERTICAL																



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																															
ANT	802.11n HT20 CH11 2462MHz																																																															
1	Horizontal	Fundamental																																																														
Peak	<p>Site : 030H05-K3 Condition : FCC PART 15C 3e 3317 SN 79597 HORIZONTAL Project : RBM 1000.000kHz VBR 3000.000kHz SMT Auto Mode : FRU 263001 Plane : 15 Full-directivity : 2 PowerSetting : 2</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1 2483.56</td> <td>64.49</td> <td>-9.51</td> <td>74.00</td> <td>61.08</td> <td>32.98</td> <td>7.25</td> <td>36.82</td> <td>160</td> <td>174 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg	cm	deg	1 2483.56	64.49	-9.51	74.00	61.08	32.98	7.25	36.82	160	174 Peak	HORIZONTAL	<p>Site : 030H05-K3 Condition : FCC PART 15C 3e 3317 SN 79597 HORIZONTAL Project : RBM 1000.000kHz VBR 3000.000kHz SMT Auto Mode : FRU 263001 Plane : 15 Full-directivity : 2 PowerSetting : 2</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1 * 2468.00</td> <td>110.89</td> <td>36.89</td> <td>74.00</td> <td>107.54</td> <td>32.96</td> <td>7.22</td> <td>36.83</td> <td>160</td> <td>174 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg	cm	deg	1 * 2468.00	110.89	36.89	74.00	107.54	32.96	7.22	36.83	160	174 Peak	HORIZONTAL
	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																						
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg	cm	deg																																																							
1 2483.56	64.49	-9.51	74.00	61.08	32.98	7.25	36.82	160	174 Peak	HORIZONTAL																																																						
Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																							
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg	cm	deg																																																							
1 * 2468.00	110.89	36.89	74.00	107.54	32.96	7.22	36.83	160	174 Peak	HORIZONTAL																																																						
Avg.	<p>Site : 030H05-K3 Condition : FCC PART 15C (AVG) 3e 3317 SN 79597 HORIZONTAL Project : RBM 1000.000kHz VBR 3000.000kHz SMT Auto Mode : FRU 263001 Plane : 15 Full-directivity : 2 PowerSetting : 2</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1 2483.50</td> <td>52.07</td> <td>-11.93</td> <td>54.00</td> <td>48.66</td> <td>32.98</td> <td>7.25</td> <td>36.82</td> <td>160</td> <td>174 Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg	cm	deg	1 2483.50	52.07	-11.93	54.00	48.66	32.98	7.25	36.82	160	174 Average	HORIZONTAL	<p>Site : 030H05-K3 Condition : FCC PART 15C (AVG) 3e 3317 SN 79597 HORIZONTAL Project : RBM 1000.000kHz VBR 3000.000kHz SMT Auto Mode : FRU 263001 Plane : 15 Full-directivity : 2 PowerSetting : 2</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1 * 2468.00</td> <td>103.48</td> <td>49.48</td> <td>54.00</td> <td>100.13</td> <td>32.96</td> <td>7.22</td> <td>36.83</td> <td>160</td> <td>174 Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg	cm	deg	1 * 2468.00	103.48	49.48	54.00	100.13	32.96	7.22	36.83	160	174 Average	HORIZONTAL
	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																						
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg	cm	deg																																																							
1 2483.50	52.07	-11.93	54.00	48.66	32.98	7.25	36.82	160	174 Average	HORIZONTAL																																																						
Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																							
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg	cm	deg																																																							
1 * 2468.00	103.48	49.48	54.00	100.13	32.96	7.22	36.83	160	174 Average	HORIZONTAL																																																						



WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m																																																																			
ANT	802.11n HT20 CH11 2462MHz																																																																			
1	Vertical	Fundamental																																																																		
Peak	<p>No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900958 fax: +86-512-57900958 http://www.sporton.com.cn</p> <p>Site : 030H05-K3 Condition : FCC PART 15C 3e 3317 5N 79597 VERTICAL Project : RBM 1000.000MHz VBR 3000.000MHz SMT Auto Mode : FRI 263001 Plane : 15 Plane : 2 Full-directivity : 2 PowerSetting : 27</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dB</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1 2462.50</td> <td>63.41</td> <td>-10.59</td> <td>74.00</td> <td>60.00</td> <td>32.98</td> <td>7.25</td> <td>36.82</td> <td>376</td> <td>214</td> <td>Peak VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dB	dBm	dBm	dB	dB	cm	deg	cm	deg	1 2462.50	63.41	-10.59	74.00	60.00	32.98	7.25	36.82	376	214	Peak VERTICAL	<p>No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900958 fax: +86-512-57900958 http://www.sporton.com.cn</p> <p>Site : 030H05-K3 Condition : FCC PART 15C 3e 3317 5N 79597 VERTICAL Project : RBM 1000.000MHz VBR 3000.000MHz SMT Auto Mode : FRI 263001 Plane : 15 Plane : 2 Full-directivity : 2 PowerSetting : 27</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dB</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1 2464.00</td> <td>107.80</td> <td>33.80</td> <td>74.00</td> <td>104.45</td> <td>32.96</td> <td>7.22</td> <td>36.83</td> <td>376</td> <td>214</td> <td>Peak VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dB	dBm	dBm	dB	dB	cm	deg	cm	deg	1 2464.00	107.80	33.80	74.00	104.45	32.96	7.22	36.83	376	214	Peak VERTICAL
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																									
MHz	dBm	dB	dBm	dBm	dB	dB	cm	deg	cm	deg																																																										
1 2462.50	63.41	-10.59	74.00	60.00	32.98	7.25	36.82	376	214	Peak VERTICAL																																																										
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
MHz	dBm	dB	dBm	dBm	dB	dB	cm	deg	cm	deg																																																										
1 2464.00	107.80	33.80	74.00	104.45	32.96	7.22	36.83	376	214	Peak VERTICAL																																																										
Avg.	<p>No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900958 fax: +86-512-57900958 http://www.sporton.com.cn</p> <p>Site : 030H05-K3 Condition : FCC PART 15C (AVG) 3e 3317 5N 79597 VERTICAL Project : RBM 1000.000MHz VBR 3000.000MHz SMT Auto Mode : FRI 263001 Plane : 15 Plane : 2 Full-directivity : 2 PowerSetting : 27</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dB</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1 2463.50</td> <td>50.28</td> <td>-3.72</td> <td>54.00</td> <td>46.87</td> <td>32.98</td> <td>7.25</td> <td>36.82</td> <td>376</td> <td>214</td> <td>Average VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dB	dBm	dBm	dB	dB	cm	deg	cm	deg	1 2463.50	50.28	-3.72	54.00	46.87	32.98	7.25	36.82	376	214	Average VERTICAL	<p>No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900958 fax: +86-512-57900958 http://www.sporton.com.cn</p> <p>Site : 030H05-K3 Condition : FCC PART 15C (AVG) 3e 3317 5N 79597 VERTICAL Project : RBM 1000.000MHz VBR 3000.000MHz SMT Auto Mode : FRI 263001 Plane : 15 Plane : 2 Full-directivity : 2 PowerSetting : 27</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dB</th> <th>dBm</th> <th>dBm</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1 2465.00</td> <td>99.93</td> <td>45.93</td> <td>54.00</td> <td>96.98</td> <td>32.96</td> <td>7.22</td> <td>36.83</td> <td>376</td> <td>214</td> <td>Average VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dB	dBm	dBm	dB	dB	cm	deg	cm	deg	1 2465.00	99.93	45.93	54.00	96.98	32.96	7.22	36.83	376	214	Average VERTICAL
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																									
MHz	dBm	dB	dBm	dBm	dB	dB	cm	deg	cm	deg																																																										
1 2463.50	50.28	-3.72	54.00	46.87	32.98	7.25	36.82	376	214	Average VERTICAL																																																										
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
MHz	dBm	dB	dBm	dBm	dB	dB	cm	deg	cm	deg																																																										
1 2465.00	99.93	45.93	54.00	96.98	32.96	7.22	36.83	376	214	Average VERTICAL																																																										



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																											
ANT	802.11n HT40 CH03 2422MHz - L																																																											
1	Horizontal	Fundamental																																																										
Peak	<p>Site: 030H05-K3 Condition: FCC PART 15C 3m 3317 SN 79597 HORIZONTAL Project: RSM 1000.000KHz VSWR 3000.000KHz SRT Auto Mode: (FR)263001 Plane: X Full-directivity: X PowerSetting: 67</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>deg</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.82</td> <td>41.99</td> <td>-12.01</td> <td>74.00</td> <td>58.87</td> <td>32.88</td> <td>7.10</td> <td>36.86</td> <td>163</td> <td>174</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dBm	dBm	dBm	dBm	deg	deg	1	2389.82	41.99	-12.01	74.00	58.87	32.88	7.10	36.86	163	174	Peak	HORIZONTAL	<p>Site: 030H05-K3 Condition: FCC PART 15C (AVG) 3m 3317 SN 79597 HORIZONTAL Project: RSM 1000.000KHz VSWR 3000.000KHz SRT Auto Mode: (FR)263001 Plane: X Full-directivity: X PowerSetting: 67</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>deg</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2430.00</td> <td>100.80</td> <td>46.80</td> <td>54.00</td> <td>97.57</td> <td>32.92</td> <td>7.10</td> <td>36.85</td> <td>163</td> <td>174</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dBm	dBm	dBm	dBm	deg	deg	1	2430.00	100.80	46.80	54.00	97.57	32.92	7.10	36.85	163	174	Average	HORIZONTAL
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																					
MHz	dBm	dBm	dBm	dBm	dBm	deg	deg																																																					
1	2389.82	41.99	-12.01	74.00	58.87	32.88	7.10	36.86	163	174	Peak	HORIZONTAL																																																
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																					
MHz	dBm	dBm	dBm	dBm	dBm	deg	deg																																																					
1	2430.00	100.80	46.80	54.00	97.57	32.92	7.10	36.85	163	174	Average	HORIZONTAL																																																
Avg.	<p>Site: 030H05-K3 Condition: FCC PART 15C (AVG) 3m 3317 SN 79597 HORIZONTAL Project: RSM 1000.000KHz VSWR 3000.000KHz SRT Auto Mode: (FR)263001 Plane: X Full-directivity: X PowerSetting: 67</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>deg</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.04</td> <td>50.04</td> <td>-3.96</td> <td>54.00</td> <td>48.92</td> <td>32.88</td> <td>7.10</td> <td>36.86</td> <td>163</td> <td>174</td> <td>Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dBm	dBm	dBm	dBm	deg	deg	1	2389.04	50.04	-3.96	54.00	48.92	32.88	7.10	36.86	163	174	Average	HORIZONTAL	<p>Site: 030H05-K3 Condition: FCC PART 15C 3m 3317 SN 79597 HORIZONTAL Project: RSM 1000.000KHz VSWR 3000.000KHz SRT Auto Mode: (FR)263001 Plane: X Full-directivity: X PowerSetting: 67</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>deg</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2432.00</td> <td>108.78</td> <td>34.78</td> <td>74.00</td> <td>105.55</td> <td>32.92</td> <td>7.10</td> <td>36.85</td> <td>163</td> <td>174</td> <td>Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dBm	dBm	dBm	dBm	deg	deg	1	2432.00	108.78	34.78	74.00	105.55	32.92	7.10	36.85	163	174	Peak	HORIZONTAL
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																					
MHz	dBm	dBm	dBm	dBm	dBm	deg	deg																																																					
1	2389.04	50.04	-3.96	54.00	48.92	32.88	7.10	36.86	163	174	Average	HORIZONTAL																																																
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																					
MHz	dBm	dBm	dBm	dBm	dBm	deg	deg																																																					
1	2432.00	108.78	34.78	74.00	105.55	32.92	7.10	36.85	163	174	Peak	HORIZONTAL																																																

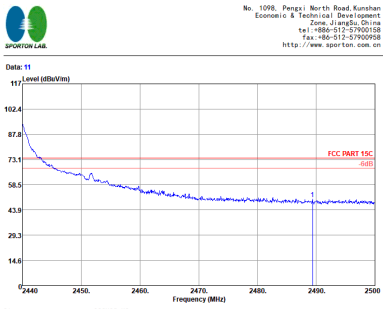
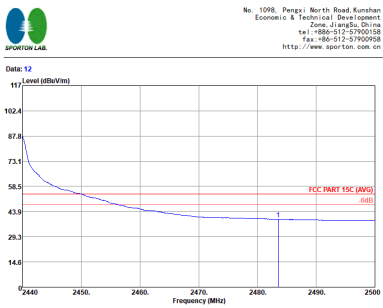


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																	
ANT	802.11n HT40 CH03 2422MHz - R																																	
1	Horizontal	Fundamental																																
<p>Peak</p>	<p>Site : 030905-K3 Condition : FCC PART 15C 3m 3317 SN 79957 HORIZONTAL Project : FR0263001 Mode : 16 Plane : 3 MEI : Full-directivity PowerRating : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2499.76</td> <td>53.86</td> <td>-20.14</td> <td>74.00</td> <td>50.39</td> <td>33.00</td> <td>7.28</td> <td>36.81</td> <td>163</td> <td>174 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg			1	2499.76	53.86	-20.14	74.00	50.39	33.00	7.28	36.81	163	174 Peak	HORIZONTAL	<p>Left Blank</p>
Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																									
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																											
1	2499.76	53.86	-20.14	74.00	50.39	33.00	7.28	36.81	163	174 Peak	HORIZONTAL																							
<p>Avg.</p>	<p>Site : 030905-K3 Condition : FCC PART 15C (Ave) 3m 3317 SN 79957 HORIZONTAL Project : FR0263001 Mode : 16 Plane : 3 MEI : Full-directivity PowerRating : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2496.70</td> <td>41.67</td> <td>-12.33</td> <td>54.00</td> <td>38.20</td> <td>33.00</td> <td>7.28</td> <td>36.81</td> <td>163</td> <td>174 Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg			1	2496.70	41.67	-12.33	54.00	38.20	33.00	7.28	36.81	163	174 Average	HORIZONTAL	<p>Left Blank</p>
Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																									
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																											
1	2496.70	41.67	-12.33	54.00	38.20	33.00	7.28	36.81	163	174 Average	HORIZONTAL																							

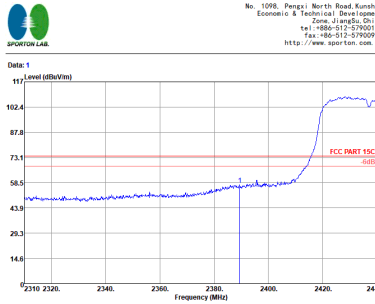
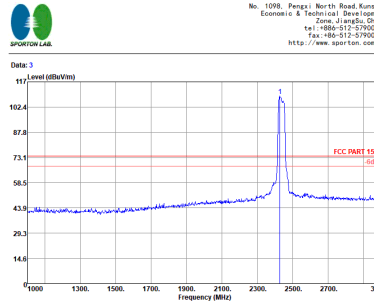
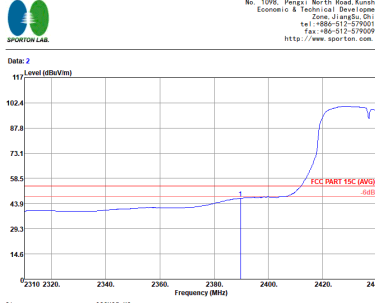
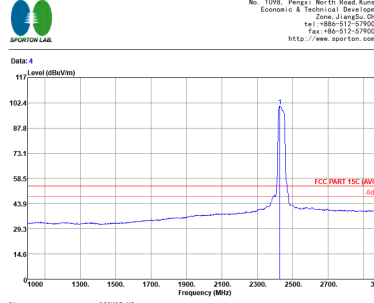


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																	
ANT	802.11n HT40 CH03 2422MHz - L																																																																	
1	Vertical	Fundamental																																																																
Peak	<p>Site : 030H05-K3 Condition : FCC PART 15C 3e 3317 5N 75957 VERTICAL Project : FR263001 Mode : 16 Plane : Z Full-directivity : 2 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.69</td> <td>55.24</td> <td>-18.76</td> <td>74.00</td> <td>52.12</td> <td>32.88</td> <td>7.10</td> <td>36.86</td> <td>385</td> <td>208 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg			1	2389.69	55.24	-18.76	74.00	52.12	32.88	7.10	36.86	385	208 Peak	VERTICAL	<p>Site : 030H05-K3 Condition : FCC PART 15C 3e 3317 5N 75957 VERTICAL Project : FR263001 Mode : 16 Plane : Z Full-directivity : 2 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2432.00</td> <td>105.72</td> <td>31.72</td> <td>74.00</td> <td>102.49</td> <td>32.92</td> <td>7.16</td> <td>36.85</td> <td>385</td> <td>208 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg			1	2432.00	105.72	31.72	74.00	102.49	32.92	7.16	36.85	385	208 Peak	VERTICAL
	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																								
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																											
1	2389.69	55.24	-18.76	74.00	52.12	32.88	7.10	36.86	385	208 Peak	VERTICAL																																																							
Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																									
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																											
1	2432.00	105.72	31.72	74.00	102.49	32.92	7.16	36.85	385	208 Peak	VERTICAL																																																							
Avg.	<p>Site : 030H05-K3 Condition : FCC PART 15C (AVG) 3e 3317 5N 75957 VERTICAL Project : FR263001 Mode : 16 Plane : Z Full-directivity : 2 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.82</td> <td>44.40</td> <td>-9.60</td> <td>54.00</td> <td>41.28</td> <td>32.88</td> <td>7.10</td> <td>36.86</td> <td>385</td> <td>208 Average</td> <td>VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg			1	2389.82	44.40	-9.60	54.00	41.28	32.88	7.10	36.86	385	208 Average	VERTICAL	<p>Site : 030H05-K3 Condition : FCC PART 15C (AVG) 3e 3317 5N 75957 VERTICAL Project : FR263001 Mode : 16 Plane : Z Full-directivity : 2 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2430.00</td> <td>98.09</td> <td>44.09</td> <td>54.00</td> <td>94.86</td> <td>32.92</td> <td>7.16</td> <td>36.85</td> <td>385</td> <td>208 Average</td> <td>VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg			1	2430.00	98.09	44.09	54.00	94.86	32.92	7.16	36.85	385	208 Average	VERTICAL
	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																								
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																											
1	2389.82	44.40	-9.60	54.00	41.28	32.88	7.10	36.86	385	208 Average	VERTICAL																																																							
Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																									
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																											
1	2430.00	98.09	44.09	54.00	94.86	32.92	7.16	36.85	385	208 Average	VERTICAL																																																							



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																														
ANT	802.11n HT40 CH03 2422MHz - R																														
1	Vertical	Fundamental																													
<p>Peak</p>	 <p>Site : 030805-K3 Condition : FCC PART 15C 3m 3317 5N 75957 VERTICAL Project : RBM 1000 000kHz VBW 3000 000kHz SFT Auto FRU 263001 Mode : 10 Plane : 3 Full-directivity : 0 MEI : 0 Powerstting : 0</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2489.38</td> <td>50.33</td> <td>-23.67</td> <td>74.00</td> <td>46.89</td> <td>33.00</td> <td>7.25</td> <td>36.81</td> <td>385</td> <td>208</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1	2489.38	50.33	-23.67	74.00	46.89	33.00	7.25	36.81	385	208	Peak	VERTICAL	<p>Left blank</p>
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																								
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																								
1	2489.38	50.33	-23.67	74.00	46.89	33.00	7.25	36.81	385	208	Peak	VERTICAL																			
<p>Avg.</p>	 <p>Site : 030805-K3 Condition : FCC PART 15C (Ave) 3m 3317 5N 75957 VERTICAL Project : RBM 1000 000kHz VBW 3.0100kHz SFT Auto FRU 263001 Mode : 10 Plane : 3 Full-directivity : 0 MEI : 0 Powerstting : 0</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2483.56</td> <td>39.45</td> <td>-14.55</td> <td>54.00</td> <td>36.04</td> <td>32.98</td> <td>7.25</td> <td>36.82</td> <td>385</td> <td>208</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1	2483.56	39.45	-14.55	54.00	36.04	32.98	7.25	36.82	385	208	Average	VERTICAL	<p>Left blank</p>
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																								
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																								
1	2483.56	39.45	-14.55	54.00	36.04	32.98	7.25	36.82	385	208	Average	VERTICAL																			



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																	
ANT	802.11n HT40 CH06 2437MHz - L																																																																	
1	Horizontal	Fundamental																																																																
Peak	 <p>Site : 030H05-K3 Condition : FCC PART 15C 3e 3317 SN 79957 HORIZONTAL Project : RRM 1000.000KHz VBR 3000.000KHz SMT Auto Mode : FRI 263001 Plane : 17 Full-directivity : 2 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dB/m</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.43</td> <td>57.22</td> <td>-16.78</td> <td>74.00</td> <td>54.10</td> <td>32.88</td> <td>7.10</td> <td>36.86</td> <td>163</td> <td>173 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBV/m	dB	dBV/m	dB/m	dB	cm	deg			1	2389.43	57.22	-16.78	74.00	54.10	32.88	7.10	36.86	163	173 Peak	HORIZONTAL	 <p>Site : 030H05-K3 Condition : FCC PART 15C 3e 3317 SN 79957 HORIZONTAL Project : RRM 1000.000KHz VBR 3000.000KHz SMT Auto Mode : FRI 263001 Plane : 17 Full-directivity : 2 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dB/m</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2428.00</td> <td>109.00</td> <td>35.00</td> <td>74.00</td> <td>105.77</td> <td>32.92</td> <td>7.16</td> <td>36.85</td> <td>163</td> <td>173 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBV/m	dB	dBV/m	dB/m	dB	cm	deg			1	2428.00	109.00	35.00	74.00	105.77	32.92	7.16	36.85	163	173 Peak	HORIZONTAL
Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																									
MHz	dBV/m	dB	dBV/m	dB/m	dB	cm	deg																																																											
1	2389.43	57.22	-16.78	74.00	54.10	32.88	7.10	36.86	163	173 Peak	HORIZONTAL																																																							
Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																									
MHz	dBV/m	dB	dBV/m	dB/m	dB	cm	deg																																																											
1	2428.00	109.00	35.00	74.00	105.77	32.92	7.16	36.85	163	173 Peak	HORIZONTAL																																																							
Avg.	 <p>Site : 030H05-K3 Condition : FCC PART 15C (AVG) 3e 3317 SN 79957 HORIZONTAL Project : RRM 1000.000KHz VBR 3.0100KHz SMT Auto Mode : FRI 263001 Plane : 17 Full-directivity : 2 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dB/m</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.69</td> <td>46.96</td> <td>-7.04</td> <td>54.00</td> <td>43.84</td> <td>32.88</td> <td>7.10</td> <td>36.86</td> <td>163</td> <td>173 Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBV/m	dB	dBV/m	dB/m	dB	cm	deg			1	2389.69	46.96	-7.04	54.00	43.84	32.88	7.10	36.86	163	173 Average	HORIZONTAL	 <p>Site : 030H05-K3 Condition : FCC PART 15C (AVG) 3e 3317 SN 79957 HORIZONTAL Project : RRM 1000.000KHz VBR 3.0100KHz SMT Auto Mode : FRI 263001 Plane : 17 Full-directivity : 2 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dB/m</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2428.00</td> <td>100.52</td> <td>46.52</td> <td>54.00</td> <td>97.29</td> <td>32.92</td> <td>7.16</td> <td>36.85</td> <td>163</td> <td>173 Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBV/m	dB	dBV/m	dB/m	dB	cm	deg			1	2428.00	100.52	46.52	54.00	97.29	32.92	7.16	36.85	163	173 Average	HORIZONTAL
Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																									
MHz	dBV/m	dB	dBV/m	dB/m	dB	cm	deg																																																											
1	2389.69	46.96	-7.04	54.00	43.84	32.88	7.10	36.86	163	173 Average	HORIZONTAL																																																							
Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																									
MHz	dBV/m	dB	dBV/m	dB/m	dB	cm	deg																																																											
1	2428.00	100.52	46.52	54.00	97.29	32.92	7.16	36.85	163	173 Average	HORIZONTAL																																																							



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																	
ANT	802.11n HT40 CH06 2437MHz - R																																	
1	Horizontal	Fundamental																																
<p>Peak</p>	<p>Site : 030805-K3 Condition : FCC PART 15C 3m 3317 SN 79597 HORIZONTAL Project : RBM 1000.000MHz VSW:3000.000MHz SMT Auto FRU:263001 Mode : 17 Plane : H Full-directivity : 0 MEI : 0 Powerstting : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2492.02</td> <td>54.64</td> <td>-19.36</td> <td>74.00</td> <td>51.17</td> <td>33.00</td> <td>7.28</td> <td>36.81</td> <td>163</td> <td>173 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg			1	2492.02	54.64	-19.36	74.00	51.17	33.00	7.28	36.81	163	173 Peak	HORIZONTAL	<p>Left blank</p>
Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																									
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																											
1	2492.02	54.64	-19.36	74.00	51.17	33.00	7.28	36.81	163	173 Peak	HORIZONTAL																							
<p>Avg.</p>	<p>Site : 030805-K3 Condition : FCC PART 15C (Ave) 3m 3317 SN 79597 HORIZONTAL Project : RBM 1000.000MHz VSW:3.0100MHz SMT Auto FRU:263001 Mode : 17 Plane : H Full-directivity : 0 MEI : 0 Powerstting : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2492.38</td> <td>42.38</td> <td>-11.62</td> <td>54.00</td> <td>38.91</td> <td>33.00</td> <td>7.28</td> <td>36.81</td> <td>163</td> <td>173 Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg			1	2492.38	42.38	-11.62	54.00	38.91	33.00	7.28	36.81	163	173 Average	HORIZONTAL	<p>Left blank</p>
Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																									
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																											
1	2492.38	42.38	-11.62	54.00	38.91	33.00	7.28	36.81	163	173 Average	HORIZONTAL																							



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																															
ANT	802.11n HT40 CH06 2437MHz - L																																																															
1	Vertical	Fundamental																																																														
Peak	<p>Site : 030H5-K3 Condition : FCC PART 15C 3e 3317 5N 75957 VERTICAL Project : FR263001 Mode : 17 Plane : E Full-directivity : 0 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2386.57</td> <td>52.13</td> <td>-21.87</td> <td>74.00</td> <td>49.01</td> <td>32.88</td> <td>7.10</td> <td>36.86</td> <td>337</td> <td>209</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dBm	dBm	dBm	cm	deg	cm	deg	1	2386.57	52.13	-21.87	74.00	49.01	32.88	7.10	36.86	337	209	Peak	VERTICAL	<p>Site : 030H5-K3 Condition : FCC PART 15C 3e 3317 5N 75957 VERTICAL Project : FR263001 Mode : 17 Plane : E Full-directivity : 0 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2446.00</td> <td>106.09</td> <td>32.09</td> <td>74.00</td> <td>102.80</td> <td>32.94</td> <td>7.19</td> <td>36.84</td> <td>337</td> <td>209</td> <td>Peak</td> <td>VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dBm	dBm	dBm	cm	deg	cm	deg	1	2446.00	106.09	32.09	74.00	102.80	32.94	7.19	36.84	337	209	Peak	VERTICAL
	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																							
MHz	dBm	dBm	dBm	dBm	cm	deg	cm	deg																																																								
1	2386.57	52.13	-21.87	74.00	49.01	32.88	7.10	36.86	337	209	Peak	VERTICAL																																																				
Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																								
MHz	dBm	dBm	dBm	dBm	cm	deg	cm	deg																																																								
1	2446.00	106.09	32.09	74.00	102.80	32.94	7.19	36.84	337	209	Peak	VERTICAL																																																				
Avg.	<p>Site : 030H5-K3 Condition : FCC PART 15C (AVG) 3e 3317 5N 75957 VERTICAL Project : FR263001 Mode : 17 Plane : E Full-directivity : 0 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.95</td> <td>42.02</td> <td>-11.98</td> <td>54.00</td> <td>38.90</td> <td>32.88</td> <td>7.10</td> <td>36.86</td> <td>337</td> <td>209</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dBm	dBm	dBm	cm	deg	cm	deg	1	2389.95	42.02	-11.98	54.00	38.90	32.88	7.10	36.86	337	209	Average	VERTICAL	<p>Site : 030H5-K3 Condition : FCC PART 15C (AVG) 3e 3317 5N 75957 VERTICAL Project : FR263001 Mode : 17 Plane : E Full-directivity : 0 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>dBm</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2446.00</td> <td>98.11</td> <td>44.11</td> <td>54.00</td> <td>94.82</td> <td>32.94</td> <td>7.19</td> <td>36.84</td> <td>337</td> <td>209</td> <td>Average</td> <td>VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm	dBm	dBm	dBm	cm	deg	cm	deg	1	2446.00	98.11	44.11	54.00	94.82	32.94	7.19	36.84	337	209	Average	VERTICAL
	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																							
MHz	dBm	dBm	dBm	dBm	cm	deg	cm	deg																																																								
1	2389.95	42.02	-11.98	54.00	38.90	32.88	7.10	36.86	337	209	Average	VERTICAL																																																				
Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																								
MHz	dBm	dBm	dBm	dBm	cm	deg	cm	deg																																																								
1	2446.00	98.11	44.11	54.00	94.82	32.94	7.19	36.84	337	209	Average	VERTICAL																																																				

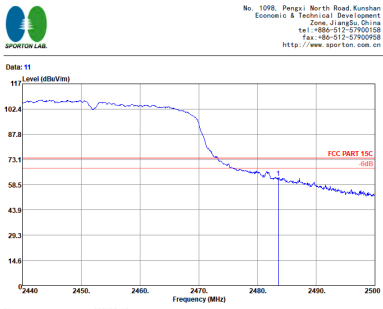
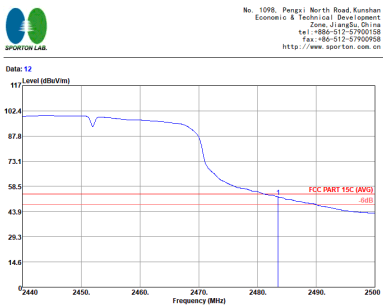


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																
ANT	802.11n HT40 CH06 2437MHz - R																																
1	Horizontal	Fundamental																															
<p>Peak</p>	<p>Site : 030805-K3 Condition : FCC PART 15C 3m 3317 5N 79597 VERTICAL Project : RBM 1000 000MHz V98 3000 000MHz SRT Auto Mode : FR1263001 Plane : 17 MEI : Full-directivity PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2490.04</td> <td>51.90 -22.10</td> <td>74.00</td> <td>48.46</td> <td>33.00</td> <td>7.25</td> <td>36.81</td> <td>337</td> <td>209 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg			1	2490.04	51.90 -22.10	74.00	48.46	33.00	7.25	36.81	337	209 Peak	VERTICAL	<p>Left blank</p>
Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																								
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																										
1	2490.04	51.90 -22.10	74.00	48.46	33.00	7.25	36.81	337	209 Peak	VERTICAL																							
<p>Avg.</p>	<p>Site : 030805-K3 Condition : FCC PART 15C (Ave) 3m 3317 5N 79597 VERTICAL Project : RBM 1000 000MHz V98 3000 000MHz SRT Auto Mode : FR1263001 Plane : 17 MEI : Full-directivity PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2483.56</td> <td>41.48 -12.52</td> <td>54.00</td> <td>38.07</td> <td>32.98</td> <td>7.25</td> <td>36.82</td> <td>337</td> <td>209 Average</td> <td>VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg			1	2483.56	41.48 -12.52	54.00	38.07	32.98	7.25	36.82	337	209 Average	VERTICAL	<p>Left blank</p>
Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																								
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																										
1	2483.56	41.48 -12.52	54.00	38.07	32.98	7.25	36.82	337	209 Average	VERTICAL																							



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																					
ANT	802.11n HT40 CH09 2452MHz - L																																																																					
1	Horizontal	Fundamental																																																																				
Peak	<p>No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900958 fax: +86-512-57900958 http://www.sporton.com.cn</p> <p>Site : 030H05-K3 Condition : FCC PART 15C 3e 3317 SN 79597 HORIZONTAL Project : FR263001 Mode : 18 Plane : Z Full-directivity : 2 Powerstting : 67</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2388.65</td> <td>52.67</td> <td>-21.23</td> <td>74.00</td> <td>49.55</td> <td>32.88</td> <td>7.10</td> <td>36.86</td> <td>131</td> <td>175 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	cm	deg	1	2388.65	52.67	-21.23	74.00	49.55	32.88	7.10	36.86	131	175 Peak	HORIZONTAL	<p>No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900958 fax: +86-512-57900958 http://www.sporton.com.cn</p> <p>Site : 030H05-K3 Condition : FCC PART 15C 3e 3317 SN 79597 HORIZONTAL Project : FR263001 Mode : 18 Plane : Z Full-directivity : 2 Powerstting : 67</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2444.00</td> <td>108.13</td> <td>34.13</td> <td>74.00</td> <td>104.84</td> <td>32.94</td> <td>7.19</td> <td>36.84</td> <td>131</td> <td>175 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	cm	deg	1	2444.00	108.13	34.13	74.00	104.84	32.94	7.19	36.84	131	175 Peak	HORIZONTAL
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																												
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	cm	deg																																																												
1	2388.65	52.67	-21.23	74.00	49.55	32.88	7.10	36.86	131	175 Peak	HORIZONTAL																																																											
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																												
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	cm	deg																																																												
1	2444.00	108.13	34.13	74.00	104.84	32.94	7.19	36.84	131	175 Peak	HORIZONTAL																																																											
Avg.	<p>No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900958 fax: +86-512-57900958 http://www.sporton.com.cn</p> <p>Site : 030H05-K3 Condition : FCC PART 15C (AVG) 3e 3317 SN 79597 HORIZONTAL Project : FR263001 Mode : 18 Plane : Z Full-directivity : 2 Powerstting : 67</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2370.19</td> <td>41.49</td> <td>-12.51</td> <td>54.00</td> <td>38.43</td> <td>32.86</td> <td>7.07</td> <td>36.87</td> <td>131</td> <td>175 Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	cm	deg	1	2370.19	41.49	-12.51	54.00	38.43	32.86	7.07	36.87	131	175 Average	HORIZONTAL	<p>No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900958 fax: +86-512-57900958 http://www.sporton.com.cn</p> <p>Site : 030H05-K3 Condition : FCC PART 15C (AVG) 3e 3317 SN 79597 HORIZONTAL Project : FR263001 Mode : 18 Plane : Z Full-directivity : 2 Powerstting : 67</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dBuV</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th>cm</th> <th>deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2444.00</td> <td>99.96</td> <td>45.96</td> <td>54.00</td> <td>96.67</td> <td>32.94</td> <td>7.19</td> <td>36.84</td> <td>131</td> <td>175 Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	cm	deg	1	2444.00	99.96	45.96	54.00	96.67	32.94	7.19	36.84	131	175 Average	HORIZONTAL
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																												
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	cm	deg																																																												
1	2370.19	41.49	-12.51	54.00	38.43	32.86	7.07	36.87	131	175 Average	HORIZONTAL																																																											
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																												
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	cm	deg																																																												
1	2444.00	99.96	45.96	54.00	96.67	32.94	7.19	36.84	131	175 Average	HORIZONTAL																																																											



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																	
ANT	802.11n HT40 CH09 2452MHz - R																																	
1	Horizontal	Fundamental																																
<p>Peak</p>	 <p>Site : 030805-K3 Condition : FCC PART 15C 3m 3317 SN 75957 HORIZONTAL Project : RBM 1000.000MHz VBW 3000.000MHz SFT Auto Model : FRI 263001 Mode : IS Plane : H MEI : Full-directivity PowerSetting : 02</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Poi/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2483.56</td> <td>62.58</td> <td>-11.42</td> <td>74.00</td> <td>69.17</td> <td>32.98</td> <td>7.25</td> <td>36.82</td> <td>131</td> <td>175 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Poi/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg			1	2483.56	62.58	-11.42	74.00	69.17	32.98	7.25	36.82	131	175 Peak	HORIZONTAL	<p>Left blank</p>
Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Poi/Phas																									
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																											
1	2483.56	62.58	-11.42	74.00	69.17	32.98	7.25	36.82	131	175 Peak	HORIZONTAL																							
<p>Avg.</p>	 <p>Site : 030805-K3 Condition : FCC PART 15C (AVG) 3m 3317 SN 75957 HORIZONTAL Project : RBM 1000.000MHz VBW 3.010MHz SFT Auto Model : FRI 263001 Mode : IS Plane : H MEI : Full-directivity PowerSetting : 02</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Poi/Phas</th> </tr> <tr> <th>MHz</th> <th>dBuV/m</th> <th>dB</th> <th>dBuV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2483.50</td> <td>52.40</td> <td>-11.60</td> <td>54.00</td> <td>48.99</td> <td>32.98</td> <td>7.25</td> <td>36.82</td> <td>131</td> <td>175 Average</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Poi/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg			1	2483.50	52.40	-11.60	54.00	48.99	32.98	7.25	36.82	131	175 Average	HORIZONTAL	<p>Left blank</p>
Freq	Level	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Poi/Phas																									
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																											
1	2483.50	52.40	-11.60	54.00	48.99	32.98	7.25	36.82	131	175 Average	HORIZONTAL																							



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																	
ANT	802.11n HT40 CH09 2452MHz - L																																																																	
1	Vertical	Fundamental																																																																
Peak	<p>Site : 030H05-K3 Condition : FCC PART 15C 3e 3317 5N 75957 VERTICAL Project : RBM 1000 000MHz VBR 3000 000MHz SMT Auto Mode : 1B Plane : Z Full-directivity : 2 Powerstting : 67</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2384.49</td> <td>50.63</td> <td>-23.37</td> <td>74.00</td> <td>47.54</td> <td>32.86</td> <td>7.10</td> <td>36.87</td> <td>337</td> <td>207 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBV/m	dB	dBV/m	dB	dB	cm	deg			1	2384.49	50.63	-23.37	74.00	47.54	32.86	7.10	36.87	337	207 Peak	VERTICAL	<p>Site : 030H05-K3 Condition : FCC PART 15C 3e 3317 5N 75957 VERTICAL Project : RBM 1000 000MHz VBR 3000 000MHz SMT Auto Mode : 1B Plane : Z Full-directivity : 2 Powerstting : 67</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2444.00</td> <td>106.27</td> <td>32.27</td> <td>74.00</td> <td>102.98</td> <td>32.94</td> <td>7.19</td> <td>36.84</td> <td>337</td> <td>207 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBV/m	dB	dBV/m	dB	dB	cm	deg			1	2444.00	106.27	32.27	74.00	102.98	32.94	7.19	36.84	337	207 Peak	VERTICAL
	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																								
MHz	dBV/m	dB	dBV/m	dB	dB	cm	deg																																																											
1	2384.49	50.63	-23.37	74.00	47.54	32.86	7.10	36.87	337	207 Peak	VERTICAL																																																							
Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																									
MHz	dBV/m	dB	dBV/m	dB	dB	cm	deg																																																											
1	2444.00	106.27	32.27	74.00	102.98	32.94	7.19	36.84	337	207 Peak	VERTICAL																																																							
Avg.	<p>Site : 030H05-K3 Condition : FCC PART 15C (AVG) 3e 3317 5N 75957 VERTICAL Project : RBM 1000 000MHz VBR 3000 000MHz SMT Auto Mode : 1B Plane : Z Full-directivity : 2 Powerstting : 67</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2389.55</td> <td>40.05</td> <td>-13.95</td> <td>54.00</td> <td>35.93</td> <td>32.88</td> <td>7.10</td> <td>36.86</td> <td>337</td> <td>207 Average</td> <td>VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBV/m	dB	dBV/m	dB	dB	cm	deg			1	2389.55	40.05	-13.95	54.00	35.93	32.88	7.10	36.86	337	207 Average	VERTICAL	<p>Site : 030H05-K3 Condition : FCC PART 15C (AVG) 3e 3317 5N 75957 VERTICAL Project : RBM 1000 000MHz VBR 3000 000MHz SMT Auto Mode : 1B Plane : Z Full-directivity : 2 Powerstting : 67</p> <table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>MHz</th> <th>dBV/m</th> <th>dB</th> <th>dBV/m</th> <th>dB</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2444.00</td> <td>98.11</td> <td>44.11</td> <td>54.00</td> <td>94.82</td> <td>32.94</td> <td>7.19</td> <td>36.84</td> <td>337</td> <td>207 Average</td> <td>VERTICAL</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBV/m	dB	dBV/m	dB	dB	cm	deg			1	2444.00	98.11	44.11	54.00	94.82	32.94	7.19	36.84	337	207 Average	VERTICAL
	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																								
MHz	dBV/m	dB	dBV/m	dB	dB	cm	deg																																																											
1	2389.55	40.05	-13.95	54.00	35.93	32.88	7.10	36.86	337	207 Average	VERTICAL																																																							
Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																									
MHz	dBV/m	dB	dBV/m	dB	dB	cm	deg																																																											
1	2444.00	98.11	44.11	54.00	94.82	32.94	7.19	36.84	337	207 Average	VERTICAL																																																							



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																					
ANT	802.11n HT40 CH09 2452MHz - R																					
1	Vertical	Fundamental																				
<p>Peak</p>	<table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> </thead> <tbody> <tr> <td>2483.74</td> <td>58.32</td> <td>-15.68</td> <td>74.00</td> <td>64.91</td> <td>32.98</td> <td>7.25</td> <td>36.82</td> <td>337</td> <td>207 Peak</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	2483.74	58.32	-15.68	74.00	64.91	32.98	7.25	36.82	337	207 Peak	<p>Left blank</p>
Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas													
2483.74	58.32	-15.68	74.00	64.91	32.98	7.25	36.82	337	207 Peak													
<p>Avg.</p>	<table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> </thead> <tbody> <tr> <td>2483.50</td> <td>47.86</td> <td>-6.14</td> <td>54.00</td> <td>44.45</td> <td>32.98</td> <td>7.25</td> <td>36.82</td> <td>337</td> <td>207 Average</td> </tr> </tbody> </table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	2483.50	47.86	-6.14	54.00	44.45	32.98	7.25	36.82	337	207 Average	<p>Left blank</p>
Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas													
2483.50	47.86	-6.14	54.00	44.45	32.98	7.25	36.82	337	207 Average													



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m																																																																																	
ANT	802.11b CH01 2412MHz																																																																																	
1	Horizontal	Vertical																																																																																
Peak Avg.	<p>Site : 030905-K3 Condition : FCC PART 15C 3m 3317.5M 79597 HORIZONTAL Project : RSM 1000.000KHz VBR 3000.000KHz SRT Auto Mode : 7 Plane : Z Full-directivity : 2 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Level</th> <th>Level</th> <th>Level</th> <th>Factor</th> <th>Loss Factor</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3210.00</td> <td>52.17</td> <td>75.58</td> <td>33.02</td> <td>8.30</td> <td>64.73</td> <td>300</td> <td>0 Peak</td> <td>HORIZONTAL</td> </tr> <tr> <td>2</td> <td>4830.00</td> <td>48.22</td> <td>25.78</td> <td>74.00</td> <td>69.15</td> <td>34.20</td> <td>10.25</td> <td>65.38</td> <td>300</td> <td>0 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Level	Level	Level	Factor	Loss Factor	dB	dB	dB	dB	1	3210.00	52.17	75.58	33.02	8.30	64.73	300	0 Peak	HORIZONTAL	2	4830.00	48.22	25.78	74.00	69.15	34.20	10.25	65.38	300	0 Peak	HORIZONTAL	<p>Site : 030905-K3 Condition : FCC PART 15C 3m 3317.5M 79597 VERTICAL Project : RSM 1000.000KHz VBR 3000.000KHz SRT Auto Mode : 7 Plane : Z Full-directivity : 2 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Level</th> <th>Level</th> <th>Level</th> <th>Factor</th> <th>Loss Factor</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3210.00</td> <td>49.52</td> <td>72.93</td> <td>33.02</td> <td>8.30</td> <td>64.73</td> <td>100</td> <td>0 Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2</td> <td>4830.00</td> <td>43.88</td> <td>-30.12</td> <td>74.00</td> <td>64.81</td> <td>34.20</td> <td>10.25</td> <td>65.38</td> <td>100</td> <td>0 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Level	Level	Level	Factor	Loss Factor	dB	dB	dB	dB	1	3210.00	49.52	72.93	33.02	8.30	64.73	100	0 Peak	VERTICAL	2	4830.00	43.88	-30.12	74.00	64.81	34.20	10.25	65.38	100	0 Peak	VERTICAL
	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																									
Level	Level	Level	Factor	Loss Factor	dB	dB	dB	dB																																																																										
1	3210.00	52.17	75.58	33.02	8.30	64.73	300	0 Peak	HORIZONTAL																																																																									
2	4830.00	48.22	25.78	74.00	69.15	34.20	10.25	65.38	300	0 Peak	HORIZONTAL																																																																							
Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																										
Level	Level	Level	Factor	Loss Factor	dB	dB	dB	dB																																																																										
1	3210.00	49.52	72.93	33.02	8.30	64.73	100	0 Peak	VERTICAL																																																																									
2	4830.00	43.88	-30.12	74.00	64.81	34.20	10.25	65.38	100	0 Peak	VERTICAL																																																																							



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m																																																																																																																																	
ANT	802.11b CH06 2437MHz																																																																																																																																	
1	Horizontal	Vertical																																																																																																																																
Peak Avg.	<p>Site : 030805-K5 Condition : FCC PART 15C 3m 3317 5N 79957 HORIZONTA Project : RBM 1000 000KHz VBR 3000 000KHz SMT Auto Model : FRS243001 Mode : S Plane : L Full-directivity : 0 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Level</th> <th>Line</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3255.00</td> <td>51.62</td> <td>74.96</td> <td>33.00</td> <td>8.37</td> <td>64.71</td> <td>300</td> <td>0 Peak</td> <td>HORIZONT</td> </tr> <tr> <td>2</td> <td>4875.00</td> <td>49.39</td> <td>-24.41</td> <td>74.00</td> <td>70.29</td> <td>34.23</td> <td>10.29</td> <td>65.42</td> <td>100</td> <td>84 Peak</td> <td>HORIZONT</td> </tr> <tr> <td>3</td> <td>4875.00</td> <td>44.39</td> <td>-16.91</td> <td>54.00</td> <td>62.29</td> <td>34.23</td> <td>10.29</td> <td>65.42</td> <td>100</td> <td>84 Average</td> <td>HORIZONT</td> </tr> <tr> <td>4</td> <td>7305.00</td> <td>50.48</td> <td>-23.53</td> <td>74.00</td> <td>67.81</td> <td>35.86</td> <td>12.72</td> <td>65.91</td> <td>108</td> <td>281 Peak</td> <td>HORIZONT</td> </tr> <tr> <td>5</td> <td>7305.00</td> <td>43.23</td> <td>-10.77</td> <td>54.00</td> <td>60.56</td> <td>35.86</td> <td>13.72</td> <td>65.91</td> <td>108</td> <td>281 Average</td> <td>HORIZONT</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Level	Line	Level	Factor	Loss	Factor	Factor	Factor	Factor	1	3255.00	51.62	74.96	33.00	8.37	64.71	300	0 Peak	HORIZONT	2	4875.00	49.39	-24.41	74.00	70.29	34.23	10.29	65.42	100	84 Peak	HORIZONT	3	4875.00	44.39	-16.91	54.00	62.29	34.23	10.29	65.42	100	84 Average	HORIZONT	4	7305.00	50.48	-23.53	74.00	67.81	35.86	12.72	65.91	108	281 Peak	HORIZONT	5	7305.00	43.23	-10.77	54.00	60.56	35.86	13.72	65.91	108	281 Average	HORIZONT	<p>Site : 030805-K5 Condition : FCC PART 15C 3m 3317 5N 79957 VERTICAL Project : RBM 1000 000KHz VBR 3000 000KHz SMT Auto Model : FRS243001 Mode : S Plane : L Full-directivity : 0 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Over</th> <th>Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th>Level</th> <th>Line</th> <th>Level</th> <th>Factor</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> <th>Factor</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3255.00</td> <td>47.42</td> <td>70.96</td> <td>33.00</td> <td>8.37</td> <td>64.71</td> <td>100</td> <td>0 Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2</td> <td>4875.00</td> <td>44.74</td> <td>-29.26</td> <td>74.00</td> <td>65.64</td> <td>34.23</td> <td>10.29</td> <td>65.42</td> <td>100</td> <td>0 Peak</td> <td>VERTICAL</td> </tr> <tr> <td>3</td> <td>7305.00</td> <td>45.94</td> <td>-28.99</td> <td>74.00</td> <td>62.37</td> <td>35.86</td> <td>12.72</td> <td>65.91</td> <td>100</td> <td>0 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table>	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Level	Line	Level	Factor	Loss	Factor	Factor	Factor	Factor	1	3255.00	47.42	70.96	33.00	8.37	64.71	100	0 Peak	VERTICAL	2	4875.00	44.74	-29.26	74.00	65.64	34.23	10.29	65.42	100	0 Peak	VERTICAL	3	7305.00	45.94	-28.99	74.00	62.37	35.86	12.72	65.91	100	0 Peak	VERTICAL
	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																																																									
Level	Line	Level	Factor	Loss	Factor	Factor	Factor	Factor																																																																																																																										
1	3255.00	51.62	74.96	33.00	8.37	64.71	300	0 Peak	HORIZONT																																																																																																																									
2	4875.00	49.39	-24.41	74.00	70.29	34.23	10.29	65.42	100	84 Peak	HORIZONT																																																																																																																							
3	4875.00	44.39	-16.91	54.00	62.29	34.23	10.29	65.42	100	84 Average	HORIZONT																																																																																																																							
4	7305.00	50.48	-23.53	74.00	67.81	35.86	12.72	65.91	108	281 Peak	HORIZONT																																																																																																																							
5	7305.00	43.23	-10.77	54.00	60.56	35.86	13.72	65.91	108	281 Average	HORIZONT																																																																																																																							
Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																																																										
Level	Line	Level	Factor	Loss	Factor	Factor	Factor	Factor																																																																																																																										
1	3255.00	47.42	70.96	33.00	8.37	64.71	100	0 Peak	VERTICAL																																																																																																																									
2	4875.00	44.74	-29.26	74.00	65.64	34.23	10.29	65.42	100	0 Peak	VERTICAL																																																																																																																							
3	7305.00	45.94	-28.99	74.00	62.37	35.86	12.72	65.91	100	0 Peak	VERTICAL																																																																																																																							



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m																																																																																
ANT	802.11b CH11 2462MHz																																																																																
1	Horizontal	Vertical																																																																															
Peak Avg.	<p>Site : 030805-K5 Condition : FCC PART 15C 3m 3317 5N 79957 HORIZONTAL Project : RBM 1000 000kHz VBR 3000 000kHz SMT Auto Mode : 9 Plane : 1 Full-directivity : 1 IMEI : 07 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Peak</th> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3285.00</td> <td>51.70</td> <td>-88</td> <td>dBu/m</td> <td>75.03</td> <td>32.99</td> <td>8.39</td> <td>64.71</td> <td>0 Peak</td> <td>HORIZONTAL</td> </tr> <tr> <td>2</td> <td>4920.00</td> <td>46.89</td> <td>-27.11</td> <td>74.00</td> <td>67.74</td> <td>34.26</td> <td>10.34</td> <td>65.45</td> <td>0 Peak</td> <td>HORIZONTAL</td> </tr> <tr> <td>3</td> <td>7380.00</td> <td>48.45</td> <td>-25.50</td> <td>74.00</td> <td>65.90</td> <td>35.88</td> <td>12.73</td> <td>66.11</td> <td>0 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Peak	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	1	3285.00	51.70	-88	dBu/m	75.03	32.99	8.39	64.71	0 Peak	HORIZONTAL	2	4920.00	46.89	-27.11	74.00	67.74	34.26	10.34	65.45	0 Peak	HORIZONTAL	3	7380.00	48.45	-25.50	74.00	65.90	35.88	12.73	66.11	0 Peak	HORIZONTAL	<p>Site : 030805-K5 Condition : FCC PART 15C 3m 3317 5N 79957 VERTICAL Project : RBM 1000 000kHz VBR 3000 000kHz SMT Auto Mode : 9 Plane : 1 Full-directivity : 1 IMEI : 07 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Peak</th> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4920.00</td> <td>44.42</td> <td>-29.68</td> <td>74.00</td> <td>65.27</td> <td>34.26</td> <td>10.34</td> <td>65.45</td> <td>100</td> <td>0 Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2</td> <td>7380.00</td> <td>45.94</td> <td>-28.05</td> <td>74.00</td> <td>63.44</td> <td>35.88</td> <td>12.73</td> <td>66.11</td> <td>100</td> <td>0 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table>	Peak	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	1	4920.00	44.42	-29.68	74.00	65.27	34.26	10.34	65.45	100	0 Peak	VERTICAL	2	7380.00	45.94	-28.05	74.00	63.44	35.88	12.73	66.11	100	0 Peak	VERTICAL
	Peak	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																																						
1	3285.00	51.70	-88	dBu/m	75.03	32.99	8.39	64.71	0 Peak	HORIZONTAL																																																																							
2	4920.00	46.89	-27.11	74.00	67.74	34.26	10.34	65.45	0 Peak	HORIZONTAL																																																																							
3	7380.00	48.45	-25.50	74.00	65.90	35.88	12.73	66.11	0 Peak	HORIZONTAL																																																																							
Peak	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																																							
1	4920.00	44.42	-29.68	74.00	65.27	34.26	10.34	65.45	100	0 Peak	VERTICAL																																																																						
2	7380.00	45.94	-28.05	74.00	63.44	35.88	12.73	66.11	100	0 Peak	VERTICAL																																																																						
	<p>Site : 030805-K5 Condition : FCC PART 15C 3m 3317 5N 79957 HORIZONTAL Project : RBM 1000 000kHz VBR 3000 000kHz SMT Auto Mode : 9 Plane : 1 Full-directivity : 1 IMEI : 07 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Avg</th> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3285.00</td> <td>51.70</td> <td>-88</td> <td>dBu/m</td> <td>75.03</td> <td>32.99</td> <td>8.39</td> <td>64.71</td> <td>0 Peak</td> <td>HORIZONTAL</td> </tr> <tr> <td>2</td> <td>4920.00</td> <td>46.89</td> <td>-27.11</td> <td>74.00</td> <td>67.74</td> <td>34.26</td> <td>10.34</td> <td>65.45</td> <td>0 Peak</td> <td>HORIZONTAL</td> </tr> <tr> <td>3</td> <td>7380.00</td> <td>48.45</td> <td>-25.50</td> <td>74.00</td> <td>65.90</td> <td>35.88</td> <td>12.73</td> <td>66.11</td> <td>0 Peak</td> <td>HORIZONTAL</td> </tr> </tbody> </table>	Avg	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	1	3285.00	51.70	-88	dBu/m	75.03	32.99	8.39	64.71	0 Peak	HORIZONTAL	2	4920.00	46.89	-27.11	74.00	67.74	34.26	10.34	65.45	0 Peak	HORIZONTAL	3	7380.00	48.45	-25.50	74.00	65.90	35.88	12.73	66.11	0 Peak	HORIZONTAL	<p>Site : 030805-K5 Condition : FCC PART 15C 3m 3317 5N 79957 VERTICAL Project : RBM 1000 000kHz VBR 3000 000kHz SMT Auto Mode : 9 Plane : 1 Full-directivity : 1 IMEI : 07 PowerSetting : 0</p> <table border="1"> <thead> <tr> <th>Avg</th> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Level Factor</th> <th>Loss Factor</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4920.00</td> <td>44.42</td> <td>-29.68</td> <td>74.00</td> <td>65.27</td> <td>34.26</td> <td>10.34</td> <td>65.45</td> <td>100</td> <td>0 Peak</td> <td>VERTICAL</td> </tr> <tr> <td>2</td> <td>7380.00</td> <td>45.94</td> <td>-28.05</td> <td>74.00</td> <td>63.44</td> <td>35.88</td> <td>12.73</td> <td>66.11</td> <td>100</td> <td>0 Peak</td> <td>VERTICAL</td> </tr> </tbody> </table>	Avg	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	1	4920.00	44.42	-29.68	74.00	65.27	34.26	10.34	65.45	100	0 Peak	VERTICAL	2	7380.00	45.94	-28.05	74.00	63.44	35.88	12.73	66.11	100	0 Peak	VERTICAL
Avg	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																																							
1	3285.00	51.70	-88	dBu/m	75.03	32.99	8.39	64.71	0 Peak	HORIZONTAL																																																																							
2	4920.00	46.89	-27.11	74.00	67.74	34.26	10.34	65.45	0 Peak	HORIZONTAL																																																																							
3	7380.00	48.45	-25.50	74.00	65.90	35.88	12.73	66.11	0 Peak	HORIZONTAL																																																																							
Avg	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																																							
1	4920.00	44.42	-29.68	74.00	65.27	34.26	10.34	65.45	100	0 Peak	VERTICAL																																																																						
2	7380.00	45.94	-28.05	74.00	63.44	35.88	12.73	66.11	100	0 Peak	VERTICAL																																																																						



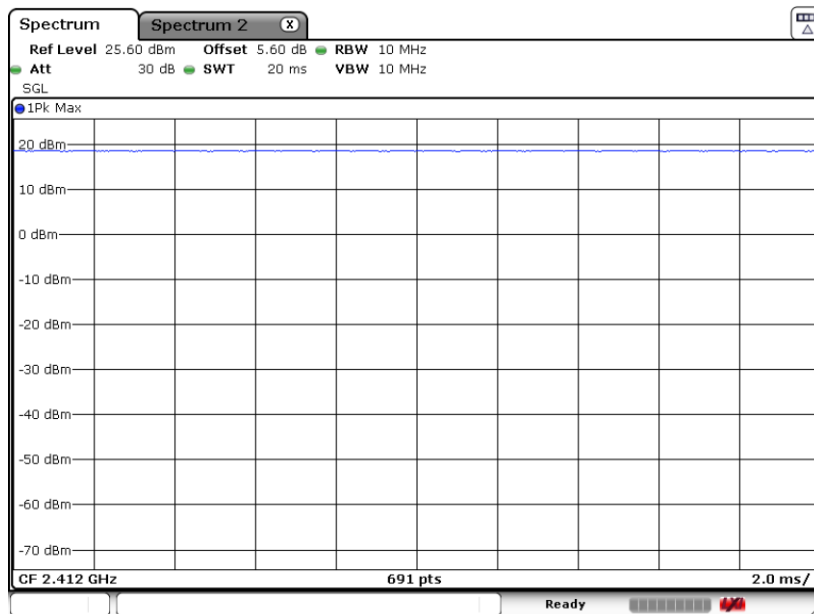
Emission below 1GHz
2.4GHz WIFI 802.11g (LF)

WIFI	2.4GHz 2400~2483.5MHz																																																																																																																																																																																			
ANT	802.11g LF																																																																																																																																																																																			
1	Horizontal	Vertical																																																																																																																																																																																		
QP / Peak	<p>Site : 030905-K3 Condition : FCC PART 15C 3m CBL1110 SN23188 HORIZONTAL Project : RSM 100.0000KHz VSW 300.0000KHz SRT Auto Project mode : 12 Plane : 1 Plane : Full-directivity</p> <table border="1"> <thead> <tr> <th>IME1</th> <th>Freq</th> <th>Level</th> <th>Over Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th></th> <th>MHz</th> <th>dBm/1m</th> <th>dB</th> <th>dBm/1m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>30.00</td> <td>26.06</td> <td>-13.94</td> <td>40.00</td> <td>32.55</td> <td>25.50</td> <td>0.71</td> <td>32.70</td> <td>---</td> <td>Peak HORIZONTAL</td> </tr> <tr> <td>2</td> <td>159.98</td> <td>19.86</td> <td>-22.64</td> <td>43.00</td> <td>33.53</td> <td>17.26</td> <td>1.93</td> <td>33.86</td> <td>---</td> <td>Peak HORIZONTAL</td> </tr> <tr> <td>3</td> <td>240.49</td> <td>21.91</td> <td>-24.09</td> <td>46.00</td> <td>33.84</td> <td>18.80</td> <td>2.23</td> <td>33.10</td> <td>---</td> <td>Peak HORIZONTAL</td> </tr> <tr> <td>4</td> <td>320.03</td> <td>30.81</td> <td>-15.19</td> <td>46.00</td> <td>40.31</td> <td>20.68</td> <td>2.72</td> <td>32.90</td> <td>---</td> <td>Peak HORIZONTAL</td> </tr> <tr> <td>5</td> <td>480.08</td> <td>28.54</td> <td>-17.46</td> <td>46.00</td> <td>33.81</td> <td>24.14</td> <td>3.26</td> <td>32.76</td> <td>---</td> <td>Peak HORIZONTAL</td> </tr> <tr> <td>6</td> <td>759.44</td> <td>26.92</td> <td>-19.08</td> <td>46.00</td> <td>28.78</td> <td>26.58</td> <td>4.22</td> <td>32.66</td> <td>---</td> <td>Peak HORIZONTAL</td> </tr> </tbody> </table>	IME1	Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBm/1m	dB	dBm/1m	dB	dB	dB	dB	dB	dB	1	30.00	26.06	-13.94	40.00	32.55	25.50	0.71	32.70	---	Peak HORIZONTAL	2	159.98	19.86	-22.64	43.00	33.53	17.26	1.93	33.86	---	Peak HORIZONTAL	3	240.49	21.91	-24.09	46.00	33.84	18.80	2.23	33.10	---	Peak HORIZONTAL	4	320.03	30.81	-15.19	46.00	40.31	20.68	2.72	32.90	---	Peak HORIZONTAL	5	480.08	28.54	-17.46	46.00	33.81	24.14	3.26	32.76	---	Peak HORIZONTAL	6	759.44	26.92	-19.08	46.00	28.78	26.58	4.22	32.66	---	Peak HORIZONTAL	<p>Site : 030905-K3 Condition : FCC PART 15C 3m CBL1110 SN23188 VERTICAL Project : RSM 100.0000KHz VSW 300.0000KHz SRT Auto Project mode : 12 Plane : 1 Plane : Full-directivity</p> <table border="1"> <thead> <tr> <th>IME1</th> <th>IME2</th> <th>Freq</th> <th>Level</th> <th>Over Limit</th> <th>ReadAntenna</th> <th>Cable</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Pol/Phas</th> </tr> <tr> <th></th> <th></th> <th>MHz</th> <th>dBm/1m</th> <th>dB</th> <th>dBm/1m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>37.76</td> <td>26.08</td> <td>-13.92</td> <td>40.00</td> <td>36.89</td> <td>21.10</td> <td>0.85</td> <td>32.76</td> <td>---</td> <td>Peak VERTICAL</td> </tr> <tr> <td>2</td> <td>71.71</td> <td>22.64</td> <td>-16.36</td> <td>40.00</td> <td>41.97</td> <td>12.35</td> <td>1.28</td> <td>32.96</td> <td>---</td> <td>Peak VERTICAL</td> </tr> <tr> <td>3</td> <td>129.52</td> <td>22.05</td> <td>-16.00</td> <td>46.00</td> <td>34.00</td> <td>18.74</td> <td>2.36</td> <td>33.10</td> <td>---</td> <td>Peak VERTICAL</td> </tr> <tr> <td>4</td> <td>220.03</td> <td>28.51</td> <td>-17.49</td> <td>46.00</td> <td>38.01</td> <td>20.68</td> <td>2.72</td> <td>32.90</td> <td>---</td> <td>Peak VERTICAL</td> </tr> <tr> <td>5</td> <td>480.08</td> <td>24.74</td> <td>-19.26</td> <td>46.00</td> <td>30.91</td> <td>24.14</td> <td>3.29</td> <td>32.76</td> <td>---</td> <td>Peak VERTICAL</td> </tr> <tr> <td>6</td> <td>640.13</td> <td>27.73</td> <td>-18.27</td> <td>46.00</td> <td>30.71</td> <td>25.82</td> <td>3.86</td> <td>32.66</td> <td>---</td> <td>Peak VERTICAL</td> </tr> </tbody> </table>	IME1	IME2	Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas			MHz	dBm/1m	dB	dBm/1m	dB	dB	dB	dB	dB	dB	1	37.76	26.08	-13.92	40.00	36.89	21.10	0.85	32.76	---	Peak VERTICAL	2	71.71	22.64	-16.36	40.00	41.97	12.35	1.28	32.96	---	Peak VERTICAL	3	129.52	22.05	-16.00	46.00	34.00	18.74	2.36	33.10	---	Peak VERTICAL	4	220.03	28.51	-17.49	46.00	38.01	20.68	2.72	32.90	---	Peak VERTICAL	5	480.08	24.74	-19.26	46.00	30.91	24.14	3.29	32.76	---	Peak VERTICAL	6	640.13	27.73	-18.27	46.00	30.71	25.82	3.86	32.66	---	Peak VERTICAL
	IME1	Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																																																																																																									
	MHz	dBm/1m	dB	dBm/1m	dB	dB	dB	dB	dB	dB																																																																																																																																																																										
1	30.00	26.06	-13.94	40.00	32.55	25.50	0.71	32.70	---	Peak HORIZONTAL																																																																																																																																																																										
2	159.98	19.86	-22.64	43.00	33.53	17.26	1.93	33.86	---	Peak HORIZONTAL																																																																																																																																																																										
3	240.49	21.91	-24.09	46.00	33.84	18.80	2.23	33.10	---	Peak HORIZONTAL																																																																																																																																																																										
4	320.03	30.81	-15.19	46.00	40.31	20.68	2.72	32.90	---	Peak HORIZONTAL																																																																																																																																																																										
5	480.08	28.54	-17.46	46.00	33.81	24.14	3.26	32.76	---	Peak HORIZONTAL																																																																																																																																																																										
6	759.44	26.92	-19.08	46.00	28.78	26.58	4.22	32.66	---	Peak HORIZONTAL																																																																																																																																																																										
IME1	IME2	Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																																																																																																									
		MHz	dBm/1m	dB	dBm/1m	dB	dB	dB	dB	dB	dB																																																																																																																																																																									
1	37.76	26.08	-13.92	40.00	36.89	21.10	0.85	32.76	---	Peak VERTICAL																																																																																																																																																																										
2	71.71	22.64	-16.36	40.00	41.97	12.35	1.28	32.96	---	Peak VERTICAL																																																																																																																																																																										
3	129.52	22.05	-16.00	46.00	34.00	18.74	2.36	33.10	---	Peak VERTICAL																																																																																																																																																																										
4	220.03	28.51	-17.49	46.00	38.01	20.68	2.72	32.90	---	Peak VERTICAL																																																																																																																																																																										
5	480.08	24.74	-19.26	46.00	30.91	24.14	3.29	32.76	---	Peak VERTICAL																																																																																																																																																																										
6	640.13	27.73	-18.27	46.00	30.71	25.82	3.86	32.66	---	Peak VERTICAL																																																																																																																																																																										

Appendix E. Duty Cycle Plots

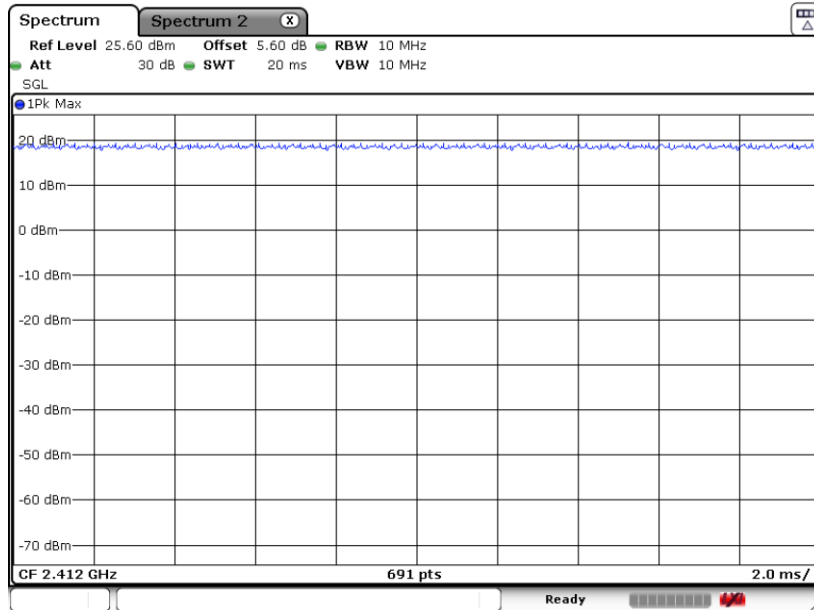
Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11b	100	-	-	10Hz
802.11g	100	-	-	10Hz
802.11n HT20	100	-	-	10Hz
802.11n HT40	100	-	-	10Hz

802.11b

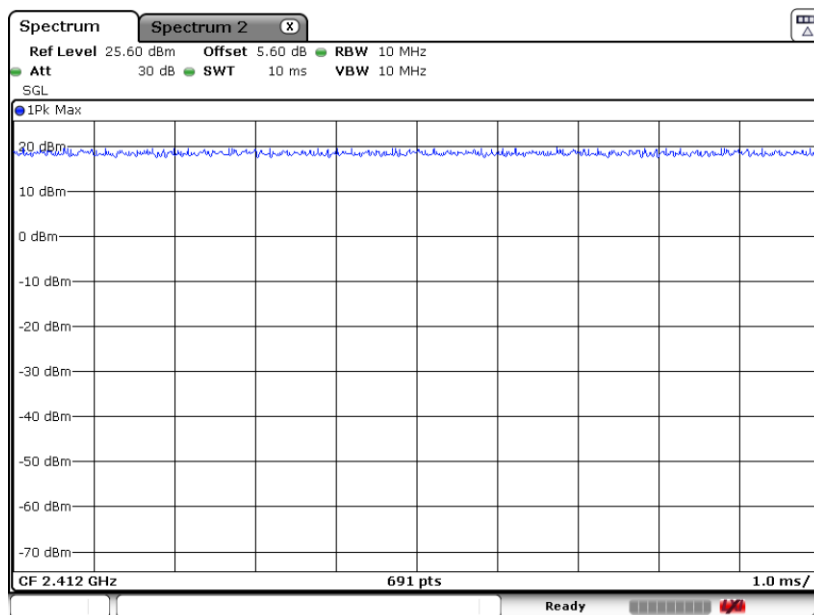




802.11g



802.11n HT20





802.11n HT40

