FCC RADIO TEST REPORT

FCC ID	:	**2ASD2-7483**
Equipment	:	**Digital Media Receiver**
Model Name	:	**36EBT3**
Applicant	:	**Process Run LLC** **2815 Forbs Avenue, Suite 107** **Hoffman Estates, IL 60192** **United States**
Standard	:	**FCC Part 15 Subpart C §15.247**

The product was received on Feb. 12, 2019 and testing was started from Jun. 05, 2019 and completed on Jul. 02,.2019. We, SPORTON INTERNATIONAL INC., EMC & Wireless Communications Laboratory, 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Jones Tsai

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR921234-01C	01	Initial issue of report	Jul. 16, 2019

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)
3.1	15.247(a)(2)	6dB Bandwidth	Pass
3.1	2.1049	99% Occupied Bandwidth	Reporting only
3.2	15.247(b)	Power Output Measurement	Pass
3.3	15.247(e)	Power Spectral Density	Pass
3.4	15.247(d)	Conducted Band Edges	Pass
		Conducted Spurious Emission	Pass
3.5	15.247(d)	Radiated Band Edges and Radiated Spurious Emission	Pass
3.6	15.207	AC Conducted Emission	Pass
3.7	15.203 & 15.247(b)	Antenna Requirement	Pass

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
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.

Reviewed by: Wii Chang

Report Producer: Ann Lee

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	36EBT3
FCC ID	2ASD2-7483
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE

1.2 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Channel Frequency Range	2412 MHz ~ 2472 MHz
Maximum Output Power to Antenna	802.11b : 21.63 dBm (0.1455 W) 802.11g : 24.66 dBm (0.2924 W) 802.11n HT20 : 24.27 dBm (0.2673 W)
99% Occupied Bandwidth	802.11b : 13.99 MHz 802.11g : 17.28 MHz 802.11n HT20 : 17.93 MHz
Antenna Type / Gain	Printed Inverted-F Antenna type with gain 3.0 dBi
Type of Modulation	802.11b : DSSS (DBPSK / DQPSK / CCK) 802.11g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)

1.3 Modification of EUT

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

1.4 Testing Location

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory	
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	**Sporton Site No.**	
	TH05-HY	CO05-HY

Note: The test site complies with ANSI C63.4 2014 requirement.

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	03CH16-HY

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC designation No.: TW1190 and TW0007

1.5 Applicable Standards

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

- FCC Part 15 Subpart C §15.247
- FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v05r02
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- ANSI C63.10-2013

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

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 two setup, without accessories and with accessories. The worst cases (with earphone) 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	12	2467
			13	2472

2.2 Test Mode

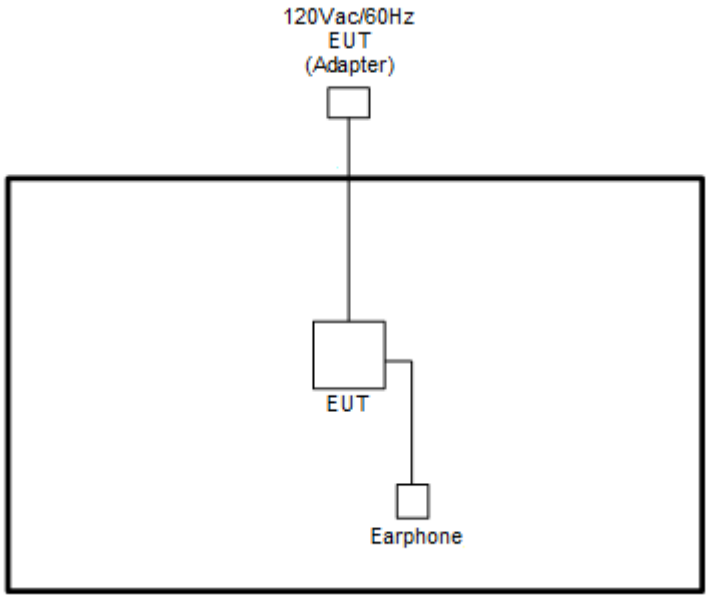
Final test modes are considering the modulation and worse data rates as below table.

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

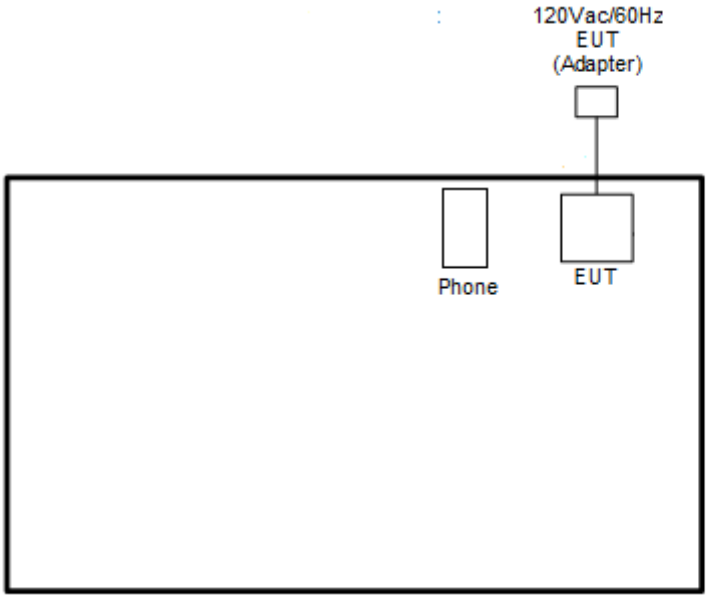
Test Cases	
AC Conducted Emission	Mode 1 :WLAN (2.4GHz) Link + Play News + LED On + Charging from AC Adapter Mode 2 Bluetooth Link + Play MP3 + LED On + Charging from AC Adapter
Remark: The worst case of conducted emission is mode 2; only the test data of it was reported.	

2.3 Connection Diagram of Test System

<Bluetooth Tx Mode>



<AC Conducted Emission Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Phone	Apple	A1524	N/A	N/A	N/A
2.	Notebook	DELL	Latitude E6320	FCC DoC/ Contains FCC ID: QDS-BRCM1054	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
4.	iPod Earphone	Apple	A1387	Verification	Unshielded, 1.0 m	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “Compliance Tool 1.0.0.50” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

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 and attenuator factor 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 and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10dB attenuator.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 4.2 + 10 = 14.2 (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.

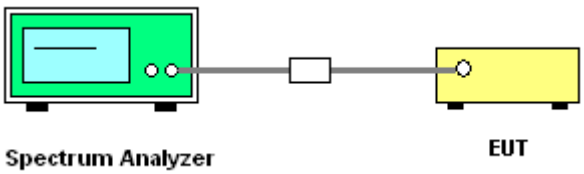
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

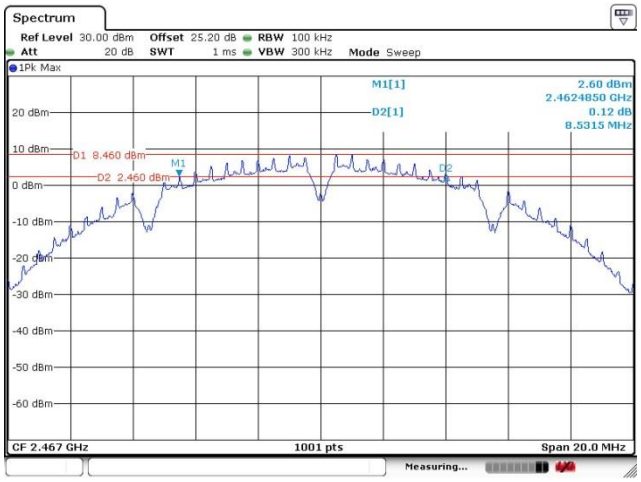
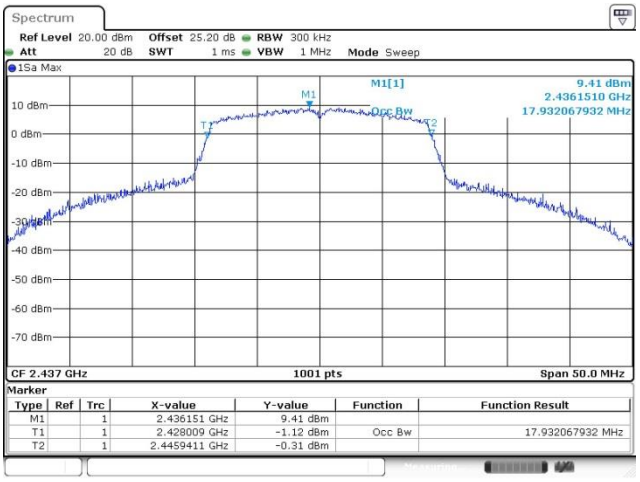
1. The testing follows the ANSI C63.10 Section 6.9.3 (OBW) and 11.8.1 (6dB BW).
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit 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 1-5% of the emission bandwidth and set the Video bandwidth (VBW) ≥ 3 * 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.

Minimum 6dB Bandwidth	Maximum 99% Occupied Bandwidth
	

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.

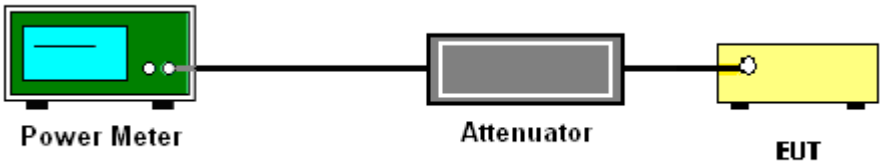
3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

1. For Peak Power, the testing follows ANSI C63.10 Section 11.9.1.3 PKPM1.
2. For Average Power, the testing follows ANSI C63.10 Section 11.9.2.3.2 Method AVGPM-G
3. 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.
4. Set to the maximum power setting and enable the EUT transmit continuously.
5. 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.

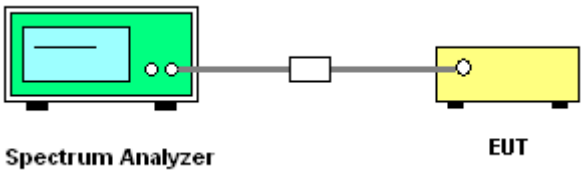
3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 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.

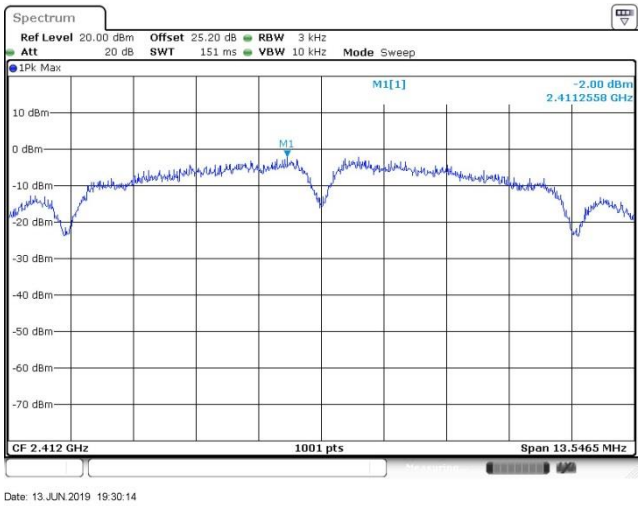
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/3kHz)



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.

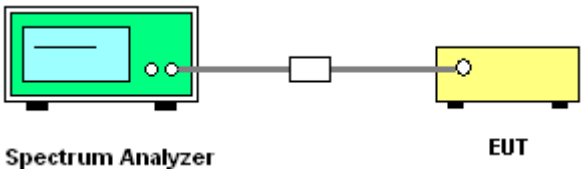
3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 11.11.3 Emission level measurement.
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



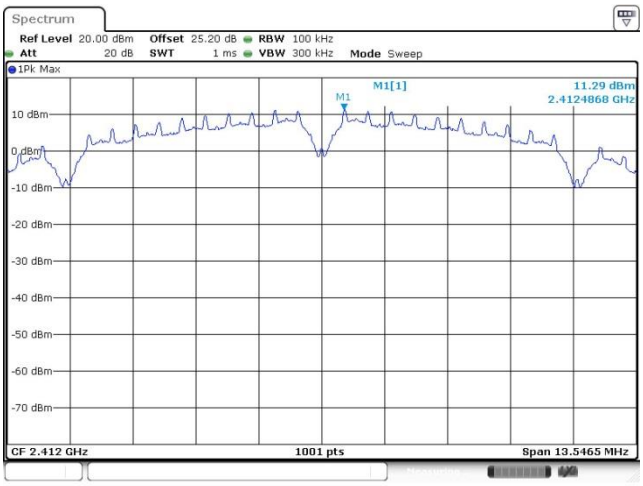
3.4.5 Test Result of Conducted Band Edges and Spurious Emission

Test Engineer :	Kai Liao	**Temperature :**	21~25℃
		Relative Humidity :	51~54%

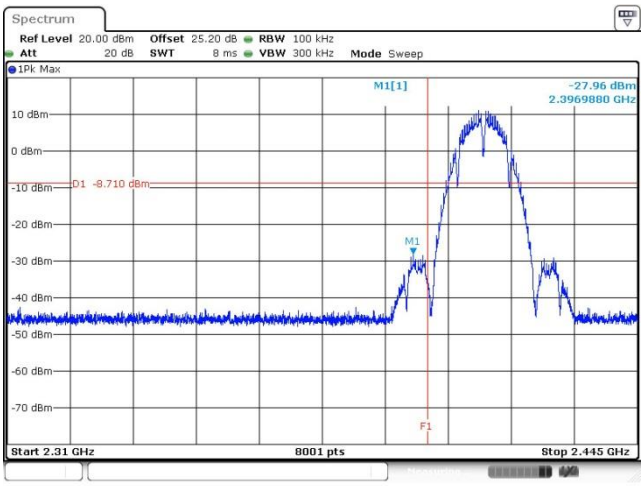
Number of TX = 1, Ant. 2 (Measured)

Test Mode :	802.11b	**Test Channel :**	01

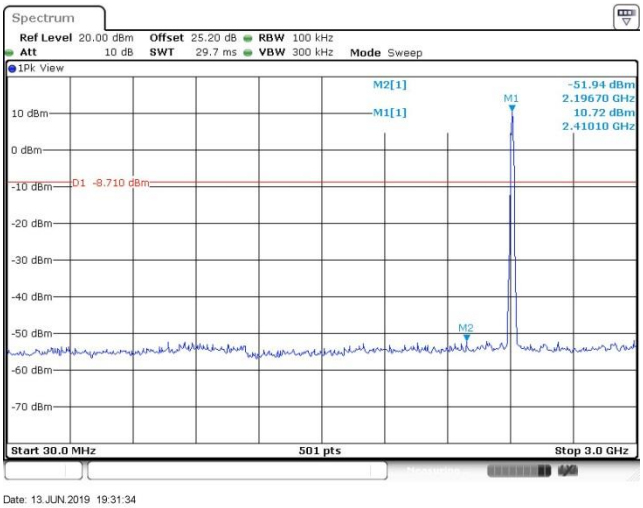
100kHz PSD reference Level



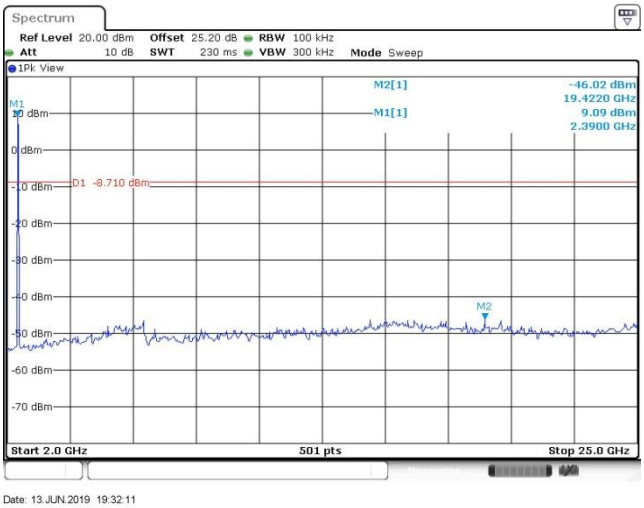
Channel Plot



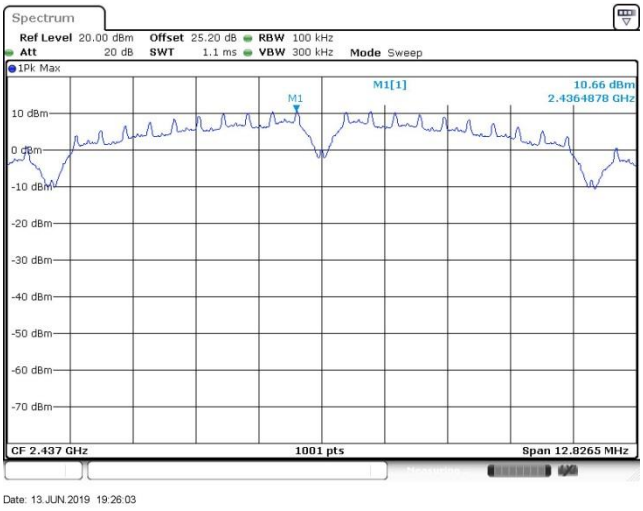
Spurious Emission 30MHz~3GHz

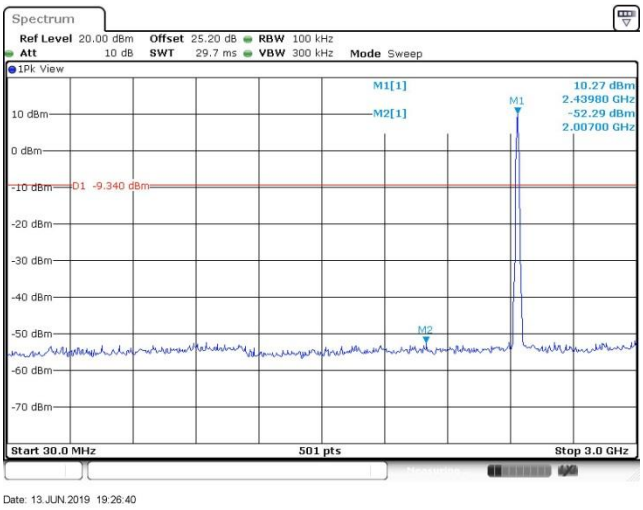
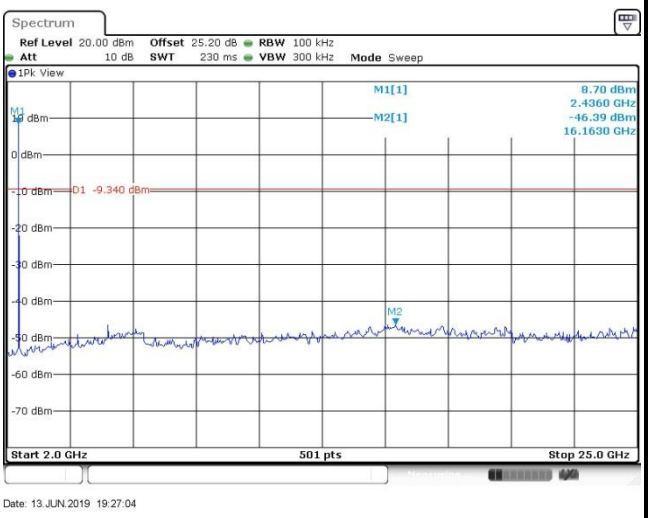


Spurious Emission 2GHz~25GHz

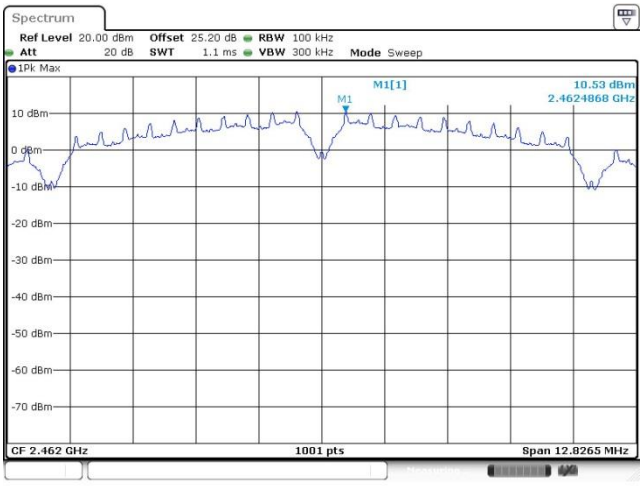
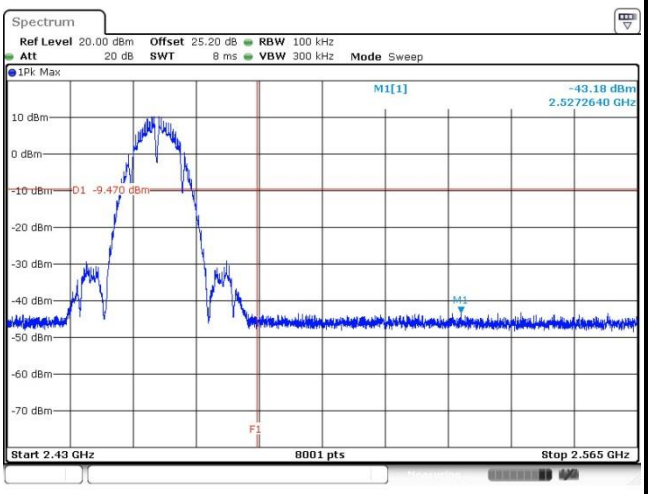
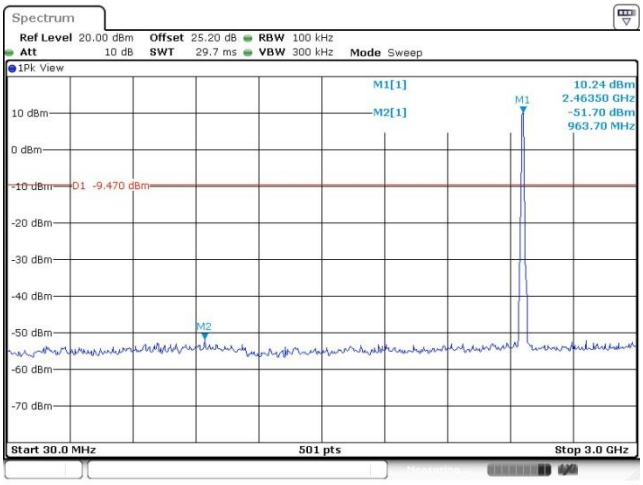
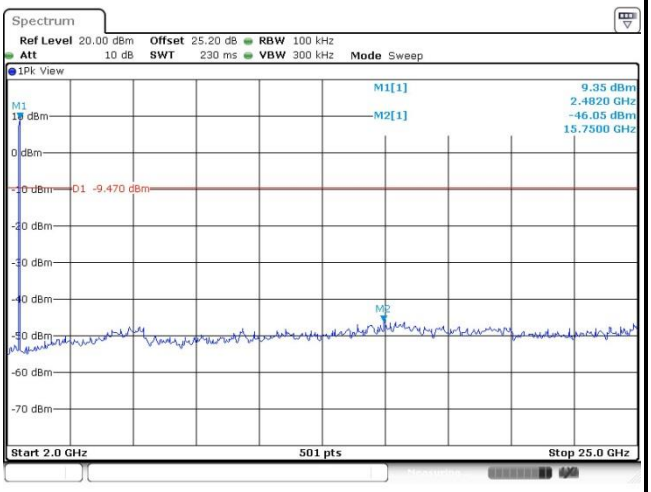


Test Mode :	802.11b	Test Channel :	06

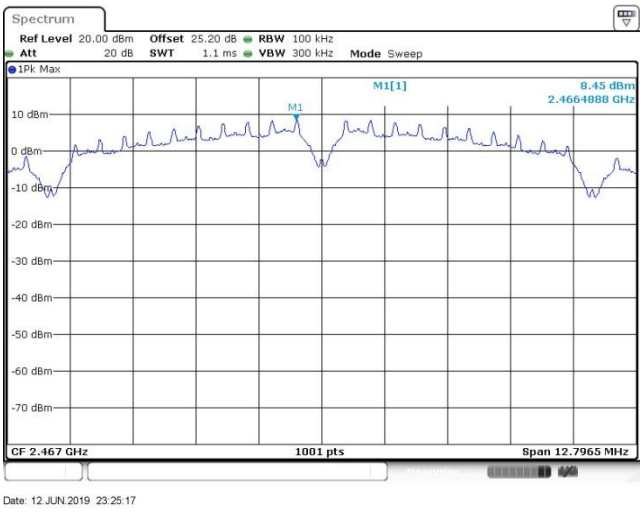
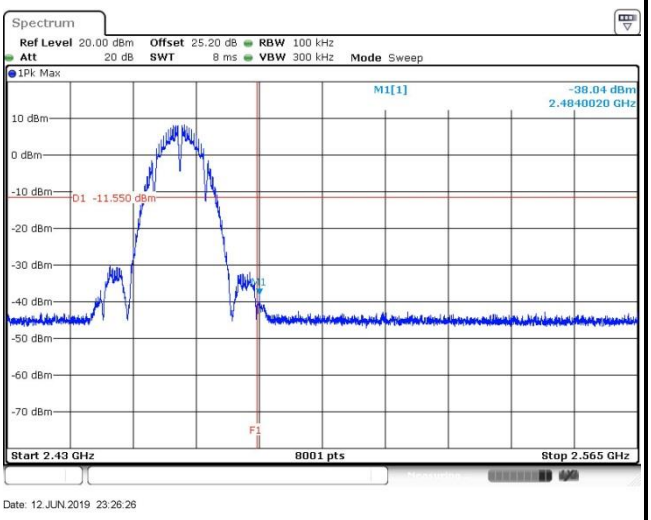
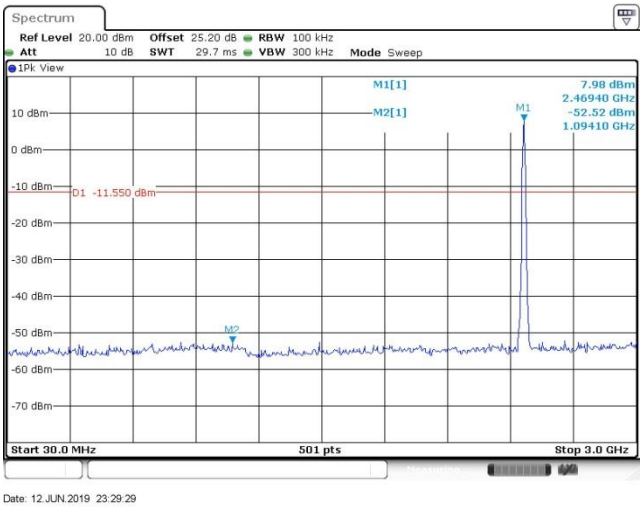
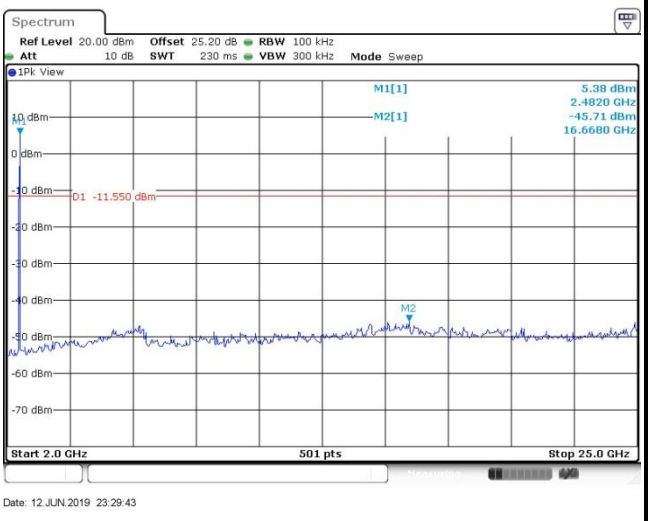
100kHz PSD reference Level	Channel Plot
	

Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz
	

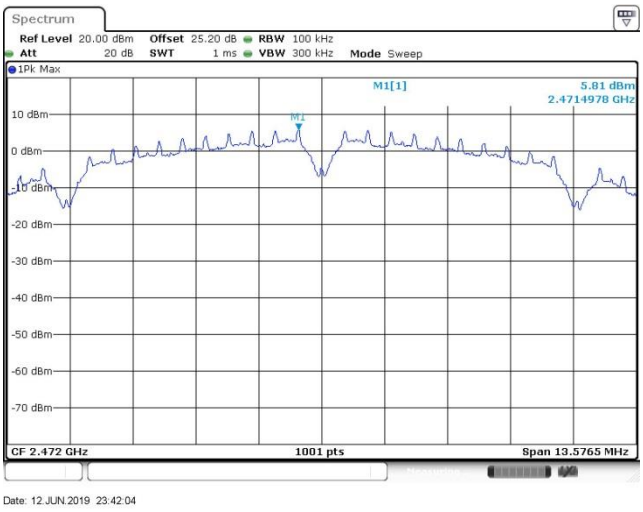
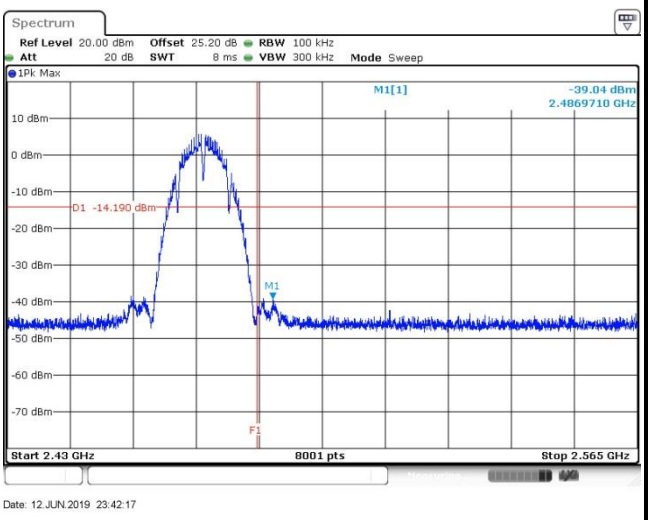
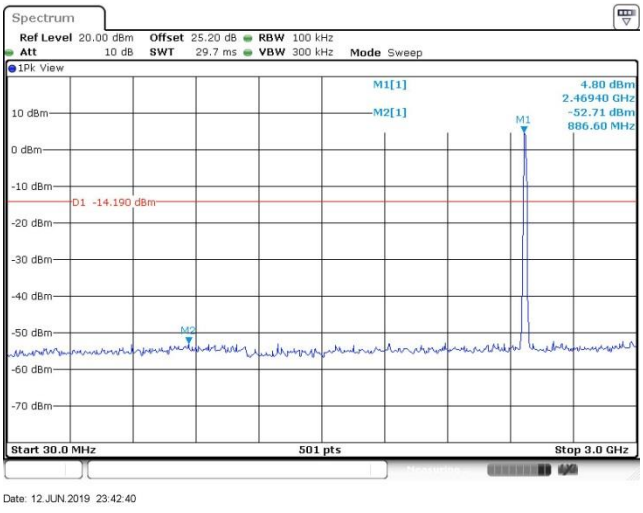
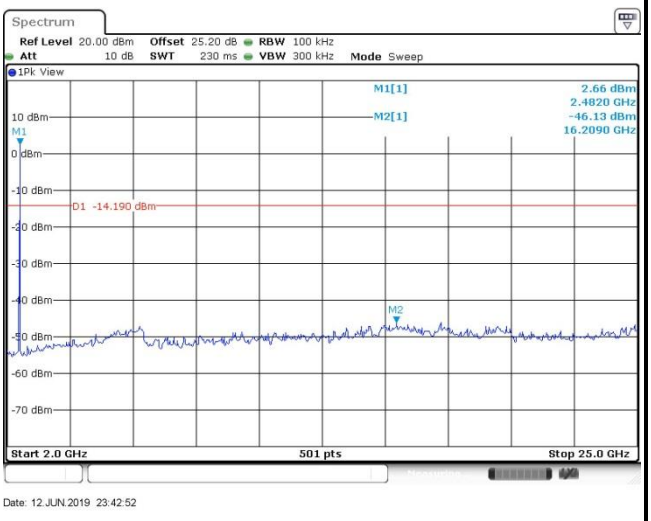
Test Mode :	802.11b	Test Channel :	11

100kHz PSD reference Level	Channel Plot
	
Date: 13.JUN.2019 19:11:26	Date: 13.JUN.2019 19:11:38
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	
Date: 13.JUN.2019 19:11:58	Date: 13.JUN.2019 19:13:37

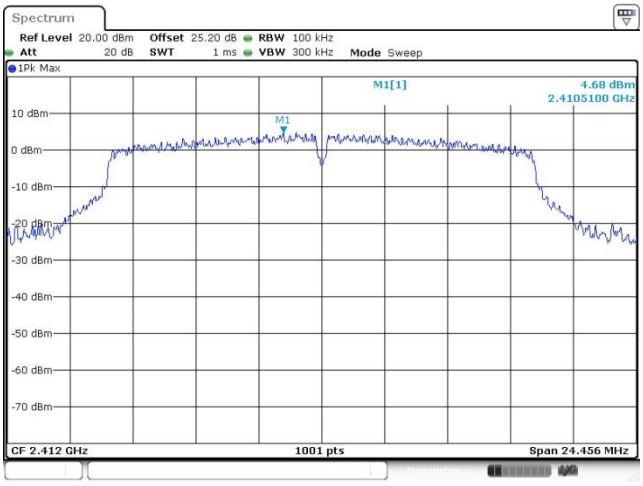
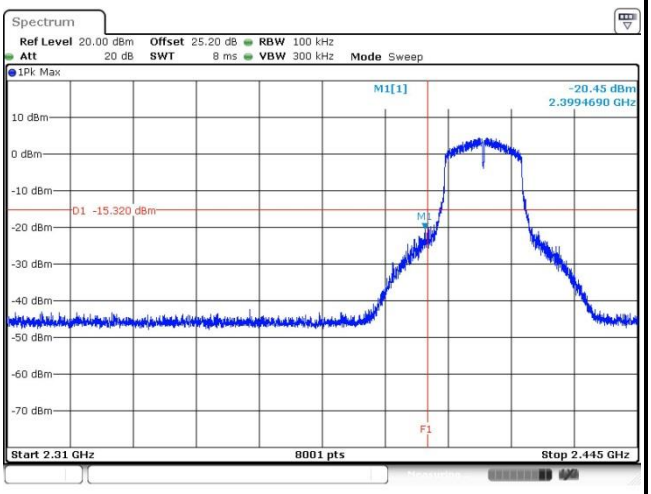
Test Mode :	802.11b	Test Channel :	12

100kHz PSD reference Level	Channel Plot
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

Test Mode :	802.11b	Test Channel :	13

100kHz PSD reference Level	Channel Plot
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

Test Mode :	802.11g	Test Channel :	01

100kHz PSD reference Level	Channel Plot
	
Date: 12.JUN.2019 22:49:54	Date: 12.JUN.2019 22:50:09
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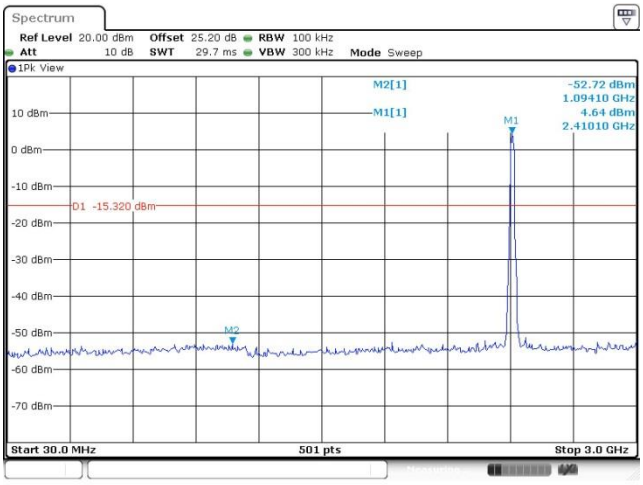
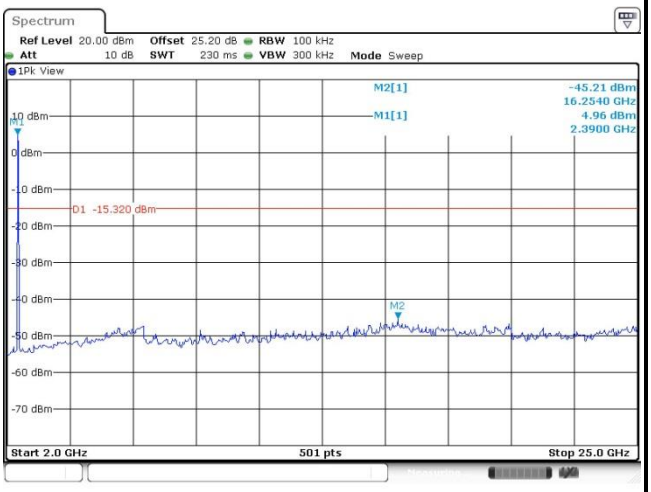
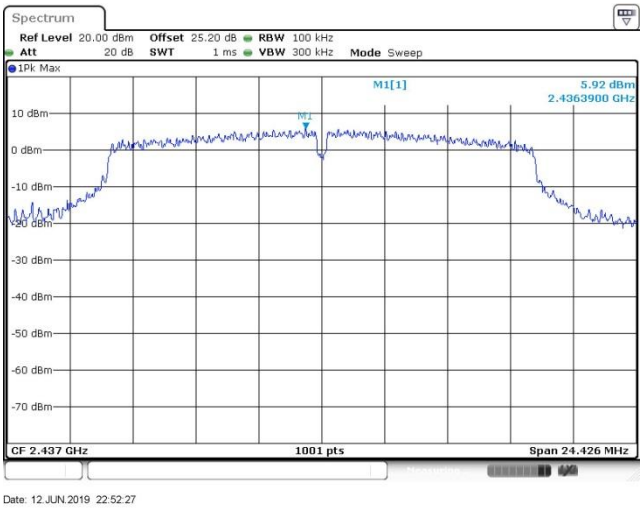
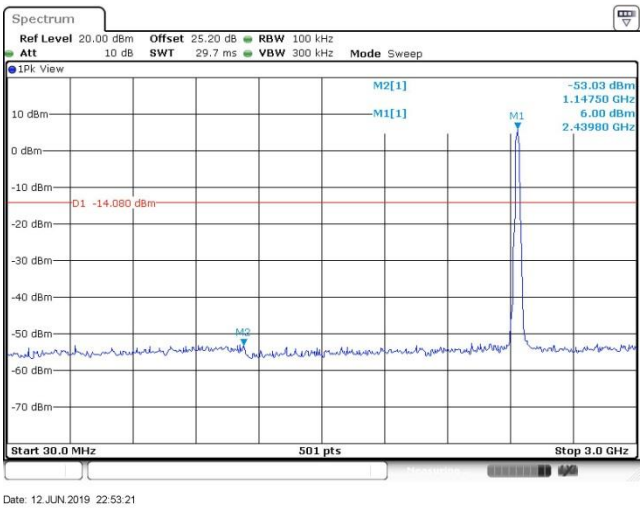
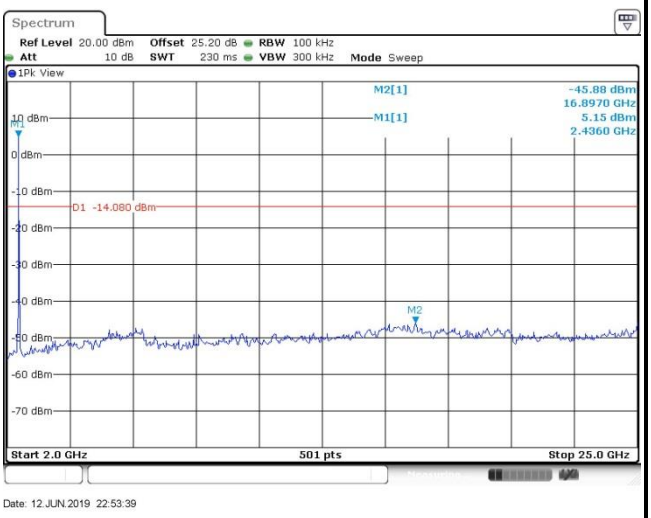
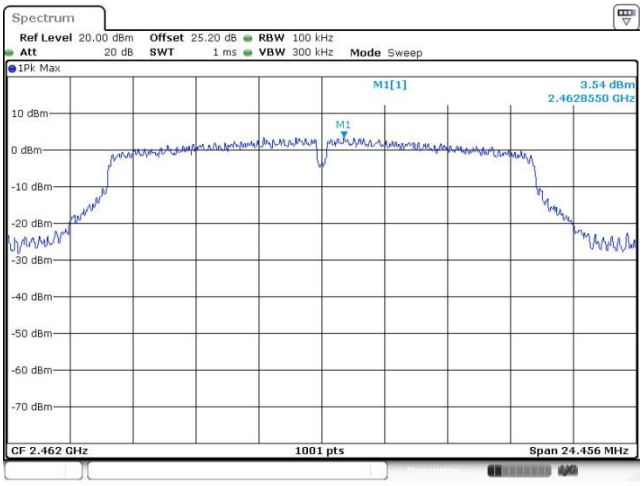
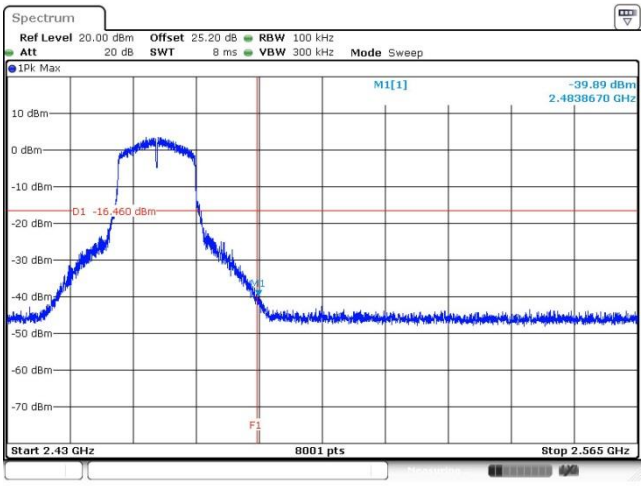
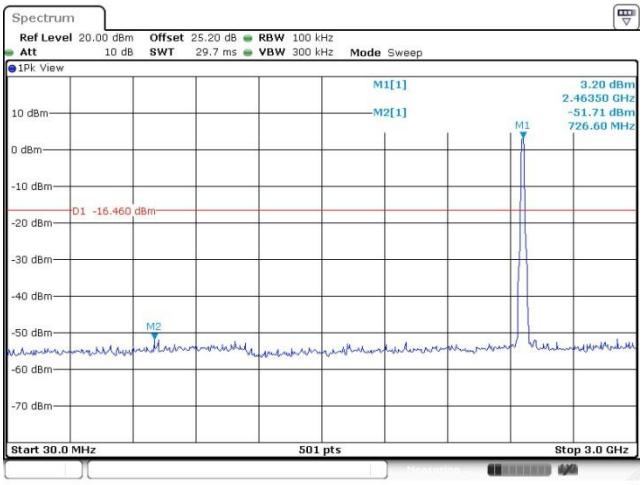
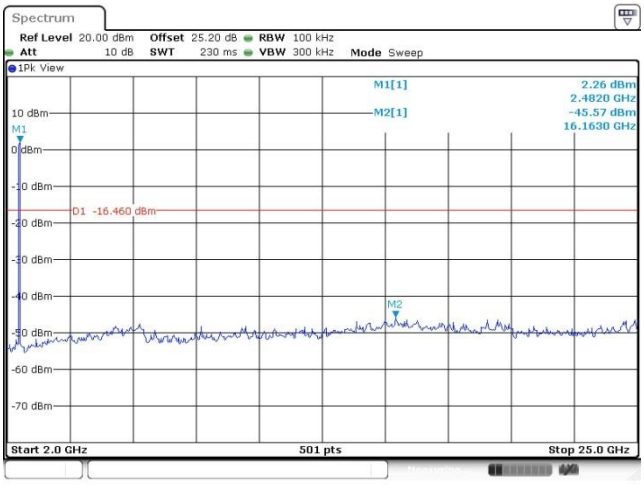
	
Date: 12.JUN.2019 22:50:31	Date: 12.JUN.2019 22:50:44

Test Mode :	802.11g	Test Channel :	06

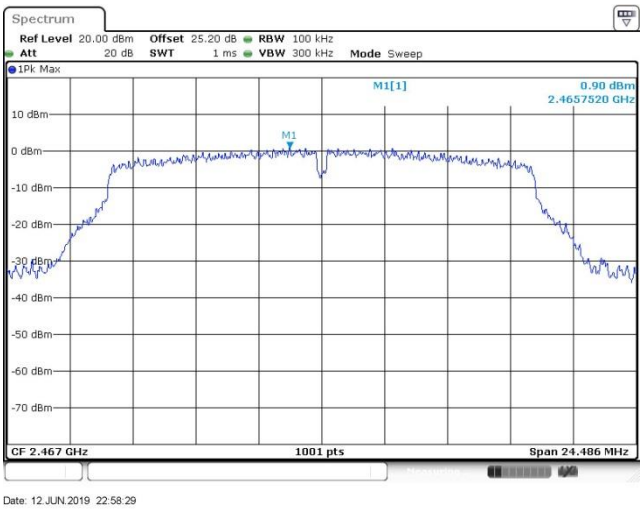
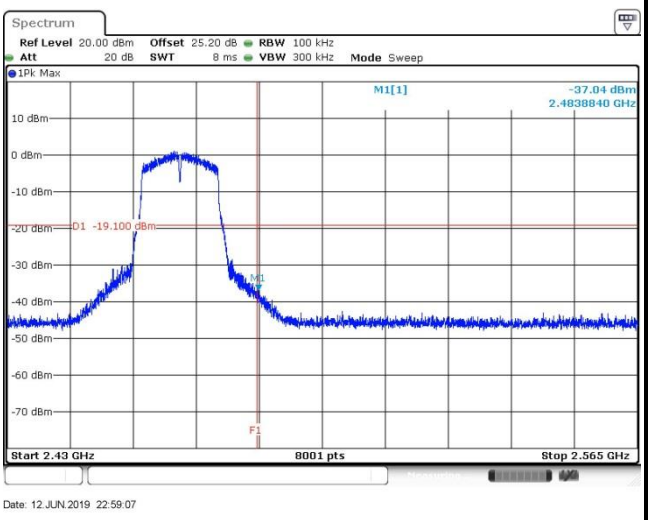
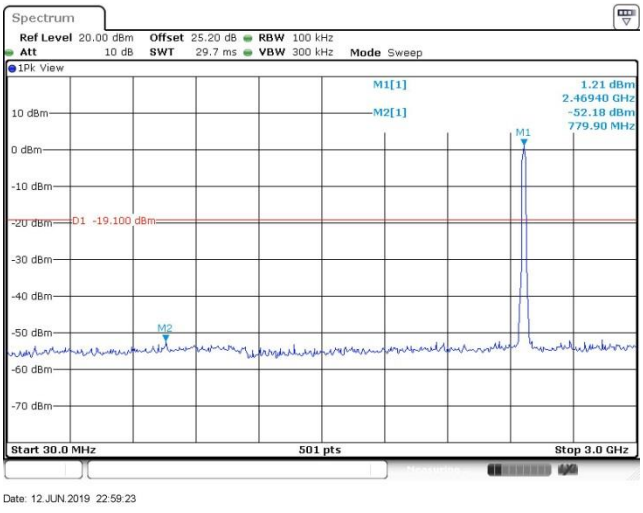
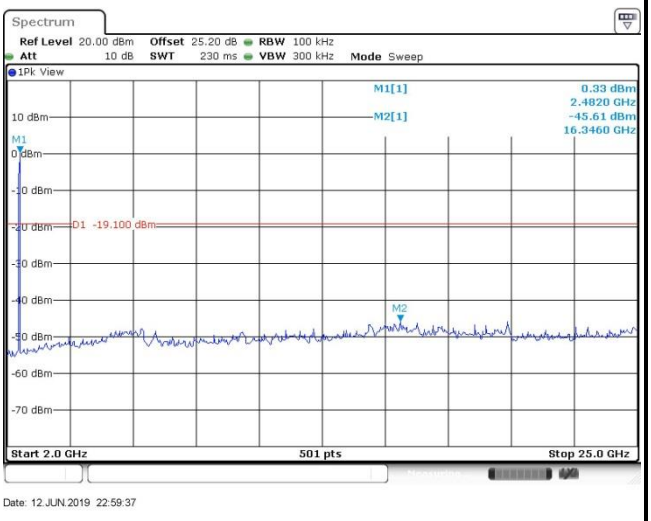
100kHz PSD reference Level	Channel Plot
	

Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz
	

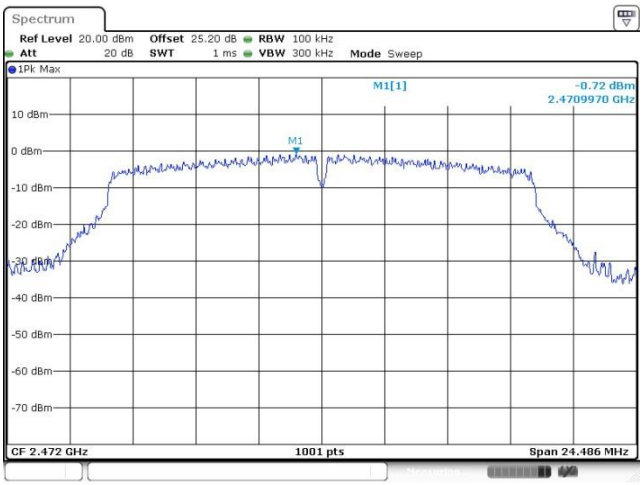
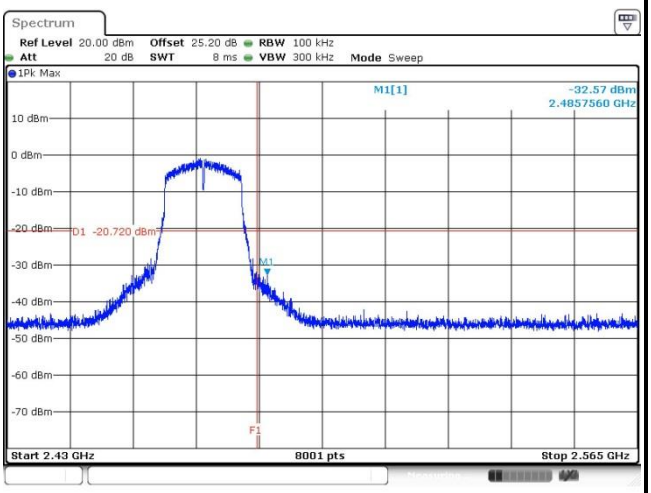
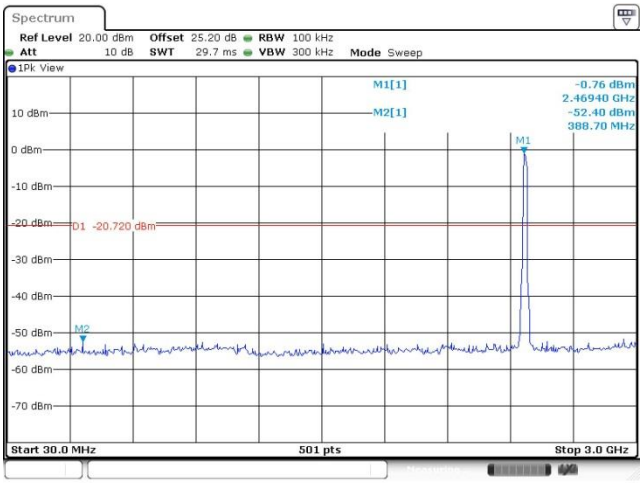
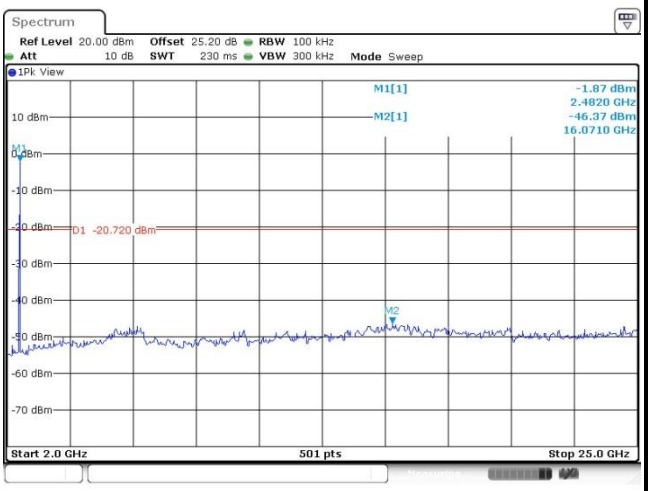
Test Mode :	802.11g	Test Channel :	11

100kHz PSD reference Level	Channel Plot
 Date: 12.JUN.2019 22:55:40	 Date: 12.JUN.2019 22:55:54
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
 Date: 12.JUN.2019 22:56:11	 Date: 12.JUN.2019 22:56:31

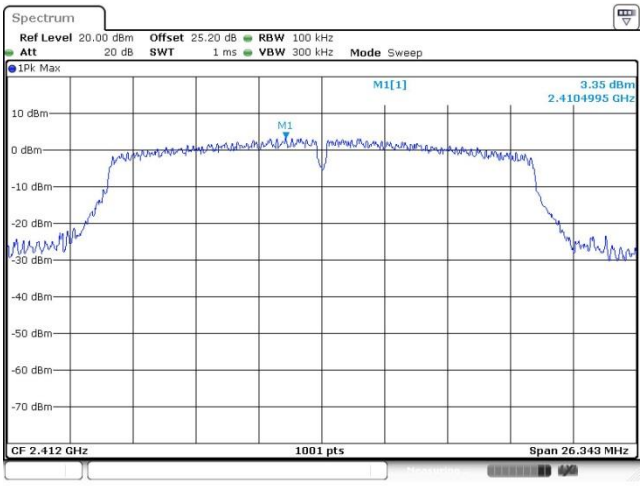
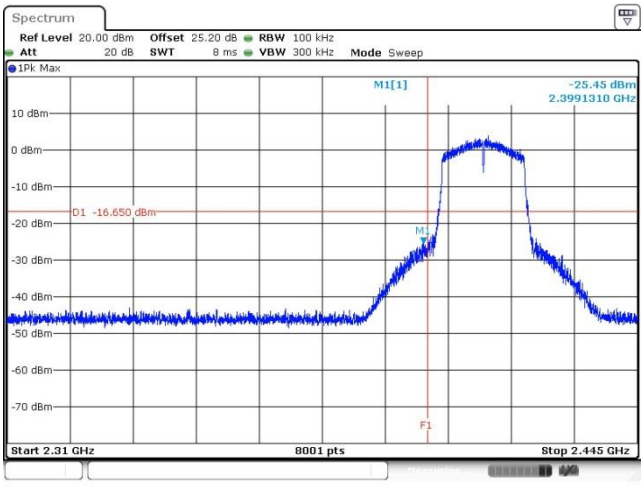
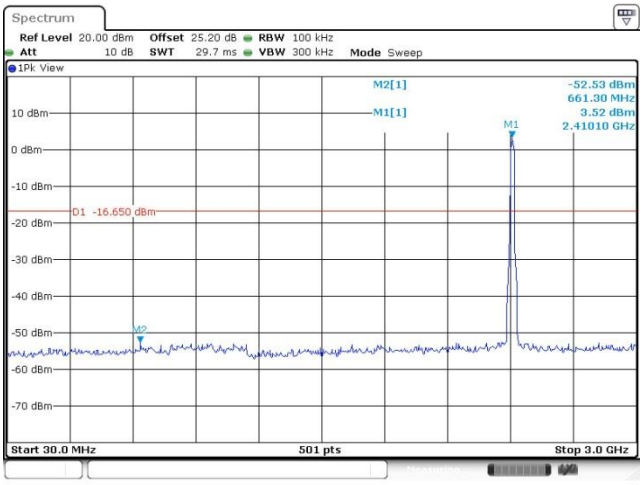
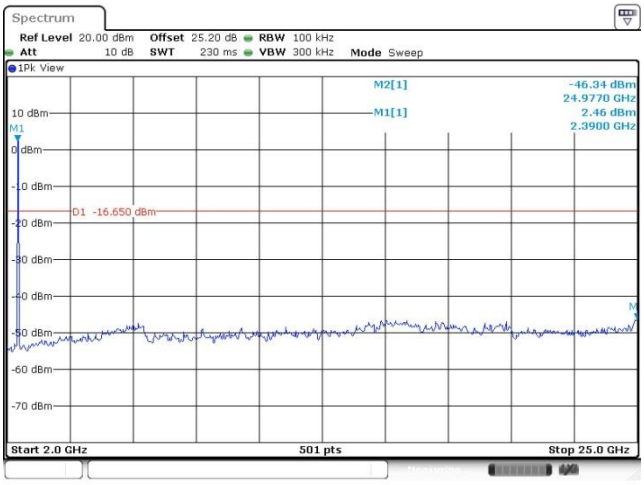
Test Mode :	802.11g	Test Channel :	12

100kHz PSD reference Level	Channel Plot
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

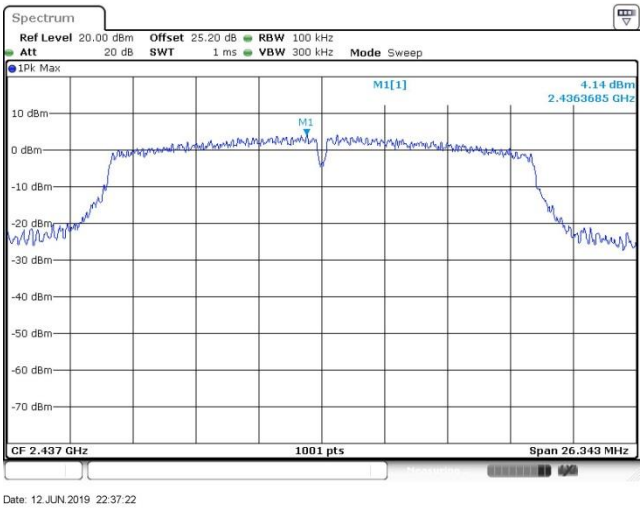
Test Mode :	802.11g	Test Channel :	13

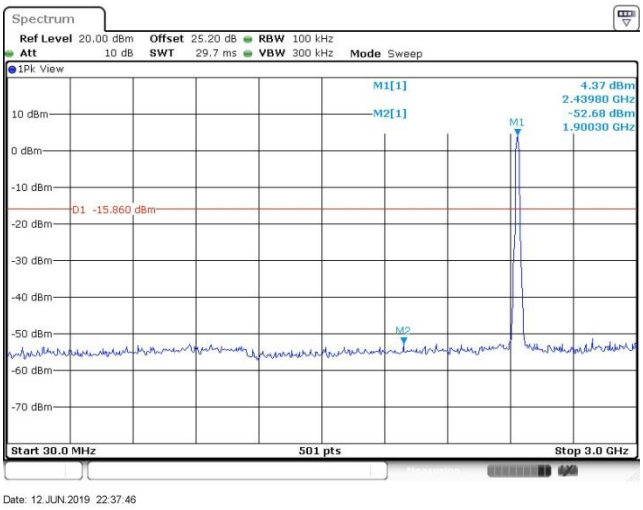
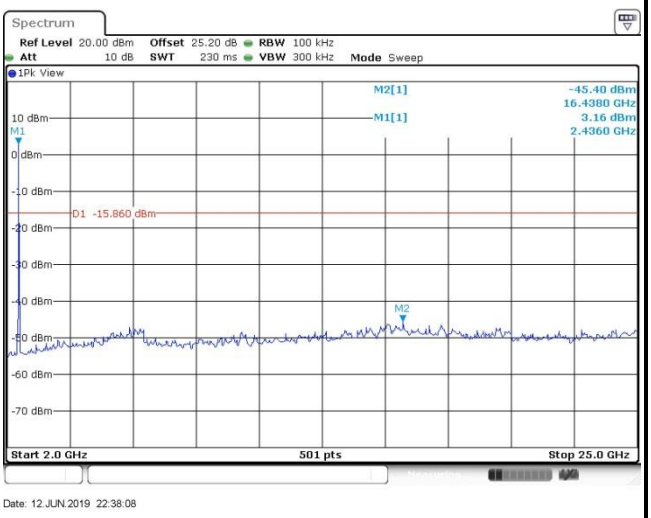
100kHz PSD reference Level	Channel Plot
	
Date: 12.JUN.2019 23:02:42	Date: 12.JUN.2019 23:03:14
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	
Date: 12.JUN.2019 23:03:53	Date: 12.JUN.2019 23:04:09

Test Mode :	802.11n HT20	Test Channel :	01

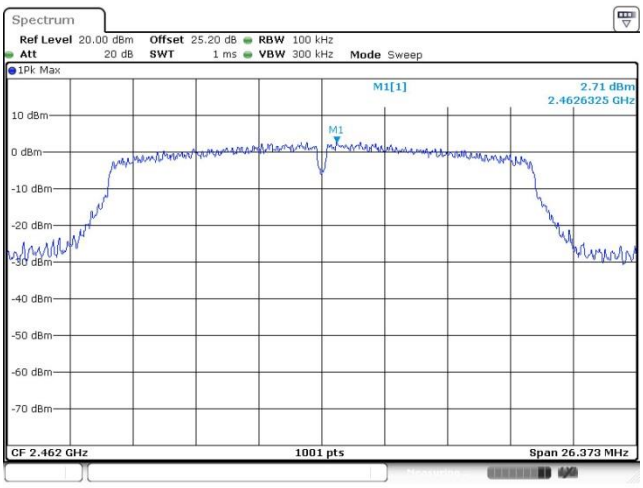
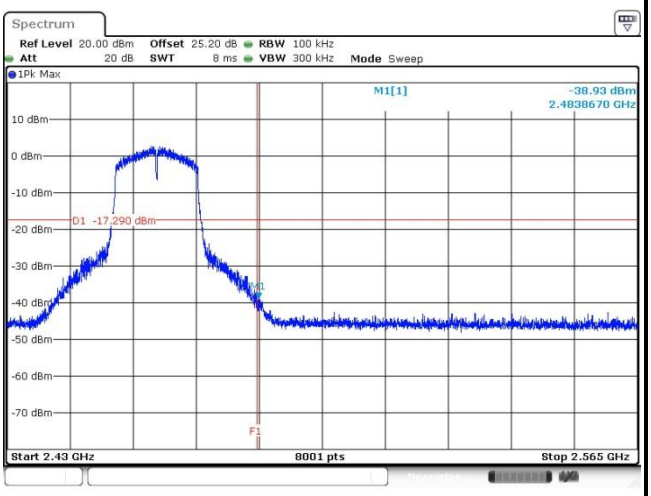
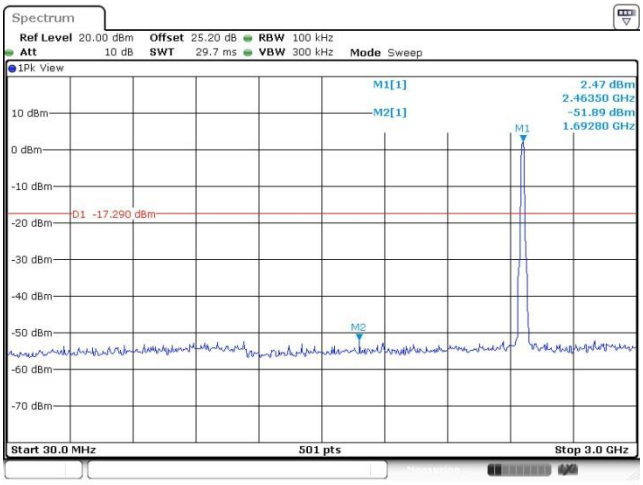
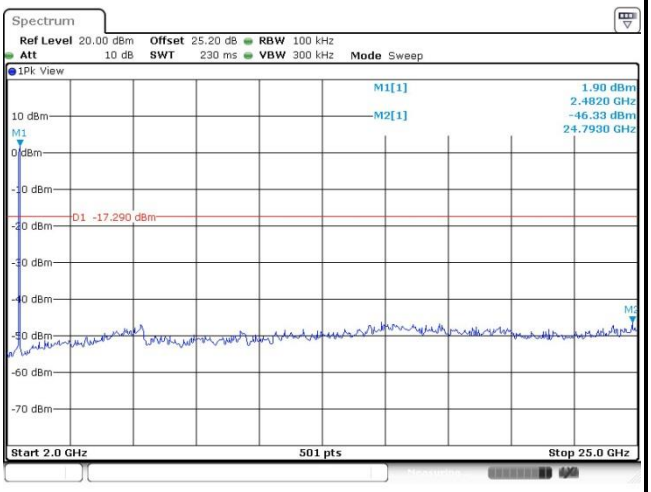
100kHz PSD reference Level	Channel Plot
	
Date: 12.JUN.2019 22:18:23	Date: 12.JUN.2019 22:18:37
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	
Date: 12.JUN.2019 22:18:56	Date: 12.JUN.2019 22:19:10

Test Mode :	802.11n HT20	Test Channel :	06

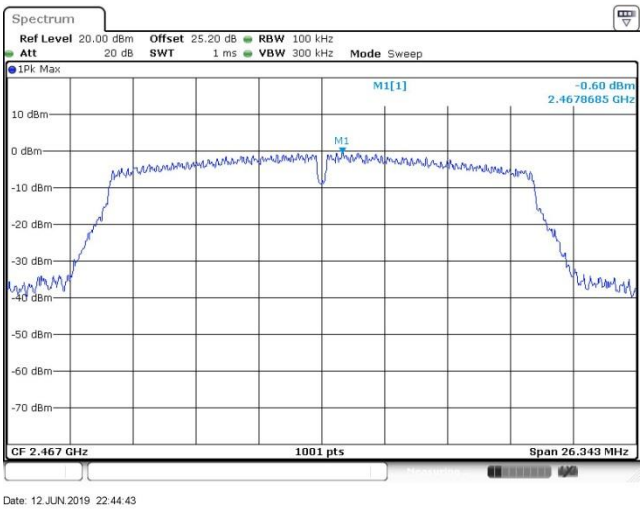
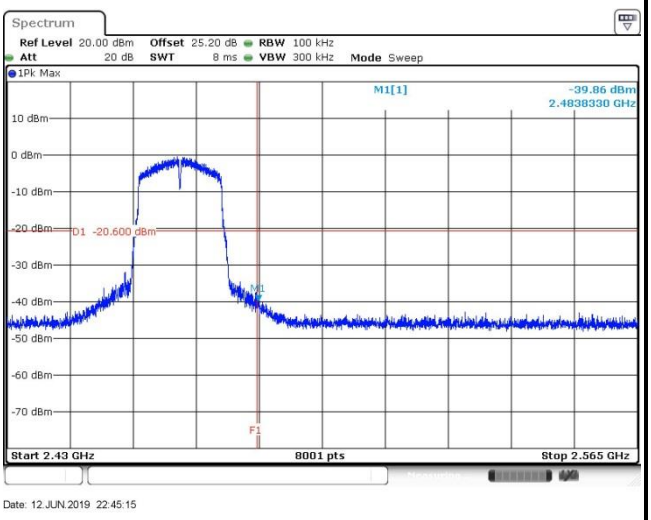
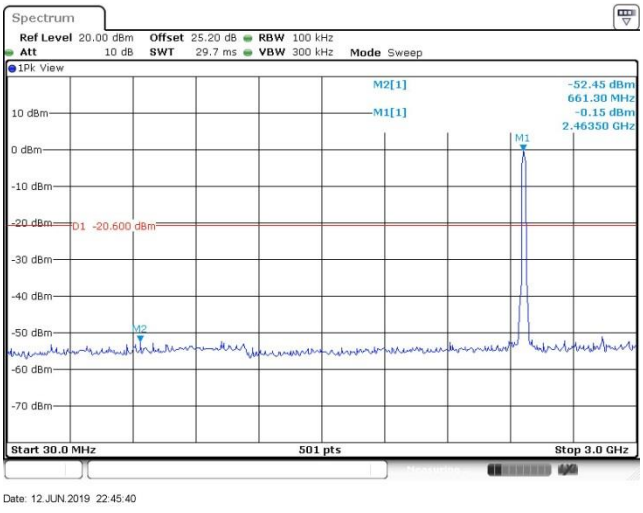
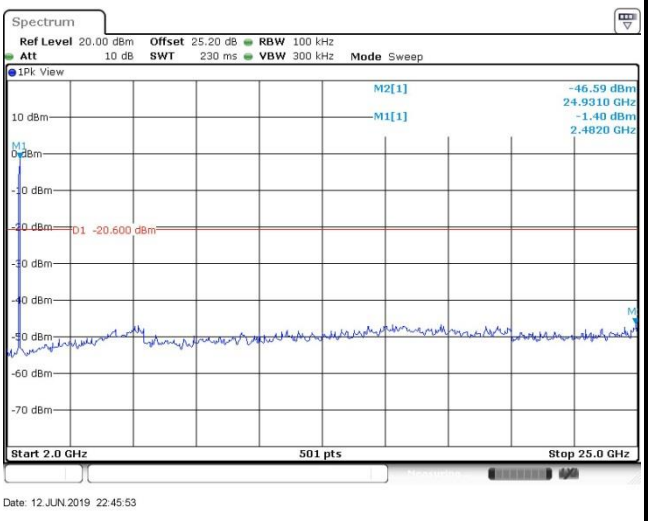
100kHz PSD reference Level	Channel Plot
	

Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz
	

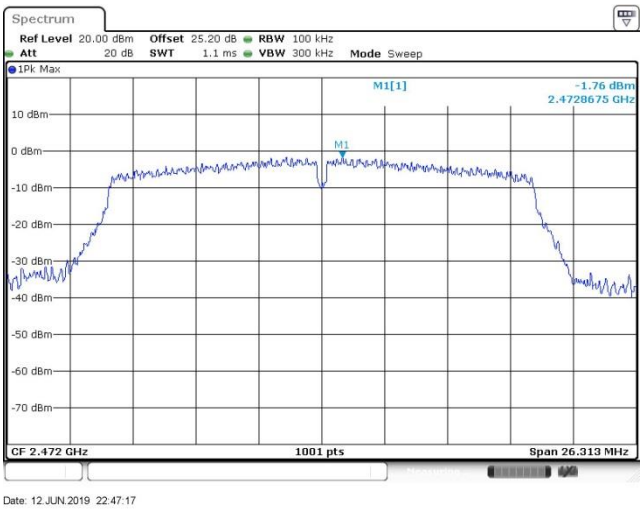
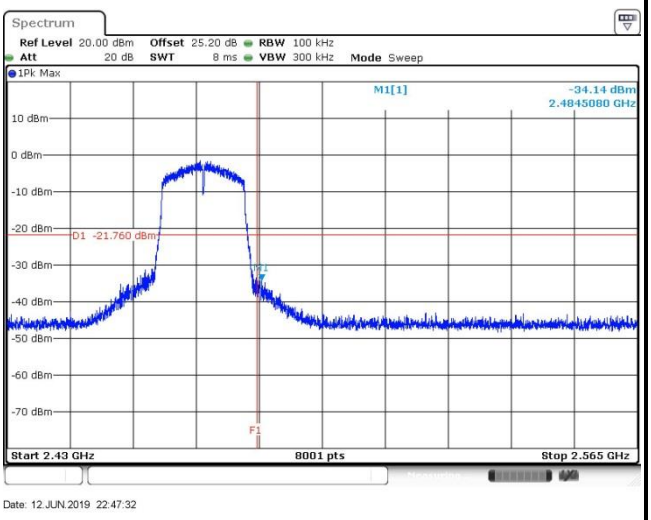
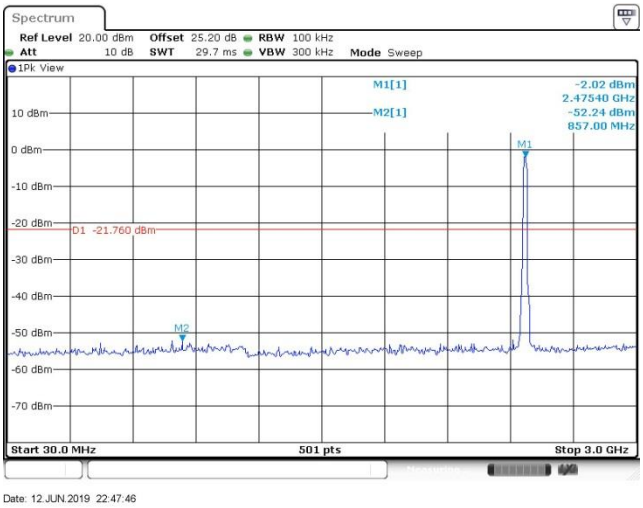
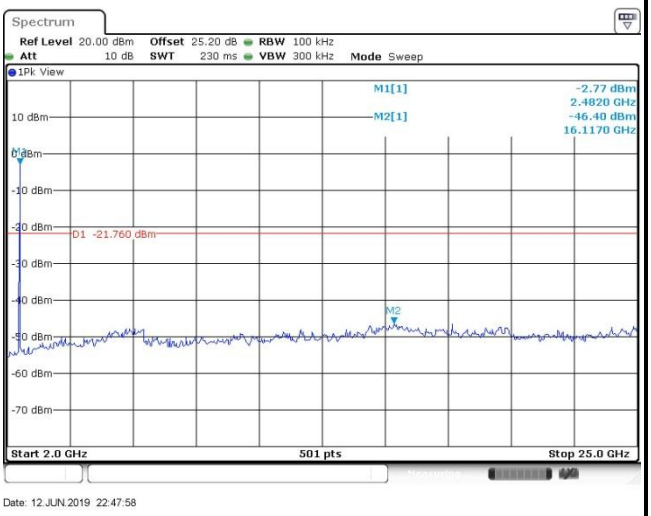
Test Mode :	802.11n HT20	Test Channel :	11

100kHz PSD reference Level	Channel Plot
	
Date: 12.JUN.2019 22:41:41	Date: 12.JUN.2019 22:41:58
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	
Date: 12.JUN.2019 22:42:26	Date: 12.JUN.2019 22:42:41

Test Mode :	802.11n HT20	Test Channel :	12

100kHz PSD reference Level	Channel Plot
	
Spurious Emission 30MHz~3GHz	Spurious Emission 2GHz~25GHz
	

Test Mode :	802.11n HT20	Test Channel :	13

100kHz PSD reference Level	Channel Plot
	
Spurious Emission 30MHz~3GHz	**Spurious Emission 2GHz~25GHz**
	

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

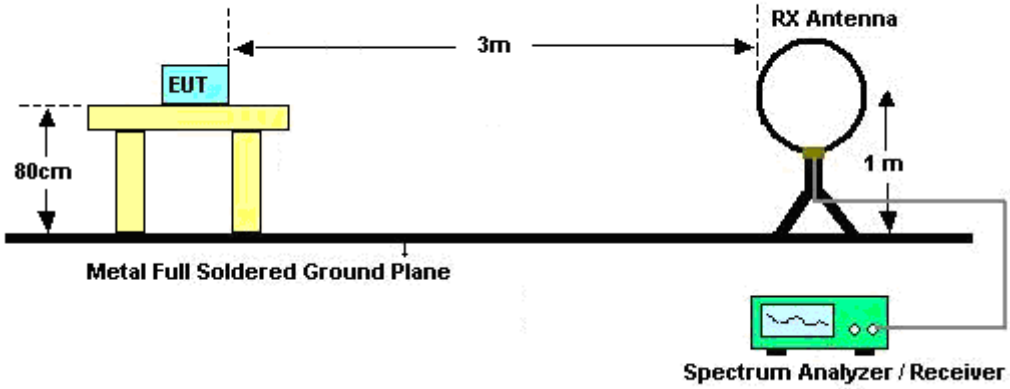
See list of measuring equipment of this test report.

3.5.3 Test Procedures

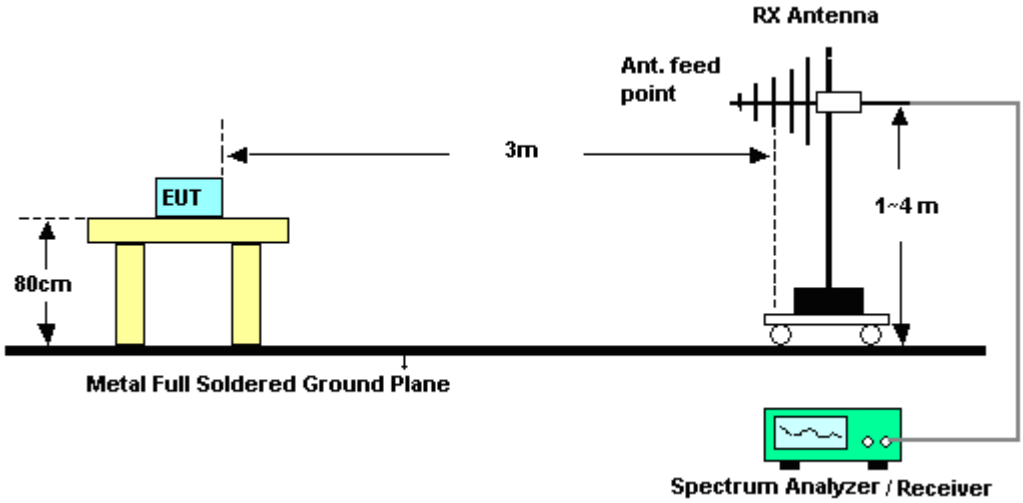
1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the 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 average 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 ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
   (3) Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement.
   For average measurement:
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 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

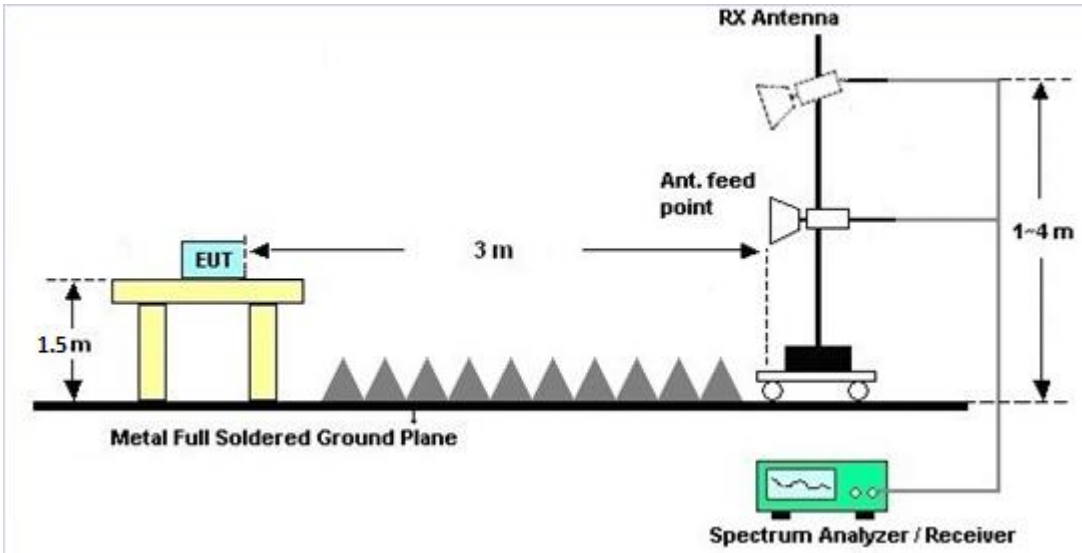
For radiated emissions below 30MHz



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 alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, 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)

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.

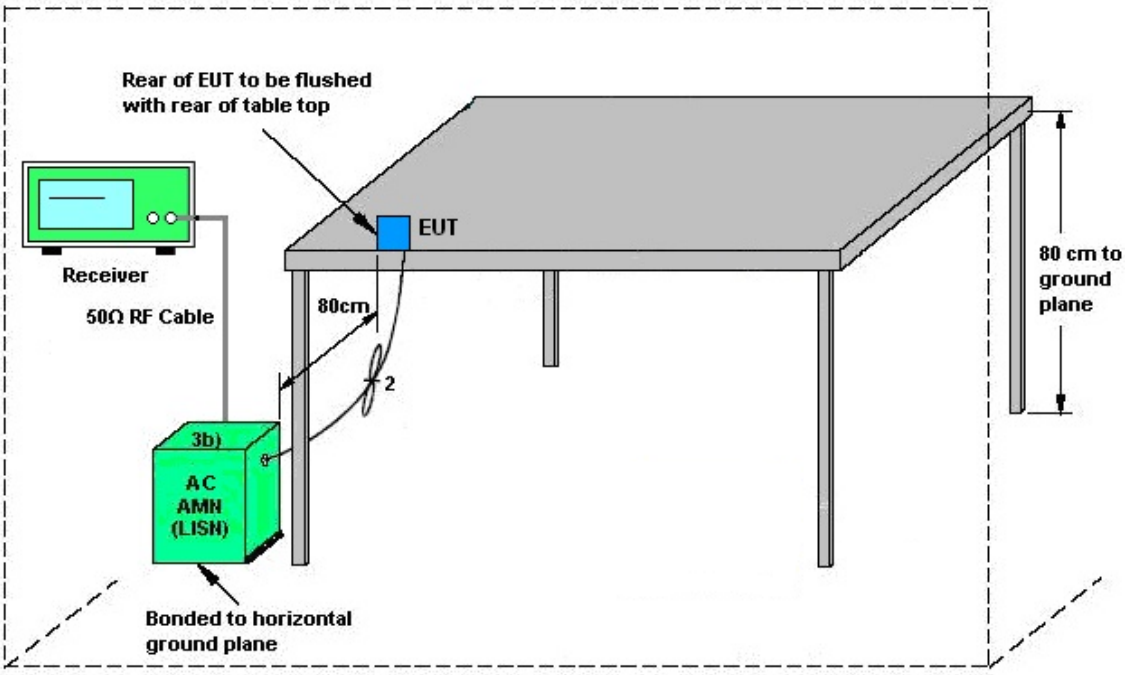
3.6.2 Measuring Instruments

See list of measuring equipment 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



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

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

An embedded-in antenna design 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
Power Sensor	DARE	RPR3006W	13I00030SNO32	9kHz~6GHz	Dec. 03, 2018	Jun. 11, 2019 ~ Jun. 23, 2019	Dec. 02, 2019	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101397	10Hz~40GHz	Nov. 13, 2018	Jun. 11, 2019 ~ Jun. 23, 2019	Nov. 12, 2019	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1208382	N/A	Mar. 27, 2019	Jun. 11, 2019 ~ Jun. 23, 2019	Mar. 26, 2020	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jun. 24, 2019	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 12, 2018	Jun. 24, 2019	Nov. 11, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 14, 2018	Jun. 24, 2019	Nov. 13, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 09, 2018	Jun. 24, 2019	Nov. 08, 2019	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jun. 24, 2019	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Dec. 31, 2018	Jun. 24, 2019	Dec. 30, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Dec. 31, 2018	Jun. 24, 2019	Dec. 30, 2019	Conduction (CO05-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 11, 2019	Jun. 05, 2019~ Jul. 02,.2019	Jan. 10, 2020	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL6111D&00802N1D01N-06	47020&06	30MHz to 1GHz	Oct. 13, 2018	Jun. 05, 2019~ Jul. 02,.2019	Oct. 12, 2019	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1G~18GHz	Sep. 07, 2018	Jun. 05, 2019~ Jul. 02,.2019	Sep. 06, 2019	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz ~ 40GHz	Nov. 20, 2018	Jun. 05, 2019~ Jul. 02,.2019	Nov. 19, 2019	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1000MHz	Oct. 02. 2018	Jun. 05, 2019~ Jul. 02,.2019	Oct. 01. 2019	Radiation (03CH16-HY)
Preamplifier	Jet-Power	JPA0118-55-303	1710001800055007	1GHz~18GHz	Apr. 01, 2019	Jun. 05, 2019~ Jul. 02,.2019	Mar. 31, 2020	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 12, 2018	Jun. 05, 2019~ Jul. 02,.2019	Dec.11, 2019	Radiation (03CH16-HY)
Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 16, 2018	Jun. 05, 2019~ Jul. 02,.2019	Jul. 15, 2019	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY57290111	3Hz~26.5GHz	Nov. 29, 2018	Jun. 05, 2019~ Jul. 02,.2019	Nov. 28, 2019	Radiation (03CH16-HY)
Spectrum Analyzer	Agilent	N9010A	MY54200486	10Hz~44GHz	Oct. 19, 2018	Jun. 05, 2019~ Jul. 02,.2019	Oct. 18, 2019	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	MY1082/26EA	30M-18G	Oct. 15, 2018	Jun. 05, 2019~ Jul. 02,.2019	Oct. 14, 2019	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15539/4	30M-18G	Feb. 26, 2019	Jun. 05, 2019~ Jul. 02,.2019	Feb. 25, 2020	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY36980/4	30M~18GHz	Apr. 15, 2019	Jun. 05, 2019~ Jul. 02,.2019	Apr. 14, 2020	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Jun. 05, 2019~ Jul. 02,.2019	N/A	Radiation (03CH16-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.20

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.90

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.80

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.90

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Kai Liao	Temperature:	21~25	°C
Test Date:	2019/6/11 ~6/23	Relative Humidity:	51~54	%
TX Tool	ComplianceTool	TX Tool Version	1.0.0.50	

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
					Ant 1	Ant 2	Ant 1	Ant 2		
11b	1Mbps	1	1	2412	-	13.94	-	9.03	0.50	Pass
11b	1Mbps	1	6	2437	-	13.94	-	8.55	0.50	Pass
11b	1Mbps	1	11	2462	-	13.94	-	8.55	0.50	Pass
11b	1Mbps	1	12	2467	-	13.99	-	8.53	0.50	Pass
11b	1Mbps	1	13	2472	-	13.69	-	9.05	0.50	Pass
11g	6Mbps	1	1	2412	-	16.88	-	16.30	0.50	Pass
11g	6Mbps	1	6	2437	-	17.28	-	16.28	0.50	Pass
11g	6Mbps	1	11	2462	-	16.83	-	16.30	0.50	Pass
11g	6Mbps	1	12	2467	-	16.73	-	16.32	0.50	Pass
11g	6Mbps	1	13	2472	-	16.73	-	16.32	0.50	Pass
HT20	MCS0	1	1	2412	-	17.83	-	17.56	0.50	Pass
HT20	MCS0	1	6	2437	-	17.93	-	17.56	0.50	Pass
HT20	MCS0	1	11	2462	-	17.78	-	17.58	0.50	Pass
HT20	MCS0	1	12	2467	-	17.68	-	17.56	0.50	Pass
HT20	MCS0	1	13	2472	-	17.73	-	17.54	0.50	Pass

Report Number : FR921234-01C

TEST RESULTS DATA
Peak Output Power

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
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11b	1Mbps	1	1	2412	-	21.63	-	-	30.00	-	3.00	-	24.63	-	36.00	Pass
11b	1Mbps	1	6	2437	-	21.01	-	-	30.00	-	3.00	-	24.01	-	36.00	Pass
11b	1Mbps	1	11	2462	-	20.93	-	-	30.00	-	3.00	-	23.93	-	36.00	Pass
11b	1Mbps	1	12	2467	-	18.72	-	-	30.00	-	3.00	-	21.72	-	36.00	Pass
11b	1Mbps	1	13	2472	-	16.32	-	-	30.00	-	3.00	-	19.32	-	36.00	Pass
11g	6Mbps	1	1	2412	-	24.33	-	-	30.00	-	3.00	-	27.33	-	36.00	Pass
11g	6Mbps	1	6	2437	-	24.66	-	-	30.00	-	3.00	-	27.66	-	36.00	Pass
11g	6Mbps	1	11	2462	-	24.05	-	-	30.00	-	3.00	-	27.05	-	36.00	Pass
11g	6Mbps	1	12	2467	-	22.76	-	-	30.00	-	3.00	-	25.76	-	36.00	Pass
11g	6Mbps	1	13	2472	-	20.66	-	-	30.00	-	3.00	-	23.66	-	36.00	Pass
HT20	MCS0	1	1	2412	-	24.14	-	-	30.00	-	3.00	-	27.14	-	36.00	Pass
HT20	MCS0	1	6	2437	-	24.27	-	-	30.00	-	3.00	-	27.27	-	36.00	Pass
HT20	MCS0	1	11	2462	-	23.74	-	-	30.00	-	3.00	-	26.74	-	36.00	Pass
HT20	MCS0	1	12	2467	-	21.72	-	-	30.00	-	3.00	-	24.72	-	36.00	Pass
HT20	MCS0	1	13	2472	-	20.55	-	-	30.00	-	3.00	-	23.55	-	36.00	Pass

Note: Measured power (dBm) has offset with cable loss.

TEST RESULTS DATA
Average Output Power

2.4GHz Band									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)		
					Ant 1	Ant 2	Ant 1	Ant 2	SUM
11b	1Mbps	1	1	2412	-	0.00	-	19.70	-
11b	1Mbps	1	6	2437	-	0.00	-	18.90	
11b	1Mbps	1	11	2462	-	0.00	-	19.10	
11b	1Mbps	1	12	2467	-	0.00	-	17.00	
11b	1Mbps	1	13	2472	-	0.00	-	14.50	
11g	6Mbps	1	1	2412	-	0.00	-	17.80	
11g	6Mbps	1	6	2437	-	0.00	-	18.60	
11g	6Mbps	1	11	2462	-	0.00	-	16.90	
11g	6Mbps	1	12	2467	-	0.00	-	14.40	
11g	6Mbps	1	13	2472	-	0.00	-	12.60	
HT20	MCS0	1	1	2412	-	0.00	-	16.70	
HT20	MCS0	1	6	2437	-	0.00	-	17.60	
HT20	MCS0	1	11	2462	-	0.00	-	16.20	
HT20	MCS0	1	12	2467	-	0.00	-	13.30	
HT20	MCS0	1	13	2472	-	0.00	-	12.00	

Note: Measured power (dBm) has offset with cable loss.

TEST RESULTS DATA
Peak Power Spectral Density

2.4GHz Band												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm/3kHz)			DG (dBi)		Peak PSD Limit (dBm/3kHz)		Pass/Fail
					Ant 1	Ant 2	Worse + 3.01	Ant 1	Ant 2	Ant 1	Ant 2	
11b	1Mbps	1	1	2412	-	-2.00	-	-	3.00	-	8.00	Pass
11b	1Mbps	1	6	2437	-	-2.91	-	-	3.00	-	8.00	Pass
11b	1Mbps	1	11	2462	-	-2.83	-	-	3.00	-	8.00	Pass
11b	1Mbps	1	12	2467	-	-4.86	-	-	3.00	-	8.00	Pass
11b	1Mbps	1	13	2472	-	-7.55	-	-	3.00	-	8.00	Pass
11g	6Mbps	1	1	2412	-	-7.01	-	-	3.00	-	8.00	Pass
11g	6Mbps	1	6	2437	-	-4.71	-	-	3.00	-	8.00	Pass
11g	6Mbps	1	11	2462	-	-7.31	-	-	3.00	-	8.00	Pass
11g	6Mbps	1	12	2467	-	-9.66	-	-	3.00	-	8.00	Pass
11g	6Mbps	1	13	2472	-	-12.31	-	-	3.00	-	8.00	Pass
HT20	MCS0	1	1	2412	-	-8.19	-	-	3.00	-	8.00	Pass
HT20	MCS0	1	6	2437	-	-6.81	-	-	3.00	-	8.00	Pass
HT20	MCS0	1	11	2462	-	-8.05	-	-	3.00	-	8.00	Pass
HT20	MCS0	1	12	2467	-	-10.34	-	-	3.00	-	8.00	Pass
HT20	MCS0	1	13	2472	-	-12.98	-	-	3.00	-	8.00	Pass

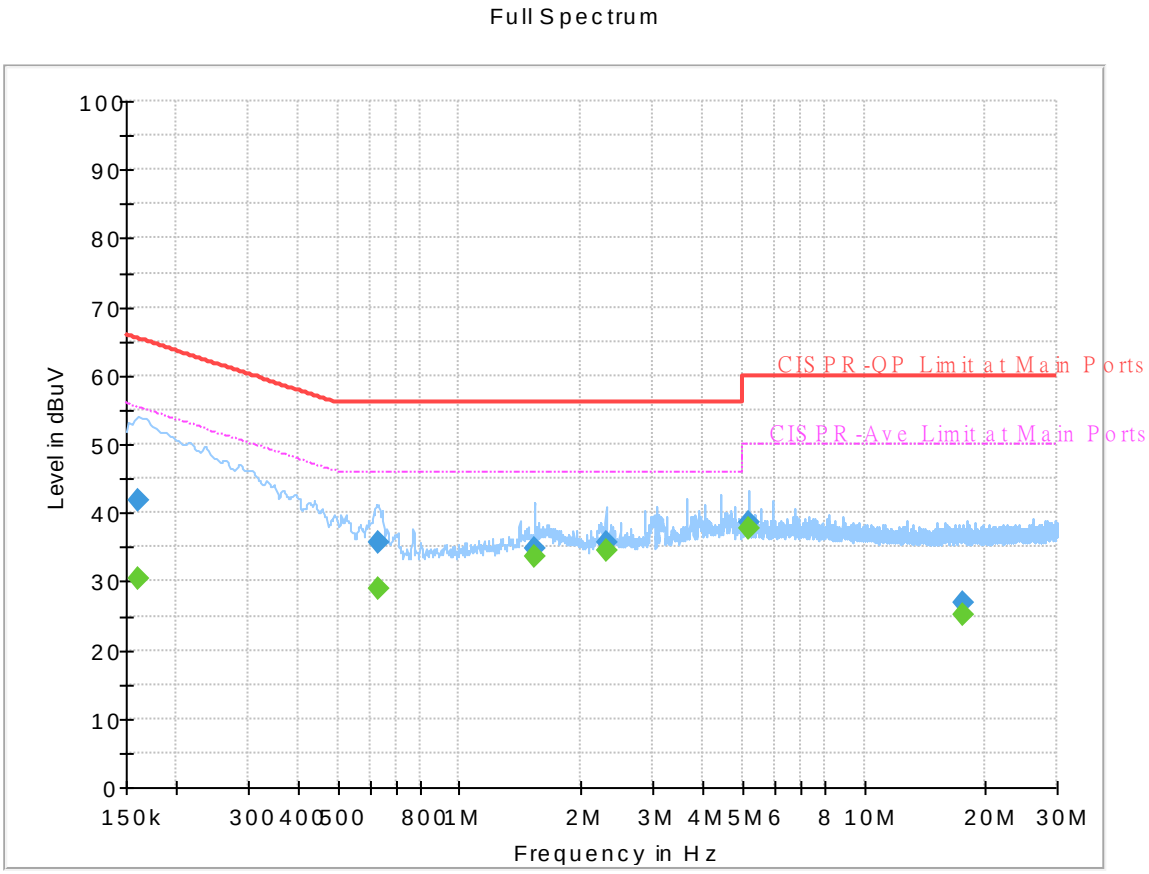
Measured power density (dBm) has offset with cable loss.

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Jimmy Chang	**Temperature :**	24~26℃
		Relative Humidity :	50~53%

EUT Information

Report NO :	921234-01
Test Mode :	Mode 2
Test Voltage :	120Vac/60Hz
Phase :	Line

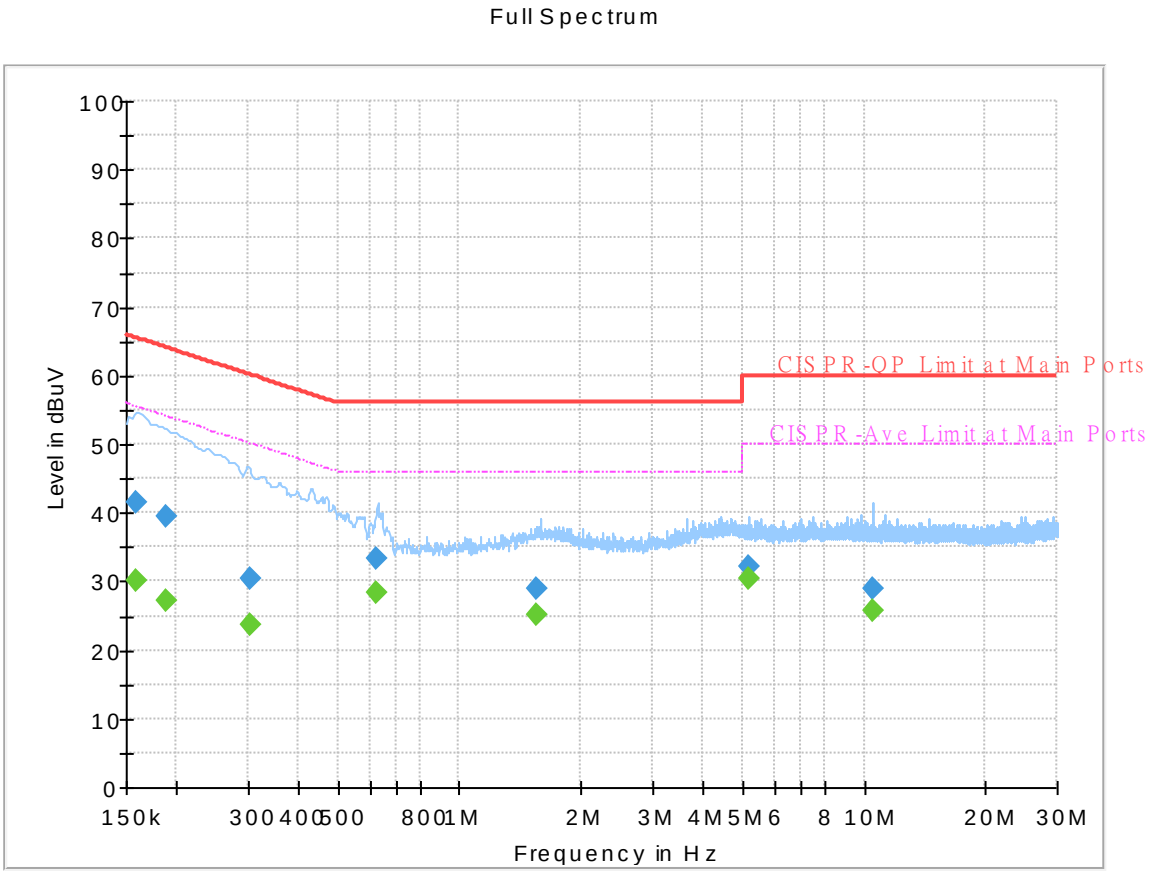


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161250	---	30.40	55.40	25.00	L1	OFF	19.4
0.161250	41.76	---	65.40	23.64	L1	OFF	19.4
0.627000	---	29.03	46.00	16.97	L1	OFF	19.4
0.627000	35.67	---	56.00	20.33	L1	OFF	19.4
1.531500	---	33.52	46.00	12.48	L1	OFF	19.5
1.531500	34.88	---	56.00	21.12	L1	OFF	19.5
2.298750	---	34.48	46.00	11.52	L1	OFF	19.4
2.298750	35.54	---	56.00	20.46	L1	OFF	19.4
5.176500	---	37.84	50.00	12.16	L1	OFF	19.6
5.176500	38.48	---	60.00	21.52	L1	OFF	19.6
17.497500	---	25.29	50.00	24.71	L1	OFF	20.1
17.497500	26.88	---	60.00	33.12	L1	OFF	20.1

EUT Information

Report NO :	921234-01
Test Mode :	Mode 2
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.159000	---	30.23	55.52	25.29	N	OFF	19.5
0.159000	41.46	---	65.52	24.06	N	OFF	19.5
0.188250	---	27.19	54.11	26.92	N	OFF	19.5
0.188250	39.40	---	64.11	24.71	N	OFF	19.5
0.303000	---	23.79	50.16	26.37	N	OFF	19.5
0.303000	30.27	---	60.16	29.89	N	OFF	19.5
0.624750	---	28.34	46.00	17.66	N	OFF	19.5
0.624750	33.23	---	56.00	22.77	N	OFF	19.5
1.545000	---	25.09	46.00	20.91	N	OFF	19.5
1.545000	29.08	---	56.00	26.92	N	OFF	19.5
5.174250	---	30.27	50.00	19.73	N	OFF	19.7
5.174250	32.12	---	60.00	27.88	N	OFF	19.7
10.545000	---	25.64	50.00	24.36	N	OFF	19.9
10.545000	29.04	---	60.00	30.96	N	OFF	19.9

Appendix C. Radiated Spurious Emission

Test Engineer :	Jacky Hung 、 Austin LI 、 CR Liro	Temperature :	20~25°C
		Relative Humidity :	50~60%

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2360.715	56.44	-17.56	74	41.12	27.34	18.27	30.29	105	305	P	H
		2388.015	45.03	-8.97	54	29.59	27.41	18.31	30.28	105	305	A	H
	*	2412	110.51	-	-	94.98	27.47	18.34	30.28	105	305	P	H
	*	2412	107.57	-	-	92.04	27.47	18.34	30.28	105	305	A	H
		2352.84	56.4	-17.6	74	41.11	27.32	18.26	30.29	294	108	P	V
		2388.12	44.9	-9.1	54	29.46	27.41	18.31	30.28	294	108	A	V
	*	2412	109.89	-	-	94.36	27.47	18.34	30.28	294	108	P	V
	*	2412	106.77	-	-	91.24	27.47	18.34	30.28	294	108	A	V

WIFI Ant. 2	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 06 2437MHz		2337.44	55.74	-18.26	74	40.52	27.28	18.24	30.3	130	301	P	H
		2387.14	44.19	-9.81	54	28.75	27.41	18.31	30.28	130	301	A	H
	*	2437	109.75	-	-	94.13	27.54	18.35	30.27	130	301	P	H
	*	2437	106.62	-	-	91	27.54	18.35	30.27	130	301	A	H
		2488.52	56.25	-17.75	74	40.45	27.67	18.38	30.25	130	301	P	H
		2493.14	44.7	-9.3	54	28.88	27.68	18.39	30.25	130	301	A	H
		2387	55.93	-18.07	74	40.49	27.41	18.31	30.28	367	106	P	V
		2387.42	44.07	-9.93	54	28.63	27.41	18.31	30.28	367	106	A	V
	*	2437	109.11	-	-	93.49	27.54	18.35	30.27	367	106	P	V
	*	2437	105.97	-	-	90.35	27.54	18.35	30.27	367	106	A	V
		2486.98	56.09	-17.91	74	40.29	27.67	18.38	30.25	367	106	P	V
		2493	44.6	-9.4	54	28.78	27.68	18.39	30.25	367	106	A	V
802.11b CH 11 2462MHz	*	2462	111.43	-	-	95.72	27.6	18.37	30.26	101	302	P	H
	*	2462	108.31	-	-	92.6	27.6	18.37	30.26	101	302	A	H
		2484.92	56.94	-17.06	74	41.15	27.66	18.38	30.25	101	302	P	H
		2488.08	45.41	-8.59	54	29.61	27.67	18.38	30.25	101	302	A	H
	*	2462	110.33	-	-	94.62	27.6	18.37	30.26	282	119	P	V
	*	2462	107.19	-	-	91.48	27.6	18.37	30.26	282	119	A	V
		2484.24	56.83	-17.17	74	41.04	27.66	18.38	30.25	282	119	P	V
		2488.04	45.15	-8.85	54	29.35	27.67	18.38	30.25	282	119	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI Ant. 2	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 12 2467MHz	*	2467	108.68	-	-	92.96	27.61	18.37	30.26	101	298	P	H
	*	2467	105.56	-	-	89.84	27.61	18.37	30.26	101	298	A	H
		2483.56	61	-13	74	45.21	27.66	18.38	30.25	101	298	P	H
		2484	52.7	-1.3	54	36.91	27.66	18.38	30.25	101	298	A	H
	*	2467	108.08	-	-	92.36	27.61	18.37	30.26	316	112	P	V
	*	2467	104.98	-	-	89.26	27.61	18.37	30.26	316	112	A	V
		2483.64	60.81	-13.19	74	45.02	27.66	18.38	30.25	316	112	P	V
		2483.96	53.02	-0.98	54	37.23	27.66	18.38	30.25	316	112	A	V
802.11b CH 13 2472MHz	*	2472	105.16	-	-	89.42	27.63	18.37	30.26	103	298	P	H
	*	2472	102.22	-	-	86.48	27.63	18.37	30.26	103	298	A	H
		2483.96	60.11	-13.89	74	44.32	27.66	18.38	30.25	103	298	P	H
		2487.24	52.45	-1.55	54	36.65	27.67	18.38	30.25	103	298	A	H
	*	2472	105.17	-	-	89.43	27.63	18.37	30.26	313	109	P	V
	*	2472	102.04	-	-	86.3	27.63	18.37	30.26	313	109	A	V
		2484.84	59.94	-14.06	74	44.15	27.66	18.38	30.25	313	109	P	V
		2487.24	53.04	-0.96	54	37.24	27.67	18.38	30.25	313	109	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. 2	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		4824	45.79	-28.21	74	58.66	32.45	13.84	59.16	100	0	P	H
		4824	48.19	-25.81	74	61.06	32.45	13.84	59.16	100	0	P	V
802.11b CH 06 2437MHz		4874	44.48	-29.52	74	57.18	32.55	13.92	59.17	100	0	P	H
		7311	45.16	-28.84	74	51.85	37.24	15.25	59.18	100	0	P	H
		4874	47.21	-26.79	74	59.91	32.55	13.92	59.17	100	0	P	V
		7311	47.43	-26.57	74	54.12	37.24	15.25	59.18	100	0	P	V
802.11b CH 11 2462MHz		4924	44	-30	74	56.52	32.65	14.01	59.18	100	0	P	H
		7386	44.6	-29.4	74	51.24	37.34	15.17	59.15	100	0	P	H
		4924	46.12	-27.88	74	58.64	32.65	14.01	59.18	100	0	P	V
		7386	46.9	-27.1	74	53.54	37.34	15.17	59.15	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI Ant. 2	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 12 2467MHz		4934	42	-32	74	54.51	32.67	14.01	59.19	100	0	P	H
		7401	44.43	-29.57	74	51.05	37.36	15.16	59.14	100	0	P	H
		4934	44	-30	74	56.51	32.67	14.01	59.19	100	0	P	V
		7401	46.55	-27.45	74	53.17	37.36	15.16	59.14	100	0	P	V
802.11b CH 13 2472MHz		4944	41.44	-32.56	74	53.91	32.69	14.03	59.19	100	0	P	H
		7416	45.15	-28.85	74	51.69	37.38	15.21	59.13	100	0	P	H
		4944	42.11	-31.89	74	54.58	32.69	14.03	59.19	100	0	P	V
		7416	44.72	-29.28	74	51.26	37.38	15.21	59.13	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 802.11g (Band Edge @ 3m)

WIFI Ant. 2	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		2389.695	68.58	-5.42	74	53.13	27.41	18.32	30.28	100	300	P	H
		2390	52.98	-1.02	54	37.53	27.41	18.32	30.28	100	300	A	H
	*	2412	111.2	-	-	95.67	27.47	18.34	30.28	100	300	P	H
	*	2412	103.46	-	-	87.93	27.47	18.34	30.28	100	300	A	H
		2389.695	68.37	-5.63	74	52.92	27.41	18.32	30.28	298	108	P	V
		2390	52.47	-1.53	54	37.02	27.41	18.32	30.28	298	108	A	V
	*	2412	110.72	-	-	95.19	27.47	18.34	30.28	298	108	P	V
	*	2412	103.07	-	-	87.54	27.47	18.34	30.28	298	108	A	V
802.11g CH 06 2437MHz		2356.76	57.11	-16.89	74	41.8	27.33	18.27	30.29	108	132	P	H
		2389.94	44.45	-9.55	54	29	27.41	18.32	30.28	108	132	A	H
	*	2437	112.76	-	-	97.14	27.54	18.35	30.27	108	132	P	H
	*	2437	105.18	-	-	89.56	27.54	18.35	30.27	108	132	A	H
		2491.11	57.5	-16.5	74	41.69	27.68	18.38	30.25	108	132	P	H
		2483.5	44.91	-9.09	54	29.12	27.66	18.38	30.25	108	132	A	H
		2373.84	56.58	-17.42	74	41.21	27.37	18.29	30.29	318	124	P	V
		2389.24	44.21	-9.79	54	28.77	27.41	18.31	30.28	318	124	A	V
	*	2437	111.15	-	-	95.53	27.54	18.35	30.27	318	124	P	V
	*	2437	103.38	-	-	87.76	27.54	18.35	30.27	318	124	A	V
		2485.37	57.72	-16.28	74	41.93	27.66	18.38	30.25	318	124	P	V
		2490.13	44.86	-9.14	54	29.06	27.67	18.38	30.25	318	124	A	V

WIFI Ant. 2	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 11 2462MHz	*	2462	111.52	-	-	95.81	27.6	18.37	30.26	102	301	P	H
	*	2462	104.04	-	-	88.33	27.6	18.37	30.26	102	301	A	H
		2483.56	69.56	-4.44	74	53.77	27.66	18.38	30.25	102	301	P	H
		2483.52	52.95	-1.05	54	37.16	27.66	18.38	30.25	102	301	A	H
	*	2462	110.12	-	-	94.41	27.6	18.37	30.26	285	111	P	V
	*	2462	102.67	-	-	86.96	27.6	18.37	30.26	285	111	A	V
		2483.52	67.87	-6.13	74	52.08	27.66	18.38	30.25	285	111	P	V
		2483.52	51.82	-2.18	54	36.03	27.66	18.38	30.25	285	111	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI Ant. 2	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 12 2467MHz	*	2467	106.99	-	-	91.27	27.61	18.37	30.26	101	291	P	H
	*	2467	99.66	-	-	83.94	27.61	18.37	30.26	101	291	A	H
		2483.72	71.13	-2.87	74	55.34	27.66	18.38	30.25	101	291	P	H
		2483.52	53.04	-0.96	54	37.25	27.66	18.38	30.25	101	291	A	H
	*	2468	106.78	-	-	91.05	27.62	18.37	30.26	354	115	P	V
	*	2468	99.17	-	-	83.44	27.62	18.37	30.26	354	115	A	V
		2483.72	71.45	-2.55	74	55.66	27.66	18.38	30.25	354	115	P	V
		2483.52	53.47	-0.53	54	37.68	27.66	18.38	30.25	354	115	A	V
802.11g CH 13 2472MHz	*	2472	106.54	-	-	90.8	27.63	18.37	30.26	100	296	P	H
	*	2472	99.15	-	-	83.41	27.63	18.37	30.26	100	296	A	H
		2487.24	73.18	-0.82	74	57.38	27.67	18.38	30.25	100	296	P	H
		2483.56	50.3	-3.7	54	34.51	27.66	18.38	30.25	100	296	A	H
	*	2472	105.53	-	-	89.79	27.63	18.37	30.26	355	111	P	V
	*	2472	98	-	-	82.26	27.63	18.37	30.26	355	111	A	V
		2486.48	73.23	-0.77	74	57.44	27.66	18.38	30.25	355	111	P	V
		2483.52	50.04	-3.96	54	34.25	27.66	18.38	30.25	355	111	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 802.11g (Harmonic @ 3m)

WIFI Ant. 2	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		4824	43.29	-30.71	74	56.16	32.45	13.84	59.16	100	0	P	H
		4824	46.82	-27.18	74	59.69	32.45	13.84	59.16	100	0	P	V
802.11g CH 06 2437MHz		4874	42.26	-31.74	74	54.96	32.55	13.92	59.17	100	0	P	H
		7311	44.47	-29.53	74	51.16	37.24	15.25	59.18	100	0	P	H
		4874	46.68	-27.32	74	59.38	32.55	13.92	59.17	100	0	P	V
		7311	46.69	-27.31	74	53.38	37.24	15.25	59.18	100	0	P	V
802.11g CH 11 2462MHz		4924	42.04	-31.96	74	54.56	32.65	14.01	59.18	100	0	P	H
		7386	44.16	-29.84	74	50.8	37.34	15.17	59.15	100	0	P	H
		4924	42.95	-31.05	74	55.47	32.65	14.01	59.18	100	0	P	V
		7386	44.69	-29.31	74	51.33	37.34	15.17	59.15	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI Ant. 2	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 12 2467MHz		4934	41.32	-32.68	74	53.83	32.67	14.01	59.19	100	0	P	H
		7401	43.87	-30.13	74	50.49	37.36	15.16	59.14	100	0	P	H
		4934	42.78	-31.22	74	55.29	32.67	14.01	59.19	100	0	P	V
		7401	43.7	-30.3	74	50.32	37.36	15.16	59.14	100	0	P	V
802.11g CH 13 2472MHz		4944	41.17	-32.83	74	53.64	32.69	14.03	59.19	100	0	P	H
		7416	43.22	-30.78	74	49.76	37.38	15.21	59.13	100	0	P	H
		4944	43.29	-30.71	74	55.76	32.69	14.03	59.19	100	0	P	V
		7416	43.74	-30.26	74	50.28	37.38	15.21	59.13	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. 2	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		2389.59	68.93	-5.07	74	53.49	27.41	18.31	30.28	100	300	P	H
		2390	53.02	-0.98	54	37.57	27.41	18.32	30.28	100	300	A	H
	*	2412	109.59	-	-	94.06	27.47	18.34	30.28	100	300	P	H
	*	2412	102.37	-	-	86.84	27.47	18.34	30.28	100	300	A	H
		2389.8	68.66	-5.34	74	53.21	27.41	18.32	30.28	299	108	P	V
		2390	52.76	-1.24	54	37.31	27.41	18.32	30.28	299	108	A	V
	*	2412	109.14	-	-	93.61	27.47	18.34	30.28	299	108	P	V
	*	2412	101.63	-	-	86.1	27.47	18.34	30.28	299	108	A	V
802.11n HT20 CH 06 2437MHz		2382.1	56.43	-17.57	74	41.03	27.39	18.3	30.29	109	138	P	H
		2388.96	44.37	-9.63	54	28.93	27.41	18.31	30.28	109	138	A	H
	*	2437	111.01	-	-	95.39	27.54	18.35	30.27	109	138	P	H
	*	2437	103.47	-	-	87.85	27.54	18.35	30.27	109	138	A	H
		2483.83	57.24	-16.76	74	41.45	27.66	18.38	30.25	109	138	P	H
		2484.25	44.9	-9.1	54	29.11	27.66	18.38	30.25	109	138	A	H
		2384.62	56.31	-17.69	74	40.88	27.4	18.31	30.28	321	113	P	V
		2389.24	44.2	-9.8	54	28.76	27.41	18.31	30.28	321	113	A	V
	*	2437	110.45	-	-	94.83	27.54	18.35	30.27	321	113	P	V
	*	2437	103.17	-	-	87.55	27.54	18.35	30.27	321	113	A	V
		2485.02	57.18	-16.82	74	41.39	27.66	18.38	30.25	321	113	P	V
		2484.39	44.85	-9.15	54	29.06	27.66	18.38	30.25	321	113	A	V

WIFI Ant. 2	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 11 2462MHz	*	2462	110.19	-	-	94.48	27.6	18.37	30.26	101	303	P	H
	*	2462	102.86	-	-	87.15	27.6	18.37	30.26	101	303	A	H
		2484	70.37	-3.63	74	54.58	27.66	18.38	30.25	101	303	P	H
		2483.52	53.2	-0.8	54	37.41	27.66	18.38	30.25	101	303	A	H
	*	2462	109.36	-	-	93.65	27.6	18.37	30.26	285	108	P	V
	*	2462	101.72	-	-	86.01	27.6	18.37	30.26	285	108	A	V
		2483.56	67.82	-6.18	74	52.03	27.66	18.38	30.25	285	108	P	V
		2483.52	52.13	-1.87	54	36.34	27.66	18.38	30.25	285	108	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI Ant. 2	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 12 2467MHz	*	2467	107.3	-	-	91.58	27.61	18.37	30.26	103	297	P	H
	*	2467	99.68	-	-	83.96	27.61	18.37	30.26	103	297	A	H
		2484.88	70.98	-3.02	74	55.19	27.66	18.38	30.25	103	297	P	H
		2483.52	52.47	-1.53	54	36.68	27.66	18.38	30.25	103	297	A	H
	*	2467	105.94	-	-	90.22	27.61	18.37	30.26	354	112	P	V
	*	2467	98.44	-	-	82.72	27.61	18.37	30.26	354	112	A	V
		2484.56	70.54	-3.46	74	54.75	27.66	18.38	30.25	354	112	P	V
		2483.52	52.15	-1.85	54	36.36	27.66	18.38	30.25	354	112	A	V
802.11n HT20 CH 13 2472MHz	*	2472	105.58	-	-	89.84	27.63	18.37	30.26	101	297	P	H
	*	2472	98.06	-	-	82.32	27.63	18.37	30.26	101	297	A	H
		2484.36	71.75	-2.25	74	55.96	27.66	18.38	30.25	101	297	P	H
		2483.52	48.98	-5.02	54	33.19	27.66	18.38	30.25	101	297	A	H
	*	2472	104.72	-	-	88.98	27.63	18.37	30.26	315	109	P	V
	*	2472	97.14	-	-	81.4	27.63	18.37	30.26	315	109	A	V
		2484.16	71.03	-2.97	74	55.24	27.66	18.38	30.25	315	109	P	V
		2483.52	49.25	-4.75	54	33.46	27.66	18.38	30.25	315	109	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. 2	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		4824	42.21	-31.79	74	55.08	32.45	13.84	59.16	100	0	P	H
HT20 CH 01 2412MHz		4824	46.46	-27.54	74	59.33	32.45	13.84	59.16	100	0	P	V
802.11n		4874	41.63	-32.37	74	54.33	32.55	13.92	59.17	100	0	P	H
HT20		7311	43.56	-30.44	74	50.25	37.24	15.25	59.18	100	0	P	H
CH 06		4874	47.05	-26.95	74	59.75	32.55	13.92	59.17	100	0	P	V
2437MHz		7311	45.46	-28.54	74	52.15	37.24	15.25	59.18	100	0	P	V
802.11n		4924	41.14	-32.86	74	53.66	32.65	14.01	59.18	100	0	P	H
HT20		7386	44.37	-29.63	74	51.01	37.34	15.17	59.15	100	0	P	H
CH 11		4924	42.36	-31.64	74	54.88	32.65	14.01	59.18	100	0	P	V
2462MHz		7386	44.32	-29.68	74	50.96	37.34	15.17	59.15	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI Ant. 2	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		4934	41.65	-32.35	74	54.16	32.67	14.01	59.19	100	0	P	H
HT20		7401	45.26	-28.74	74	51.88	37.36	15.16	59.14	100	0	P	H
CH 12		4934	42.18	-31.82	74	54.69	32.67	14.01	59.19	100	0	P	V
2467MHz		7401	44.03	-29.97	74	50.65	37.36	15.16	59.14	100	0	P	V
802.11n		4944	40.14	-33.86	74	52.61	32.69	14.03	59.19	100	0	P	H
HT20		7416	43.66	-30.34	74	50.2	37.38	15.21	59.13	100	0	P	H
CH 13		4944	41.39	-32.61	74	53.86	32.69	14.03	59.19	100	0	P	V
2472MHz		7416	44.04	-29.96	74	50.58	37.38	15.21	59.13	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)

WIFI Ant. 2	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)
2.4GHz 802.11g LF		30	21.25	-18.75	40	28.9	24.48	0.32	32.45	-	-	P	H
		389.87	27.68	-18.32	46	35.59	21.44	3.14	32.49	-	-	P	H
		457.77	27.94	-18.06	46	34.03	23.27	3.19	32.55	-	-	P	H
		727.43	29.95	-16.05	46	30.64	27.46	4.33	32.48	-	-	P	H
		920.46	32.18	-13.82	46	29.55	29.61	4.63	31.61	100	0	P	H
		995.15	34.56	-19.44	54	29.4	30.6	5.51	30.95	-	-	P	H
		71.71	26.18	-13.82	40	45.2	12.42	0.96	32.4	100	0	P	V
		182.29	24.27	-19.23	43.5	40.02	14.95	1.65	32.35	-	-	P	V
		358.83	25.15	-20.85	46	34.04	20.69	2.89	32.47	-	-	P	V
		541.19	30.43	-15.57	46	35.11	24.4	3.54	32.62	-	-	P	V
		817.64	30.72	-15.28	46	30.35	28.17	4.46	32.26	-	-	P	V
		976.72	34.23	-19.77	54	29.32	30.88	5.14	31.11	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Note symbol

*	**Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is **over limit** line.
P/A	**P**eak or **A**verage
H/V	**H**orizontal or **V**ertical

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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		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

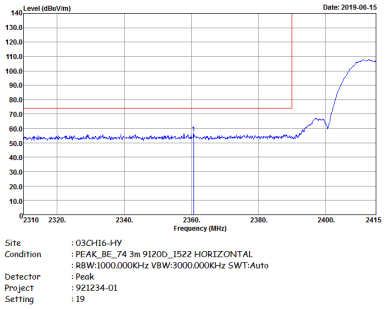
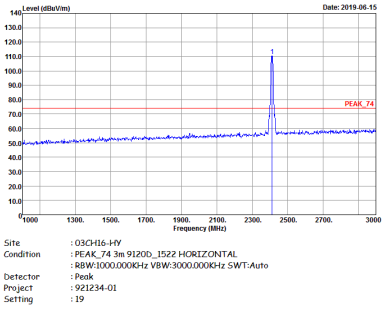
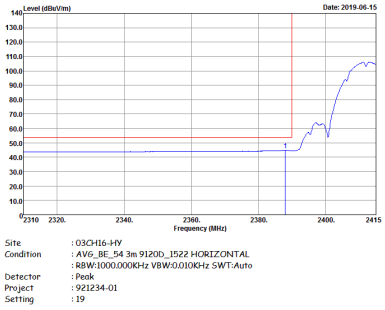
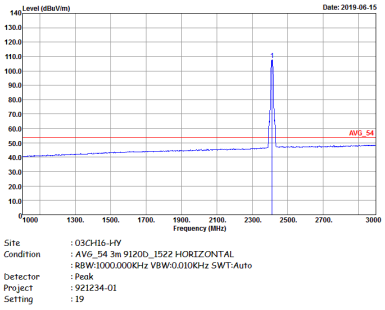
Test Engineer :	Jacky Hung 、 Austin LI 、 CR Liro	**Temperature :**	20~25°C
		Relative Humidity :	50~60%

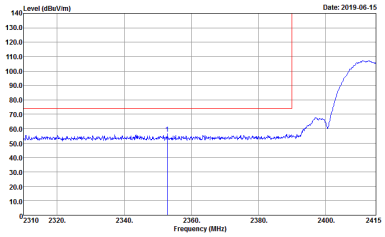
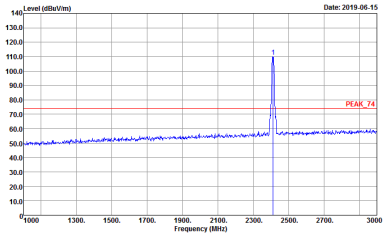
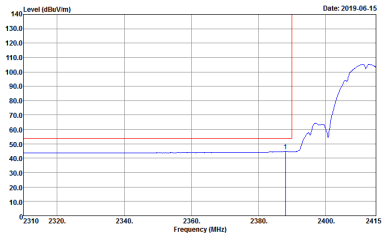
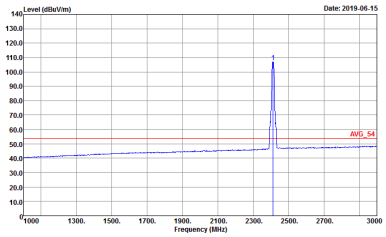
Note symbol

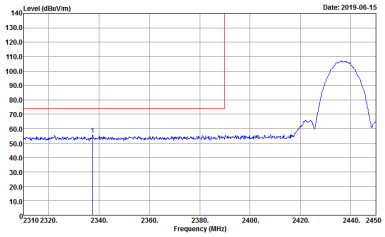
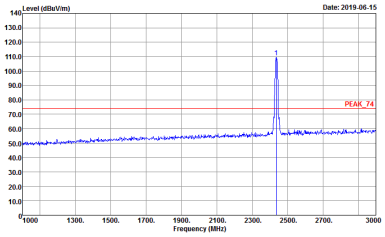
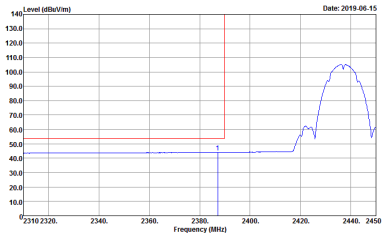
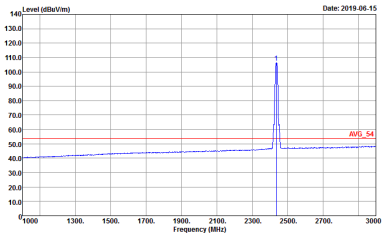
-L	**Low channel location**
-R	**High channel location**

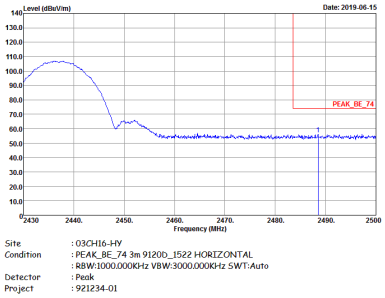
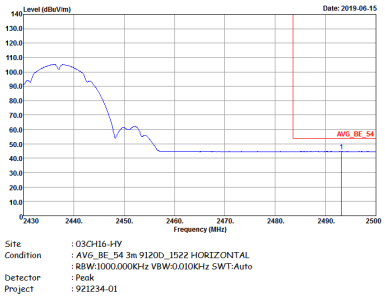
2.4GHz 2400~2483.5MHz

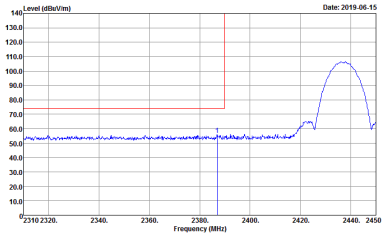
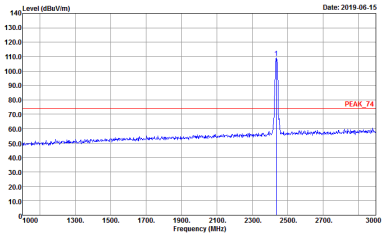
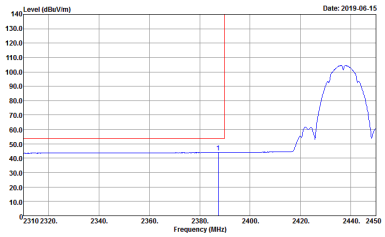
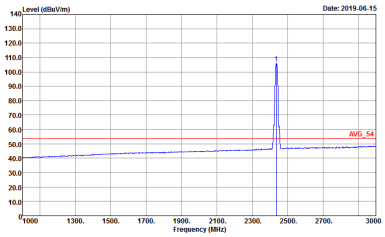
WIFI 802.11b (Band Edge @ 3m)

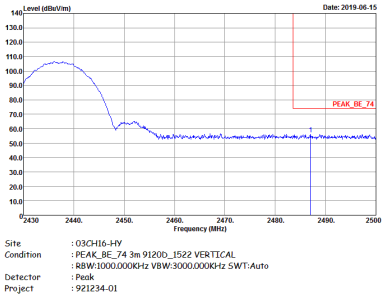
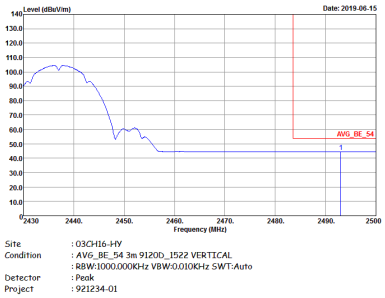
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
2	Horizontal	Fundamental
Peak		
Avg.		

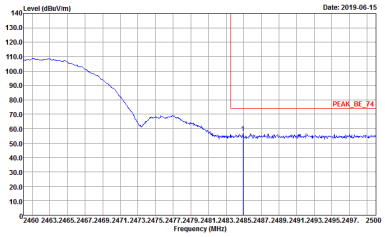
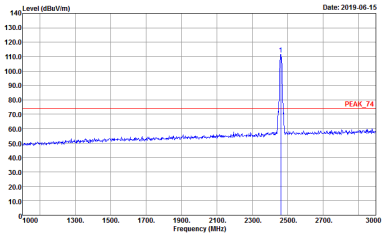
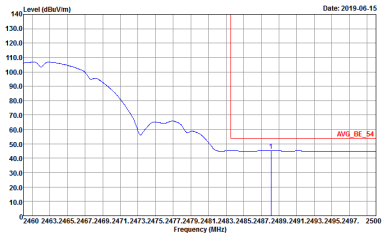
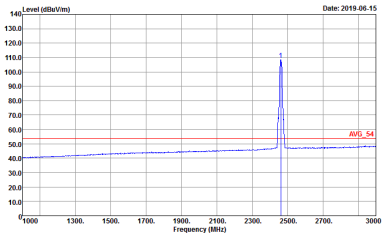
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 19	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 19
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 19	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 19

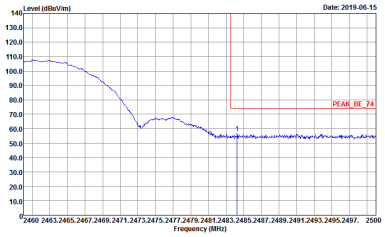
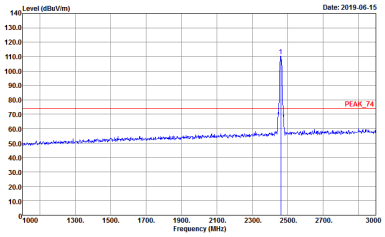
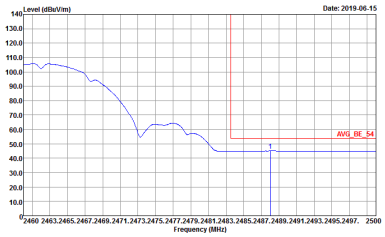
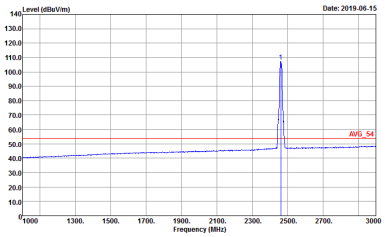
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01

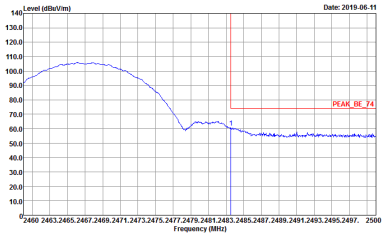
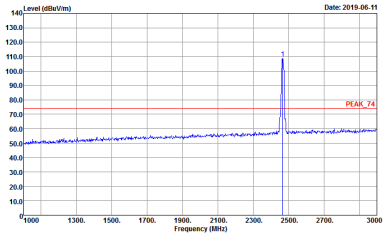
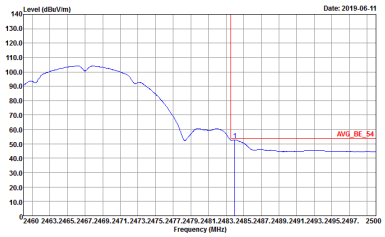
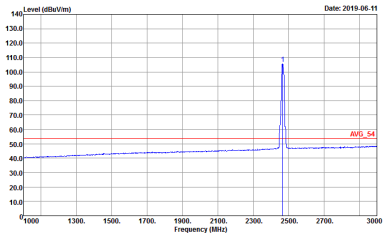
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

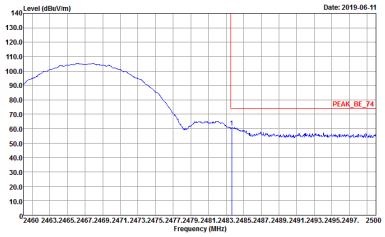
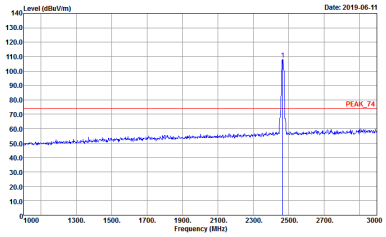
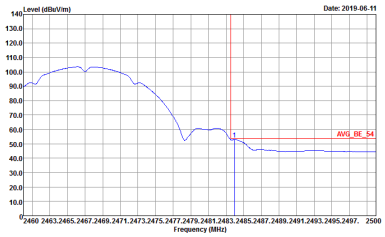
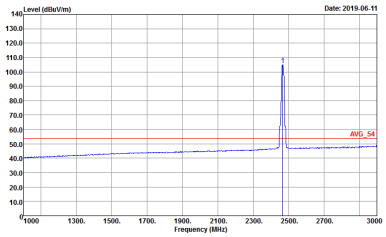
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01

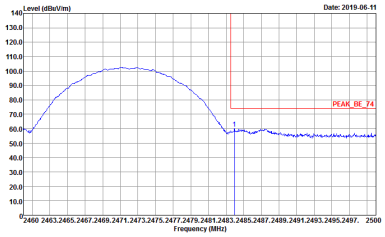
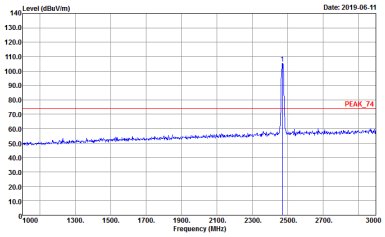
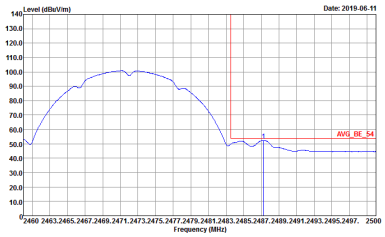
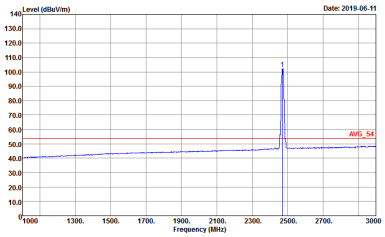
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

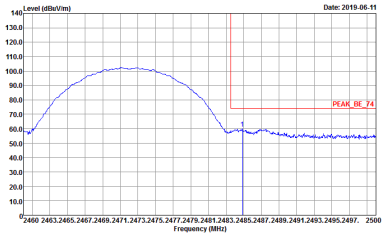
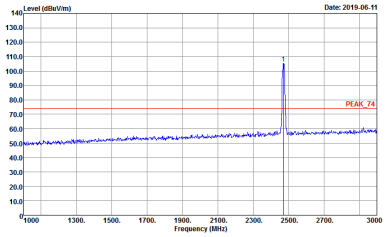
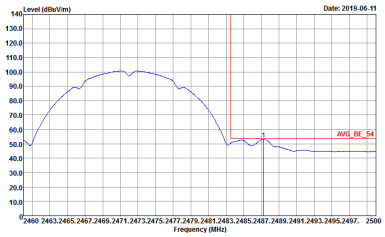
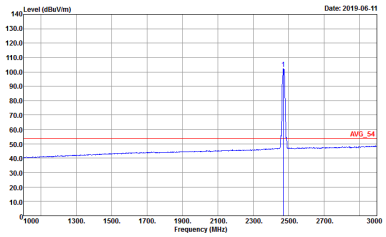
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17

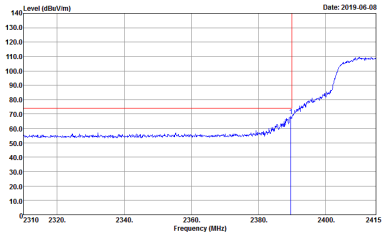
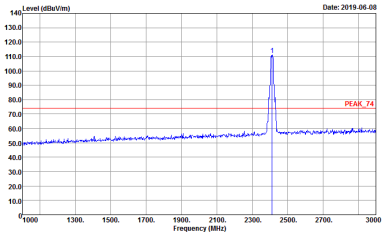
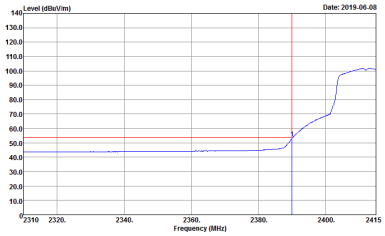
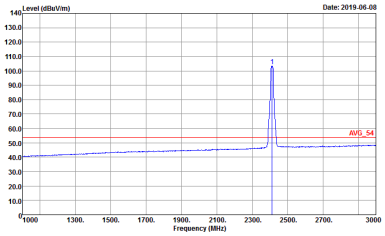
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17

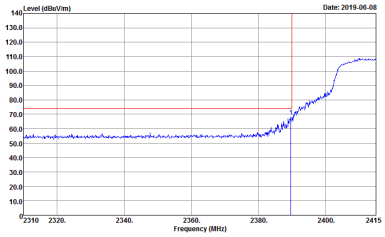
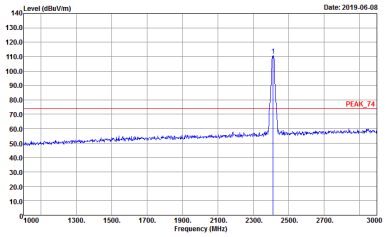
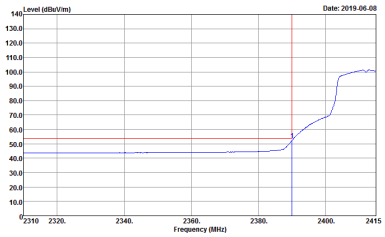
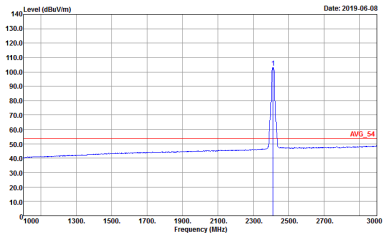
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 14.5	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 14.5
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 14.5	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 14.5

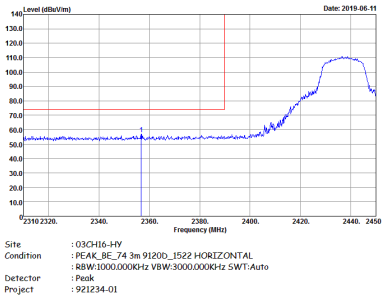
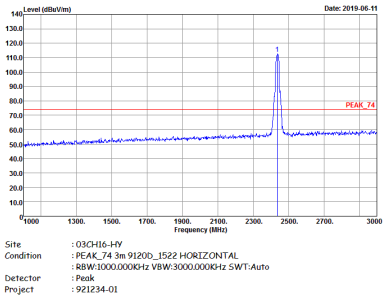
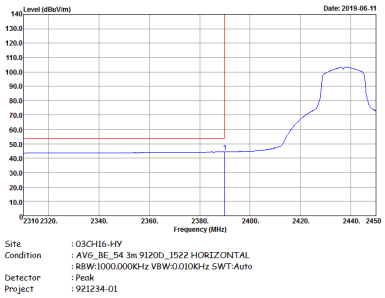
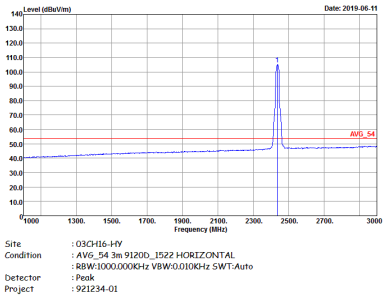
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 14.5	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 14.5
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 14.5	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 14.5

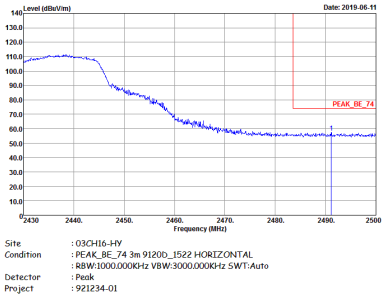
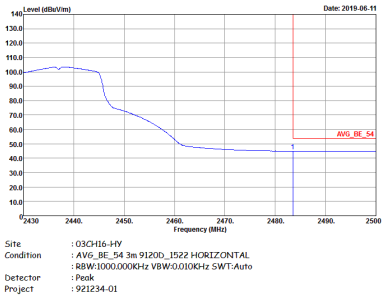
2.4GHz 2400~2483.5MHz

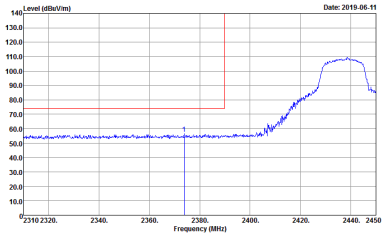
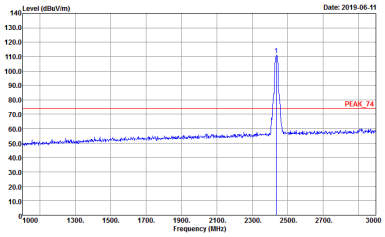
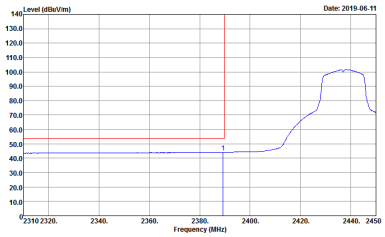
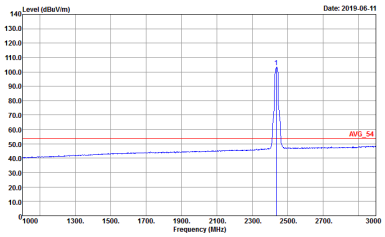
WIFI 802.11g (Band Edge @ 3m)

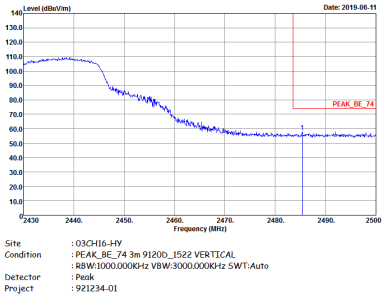
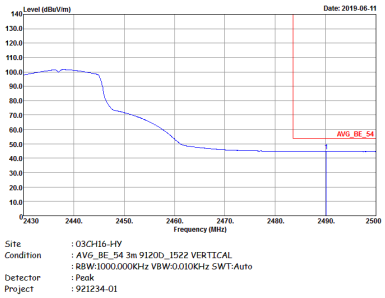
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17.5	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17.5
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17.5	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17.5

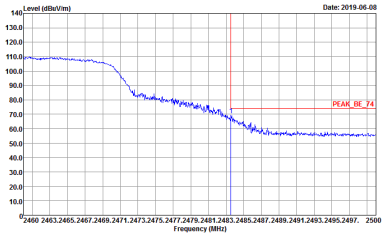
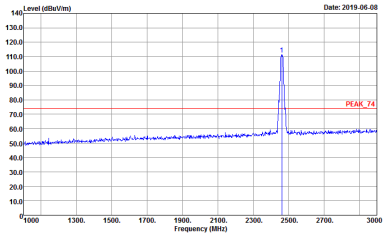
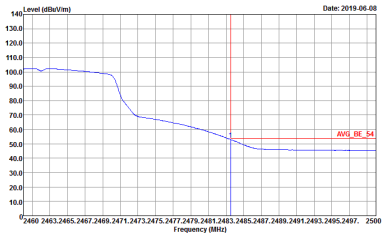
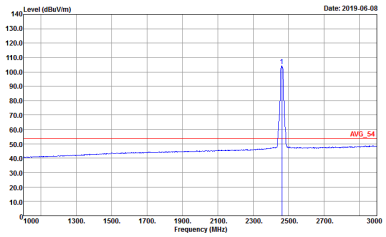
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17.5	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17.5
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17.5	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17.5

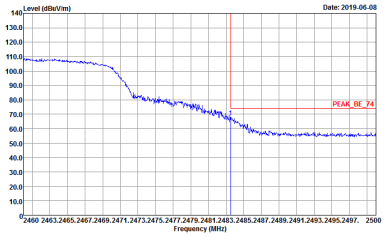
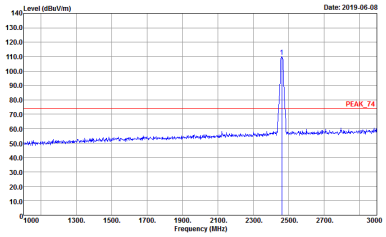
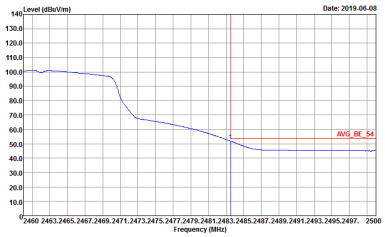
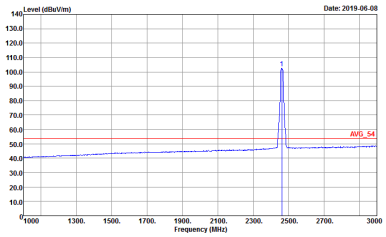
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		

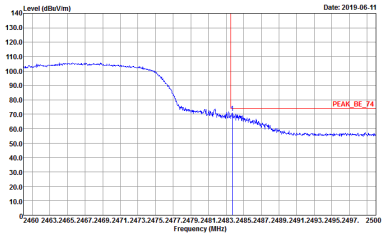
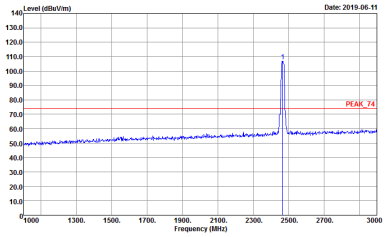
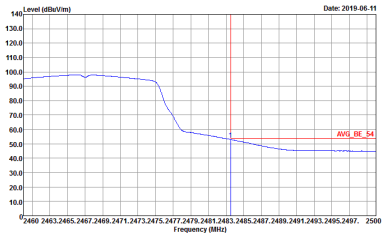
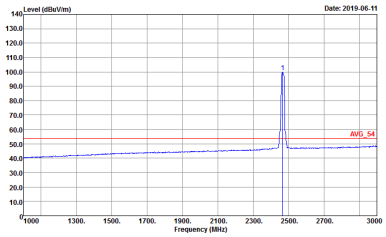
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

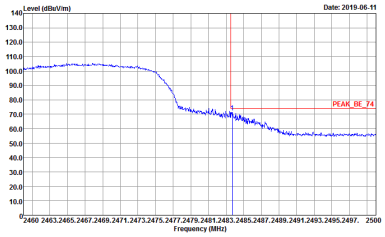
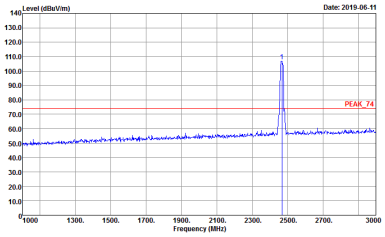
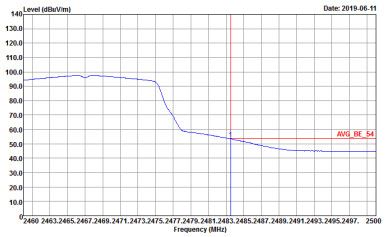
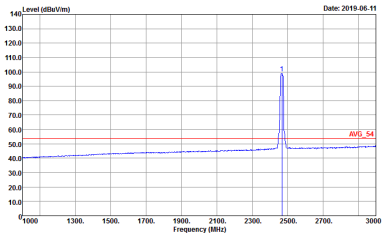
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_8E_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01
Avg.	 Site : 03CH16-HY Condition : AVG_8E_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01

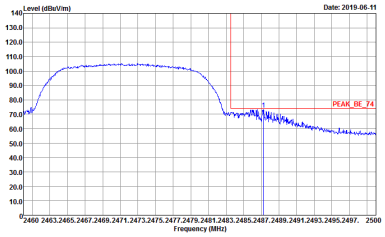
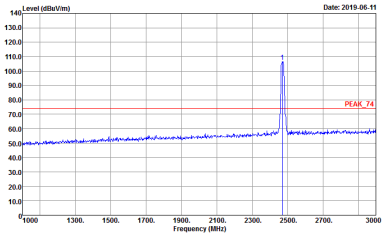
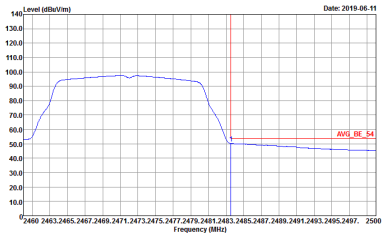
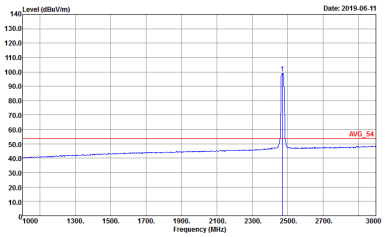
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Vertical	Fundamental
Peak		Left Blank
Avg.		Left Blank

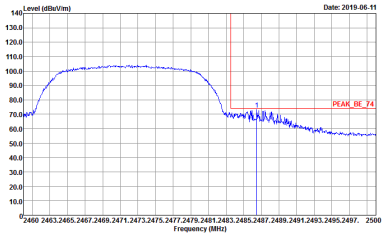
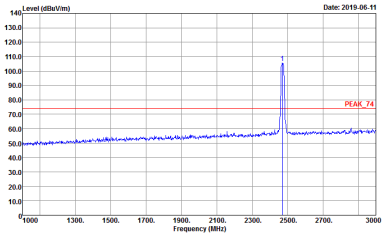
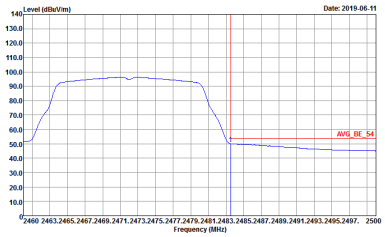
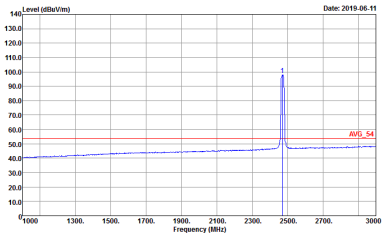
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 17

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH12 2467MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 14.5	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 14.5
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 14.5	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 14.5

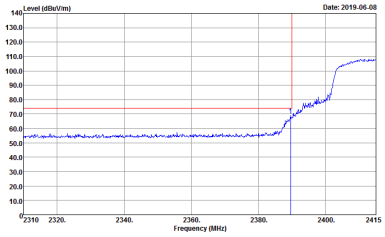
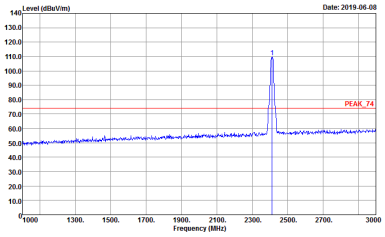
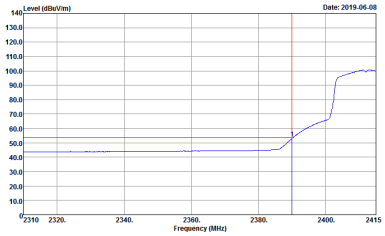
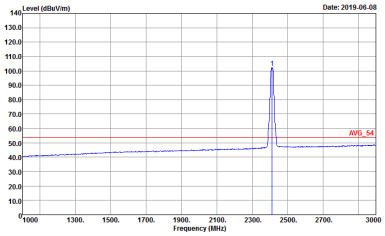
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH12 2467MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 14.5	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 14.5
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 14.5	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 14.5

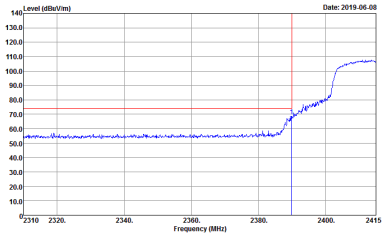
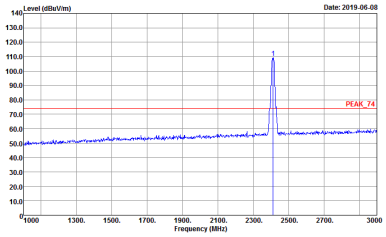
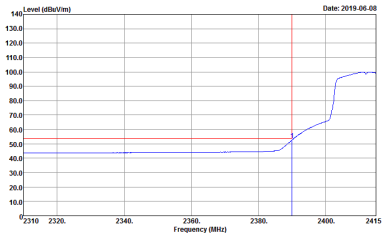
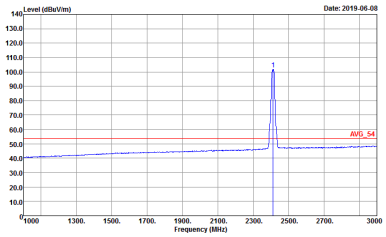
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 12.5	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 12.5
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 12.5	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 12.5

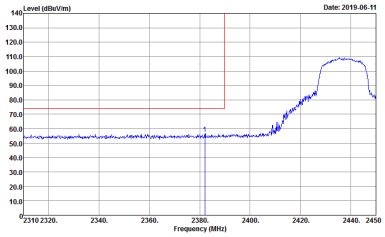
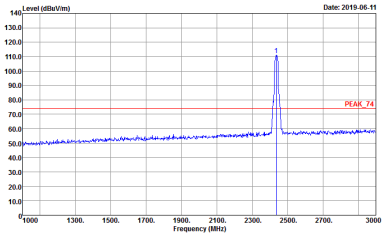
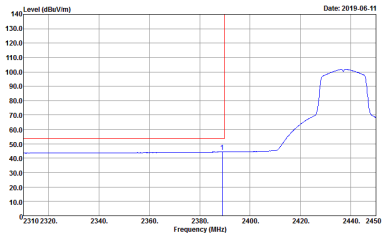
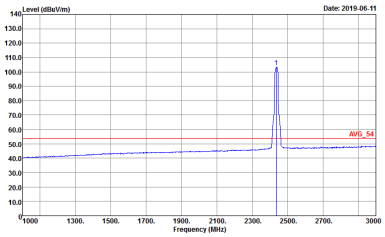
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 12.5	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 12.5
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 12.5	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 12.5

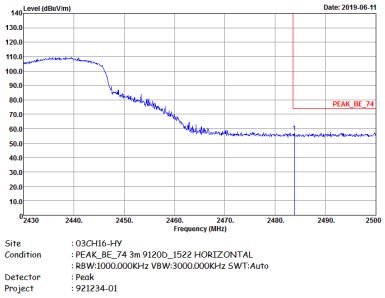
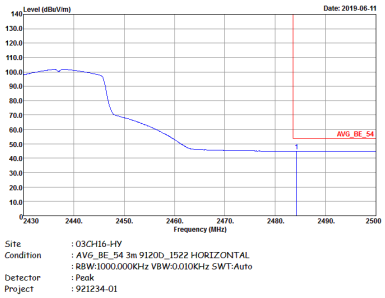
2.4GHz 2400~2483.5MHz

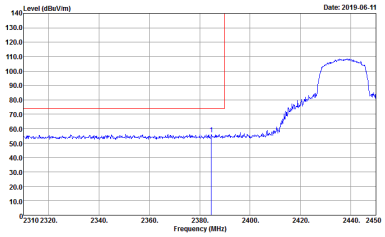
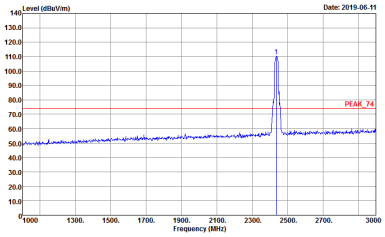
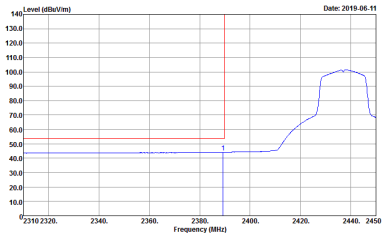
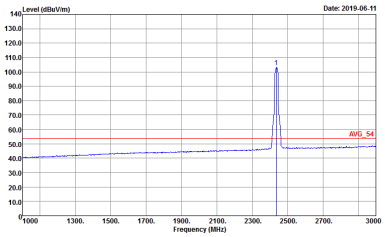
WIFI 802.11n HT20 (Band Edge @ 3m)

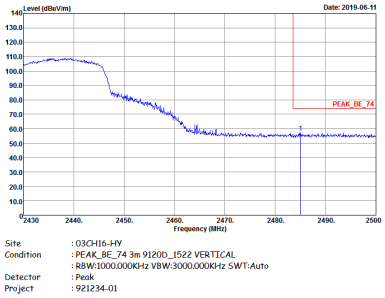
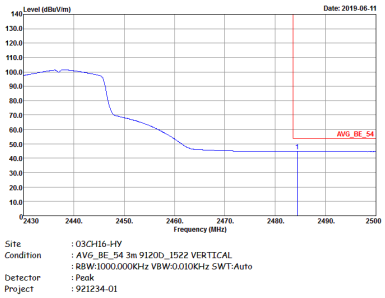
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 16.5	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 16.5
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 16.5	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 16.5

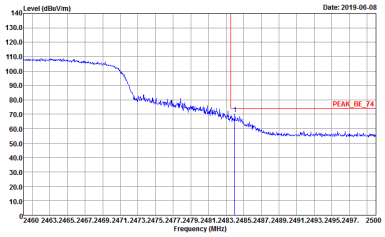
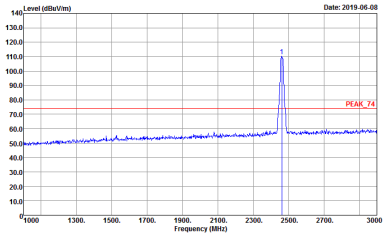
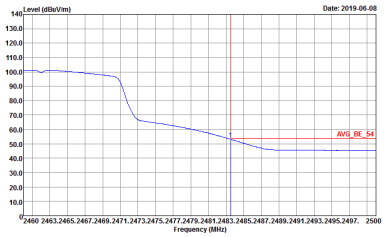
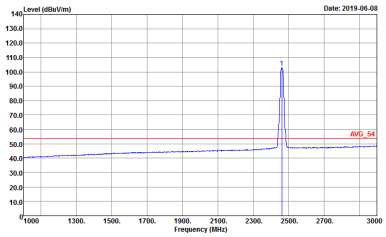
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_8E_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 16.5	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 16.5
Avg.	 Site : 03CH16-HY Condition : AVG_8E_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 16.5	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 16.5

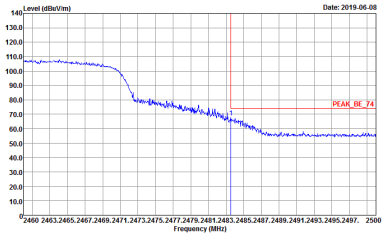
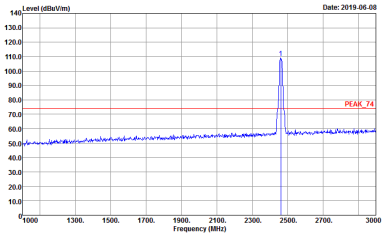
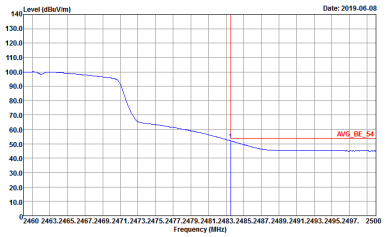
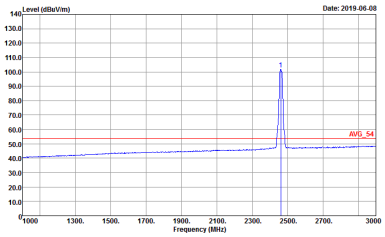
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_8E_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01
Avg.	 Site : 03CH16-HY Condition : AVG_8E_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01

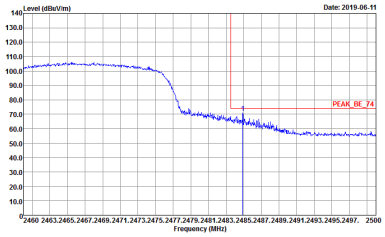
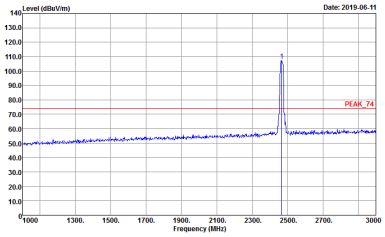
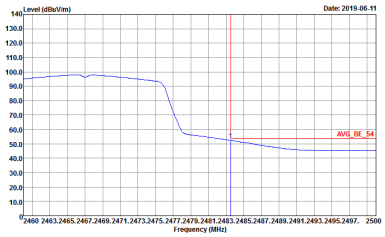
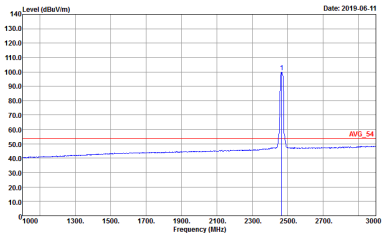
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

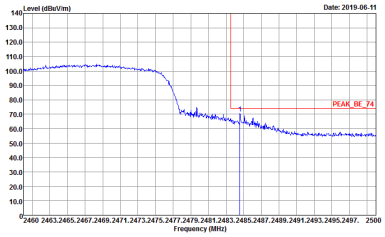
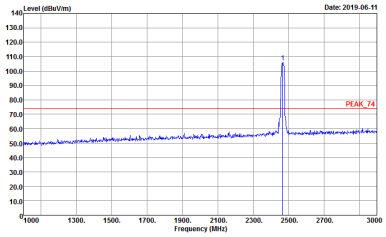
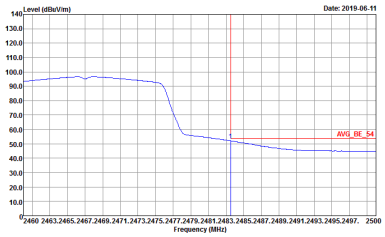
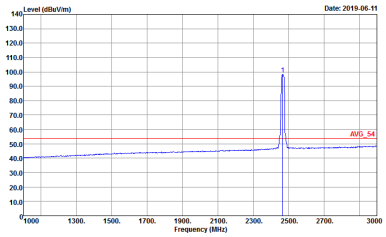
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_8E_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01
Avg.	 Site : 03CH16-HY Condition : AVG_8E_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
2	Vertical	Fundamental
Peak		Left Blank
Avg.		Left Blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 16.5	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 16.5
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 16.5	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 16.5

WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 16.5	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 16.5
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 16.5	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 16.5

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH12 2467MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 13.5	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 13.5
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 13.5	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 13.5

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH12 2467MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 13.5	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 13.5
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 13.5	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 921234-01 Setting : 13.5