



FCC RADIO TEST REPORT

FCC ID : PPD-QCNFA435
Equipment : Single Stream 802.11a/b/g/n/ac + BT 4.1 M.2 Type Card
Brand Name : Qualcomm Atheros
Model Name : QCNFA435
Applicant : Qualcomm Atheros, Inc
1700 Technology Drive, San Jose, CA 95110
Manufacturer : Qualcomm Atheros, Inc
1700 Technology Drive, San Jose, CA 95110
Standard : FCC Part 15 Subpart E §15.407

The product was received on Jun. 27, 2018 and testing was started from Jul. 24, 2018 and completed on Aug. 27, 2018. We, SPORTON INTERNATIONAL INC., 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 partial 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
FR862732D	01	Initial issue of report	Aug. 30, 2018



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.407(a)	Maximum Conducted Output Power	Pass	-
3.2	15.407(b)	Unwanted Emissions	Pass	Under limit 0.38 dB at 5726.120 MHz
3.3	15.203 15.407(a)	Antenna Requirement	Pass	-

Reviewed by: Joseph Lin

Report Producer: Yimin Ho

1 General Description

1.1 Product Feature of Equipment Under Test

Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac, and Wi-Fi 5GHz 802.11a/n/ac

Product Specification subjective to this standard	
Sample 1	EUT with Host 1
Sample 2	EUT with Host 2

The product was installed into Portable Computer (Brand Name: DELL, Model Name: P77F) during test, and the host information was recorded in the following table.

Host Information	
Host 1	Host with WNC Antenna
Host 2	Host with HB Antenna

Antenna Information								
Mode	Manufacturer	Antenna type	Antenna	2.4G	5G B1	5G B2	5G B3	5G B4
Notebook	HB	PIFA	1(main)	0.72	-2.24	-3.79	-0.4	0.84
			2(aux)	-2.07	-4.02	-2.29	0.98	0.98
	WNC	PIFA	1(main)	-3.86	-1.92	-0.86	-3.04	-2.23
			2(aux)	-3.88	-3.41	-3.03	-0.97	-0.97

1.2 Modification of EUT

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

1.3 Testing Location

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code : 1190) and the FCC designation No. TW1190 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC Test.

Test Site	SPORTON INTERNATIONAL INC.	
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	03CH07-HY

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

1.4 Applicable Standards

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

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ ANSI C63.10-2013

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

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42 [#]	5210		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58 [#]	5290		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106 [#]	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700



Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
TDWR Channel	118*	5590	124	5620
	120	5600	126*	5630
	122 [#]	5610	128	5640

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
Straddle Channel	138 [#]	5690	144	5720
	142*	5710		

Note:

1. The above Frequency and Channel in "*" were 802.11n HT40 and 802.11ac VHT40.
2. The above Frequency and Channel in "[#]" were 802.11ac VHT80.

2.2 Test Mode

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

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

Remark:

1. For Radiated Test Cases, the tests were performed with Adapter 1.
2. The test configuration was designated by manufacturer.

<Sample 1>

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	-	-	116
H	High	-	64	140
Straddle		-	-	144

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	-	52	100
M	Middle	-	-	116
H	High	-	64	140
Straddle		-	-	144

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	-	102
M	Middle	-	-	-
H	High	-	62	134
Straddle		-	-	142

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT20	802.11ac VHT20	802.11ac VHT20
L	Low	-	52	100
M	Middle	-	-	116
H	High	-	64	140
Straddle		-	-	144

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT40	802.11ac VHT40	802.11ac VHT40
L	Low	38	-	102
M	Middle	-	-	-
H	High	-	62	134
Straddle		-	-	142

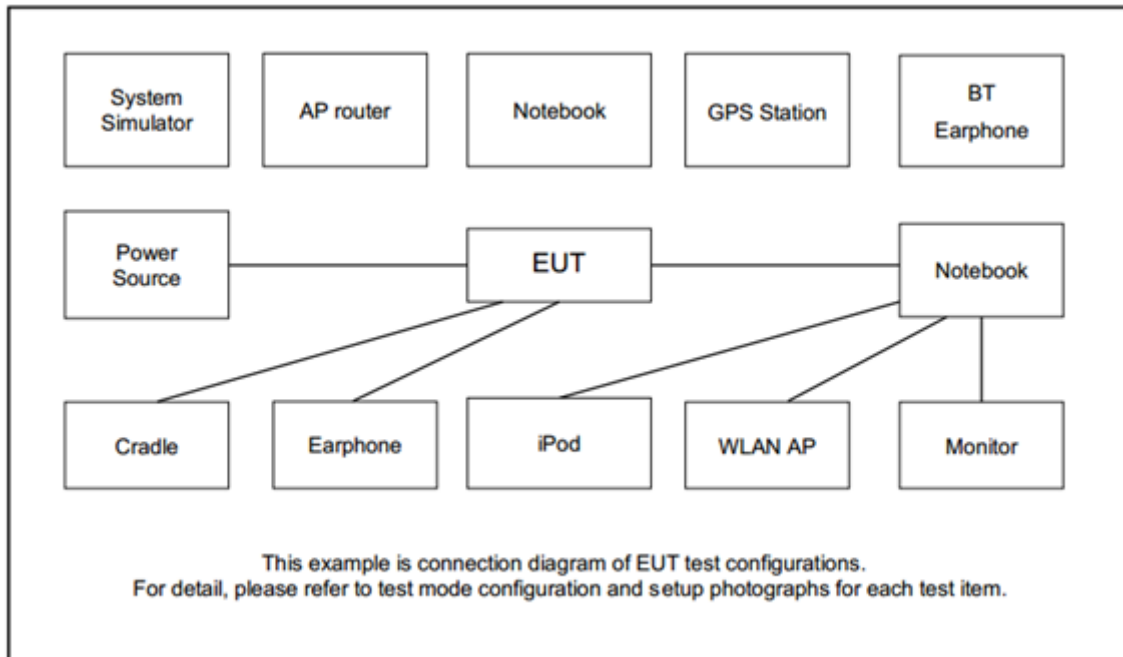
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	122
H	High	-	-	-
Straddle		-	-	138

<Sample 2>

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	-	-	-
M	Middle	-	-	-
H	High	-	-	140
Straddle		-	-	-

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	-	-
M	Middle	-	-	-
H	High	-	62	-
Straddle		-	-	-

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “QRCT” was installed in Portable Computer 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.

3 Test Result

3.1 Maximum Conducted Output Power Measurement

3.1.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

- For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

For the 5.25–5.725 GHz bands:

- The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

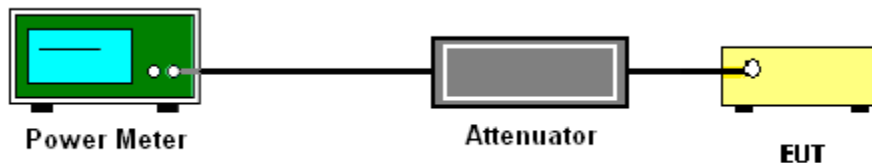
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM (Measurement using an RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
3. Measure the average power of the transmitter, and the average power is corrected with duty factor, $10 \log(1/x)$, where x is the duty cycle.

For Straddle Channel, according to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, if the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

3.1.4 Test Setup



3.1.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.2 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.2.1 Limit of Unwanted Emissions

- (1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27dBm/MHz.

For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.

For transmitters operating in the 5470-5600 MHz and 5650-5725MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725MHz band shall not exceed an EIRP of -27 dBm/MHz.

- (2) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as below table,

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

Note: The following formula is used to convert the EIRP to field strength.

$$E = \frac{1000000\sqrt{30P}}{3} \text{ } \mu\text{V/m, where P is the eirp (Watts)}$$

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.3

(3) KDB789033 D02 v02r01 G)2)c)

- (i) Section 15.407(b)(1) to (b)(3) specify the unwanted emission limits for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.³
- (ii) Section 15.407(b)(4) specifies the unwanted emission limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are in terms of a Peak detector. An alternative to the band emissions mask is specified in Section 15.407(b)(4)(ii). The alternative limits are based on the highest antenna gain specified in the filing. There are also marketing and importation restrictions for the devices using the alternative limit.⁴

Note 3: An out-of-band emission that complies with both the average and peak limits of Section 15.209 is not required to satisfy the -27 dBm/MHz peak emission limit.

Note 4: Only devices with antenna gains of 10 dBi or less may be approved using the emission limits specified in Section 15.247(d) till March 2, 2018; all other devices operating in this band must use the mask specified in Section 15.407(b)(4)(i).

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

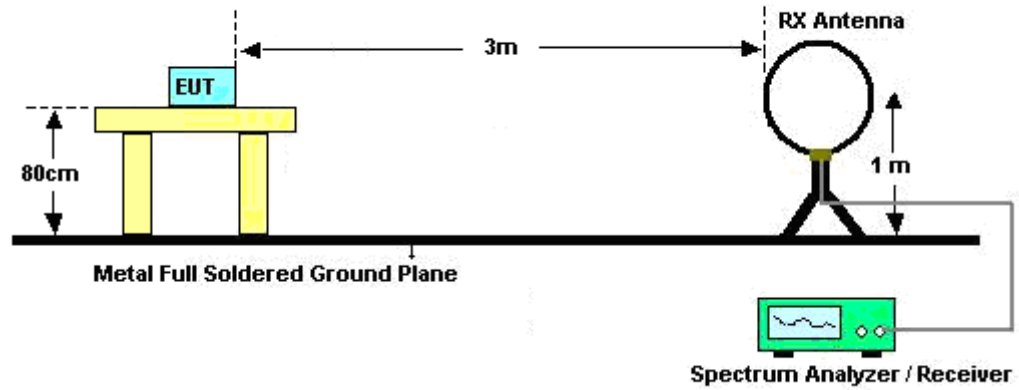
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW ≥ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold

(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

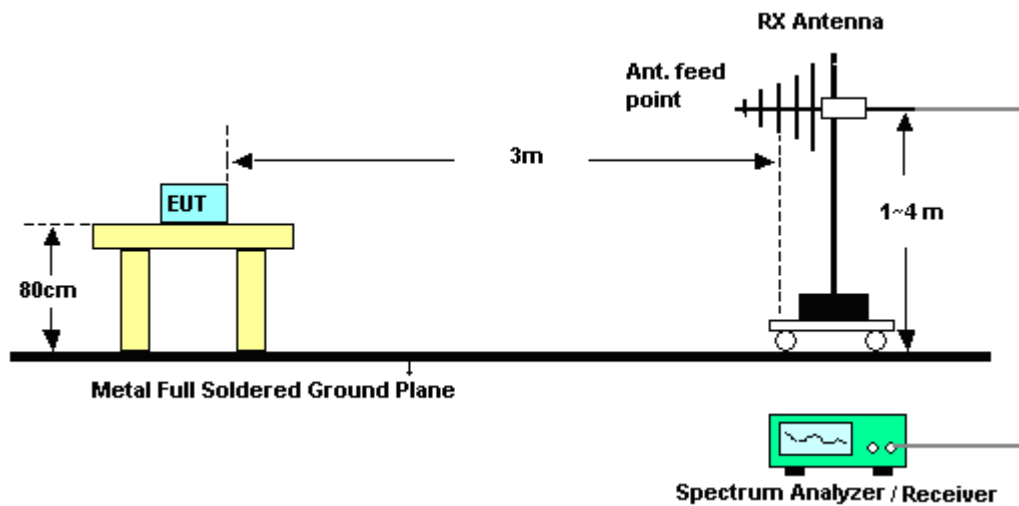
- RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. 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.
 3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
 4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
 5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
 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.

3.2.4 Test Setup

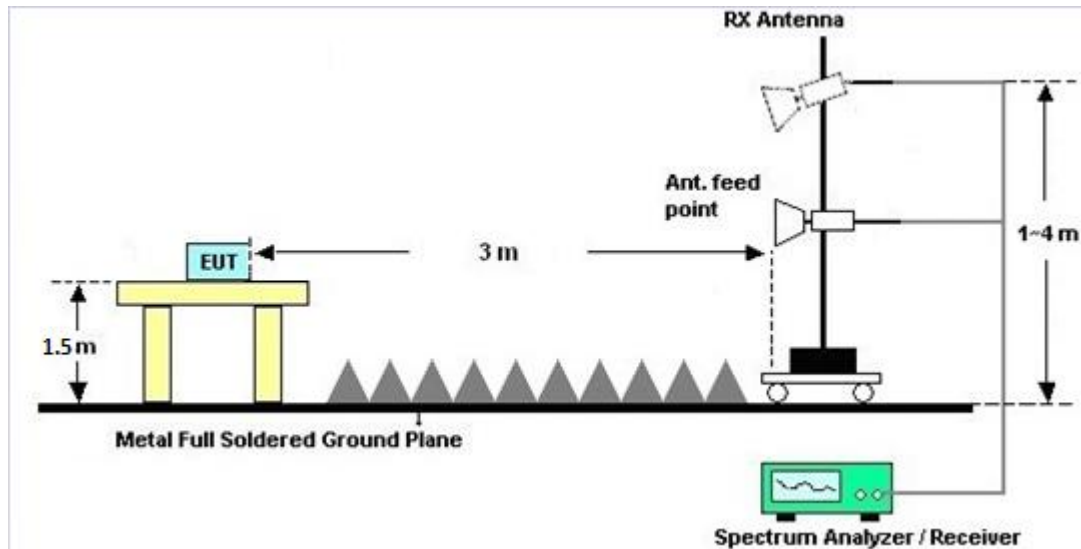
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

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

3.2.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B and C.

3.2.7 Duty Cycle

Please refer to Appendix D.

3.2.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix B and C.



3.3 Antenna Requirements

3.3.1 Standard Applicable

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.3.3 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 Meter	Anritsu	ML2495A	0932001	N/A	Sep. 26, 2017	Jul. 25, 2018 ~ Aug. 27, 2018	Sep. 25, 2018	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	0846202	300MHz~40GHz	Sep. 26, 2017	Jul. 25, 2018 ~ Aug. 27, 2018	Sep. 25, 2018	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP30	101067	9kHz ~ 30GHz	Nov. 13, 2017	Jul. 25, 2018 ~ Aug. 27, 2018	Nov. 12, 2018	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1300484	N/A	Mar. 01, 2018	Jul. 25, 2018 ~ Aug. 27, 2018	Feb. 28, 2019	Conducted (TH05-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	35419&03	30MHz to 1GHz	Dec. 18, 2017	Jul. 24, 2018 ~ Aug. 27, 2018	Dec. 17, 2018	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Aug. 23, 2017	Jul. 24, 2018 ~ Aug. 27, 2018	Aug. 22, 2018	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Nov. 10, 2017	Jul. 24, 2018 ~ Aug. 27, 2018	Nov. 09, 2018	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz ~ 18GHz	Apr. 25, 2018	Jul. 24, 2018 ~ Aug. 27, 2018	Apr. 24, 2019	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz-1GHz	May 21, 2018	Jul. 24, 2018 ~ Aug. 27, 2018	May 20, 2019	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~ 26.5GHz	Oct. 30, 2017	Jul. 24, 2018 ~ Aug. 27, 2018	Oct. 29, 2018	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Apr. 17, 2018	Jul. 24, 2018 ~ Aug. 27, 2018	Apr. 16, 2019	Radiation (03CH07-HY)
Filter	Wainwright	WLKS1200-8 SS	SN3	1.2G Low Pass	Nov. 21, 2017	Jul. 24, 2018 ~ Aug. 27, 2018	Nov. 20, 2018	Radiation (03CH07-HY)
Filter	Microwave	H3G018G1	SN477220	3.0G High Pass	Nov. 21, 2017	Jul. 24, 2018 ~ Aug. 27, 2018	Nov. 20, 2018	Radiation (03CH07-HY)
Filter	Microwave	WHKX7.0/26. 5G-6SS	SN4	7G High Pass	Nov. 21, 2017	Jul. 24, 2018 ~ Aug. 27, 2018	Nov. 20, 2018	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971/4,M Y28655/4	9KHz~30MHz	Jan. 02, 2018	Jul. 24, 2018 ~ Aug. 27, 2018	Jan. 01, 2019	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4, MY24971/4, MY15682/4	30MHz~1GHz	Feb. 27, 2018	Jul. 24, 2018 ~ Aug. 27, 2018	Feb. 26, 2019	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4, MY24971/4, MY15682/4	1GHz~18GHz	Feb. 27, 2018	Jul. 24, 2018 ~ Aug. 27, 2018	Feb. 26, 2019	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 27, 2018	Jul. 24, 2018 ~ Aug. 27, 2018	Feb. 26, 2019	Radiation (03CH07-HY)
Antenna Mast	Max-Full	MFA520BS	N/A	1m~4m	N/A	Jul. 24, 2018 ~ Aug. 27, 2018	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Jul. 24, 2018 ~ Aug. 27, 2018	N/A	Radiation (03CH07-HY)
Amplifier	MITEQ	TTA1840-35- HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 16, 2018	Jul. 24, 2018 ~ Aug. 27, 2018	Jul. 15, 2019	Radiation (03CH07-HY)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz- 40GHz	Nov. 10, 2017	Jul. 24, 2018 ~ Aug. 27, 2018	Nov. 09, 2018	Radiation (03CH07-HY)
EMI Test Receiver	Agilent	N9038A (MXE)	MY53290053	20Hz to 26.5GHz	Jan. 16, 2018	Jul. 24, 2018 ~ Aug. 27, 2018	Jan. 15, 2019	Radiation (03CH07-HY)
Software	Audix	E3 6.2009-8-24	80504004656 H	N/A	N/A	Jul. 24, 2018 ~ Aug. 27, 2018	N/A	Radiation (03CH07-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.7
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.5
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Luffy Lin	Temperature:	21~25	°C
Test Date:	2018/07/25 ~ 2018/08/27	Relative Humidity:	51~54	%

TEST RESULTS DATA
Average Power Table

FCC Band I														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	0.29	-	13.49	-		24.00	-	-2.24	-	Pass
11a	6Mbps	1	44	5220	0.29	-	14.94	-		24.00	-	-2.24	-	Pass
11a	6Mbps	1	48	5240	0.29	-	14.76	-		24.00	-	-2.24	-	Pass
HT20	MCS0	1	36	5180	0.29	-	13.49	-		24.00	-	-2.24	-	Pass
HT20	MCS0	1	44	5220	0.29	-	14.95	-		24.00	-	-2.24	-	Pass
HT20	MCS0	1	48	5240	0.29	-	14.69	-		24.00	-	-2.24	-	Pass
HT40	MCS0	1	38	5190	0.48	-	9.83	-		24.00	-	-2.24	-	Pass
HT40	MCS0	1	46	5230	0.48	-	13.99	-		24.00	-	-2.24	-	Pass
VHT20	MCS0	1	36	5180	0.26	-	13.46	-		24.00	-	-2.24	-	Pass
VHT20	MCS0	1	44	5220	0.26	-	14.97	-		24.00	-	-2.24	-	Pass
VHT20	MCS0	1	48	5240	0.26	-	14.70	-		24.00	-	-2.24	-	Pass
VHT40	MCS0	1	38	5190	0.47	-	9.87	-		24.00	-	-2.24	-	Pass
VHT40	MCS0	1	46	5230	0.47	-	13.98	-		24.00	-	-2.24	-	Pass
VHT80	MCS0	1	42	5210	0.61	-	11.56	-		24.00	-	-2.24	-	Pass

TEST RESULTS DATA
Average Power Table

FCC Band II														
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1		
11a	6Mbps	1	52	5260	0.29	14.87	-		23.98	-	-2.24	-	26.99	Pass
11a	6Mbps	1	60	5300	0.29	14.71	-		23.98	-	-2.24	-	26.99	Pass
11a	6Mbps	1	64	5320	0.29	13.99	-		23.98	-	-2.24	-	26.99	Pass
HT20	MCS0	1	52	5260	0.29	14.75	-		23.98	-	-2.24	-	26.99	Pass
HT20	MCS0	1	60	5300	0.29	14.80	-		23.98	-	-2.24	-	26.99	Pass
HT20	MCS0	1	64	5320	0.29	12.90	-		23.98	-	-2.24	-	26.99	Pass
HT40	MCS0	1	54	5270	0.48	13.98	-		23.98	-	-2.24	-	26.99	Pass
HT40	MCS0	1	62	5310	0.48	10.98	-		23.98	-	-2.24	-	26.99	Pass
VHT20	MCS0	1	52	5260	0.26	14.79	-		23.98	-	-2.24	-	26.99	Pass
VHT20	MCS0	1	60	5300	0.26	14.84	-		23.98	-	-2.24	-	26.99	Pass
VHT20	MCS0	1	64	5320	0.26	13.01	-		23.98	-	-2.24	-	26.99	Pass
VHT40	MCS0	1	54	5270	0.47	13.97	-		23.98	-	-2.24	-	26.99	Pass
VHT40	MCS0	1	62	5310	0.47	11.01	-	23.98	-	-2.24	-	26.99	Pass	
VHT80	MCS0	1	58	5290	0.61	9.95	-	23.98	-	-2.24	-	26.99	Pass	

TEST RESULTS DATA
Average Power Table

FCC Band III															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	
						Ant 1	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1			Ant 2
11a	6Mbps	1	100	5500	0.29	12.97	-		23.98	-	0.98	-	26.99	Pass	
11a	6Mbps	1	116	5580	0.29	14.83	-		23.98	-	0.98	-	26.99	Pass	
11a	6Mbps	1	140	5700	0.29	12.47	-		23.98	-	0.98	-	26.99	Pass	
11a	6Mbps	1	144	5720	0.29	14.93	-		23.98	-	0.98	-	26.99	Pass	
HT20	MCS0	1	100	5500	0.29	12.80	-		23.98	-	0.98	-	26.99	Pass	
HT20	MCS0	1	116	5580	0.29	14.77	-		23.98	-	0.98	-	26.99	Pass	
HT20	MCS0	1	140	5700	0.29	12.79	-		23.98	-	0.98	-	26.99	Pass	
HT20	MCS0	1	144	5720	0.29	14.80	-		23.98	-	0.98	-	26.99	Pass	
HT40	MCS0	1	102	5510	0.48	10.82	-		23.98	-	0.98	-	26.99	Pass	
HT40	MCS0	1	110	5550	0.48	13.98	-		23.98	-	0.98	-	26.99	Pass	
HT40	MCS0	1	134	5670	0.48	13.30	-		23.98	-	0.98	-	26.99	Pass	
HT40	MCS0	1	142	5710	0.48	13.98	-		23.98	-	0.98	-	26.99	Pass	
VHT20	MCS0	1	100	5500	0.26	12.82	-		23.98	-	0.98	-	26.99	Pass	
VHT20	MCS0	1	116	5580	0.26	14.79	-		23.98	-	0.98	-	26.99	Pass	
VHT20	MCS0	1	140	5700	0.26	12.76	-		23.98	-	0.98	-	26.99	Pass	
VHT20	MCS0	1	144	5720	0.26	14.82	-		23.98	-	0.98	-	26.99	Pass	
VHT40	MCS0	1	102	5510	0.47	10.88	-		23.98	-	0.98	-	26.99	Pass	
VHT40	MCS0	1	110	5550	0.47	13.97	-		23.98	-	0.98	-	26.99	Pass	
VHT40	MCS0	1	134	5670	0.47	13.33	-		23.98	-	0.98	-	26.99	Pass	
VHT40	MCS0	1	142	5710	0.47	13.97	-		23.98	-	0.98	-	26.99	Pass	
VHT80	MCS0	1	106	5530	0.61	9.98	-	23.98	-	0.98	-	26.99	Pass		
VHT80	MCS0	1	122	5610	0.61	13.91	-	23.98	-	0.98	-	26.99	Pass		
VHT80	MCS0	1	138	5690	0.61	13.93	-	23.98	-	0.98	-	26.99	Pass		



Appendix B. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Stan Hsieh, and Ken Wu	Temperature :	22~24°C
		Relative Humidity :	52~54%

<For Sample 1>

Band 1 - 5150~5250MHz

WIFI 802.11a (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.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5148.2	59.78	-14.22	74	49.48	34.41	11.03	35.14	370	188	P	H
		5150	52.74	-1.26	54	42.44	34.41	11.03	35.14	370	188	A	H
	*	5180	114.32	-	-	103.97	34.46	11.03	35.14	370	188	P	H
	*	5180	106.39	-	-	96.04	34.46	11.03	35.14	370	188	A	H
													H
													H
		5147.16	55.36	-18.64	74	45.06	34.41	11.03	35.14	345	231	P	V
		5149.76	48.37	-5.63	54	38.07	34.41	11.03	35.14	345	231	A	V
	*	5180	107.51	-	-	97.16	34.46	11.03	35.14	345	231	P	V
	*	5180	99.8	-	-	89.45	34.46	11.03	35.14	345	231	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5138.32	61.17	-12.83	74	50.96	34.39	10.96	35.14	370	189	P	H
		5150	53	-1	54	42.7	34.41	11.03	35.14	370	189	A	H
	*	5190	106.22	-	-	95.8	34.46	11.1	35.14	370	189	P	H
	*	5190	98.22	-	-	87.8	34.46	11.1	35.14	370	189	A	H
		5449.36	51.93	-22.07	74	41.06	34.83	11.2	35.16	370	189	P	H
		5396.16	41.17	-12.83	54	30.41	34.76	11.15	35.15	370	189	A	H
		5143.26	60.19	-13.81	74	49.89	34.41	11.03	35.14	266	166	P	V
		5149.76	47.78	-6.22	54	37.48	34.41	11.03	35.14	266	166	A	V
	*	5190	100.2	-	-	89.78	34.46	11.1	35.14	266	166	P	V
	*	5190	91.34	-	-	80.92	34.46	11.1	35.14	266	166	A	V
		5378.24	49.43	-24.57	74	38.7	34.74	11.14	35.15	266	166	P	V
		5434.52	41.19	-12.81	54	30.34	34.81	11.2	35.16	266	166	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 38 5190MHz		5146.38	62.74	-11.26	74	52.44	34.41	11.03	35.14	370	189	P	H
		5150	52.77	-1.23	54	42.47	34.41	11.03	35.14	370	189	A	H
	*	5190	106.52	-	-	96.1	34.46	11.1	35.14	370	189	P	H
	*	5190	98.18	-	-	87.76	34.46	11.1	35.14	370	189	A	H
		5449.64	50.85	-23.15	74	39.98	34.83	11.2	35.16	370	189	P	H
		5443.48	41.05	-12.95	54	30.2	34.81	11.2	35.16	370	189	A	H
		5148.98	62.42	-11.58	74	52.12	34.41	11.03	35.14	266	166	P	V
		5149.5	48.61	-5.39	54	38.31	34.41	11.03	35.14	266	166	A	V
	*	5190	99.79	-	-	89.37	34.46	11.1	35.14	266	166	P	V
	*	5190	91.32	-	-	80.9	34.46	11.1	35.14	266	166	A	V
		5436.76	50.29	-23.71	74	39.44	34.81	11.2	35.16	266	166	P	V
		5449.92	40.85	-13.15	54	29.98	34.83	11.2	35.16	266	166	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5141.7	59.74	-14.26	74	49.06	34.79	11.03	35.14	352	187	P	H
		5144.82	51.57	-2.43	54	40.89	34.79	11.03	35.14	352	187	A	H
	*	5210	102.07	-	-	91.28	34.83	11.1	35.14	352	187	P	H
	*	5210	94.4	-	-	83.61	34.83	11.1	35.14	352	187	A	H
		5433.4	50.99	-23.01	74	39.99	34.96	11.2	35.16	352	187	P	H
		5350	42.05	-11.95	54	31.15	34.91	11.14	35.15	352	187	A	H
		5120.38	52.68	-21.32	74	42.09	34.77	10.96	35.14	380	226	P	V
		5137.54	44.53	-9.47	54	33.93	34.78	10.96	35.14	380	226	A	V
	*	5210	96.81	-	-	86.02	34.83	11.1	35.14	380	226	P	V
	*	5210	89.06	-	-	78.27	34.83	11.1	35.14	380	226	A	V
		5415.2	49.35	-24.65	74	38.41	34.95	11.15	35.16	380	226	P	V
		5352.48	40.97	-13.03	54	30.07	34.91	11.14	35.15	380	226	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz	*	5320	113.13	-	-	102.51	34.64	11.13	35.15	369	184	P	H
	*	5320	104.38	-	-	93.76	34.64	11.13	35.15	369	184	A	H
		5361.28	64.16	-9.84	74	53.46	34.71	11.14	35.15	369	184	P	H
		5350.4	53.32	-0.68	54	42.64	34.69	11.14	35.15	369	184	P	H
													H
													H
	*	5320	107.52	-	-	96.9	34.64	11.13	35.15	287	157	P	V
	*	5320	99.32	-	-	88.7	34.64	11.13	35.15	287	157	A	V
		5350.4	58.19	-15.81	74	47.51	34.69	11.14	35.15	287	157	P	V
		5350.08	50.13	-3.87	54	39.45	34.69	11.14	35.15	287	157	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 2 5250~5350MHz****WIFI 802.11a (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	51.58	-16.62	68.2	56.24	37.32	17.2	59.18	100	0	P	H
		15780	50.2	-23.8	74	45.5	40.62	20.62	56.54	100	0	P	H
													H
													H
		10520	54.75	-13.45	68.2	59.41	37.32	17.2	59.18	100	0	P	V
		15780	49.63	-24.37	74	44.93	40.62	20.62	56.54	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 64 5320MHz	*	5320	112.18	-	-	101.56	34.64	11.13	35.15	370	185	P	H
	*	5320	104.02	-	-	93.4	34.64	11.13	35.15	370	185	A	H
		5352.64	61.41	-12.59	74	50.73	34.69	11.14	35.15	370	185	P	H
		5350.24	53.31	-0.69	54	42.63	34.69	11.14	35.15	370	185	A	H
													H
													H
	*	5320	106.22	-	-	95.6	34.64	11.13	35.15	301	156	P	V
	*	5320	98.12	-	-	87.5	34.64	11.13	35.15	301	156	A	V
		5356.32	63.95	-10.05	74	53.27	34.69	11.14	35.15	301	156	P	V
		5350.08	51.07	-2.93	54	40.39	34.69	11.14	35.15	301	156	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		10520	51.58	-16.62	68.2	56.24	37.32	17.2	59.18	100	0	P	H
		15780	50.04	-23.96	74	45.34	40.62	20.62	56.54	100	0	P	H
													H
													H
		10520	55.79	-12.41	68.2	60.45	37.32	17.2	59.18	100	0	P	V
		15780	49.93	-24.07	74	45.23	40.62	20.62	56.54	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 62 5310MHz		5119	54.3	-19.7	74	44.12	34.36	10.96	35.14	353	184	P	H
		5131.95	41.42	-12.58	54	31.21	34.39	10.96	35.14	353	184	A	H
	*	5310	106.83	-	-	96.21	34.64	11.13	35.15	353	184	P	H
	*	5310	98.64	-	-	88.02	34.64	11.13	35.15	353	184	A	H
		5353.68	63.59	-10.41	74	52.91	34.69	11.14	35.15	353	184	P	H
		5350.08	53.41	-0.59	54	42.73	34.69	11.14	35.15	353	184	P	H
		5039.9	49.33	-24.67	74	39.36	34.27	10.83	35.13	290	160	P	V
		5078.4	40.59	-13.41	54	30.5	34.32	10.9	35.13	290	160	A	V
	*	5310	102.25	-	-	91.63	34.64	11.13	35.15	290	160	P	V
	*	5310	93.75	-	-	83.13	34.64	11.13	35.15	290	160	A	V
		5350.32	59.75	-14.25	74	49.07	34.69	11.14	35.15	290	160	P	V
		5350.08	52.5	-1.5	54	41.82	34.69	11.14	35.15	290	160	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 52 5260MHz		5121.45	49.47	-24.53	74	39.29	34.36	10.96	35.14	380	188	P	H
		5111.65	41.06	-12.94	54	30.88	34.36	10.96	35.14	380	188	A	H
	*	5260	113.34	-	-	102.81	34.57	11.11	35.15	380	188	P	H
	*	5260	105.14	-	-	94.61	34.57	11.11	35.15	380	188	A	H
		5354.4	52.94	-21.06	74	42.26	34.69	11.14	35.15	380	188	P	H
		5360.4	44.73	-9.27	54	34.05	34.69	11.14	35.15	380	188	A	H
		5080.5	49.27	-24.73	74	39.18	34.32	10.9	35.13	330	220	P	V
		5136.85	40	-14	54	29.79	34.39	10.96	35.14	330	220	A	V
	*	5260	106.94	-	-	96.41	34.57	11.11	35.15	330	220	P	V
	*	5260	98.73	-	-	88.2	34.57	11.11	35.15	330	220	A	V
		5380.08	50.29	-23.71	74	39.55	34.74	11.15	35.15	330	220	P	V
		5358.72	41.57	-12.43	54	30.89	34.69	11.14	35.15	330	220	A	V
802.11ac VHT20 CH 64 5320MHz	*	5320	112.52	-	-	101.9	34.64	11.13	35.15	367	184	P	H
	*	5320	103.88	-	-	93.26	34.64	11.13	35.15	367	184	A	H
		5350.4	63.88	-10.12	74	53.2	34.69	11.14	35.15	367	184	P	H
		5350	53.08	-0.92	54	42.4	34.69	11.14	35.15	367	184	P	H
													H
													H
	*	5320	106.38	-	-	95.76	34.64	11.13	35.15	301	156	P	V
	*	5320	98.12	-	-	87.5	34.64	11.13	35.15	301	156	A	V
		5350.24	60.68	-13.32	74	50	34.69	11.14	35.15	301	156	P	V
		5350.4	50.43	-3.57	54	39.75	34.69	11.14	35.15	301	156	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

**Band 2 5250~5350MHz****WIFI 802.11ac VHT20 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 52 5260MHz		10520	52.05	-16.15	68.2	56.71	37.32	17.2	59.18	100	0	P	H
		15780	50.41	-23.59	74	45.71	40.62	20.62	56.54	100	0	P	H
													H
													H
		10520	55.27	-12.93	68.2	59.93	37.32	17.2	59.18	100	0	P	V
		15780	49.79	-24.21	74	45.09	40.62	20.62	56.54	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 62 5310MHz		5144.55	52.31	-21.69	74	42.01	34.41	11.03	35.14	375	184	P	H
		5144.9	42.57	-11.43	54	32.27	34.41	11.03	35.14	375	184	A	H
	*	5310	106.61	-	-	95.99	34.64	11.13	35.15	375	184	P	H
	*	5310	99.32	-	-	88.7	34.64	11.13	35.15	375	184	A	H
		5350.56	57.81	-16.19	74	47.13	34.69	11.14	35.15	375	184	P	H
		5350.32	51.59	-2.41	54	40.91	34.69	11.14	35.15	375	184	A	H
		5139.65	48.4	-25.6	74	38.17	34.41	10.96	35.14	278	160	P	V
		5113.05	40.71	-13.29	54	30.53	34.36	10.96	35.14	278	160	A	V
	*	5310	101.11	-	-	90.49	34.64	11.13	35.15	278	160	P	V
	*	5310	93.82	-	-	83.2	34.64	11.13	35.15	278	160	A	V
		5350.08	57.23	-16.77	74	46.55	34.69	11.14	35.15	278	160	P	V
		5350.8	49.45	-4.55	54	38.77	34.69	11.14	35.15	278	160	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5134.75	54.95	-19.05	74	44.74	34.39	10.96	35.14	380	185	P	H
		5147	44.85	-9.15	54	34.55	34.41	11.03	35.14	380	185	A	H
	*	5290	103.37	-	-	92.8	34.6	11.12	35.15	380	185	P	H
	*	5290	95.34	-	-	84.77	34.6	11.12	35.15	380	185	A	H
		5354.64	61.43	-12.57	74	50.75	34.69	11.14	35.15	380	185	P	H
		5368.08	51.95	-2.05	54	41.25	34.71	11.14	35.15	380	185	A	H
		5138.95	52.37	-21.63	74	42.16	34.39	10.96	35.14	282	164	P	V
		5149.8	42.21	-11.79	54	31.91	34.41	11.03	35.14	282	164	A	V
	*	5290	97.64	-	-	87.07	34.6	11.12	35.15	282	164	P	V
	*	5290	89.3	-	-	78.73	34.6	11.12	35.15	282	164	A	V
		5359.2	55.83	-18.17	74	45.15	34.69	11.14	35.15	282	164	P	V
		5350.56	48.37	-5.63	54	37.69	34.69	11.14	35.15	282	164	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 2 5250~5350MHz****WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		10580	49.36	-18.84	68.2	53.78	37.4	17.26	59.08	100	0	P	H
		15870	50.62	-23.38	74	45.76	40.7	20.68	56.52	100	0	P	H
													H
													H
		10580	49.81	-18.39	68.2	54.23	37.4	17.26	59.08	100	0	P	V
		15870	50.21	-23.79	74	45.35	40.7	20.68	56.52	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5459.9	61.67	-12.33	74	50.8	34.83	11.2	35.16	360	184	P	H
		5468.56	63.18	-5.02	68.2	52.24	34.85	11.25	35.16	360	184	P	H
		5459.76	46.31	-7.69	54	35.44	34.83	11.2	35.16	360	184	A	H
	*	5500	110.89	-	-	99.9	34.9	11.25	35.16	360	184	P	H
	*	5500	102.49	-	-	91.5	34.9	11.25	35.16	360	184	A	H
													H
		5450.64	55.13	-18.87	74	44.26	34.83	11.2	35.16	300	158	P	V
		5469.52	57.83	-10.37	68.2	46.89	34.85	11.25	35.16	300	158	P	V
		5459.76	44.6	-9.4	54	33.73	34.83	11.2	35.16	300	158	A	V
	*	5500	106.54	-	-	95.55	34.9	11.25	35.16	300	158	P	V
	*	5500	97.99	-	-	87	34.9	11.25	35.16	300	158	A	V
													V
802.11a CH 140 5700MHz	*	5700	112.76	-	-	101.33	35.17	11.46	35.2	372	180	P	H
	*	5700	104.33	-	-	92.9	35.17	11.46	35.2	372	180	A	H
		5726.44	67.4	-0.8	68.2	55.89	35.21	11.5	35.2	372	180	P	H
													H
													H
													H
	*	5700	107.17	-	-	95.74	35.17	11.46	35.2	243	171	P	V
	*	5700	98.95	-	-	87.52	35.17	11.46	35.2	243	171	A	V
		5727.4	65.98	-2.22	68.2	54.47	35.21	11.5	35.2	243	171	P	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

**Band 3 - 5470~5725MHz****WIFI 802.11a (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 116 5580MHz		11160	53.68	-20.32	74	55.69	38.07	18.02	58.1	314	252	P	H
		11160	44.68	-9.32	54	46.69	38.07	18.02	58.1	314	252	A	H
		16740	51.53	-16.67	68.2	44.24	41.94	21.36	56.01	100	0	P	H
													H
		11160	61.5	-12.5	74	63.51	38.07	18.02	58.1	120	130	P	V
		11160	51.21	-2.79	54	53.22	38.07	18.02	58.1	120	130	A	V
		16740	50.04	-18.16	68.2	42.75	41.94	21.36	56.01	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		5449.68	55.89	-18.11	74	45.02	34.83	11.2	35.16	360	183	P	H
		5461.52	62.81	-5.39	68.2	51.89	34.83	11.25	35.16	360	183	P	H
		5459.92	44.46	-9.54	54	33.59	34.83	11.2	35.16	360	183	A	H
	*	5500	109.89	-	-	98.9	34.9	11.25	35.16	360	183	P	H
	*	5500	101.79	-	-	90.8	34.9	11.25	35.16	360	183	A	H
													H
		5456.56	57.8	-16.2	74	46.93	34.83	11.2	35.16	300	158	P	V
		5461.2	61.47	-6.73	68.2	50.55	34.83	11.25	35.16	300	158	P	V
		5459.76	43.98	-10.02	54	33.11	34.83	11.2	35.16	300	158	A	V
	*	5500	105.8	-	-	94.81	34.9	11.25	35.16	300	158	P	V
	*	5500	97.49	-	-	86.5	34.9	11.25	35.16	300	158	A	V
													V
802.11n HT20 CH 140 5700MHz	*	5700	112.13	-	-	100.7	35.17	11.46	35.2	371	179	P	H
	*	5700	103.83	-	-	92.4	35.17	11.46	35.2	371	179	A	H
		5726.12	67.82	-0.38	68.2	56.31	35.21	11.5	35.2	371	179	P	H
													H
													H
													H
	*	5700	106.83	-	-	95.4	35.17	11.46	35.2	243	171	P	V
	*	5700	98.52	-	-	87.09	35.17	11.46	35.2	243	171	A	V
		5725.96	63.28	-4.92	68.2	51.77	35.21	11.5	35.2	243	171	P	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 116 5580MHz		11160	53.53	-20.47	74	55.54	38.07	18.02	58.1	315	252	P	H
		11160	44.17	-9.83	54	46.18	38.07	18.02	58.1	315	252	A	H
		16740	50.41	-17.79	68.2	43.12	41.94	21.36	56.01	100	0	P	H
													H
		11160	61.32	-12.68	74	63.33	38.07	18.02	58.1	120	131	P	V
		11160	51.09	-2.91	54	53.1	38.07	18.02	58.1	120	131	A	V
		16740	50.76	-17.44	68.2	43.47	41.94	21.36	56.01	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5403.52	58.27	-15.73	74	47.52	34.76	11.15	35.16	380	181	P	H
		5469.76	62.25	-5.95	68.2	51.31	34.85	11.25	35.16	380	181	P	H
		5459.92	44.03	-9.97	54	33.16	34.83	11.2	35.16	380	181	A	H
	*	5510	106.26	-	-	95.23	34.9	11.3	35.17	380	181	P	H
	*	5510	98.61	-	-	87.58	34.9	11.3	35.17	380	181	A	H
		5732.87	49.88	-18.32	68.2	38.38	35.21	11.5	35.21	380	181	P	H
		5453.92	55.01	-18.99	74	44.14	34.83	11.2	35.16	300	158	P	V
		5463.76	62	-6.2	68.2	51.06	34.85	11.25	35.16	300	158	P	V
		5459.68	44.33	-9.67	54	33.46	34.83	11.2	35.16	300	158	A	V
	*	5510	100.79	-	-	89.76	34.9	11.3	35.17	300	158	P	V
	*	5510	93.51	-	-	82.48	34.9	11.3	35.17	300	158	A	V
		5727.83	51.38	-16.82	68.2	39.87	35.21	11.5	35.2	300	158	P	V
802.11n HT40 CH 134 5670MHz		5366.8	51.98	-22.02	74	41.28	34.71	11.14	35.15	378	179	P	H
		5466.55	47.71	-20.49	68.2	36.77	34.85	11.25	35.16	378	179	P	H
		5411.25	40.81	-13.19	54	30.06	34.76	11.15	35.16	378	179	A	H
	*	5670	109.32	-	-	97.91	35.14	11.46	35.19	378	179	P	H
	*	5670	101.51	-	-	90.1	35.14	11.46	35.19	378	179	A	H
		5758.525	59.24	-8.96	68.2	47.67	35.26	11.53	35.22	378	179	P	H
		5352.45	49.03	-24.97	74	38.35	34.69	11.14	35.15	234	157	P	V
		5464.8	49.62	-18.58	68.2	38.68	34.85	11.25	35.16	234	157	P	V
		5414.75	40.3	-13.7	54	29.53	34.78	11.15	35.16	234	157	A	V
	*	5670	105.85	-	-	94.44	35.14	11.46	35.19	234	157	P	V
	*	5670	97.59	-	-	86.18	35.14	11.46	35.19	234	157	A	V
		5729.3	57.07	-11.13	68.2	45.56	35.21	11.5	35.2	234	157	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 100 5500MHz		5457.2	53.4	-20.6	74	42.53	34.83	11.2	35.16	380	183	P	H
		5468.88	56.03	-12.17	68.2	45.09	34.85	11.25	35.16	380	183	P	H
		5400.72	44.77	-9.23	54	34.02	34.76	11.15	35.16	380	183	A	H
	*	5500	110.65	-	-	99.66	34.9	11.25	35.16	380	183	P	H
	*	5500	102.89	-	-	91.9	34.9	11.25	35.16	380	183	A	H
													H
		5458.96	51.81	-22.19	74	40.94	34.83	11.2	35.16	299	159	P	V
		5460.4	57.76	-10.44	68.2	46.84	34.83	11.25	35.16	299	159	P	V
		5458.64	43.34	-10.66	54	32.47	34.83	11.2	35.16	299	159	A	V
	*	5500	106.26	-	-	95.27	34.9	11.25	35.16	299	159	P	V
	*	5500	98.48	-	-	87.49	34.9	11.25	35.16	299	159	A	V
													V
802.11ac VHT20 CH 140 5700MHz	*	5700	112.23	-	-	100.8	35.17	11.46	35.2	336	180	P	H
	*	5700	104.68	-	-	93.25	35.17	11.46	35.2	336	180	A	H
		5725.88	66.98	-1.22	68.2	55.47	35.21	11.5	35.2	336	180	P	H
													H
													H
													H
	*	5700	106.6	-	-	95.17	35.17	11.46	35.2	232	157	P	V
	*	5700	99.02	-	-	87.59	35.17	11.46	35.2	232	157	A	V
		5726.36	61.93	-6.27	68.2	50.42	35.21	11.5	35.2	232	157	P	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

**Band 3 - 5470~5725MHz****WIFI 802.11ac VHT20 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 116 5580MHz		11160	49.78	-24.22	74	51.79	38.07	18.02	58.1	100	0	P	H
		16740	50.87	-17.33	68.2	43.58	41.94	21.36	56.01	100	0	P	H
													H
													H
		11160	60.98	-13.02	74	62.99	38.07	18.02	58.1	120	131	P	V
		11160	50.95	-3.05	54	52.96	38.07	18.02	58.1	120	131	A	V
		16740	50.55	-17.65	68.2	43.26	41.94	21.36	56.01	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 102 5510MHz		5406.16	57.19	-16.81	74	46.44	34.76	11.15	35.16	380	181	P	H
		5470	60.87	-7.33	68.2	49.93	34.85	11.25	35.16	380	181	P	H
		5457.28	44.88	-9.12	54	34.01	34.83	11.2	35.16	380	181	A	H
	*	5510	106.14	-	-	95.11	34.9	11.3	35.17	380	181	P	H
	*	5510	98.47	-	-	87.44	34.9	11.3	35.17	380	181	A	H
		5735.705	50.6	-17.6	68.2	39.07	35.24	11.5	35.21	380	181	P	H
		5459.92	57.07	-16.93	74	46.2	34.83	11.2	35.16	300	158	P	V
		5466.4	61.32	-6.88	68.2	50.38	34.85	11.25	35.16	300	158	P	V
		5459.2	45.56	-8.44	54	34.69	34.83	11.2	35.16	300	158	A	V
	*	5510	100.58	-	-	89.55	34.9	11.3	35.17	300	158	P	V
	*	5510	93.21	-	-	82.18	34.9	11.3	35.17	300	158	A	V
		5764.685	50.41	-17.79	68.2	38.84	35.26	11.53	35.22	300	158	P	V
802.11ac VHT40 CH 134 5670MHz		5440.65	51.93	-22.07	74	41.08	34.81	11.2	35.16	376	180	P	H
		5467.25	48.77	-19.43	68.2	37.83	34.85	11.25	35.16	376	180	P	H
		5416.85	42.85	-11.15	54	32.08	34.78	11.15	35.16	376	180	A	H
	*	5670	109.71	-	-	98.3	35.14	11.46	35.19	376	180	P	H
	*	5670	101.89	-	-	90.48	35.14	11.46	35.19	376	180	A	H
		5725.1	61.59	-6.61	68.2	50.08	35.21	11.5	35.2	376	180	P	H
		5431.9	50.23	-23.77	74	39.38	34.81	11.2	35.16	234	157	P	V
		5467.95	49.18	-19.02	68.2	38.24	34.85	11.25	35.16	234	157	P	V
		5450.1	41.18	-12.82	54	30.31	34.83	11.2	35.16	234	157	A	V
	*	5670	105.24	-	-	93.83	35.14	11.46	35.19	234	157	P	V
	*	5670	97.91	-	-	86.5	35.14	11.46	35.19	234	157	A	V
		5726.675	58.48	-9.72	68.2	46.97	35.21	11.5	35.2	234	157	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5401.84	59.45	-14.55	74	48.7	34.76	11.15	35.16	380	183	P	H
		5465.92	58.77	-9.43	68.2	47.83	34.85	11.25	35.16	380	183	P	H
		5459.68	48.85	-5.15	54	37.98	34.83	11.2	35.16	380	183	A	H
	*	5530	103.47	-	-	92.42	34.92	11.3	35.17	380	183	P	H
	*	5530	95.45	-	-	84.4	34.92	11.3	35.17	380	183	A	H
		5746.73	51.35	-16.85	68.2	39.79	35.24	11.53	35.21	380	183	P	H
		5443.6	53.99	-20.01	74	43.14	34.81	11.2	35.16	364	154	P	V
		5461.12	53.94	-14.26	68.2	43.02	34.83	11.25	35.16	364	154	P	V
		5457.76	45.88	-8.12	54	35.01	34.83	11.2	35.16	364	154	A	V
	*	5530	98.89	-	-	87.84	34.92	11.3	35.17	364	154	P	V
	*	5530	90.79	-	-	79.74	34.92	11.3	35.17	364	154	A	V
		5761.85	50.28	-17.92	68.2	38.71	35.26	11.53	35.22	364	154	P	V
802.11ac VHT80 CH 122 5610MHz		5425.95	55.36	-18.64	74	44.54	34.78	11.2	35.16	347	199	P	H
		5466.9	55.68	-12.52	68.2	44.74	34.85	11.25	35.16	347	199	P	H
		5459.2	44.41	-9.59	54	33.54	34.83	11.2	35.16	347	199	A	H
	*	5610	105.96	-	-	94.7	35.04	11.4	35.18	347	199	P	H
	*	5610	98.06	-	-	86.8	35.04	11.4	35.18	347	199	A	H
		5729.65	58	-10.2	68.2	46.49	35.21	11.5	35.2	347	199	P	H
		5458.15	53.31	-20.69	74	42.44	34.83	11.2	35.16	375	153	P	V
		5466.9	51.35	-16.85	68.2	40.41	34.85	11.25	35.16	375	153	P	V
		5459.55	43.29	-10.71	54	32.42	34.83	11.2	35.16	375	153	A	V
	*	5610	101.54	-	-	90.28	35.04	11.4	35.18	375	153	P	V
	*	5610	93.99	-	-	82.73	35.04	11.4	35.18	375	153	A	V
		5731.925	57.76	-10.44	68.2	46.26	35.21	11.5	35.21	375	153	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 3 5470~5725MHz****WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 122 5610MHz		11220	47.89	-26.11	74	49.68	38.12	18.07	57.98	100	0	P	H
		16830	50.67	-17.53	68.2	43.16	42	21.45	55.94	100	0	P	H
													H
													H
		11220	57.41	-16.59	74	59.2	38.12	18.07	57.98	107	146	P	V
		11220	46.7	-7.3	54	48.49	38.12	18.07	57.98	107	146	A	V
		16830	51.19	-17.01	68.2	43.68	42	21.45	55.94	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz	*	5720	113.81	-	-	102.3	35.21	11.5	35.2	370	180	P	H
	*	5720	105.72	-	-	94.21	35.21	11.5	35.2	370	180	A	H
													H
													H
													H
													H
	*	5720	108.06	-	-	96.55	35.21	11.5	35.2	230	174	P	V
	*	5720	99.85	-	-	88.34	35.21	11.5	35.2	230	174	A	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	57.44	-16.56	74	58.19	38.33	18.38	57.46	300	244	P	H
		11440	46.66	-7.34	54	47.41	38.33	18.38	57.46	300	244	A	H
		17160	51.11	-17.09	68.2	43.27	41.87	21.74	55.77	100	0	P	H
													H
		11440	59.84	-14.16	74	60.59	38.33	18.38	57.46	129	150	P	V
		11440	49.55	-4.45	54	50.3	38.33	18.38	57.46	129	150	A	V
		17160	53.54	-14.66	68.2	45.7	41.87	21.74	55.77	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz	*	5720	112.93	-	-	101.42	35.21	11.5	35.2	369	180	P	H
	*	5720	105.2	-	-	93.69	35.21	11.5	35.2	369	180	A	H
													H
													H
													H
													H
	*	5720	107.38	-	-	95.87	35.21	11.5	35.2	230	174	P	V
	*	5720	99.27	-	-	87.76	35.21	11.5	35.2	230	174	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		11440	57.28	-16.72	74	58.03	38.33	18.38	57.46	300	245	P	H
		11440	46.27	-7.73	54	47.02	38.33	18.38	57.46	300	245	A	H
		17160	50.82	-17.38	68.2	42.98	41.87	21.74	55.77	100	0	P	H
													H
		11440	59.37	-14.63	74	60.12	38.33	18.38	57.46	130	151	P	V
		11440	48.83	-5.17	54	49.58	38.33	18.38	57.46	130	151	A	V
		17160	55.03	-13.17	68.2	47.19	41.87	21.74	55.77	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz	*	5710	110.9	-	-	99.41	35.19	11.5	35.2	372	180	P	H
	*	5710	103.25	-	-	91.76	35.19	11.5	35.2	372	180	A	H
													H
													H
													H
													H
	*	5710	105.44	-	-	93.95	35.19	11.5	35.2	243	158	P	V
	*	5710	98.11	-	-	86.62	35.19	11.5	35.2	243	158	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		11420	56.09	-17.91	74	56.94	38.32	18.33	57.5	304	245	P	H
		11420	46.53	-7.47	54	47.38	38.32	18.33	57.5	304	245	A	H
		17130	50.8	-17.4	68.2	42.96	41.91	21.7	55.77	100	0	P	H
													H
		11420	59.5	-14.5	74	60.35	38.32	18.33	57.5	124	147	P	V
		11420	49.95	-4.05	54	50.8	38.32	18.33	57.5	124	147	A	V
		17130	51.32	-16.88	68.2	43.48	41.91	21.7	55.77	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 144 5720MHz	*	5720	112.72	-	-	101.21	35.21	11.5	35.2	335	180	P	H
	*	5720	104.9	-	-	93.39	35.21	11.5	35.2	335	180	A	H
													H
													H
													H
													H
	*	5720	106.97	-	-	95.46	35.21	11.5	35.2	240	157	P	V
	*	5720	99.02	-	-	87.51	35.21	11.5	35.2	240	157	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 144 5720MHz		11440	57.24	-16.76	74	57.99	38.33	18.38	57.46	300	244	P	H
		11440	46.51	-7.49	54	47.26	38.33	18.38	57.46	300	244	A	H
		17160	50.54	-17.66	68.2	42.7	41.87	21.74	55.77	100	0	P	H
													H
		11440	59.29	-14.71	74	60.04	38.33	18.38	57.46	130	150	P	V
		11440	49.02	-4.98	54	49.77	38.33	18.38	57.46	130	150	A	V
		17160	52.21	-15.99	68.2	44.37	41.87	21.74	55.77	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 142 5710MHz	*	5710	110.86	-	-	99.37	35.19	11.5	35.2	372	180	P	H
	*	5710	103.23	-	-	91.74	35.19	11.5	35.2	372	180	A	H
													H
													H
													H
													H
	*	5710	105.3	-	-	93.81	35.19	11.5	35.2	243	157	P	V
	*	5710	98.05	-	-	86.56	35.19	11.5	35.2	243	157	A	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 142 5710MHz		11420	56.03	-17.97	74	56.88	38.32	18.33	57.5	304	245	P	H
		11420	46.46	-7.54	54	47.31	38.32	18.33	57.5	304	245	A	H
		17130	50.4	-17.8	68.2	42.56	41.91	21.7	55.77	100	0	P	H
													H
		11420	59.43	-14.57	74	60.28	38.32	18.33	57.5	124	147	P	V
		11420	49.8	-4.2	54	50.65	38.32	18.33	57.5	124	147	A	V
		17130	51.6	-16.6	68.2	43.76	41.91	21.7	55.77	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz	*	5690	105.4	-	-	93.97	35.17	11.46	35.2	357	196	P	H
	*	5690	97.43	-	-	86	35.17	11.46	35.2	357	196	A	H
													H
													H
													H
													H
	*	5690	102.25	-	-	90.82	35.17	11.46	35.2	380	152	P	V
	*	5690	94.69	-	-	83.26	35.17	11.46	35.2	380	152	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		11380	53.75	-20.25	74	54.77	38.28	18.28	57.58	333	253	P	H
		11380	46.41	-7.59	54	47.43	38.28	18.28	57.58	333	253	A	H
		17070	50.29	-17.91	68.2	42.41	42.01	21.66	55.79	380	0	P	H
													H
		11380	56.53	-17.47	74	57.55	38.28	18.28	57.58	102	150	P	V
		11380	47.52	-6.48	54	48.54	38.28	18.28	57.58	102	150	A	V
		17070	51.58	-16.62	68.2	43.7	42.01	21.66	55.79	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT20 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 LF		68.88	35.96	-4.04	40	53.61	12.24	1.7	31.59	100	0	P	H
		98.31	35.18	-8.32	43.5	49.41	15.58	1.75	31.56	-	-	P	H
		253.02	29.02	-16.98	46	39.03	18.73	2.63	31.37	-	-	P	H
		890.8	30.82	-15.18	46	27.65	28.81	4.89	30.53	-	-	P	H
		917.4	31.2	-14.8	46	27.64	29.11	4.97	30.52	-	-	P	H
		942.6	31.83	-14.17	46	27.33	29.97	5.05	30.52	-	-	P	H
													H
													H
													H
													H
													H
													H
		30	32.62	-7.38	40	38.04	24.6	1.33	31.35	100	0	P	V
		68.34	32.4	-7.6	40	50.05	12.24	1.7	31.59	-	-	P	V
		151.23	31.06	-12.44	43.5	43.33	16.98	2.25	31.5	-	-	P	V
		664	31.19	-14.81	46	31.48	26.19	4.25	30.73	-	-	P	V
		861.4	31.17	-14.83	46	27.82	29.02	4.88	30.55	-	-	P	V
		958	32.1	-13.9	46	26.76	30.8	5.05	30.51	-	-	P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<For Sample 2>

Band 1 - 5150~5250MHz

WIFI 802.11ac VHT80 (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.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 42 5210MHz		5150	57.72	-16.28	74	47.42	34.41	11.03	35.14	369	180	P	H
		5148.98	50.2	-3.8	54	39.9	34.41	11.03	35.14	369	180	A	H
	*	5210	101.82	-	-	91.36	34.5	11.1	35.14	369	180	P	H
	*	5210	93.93	-	-	83.47	34.5	11.1	35.14	369	180	A	H
		5350.52	53.17	-20.83	74	42.49	34.69	11.14	35.15	369	180	P	H
		5351.08	42.09	-11.91	54	31.41	34.69	11.14	35.15	369	180	A	H
		5147.68	58.63	-15.37	74	48.33	34.41	11.03	35.14	342	218	P	V
		5150	49.24	-4.76	54	38.94	34.41	11.03	35.14	342	218	A	V
	*	5210	98.1	-	-	87.64	34.5	11.1	35.14	342	218	P	V
	*	5210	90.7	-	-	80.24	34.5	11.1	35.14	342	218	A	V
		5369.84	50.28	-23.72	74	39.58	34.71	11.14	35.15	342	218	P	V
		5354.16	41.97	-12.03	54	31.29	34.69	11.14	35.15	342	218	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 1 5150~5250MHz****WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	46.89	-21.31	68.2	51.89	37.23	17.05	59.28	100	0	P	H
		15630	49.55	-24.45	74	45.04	40.51	20.57	56.57	100	0	P	H
													H
													H
		10420	48.72	-19.48	68.2	53.72	37.23	17.05	59.28	100	0	P	V
		15630	49.35	-24.65	74	44.84	40.51	20.57	56.57	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11ac VHT80 (LF @ 3m)

[illegible]



Band 2 - 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 62 5310MHz		5134.75	48.34	-25.66	74	38.13	34.39	10.96	35.14	380	115	P	H
		5139.65	40.98	-13.02	54	30.75	34.41	10.96	35.14	380	115	A	H
	*	5310	98.59	-	-	87.97	34.64	11.13	35.15	380	115	P	H
	*	5310	89.92	-	-	79.3	34.64	11.13	35.15	380	115	A	H
		5357.04	52.52	-21.48	74	41.84	34.69	11.14	35.15	380	115	P	H
		5351.04	43.36	-10.64	54	32.68	34.69	11.14	35.15	380	115	A	H
		5130.2	49.44	-24.56	74	39.23	34.39	10.96	35.14	329	215	P	V
		5148.05	40.91	-13.09	54	30.61	34.41	11.03	35.14	329	215	A	V
	*	5310	100.11	-	-	89.49	34.64	11.13	35.15	329	215	P	V
	*	5310	91.8	-	-	81.18	34.64	11.13	35.15	329	215	A	V
		5352.24	57.01	-16.99	74	46.33	34.69	11.14	35.15	329	215	P	V
		5350.08	46.55	-7.45	54	35.87	34.69	11.14	35.15	329	215	A	V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 62 5310MHz		10620	47.4	-26.6	74	51.68	37.44	17.31	59.03	100	0	P	H
		15930	47.68	-26.32	74	42.75	40.74	20.7	56.51	100	0	P	H
													H
													H
		10620	48.31	-25.69	74	52.59	37.44	17.31	59.03	100	0	P	V
		15930	47.99	-26.01	74	43.06	40.74	20.7	56.51	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		30.27	28.23	-11.77	40	33.65	24.6	1.33	31.35	100	0	P	H
		214.68	29.18	-14.32	43.5	43.03	15.2	2.38	31.43	-	-	P	H
		254.91	32.29	-13.71	46	42.07	18.96	2.63	31.37	-	-	P	H
		927.2	31.21	-14.79	46	27.36	29.4	4.97	30.52	-	-	P	H
		939.1	31.78	-14.22	46	27.53	29.79	4.98	30.52	-	-	P	H
		953.8	32.12	-13.88	46	27.04	30.54	5.05	30.51	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
		30.27	31.72	-8.28	40	37.14	24.6	1.33	31.35	100	0	P	V
		196.32	31.96	-11.54	43.5	46.18	14.85	2.38	31.45	-	-	P	V
		254.1	29.73	-16.27	46	39.63	18.84	2.63	31.37	-	-	P	V
		721.4	31.1	-14.9	46	30.57	26.83	4.36	30.66	-	-	P	V
		939.1	31.25	-14.75	46	27	29.79	4.98	30.52	-	-	P	V
		958	31.75	-14.25	46	26.41	30.8	5.05	30.51	-	-	P	V
													V
													V
													V
													V
													V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 140 5700MHz	*	5700	107.19	-	-	95.76	35.17	11.46	35.2	380	110	P	H
	*	5700	98.9	-	-	87.47	35.17	11.46	35.2	380	110	A	H
		5729	59.76	-8.44	68.2	48.25	35.21	11.5	35.2	380	110	P	H
													H
													H
													H
	*	5700	108.71	-	-	97.28	35.17	11.46	35.2	296	228	P	V
	*	5700	100.16	-	-	88.73	35.17	11.46	35.2	296	228	A	V
		5725.96	65.41	-2.79	68.2	53.9	35.21	11.5	35.2	296	228	P	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 140 5700MHz		11400	52.19	-21.81	74	53.1	38.3	18.33	57.54	300	193	P	H
		11400	42.23	-11.77	54	43.14	38.3	18.33	57.54	300	193	A	H
		17100	50.59	-17.61	68.2	42.74	41.96	21.67	55.78	100	0	P	H
													H
		11400	55.7	-18.3	74	56.61	38.3	18.33	57.54	126	147	P	V
		11400	46	-8	54	46.91	38.3	18.33	57.54	126	147	A	V
		17100	50.93	-17.27	68.2	43.08	41.96	21.67	55.78	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT20 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 LF		30	28.21	-11.79	40	33.63	24.6	1.33	31.35	100	0	P	H
		214.68	28.44	-15.06	43.5	42.29	15.2	2.38	31.43	-	-	P	H
		238.98	31.88	-14.12	46	43.63	17.01	2.63	31.39	-	-	P	H
		927.9	31.18	-14.82	46	27.3	29.43	4.97	30.52	-	-	P	H
		939.8	32.22	-13.78	46	27.94	29.82	4.98	30.52	-	-	P	H
		954.5	33.03	-12.97	46	27.9	30.59	5.05	30.51	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
		30	31.76	-8.24	40	37.18	24.6	1.33	31.35	100	0	P	V
		151.23	31.86	-11.64	43.5	44.13	16.98	2.25	31.5	-	-	P	V
		251.94	29.96	-16.04	46	40.09	18.61	2.63	31.37	-	-	P	V
		856.5	30.76	-15.24	46	27.64	28.93	4.74	30.55	-	-	P	V
		891.5	31.59	-14.41	46	28.43	28.8	4.89	30.53	-	-	P	V
		953.8	31.91	-14.09	46	26.83	30.54	5.05	30.51	-	-	P	V
													V
												V	
												V	
												V	
												V	
												V	
												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	Peak or Average
H/V	Horizontal or Vertical



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

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

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

For Peak Limit @ 2390MHz:

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

For Average Limit @ 2390MHz:

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

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



Appendix C. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Stan Hsieh, and Ken Wu	Temperature :	22~24°C
		Relative Humidity :	52~54%

Note symbol

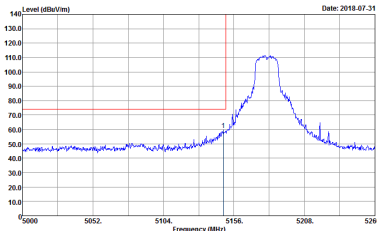
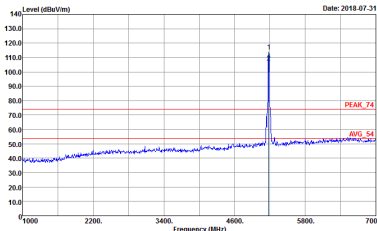
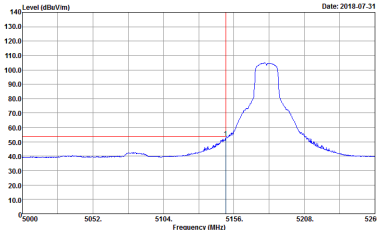
-L	Low channel location
-R	High channel location



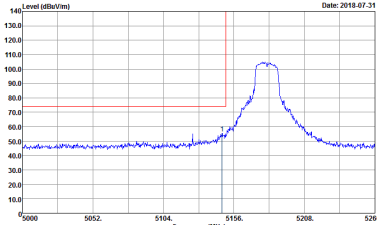
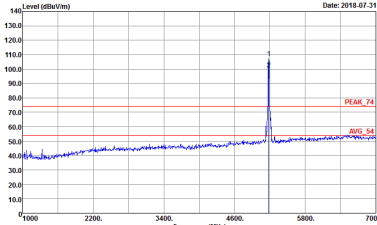
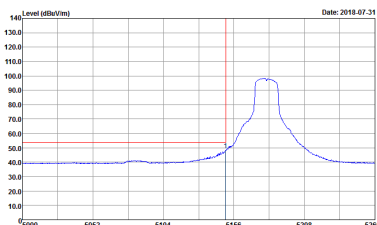
<For Sample 1>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 1	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 1
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 1	Left blank



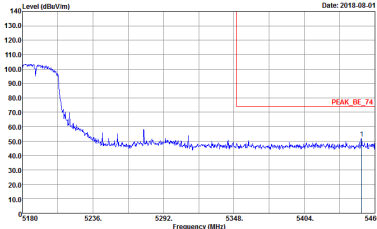
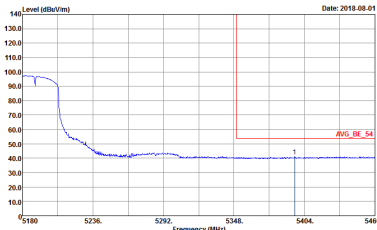
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 1	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 1
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 1	Left blank



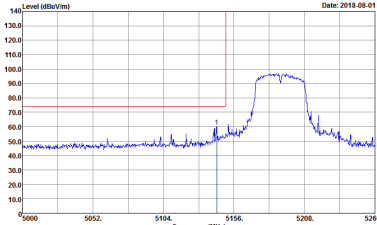
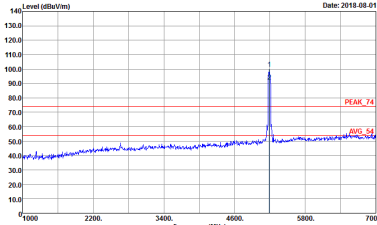
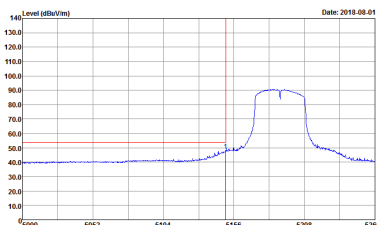
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 2	Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 2
Avg.	Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 2	Left blank

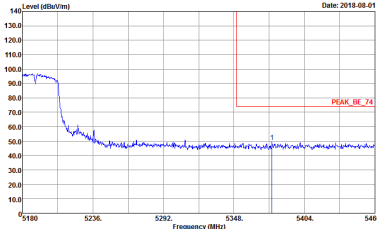
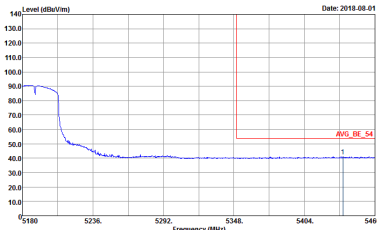


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Project : Peak Mode : 2	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000kHz VBW:3.000kHz SMT:Auto Project : Peak Mode : 2	Left blank

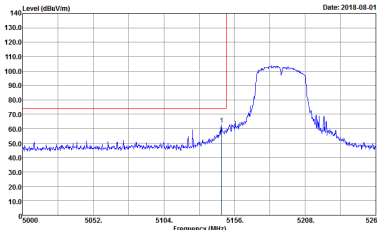
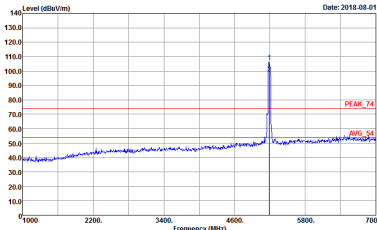
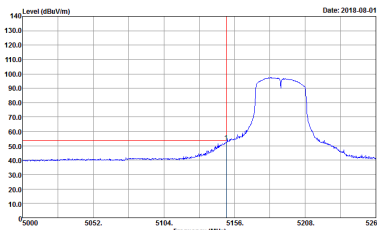


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 2	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 2
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 2	Left blank

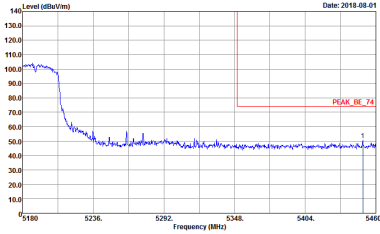
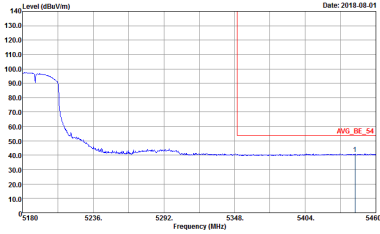


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : B62732 Mode : 2	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : B62732 Mode : 2	Left blank

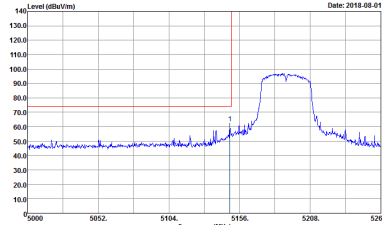
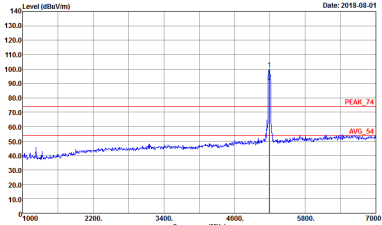
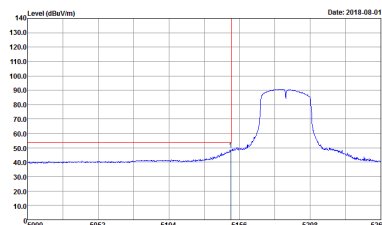
Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 3	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 3
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 3	Left blank

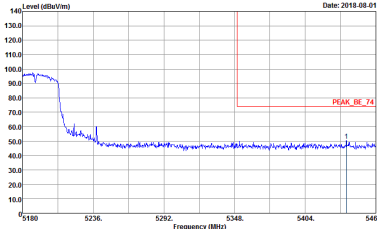
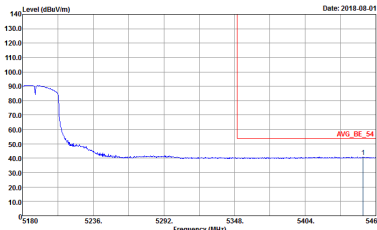


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 3	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 3	Left blank



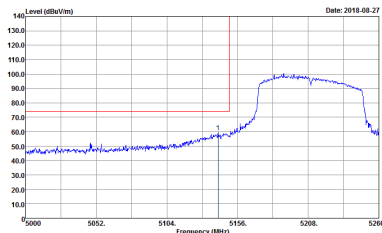
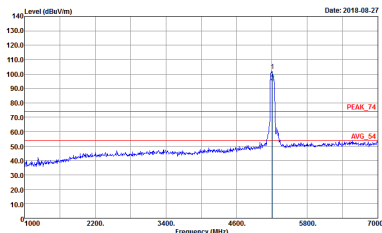
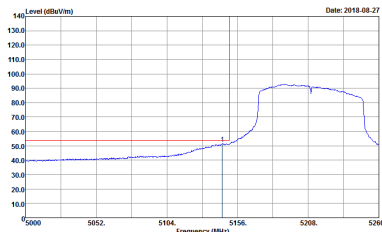
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 3	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 3
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 3	Left blank



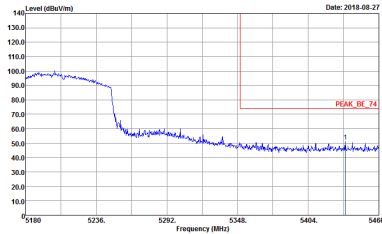
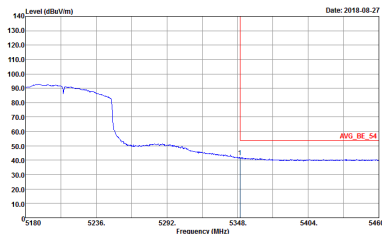
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 3	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 3	Left blank



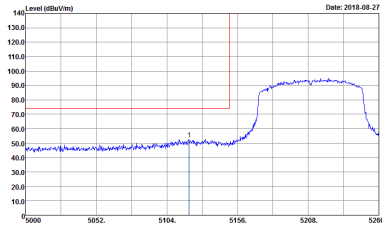
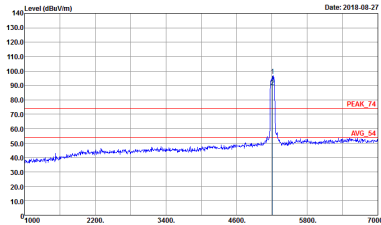
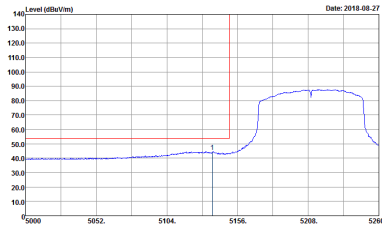
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m																																																																
ANT	802.11ac VHT80 CH42 5210MHz - L																																																																
1	Horizontal	Fundamental																																																															
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL Detector : Peak Project : 862732 Mode : 4 Setting : 12 CLPC <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 5141.70</td><td>59.74</td><td>-14.26</td><td>74.00</td><td>49.06</td><td>34.79</td><td>11.03</td><td>35.14</td><td>352 187 Peak</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1 5141.70	59.74	-14.26	74.00	49.06	34.79	11.03	35.14	352 187 Peak	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL Detector : Peak Project : 862732 Mode : 4 Setting : 12 CLPC <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 * 5210.00</td><td>102.87</td><td>28.87</td><td>74.00</td><td>91.28</td><td>34.83</td><td>11.10</td><td>35.14</td><td>352 187 Peak</td></tr><tr><td>2 * 5210.00</td><td>94.40</td><td>40.40</td><td>54.00</td><td>83.61</td><td>34.83</td><td>11.10</td><td>35.14</td><td>352 187 Average</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1 * 5210.00	102.87	28.87	74.00	91.28	34.83	11.10	35.14	352 187 Peak	2 * 5210.00	94.40	40.40	54.00	83.61	34.83	11.10	35.14	352 187 Average
	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark																																																								
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg																																																									
1 5141.70	59.74	-14.26	74.00	49.06	34.79	11.03	35.14	352 187 Peak																																																									
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1 * 5210.00	102.87	28.87	74.00	91.28	34.83	11.10	35.14	352 187 Peak																																																									
2 * 5210.00	94.40	40.40	54.00	83.61	34.83	11.10	35.14	352 187 Average																																																									
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL Detector : Peak Project : 862732 Mode : 4 Setting : 12 CLPC <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 5144.82</td><td>51.57</td><td>-2.43</td><td>54.00</td><td>40.89</td><td>34.79</td><td>11.03</td><td>35.14</td><td>352 187 Average</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1 5144.82	51.57	-2.43	54.00	40.89	34.79	11.03	35.14	352 187 Average	Left blank																																				
Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark																																																									
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg																																																									
1 5144.82	51.57	-2.43	54.00	40.89	34.79	11.03	35.14	352 187 Average																																																									

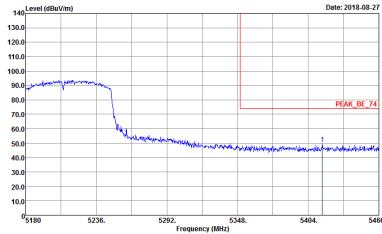
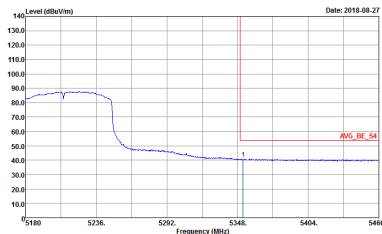


WIFI	Band 1 5150~5250MHz Band Edge @ 3m																															
ANT	802.11ac VHT80 CH42 5210MHz - R																															
1	Horizontal	Fundamental																														
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL Detector : Peak Project : 862732 Mode : 4 Setting : 12 CLPC <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamplifier</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5433.48</td><td>50.99</td><td>-23.01</td><td>74.00</td><td>39.99</td><td>34.96</td><td>11.20</td><td>35.16</td><td>352 187 Peak</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamplifier	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5433.48	50.99	-23.01	74.00	39.99	34.96	11.20	35.16	352 187 Peak	Left blank
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamplifier	A/Pos	T/Pos	Remark																						
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																							
1	5433.48	50.99	-23.01	74.00	39.99	34.96	11.20	35.16	352 187 Peak																							
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL Detector : Peak Project : 862732 Mode : 4 Setting : 12 CLPC <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamplifier</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5350.00</td><td>42.85</td><td>-11.95</td><td>54.00</td><td>31.15</td><td>34.91</td><td>11.14</td><td>35.15</td><td>352 187 Average</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamplifier	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5350.00	42.85	-11.95	54.00	31.15	34.91	11.14	35.15	352 187 Average	Left blank
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamplifier	A/Pos	T/Pos	Remark																							
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																							
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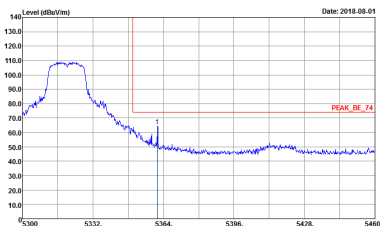
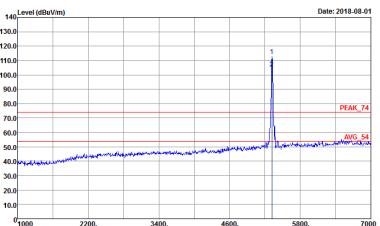
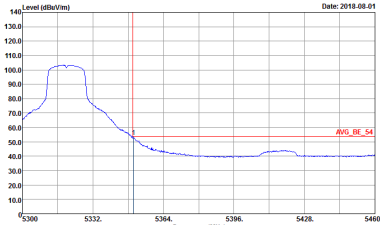
WIFI	Band 1 5150~5250MHz Band Edge @ 3m																																																																										
ANT	802.11ac VHT80 CH42 5210MHz - L																																																																										
1	Vertical	Fundamental																																																																									
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL Detector : Peak Project : 862732 Mode : 4 Setting : 12 CLPC <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5120.38</td><td>52.68</td><td>-21.32</td><td>74.00</td><td>42.09</td><td>34.77</td><td>10.96</td><td>35.14</td><td>380</td><td>226 Peak</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5120.38	52.68	-21.32	74.00	42.09	34.77	10.96	35.14	380	226 Peak	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL Detector : Peak Project : 862732 Mode : 4 Setting : 12 CLPC <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5210.00</td><td>96.81</td><td>22.81</td><td>74.00</td><td>86.82</td><td>34.83</td><td>11.10</td><td>35.14</td><td>380</td><td>226 Peak</td></tr><tr><td>2</td><td>5210.00</td><td>89.06</td><td>35.06</td><td>54.00</td><td>78.27</td><td>34.83</td><td>11.10</td><td>35.14</td><td>380</td><td>226 Average</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5210.00	96.81	22.81	74.00	86.82	34.83	11.10	35.14	380	226 Peak	2	5210.00	89.06	35.06	54.00	78.27	34.83	11.10	35.14	380	226 Average
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark																																																																	
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																		
1	5120.38	52.68	-21.32	74.00	42.09	34.77	10.96	35.14	380	226 Peak																																																																	
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark																																																																		
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																		
1	5210.00	96.81	22.81	74.00	86.82	34.83	11.10	35.14	380	226 Peak																																																																	
2	5210.00	89.06	35.06	54.00	78.27	34.83	11.10	35.14	380	226 Average																																																																	
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL Detector : Peak Project : 862732 Mode : 4 Setting : 12 CLPC <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5137.54</td><td>44.53</td><td>-9.47</td><td>54.00</td><td>33.93</td><td>34.78</td><td>10.96</td><td>35.14</td><td>380</td><td>226 Average</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5137.54	44.53	-9.47	54.00	33.93	34.78	10.96	35.14	380	226 Average	Left blank																																										
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark																																																																		
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																		
1	5137.54	44.53	-9.47	54.00	33.93	34.78	10.96	35.14	380	226 Average																																																																	



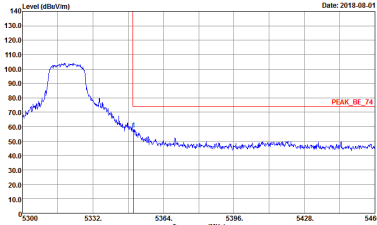
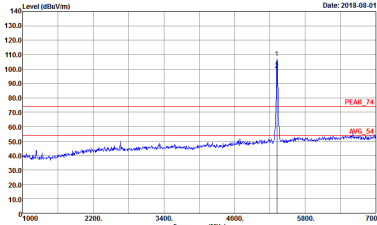
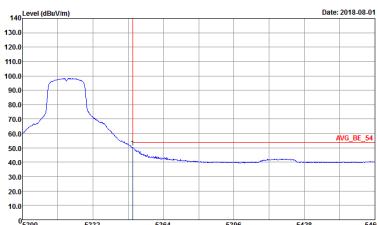
WIFI	Band 1 5150~5250MHz Band Edge @ 3m																															
ANT	802.11ac VHT80 CH42 5210MHz - R																															
1	Vertical	Fundamental																														
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL Detector : Peak Project : 862732 Mode : 4 Setting : 12 CLPC <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5415.20</td><td>49.35</td><td>-24.65</td><td>74.00</td><td>38.41</td><td>34.95</td><td>11.15</td><td>35.16</td><td>380 226 Peak</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5415.20	49.35	-24.65	74.00	38.41	34.95	11.15	35.16	380 226 Peak	Left blank
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark																						
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																							
1	5415.20	49.35	-24.65	74.00	38.41	34.95	11.15	35.16	380 226 Peak																							
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL Detector : Peak Project : 862732 Mode : 4 Setting : 12 CLPC <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5352.48</td><td>49.97</td><td>-13.03</td><td>54.00</td><td>38.07</td><td>34.91</td><td>11.14</td><td>35.15</td><td>380 226 Average</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	5352.48	49.97	-13.03	54.00	38.07	34.91	11.14	35.15	380 226 Average	Left blank
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark																							
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																							
1	5352.48	49.97	-13.03	54.00	38.07	34.91	11.14	35.15	380 226 Average																							



Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

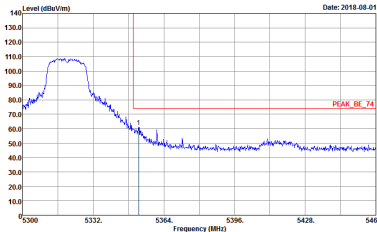
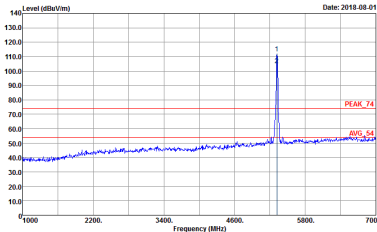
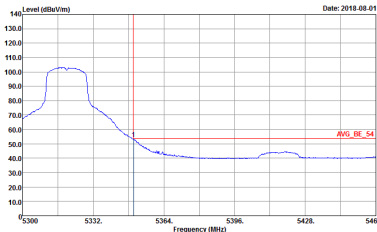
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 6 Setting : 13	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 6 Setting : 13
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 6 Setting : 13	Left blank



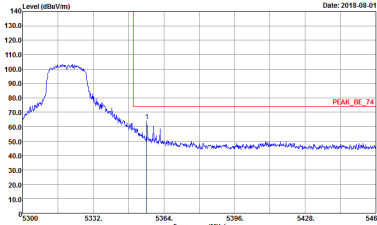
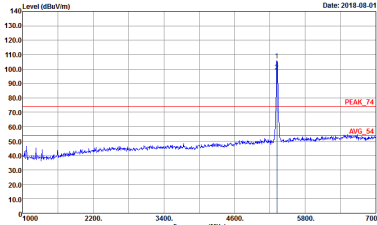
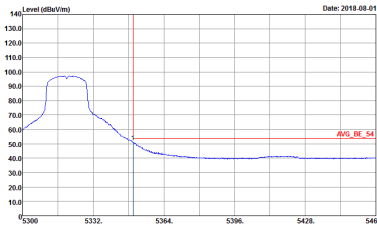
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 6 Setting : 13	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 6 Setting : 13
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 6 Setting : 13	Left blank



Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

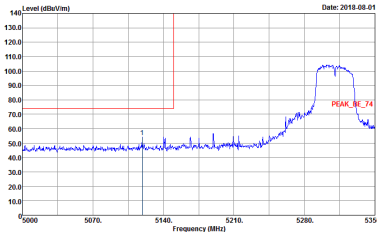
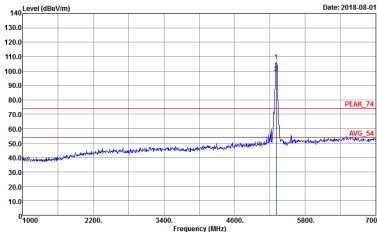
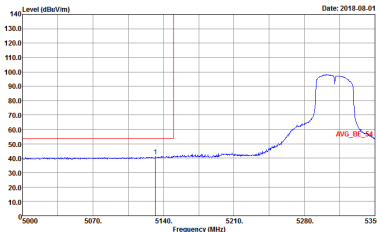
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SMT:Auto Detector : Peak Project : 862732 Mode : B Setting : 13	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SMT:Auto Detector : Peak Project : 862732 Mode : B Setting : 13
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SMT:Auto Detector : Peak Project : 862732 Mode : B Setting : 13	Left blank



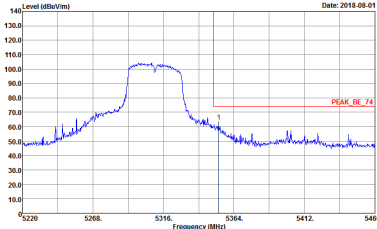
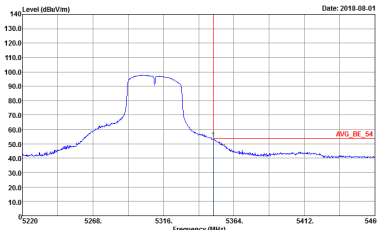
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 8 Setting : 13	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 8 Setting : 13
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 8 Setting : 13	Left blank



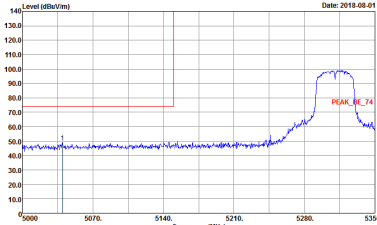
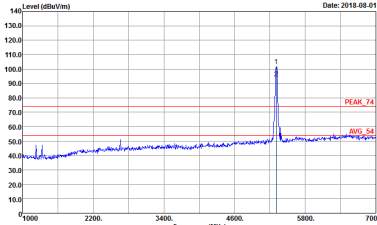
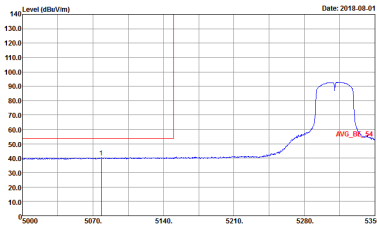
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 11	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 11
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 11	Left blank

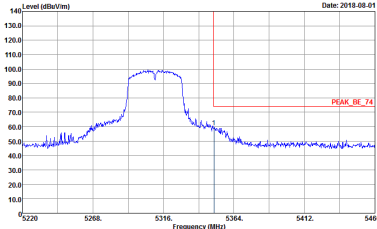
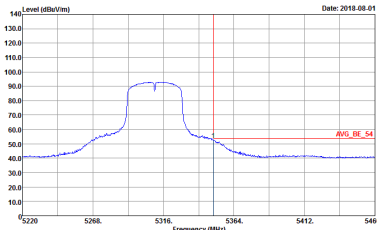


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 11	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 11	Left blank

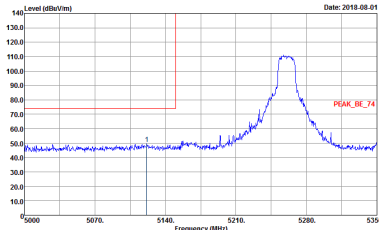
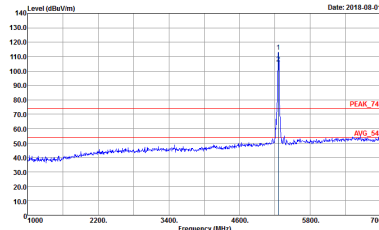
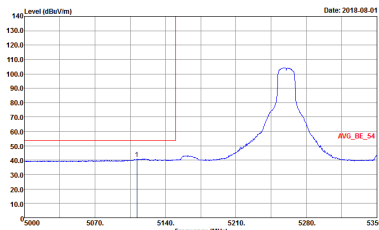


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 11	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 11
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 11	Left blank

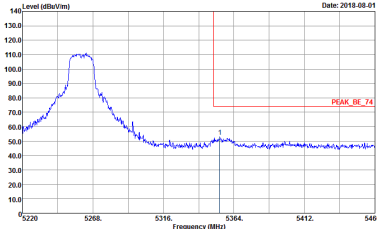
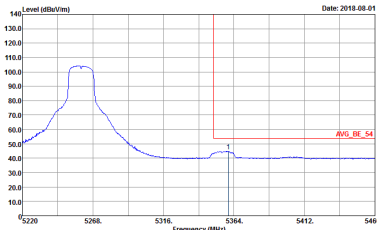


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : B62732 Mode : 11	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : B62732 Mode : 11	Left blank

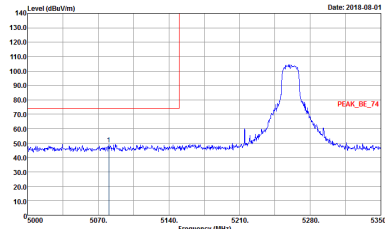
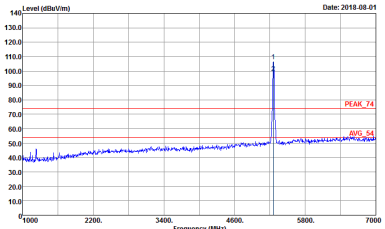
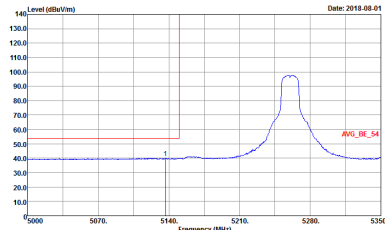
Band 2 5250~5350MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 9	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 9
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 9	Left blank

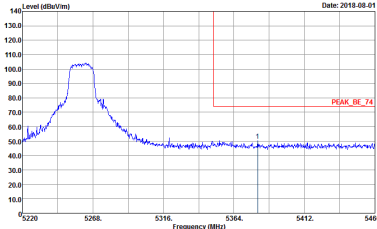
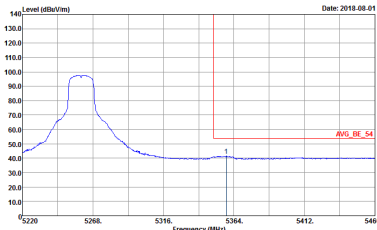


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : B62732 Mode : 9	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SMT:Auto Detector : Peak Project : B62732 Mode : 9	Left blank

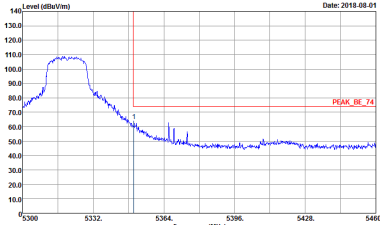
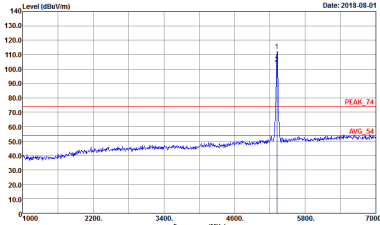
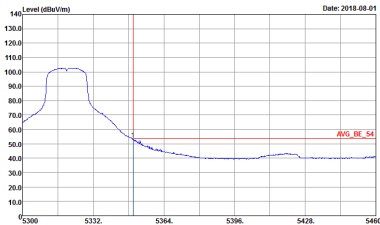


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 9	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 9
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:1.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 9	Left blank

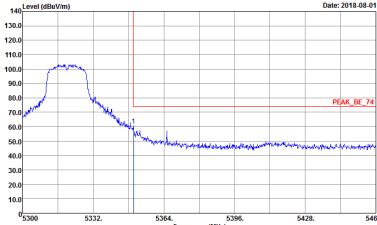
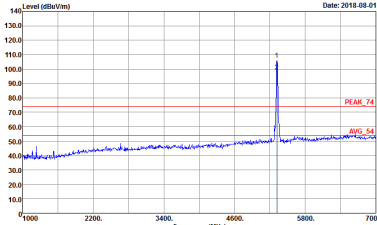
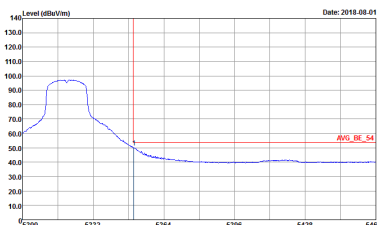


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 9	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 9	Left blank

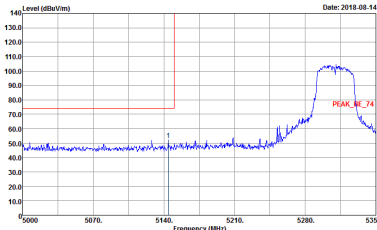
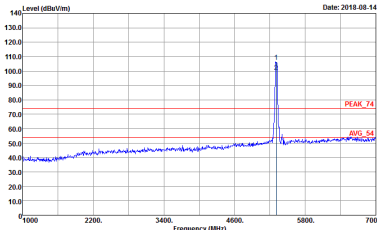
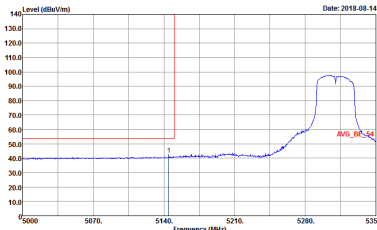


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Project : Peak Mode : 862732 Mode : 10	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Project : Peak Mode : 862732 Mode : 10
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000kHz VBW:1.000kHz SMT:Auto Project : Peak Mode : 862732 Mode : 10	Left blank

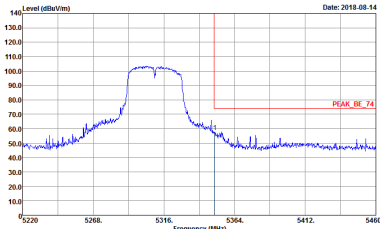
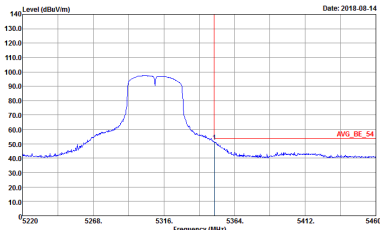


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Project : Peak Mode : 862732 Mode : 10	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Project : Peak Mode : 862732 Mode : 10
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000kHz VBW:1.000kHz SMT:Auto Project : Peak Mode : 862732 Mode : 10	Left blank

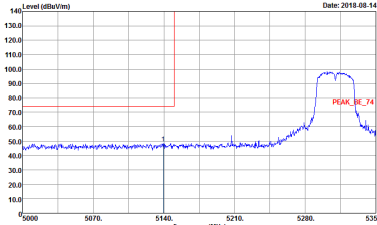
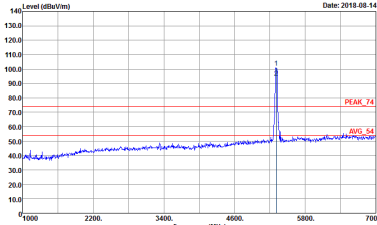
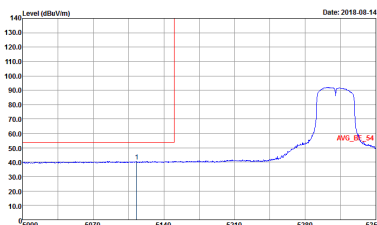
Band 2 5250~5350MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 12 Setting : 10.5	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 12 Setting : 10.5
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 12 Setting : 10.5	Left blank

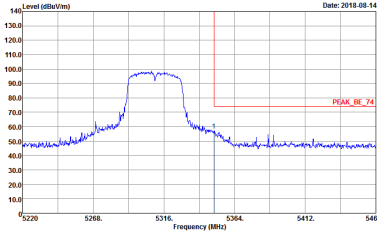
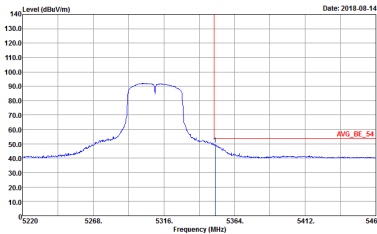


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 12 Setting : 10.5	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 12 Setting : 10.5	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 12 Setting : 10.5	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 12 Setting : 10.5
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 12 Setting : 10.5	Left blank



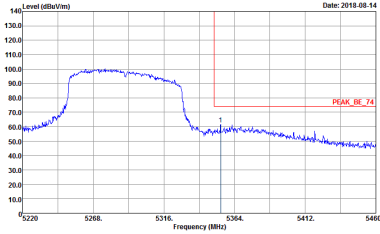
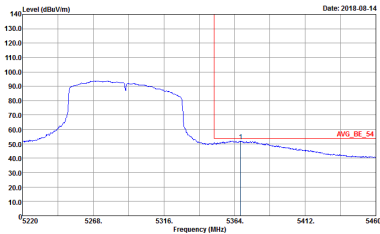
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 12 Setting : 10.5	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 12 Setting : 10.5	Left blank



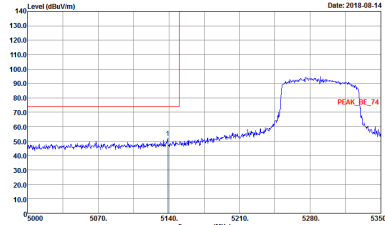
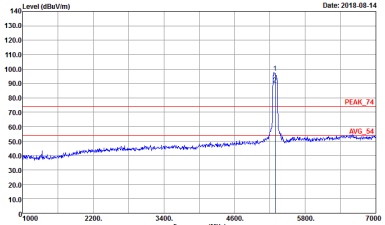
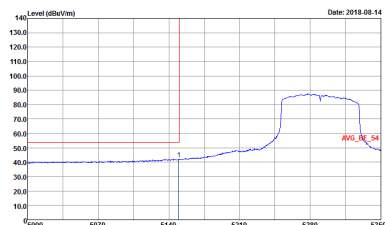
Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 13 Setting : 9.5	Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 13 Setting : 9.5
Avg.	Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 13 Setting : 9.5	Left blank

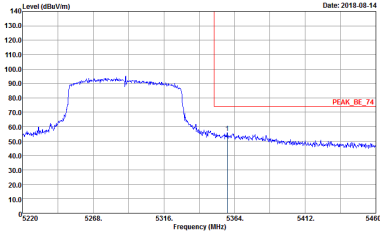
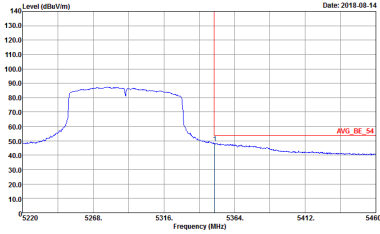


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 13 Setting : 9.5	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 13 Setting : 9.5	Left blank



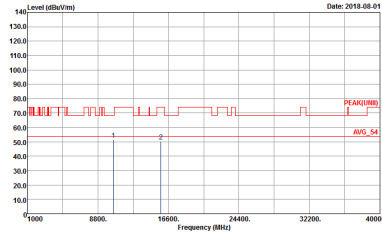
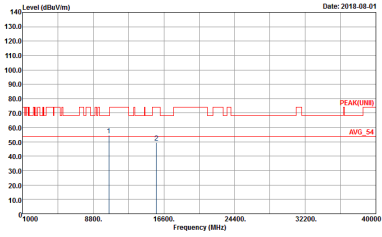
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 13 Setting : 9.5	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 13 Setting : 9.5
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 13 Setting : 9.5	Left blank



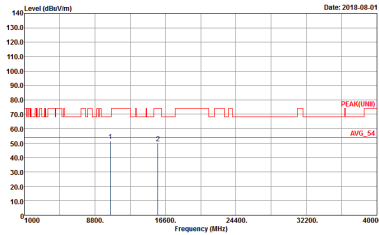
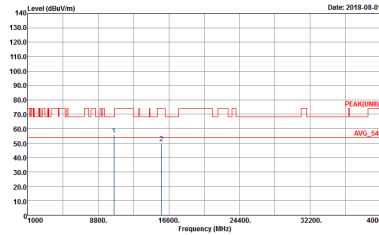
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 13 Setting : 9.5	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 13 Setting : 9.5	Left blank



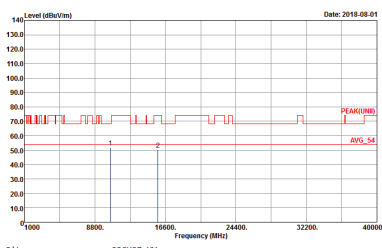
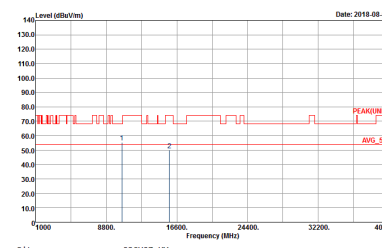
Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 862732 Mode : 5	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 862732 Mode : 5

Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

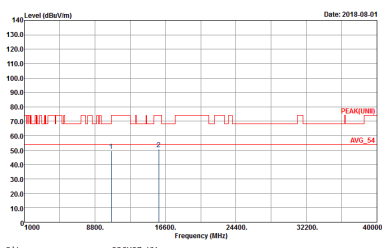
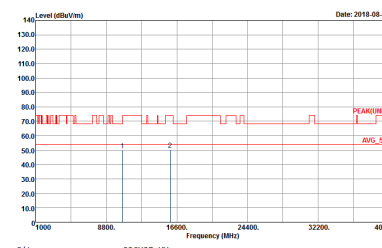
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 862732 Mode : 7	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 862732 Mode : 7

Band 2 5250~5350MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 862732 Mode : 9	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 862732 Mode : 9

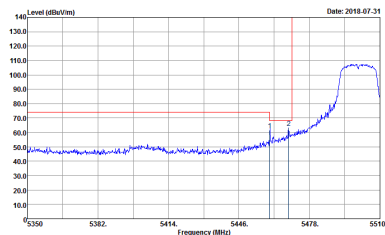
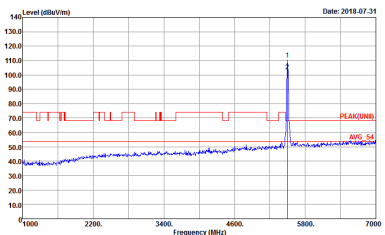
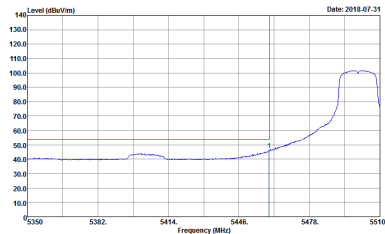


Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UWB) 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 862732 Mode : 13 Setting : 9	 Site : 03CH07-HY Condition : PEAK(UWB) 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 862732 Mode : 13 Setting : 9



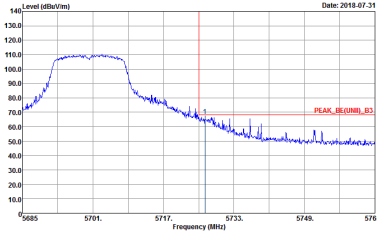
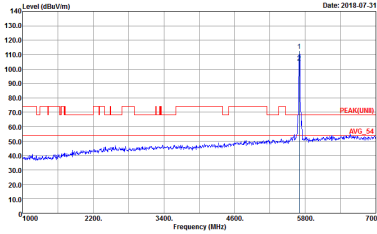
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 14	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 14
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 14	Left blank

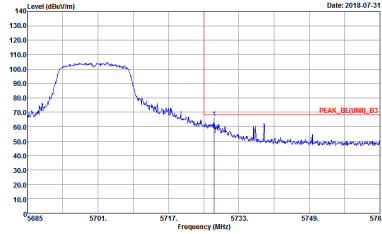
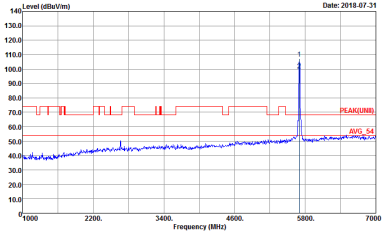


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 14	Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 14
Avg.	Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 14	Left blank

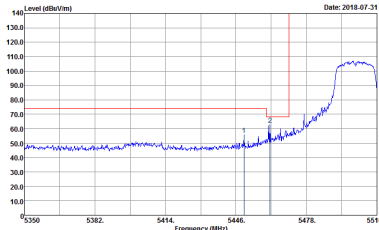
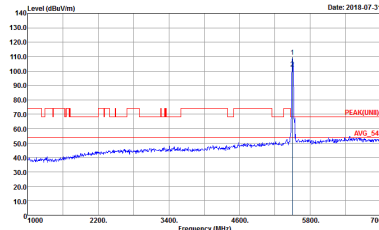
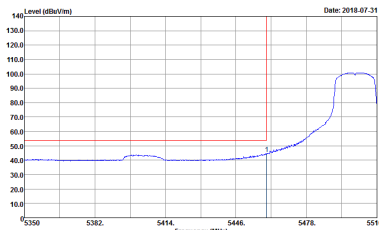


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 16 Setting : 12.5	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 16

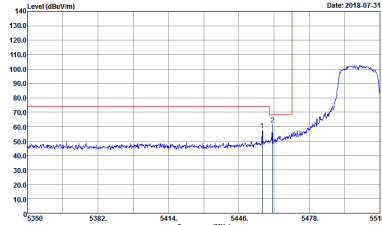
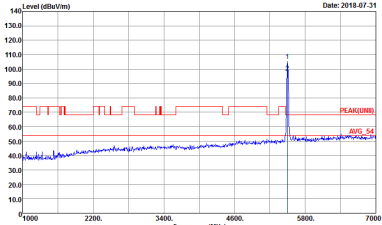
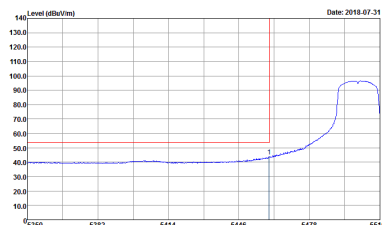


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 16	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 16

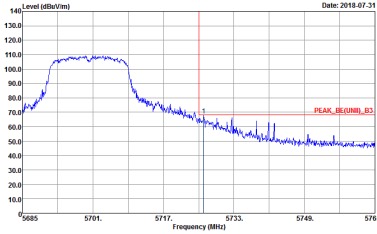
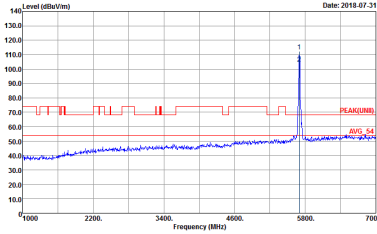
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

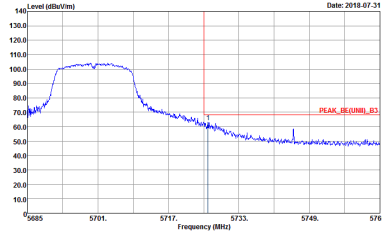
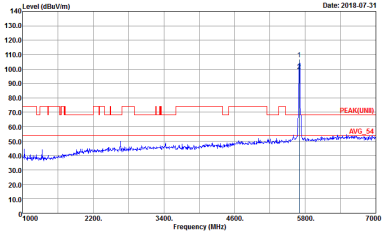
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 18 Date: 2018-07-31	 Site : 03CH07-HY Condition : PEAK(UNIT)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 18 Date: 2018-07-31
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 18 Date: 2018-07-31	Left blank



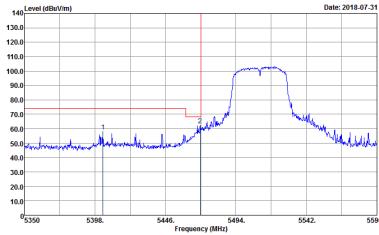
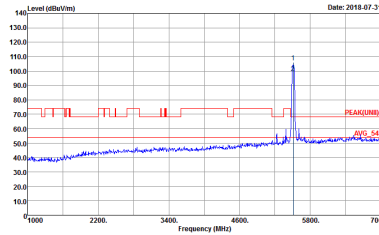
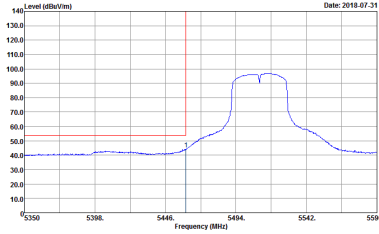
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 18	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 18
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 18	Left blank



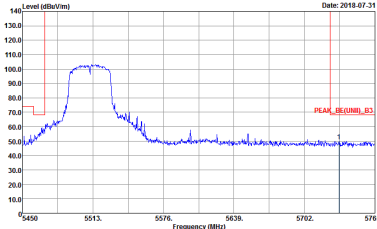
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 20	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 20

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.	 Site : 03CH07-HY Condition : PEAK_BE(UNII_03) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 20	 Site : 03CH07-HY Condition : PEAK_F(UNII_03) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 20

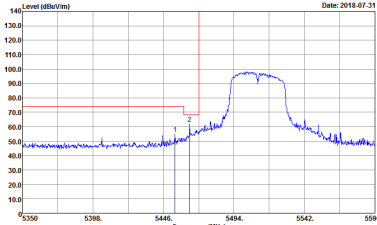
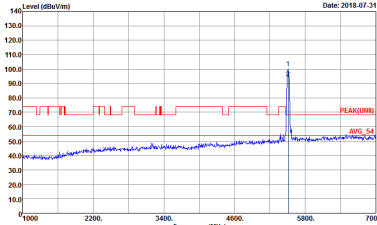
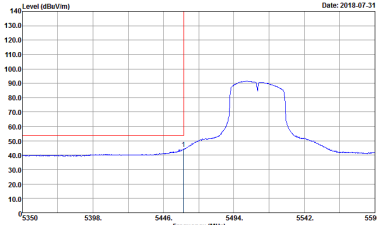
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 26	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 26
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 26	Left blank

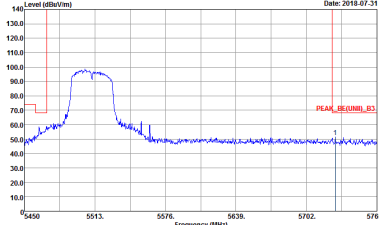


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3_3m HF_ANT_00075962 HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : B62732 Mode : 26	Left blank

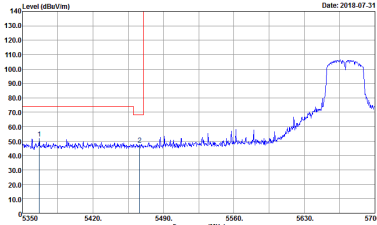
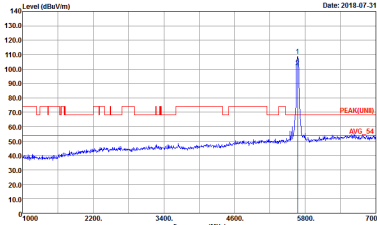
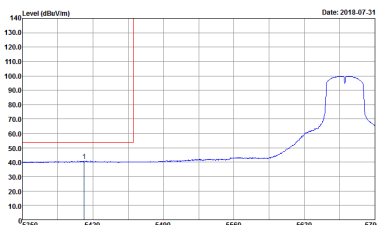


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT1)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 26	 Site : 03CH07-HY Condition : PEAK(UNIT1) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 26
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT1)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 26	Left blank

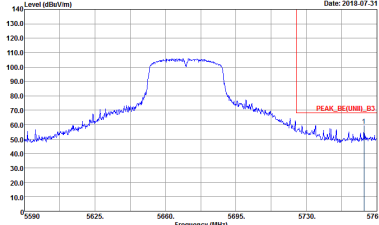


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3_3m HF_ANT_00075962 VERTICAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : B62732 Mode : 26	Left blank

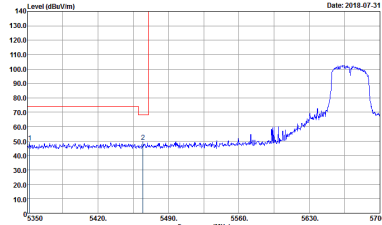
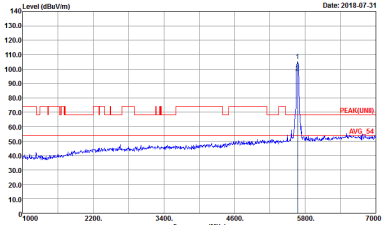
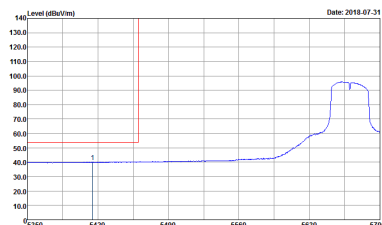


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT1)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 27	 Site : 03CH07-HY Condition : PEAK(UNIT1) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 27
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT1)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 27	Left blank

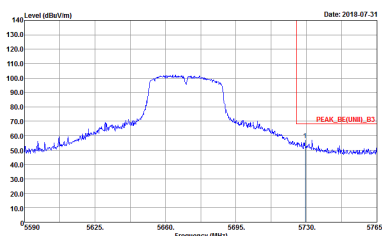


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : B62732 Mode : 27	Left blank

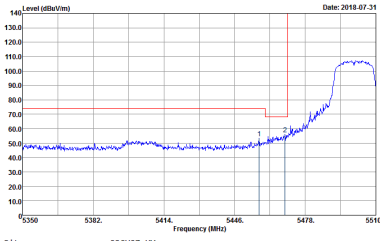
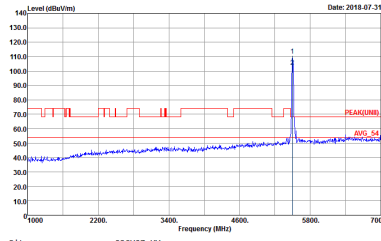
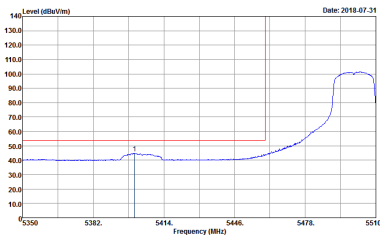


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 27	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 27
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 27	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 VERTICAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : B62732 Mode : 27	Left blank

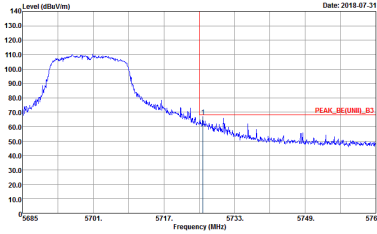
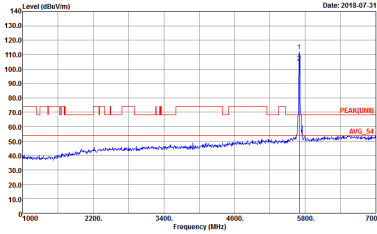
Band 3 5470~5725MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 22	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 22
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 22	Left blank

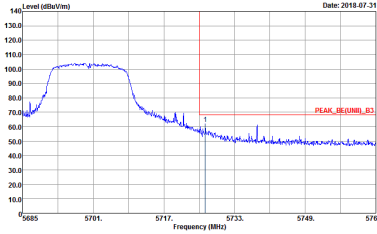
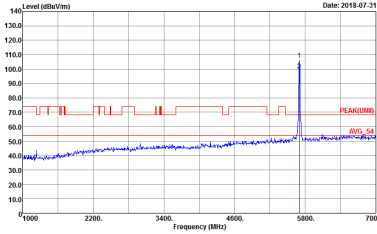


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 22	Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 22
Avg.	Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 22	Left blank

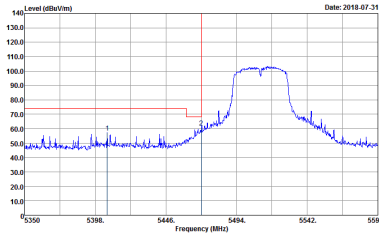
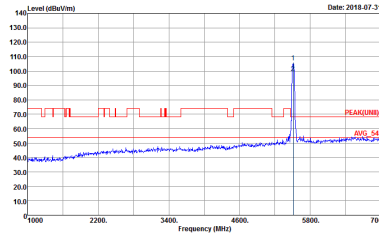
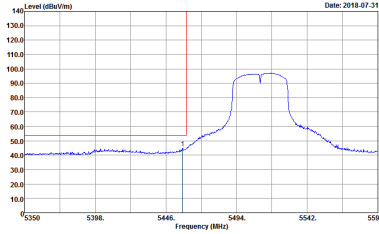


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 24	 Site : 03CH07-HY Condition : PEAK_F(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 24

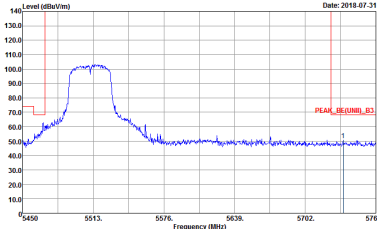


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 24	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 24

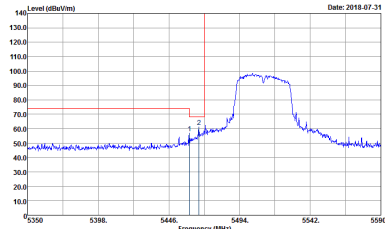
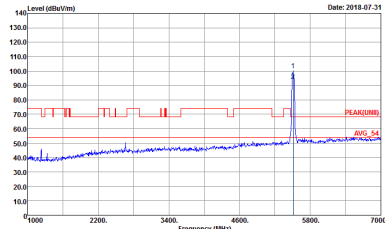
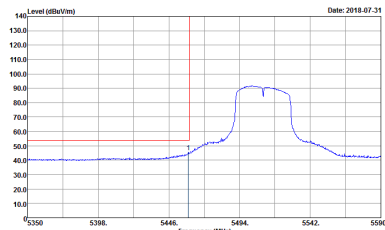
Band 3 5470~5725MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 29	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 29
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 29	Left blank

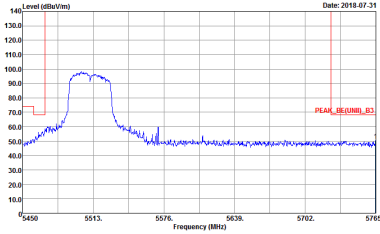


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UH11)_B3_3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 862732 Mode : 29	Left blank

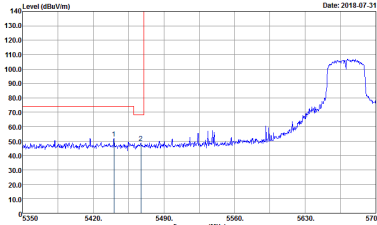
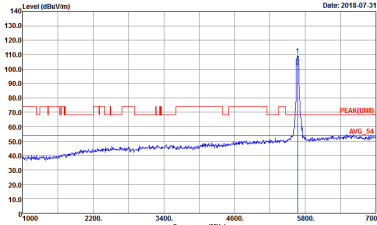
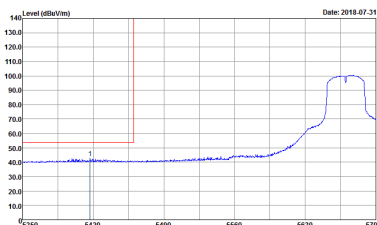


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Project : Peak Mode : 862732 Date: 2018-07-31	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Project : Peak Mode : 862732 Date: 2018-07-31
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000kHz VBW:3.000kHz SMT:Auto Project : Peak Mode : 862732 Date: 2018-07-31	Left blank

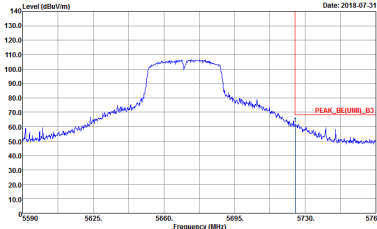


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UH11)_B3 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 862732 Mode : 29	Left blank

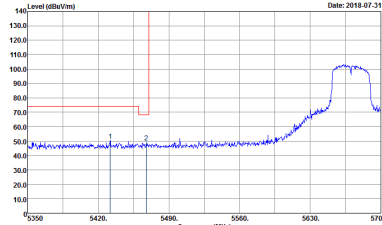
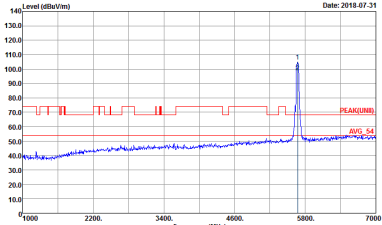
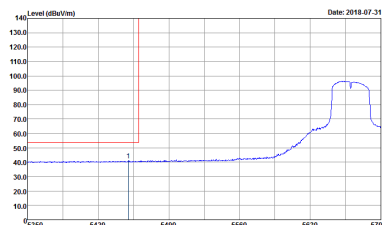


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT1)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 30	 Site : 03CH07-HY Condition : PEAK(UNIT1) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 30
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT1)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 30	Left blank

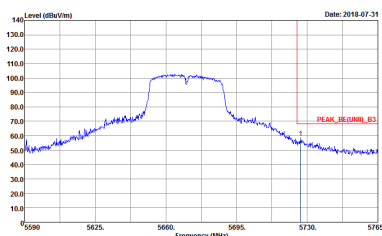


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UH11)_B3_3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 30	Left blank

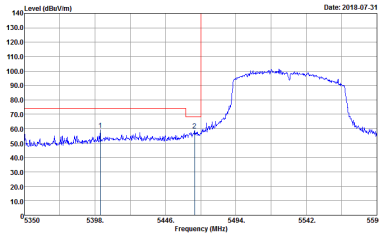
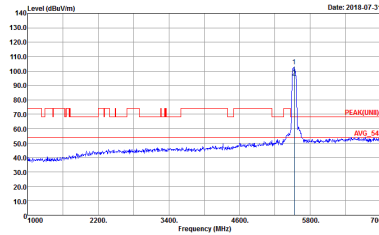
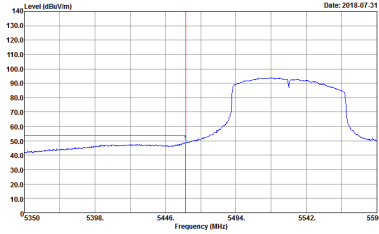


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT1)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 30	 Site : 03CH07-HY Condition : PEAK(UNIT1) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 30
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT1)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 30	Left blank

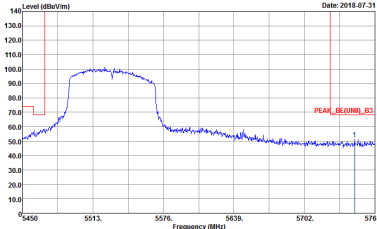


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UH11)_B3_3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 862732 Mode : 30	Left blank

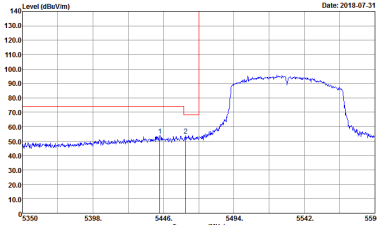
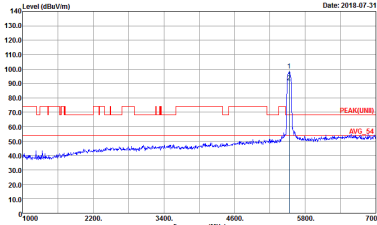
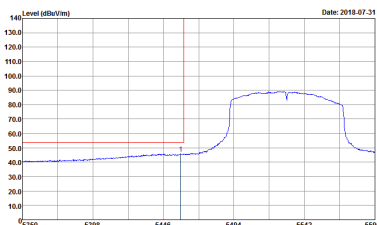
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 32	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 32
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 32	Left blank

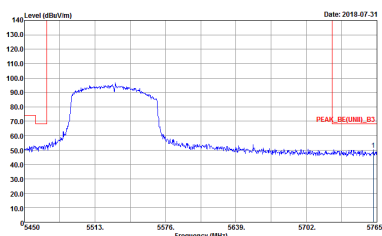


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : B62732 Mode : 32	Left blank

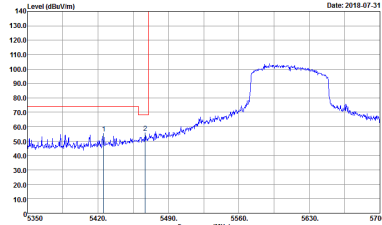
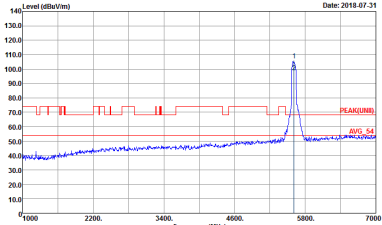
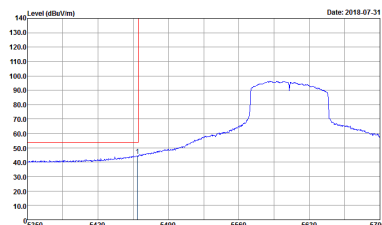


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 32	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 32
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 32	Left blank

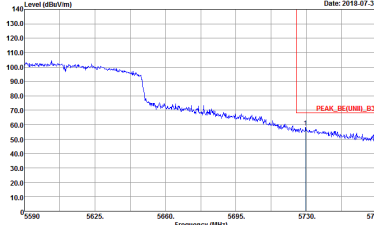


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : B62732 Mode : 32	Left blank

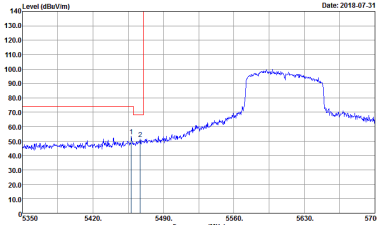
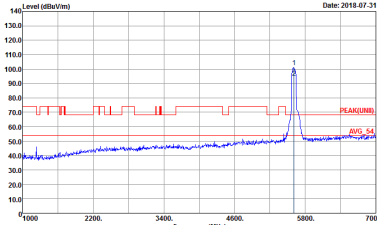
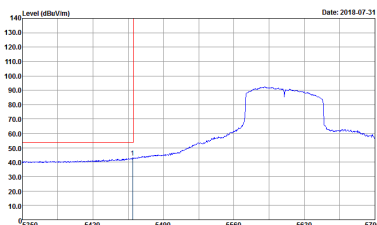


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT1)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 33	 Site : 03CH07-HY Condition : PEAK(UNIT1) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 33
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT1)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 33	Left blank

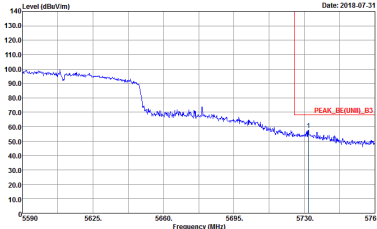


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto Detector : Peak Project : B62732 Mode : 33	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 33	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 33
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 33	Left blank



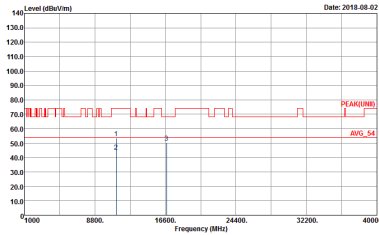
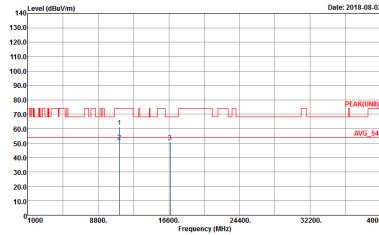
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 VERTICAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : B62732 Mode : 33	Left blank



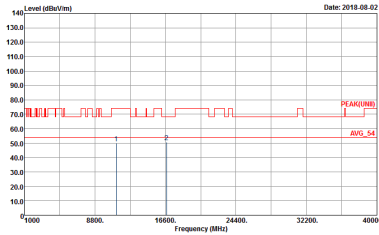
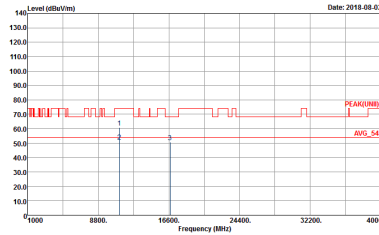
Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CM07-HY Condition : PEAK(UNIT) 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 862732 Mode : 15	Site : 03CM07-HY Condition : PEAK(UNIT) 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 862732 Mode : 15

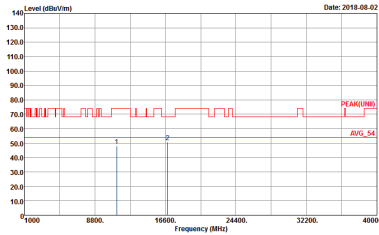
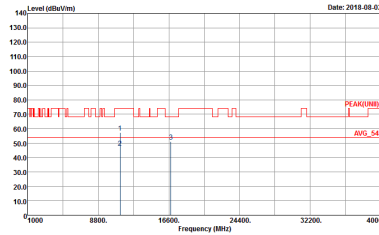
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 Date: 2018-08-02 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 19	 Date: 2018-08-02 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 19

Band 3 5470~5725MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

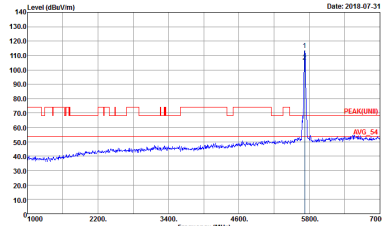
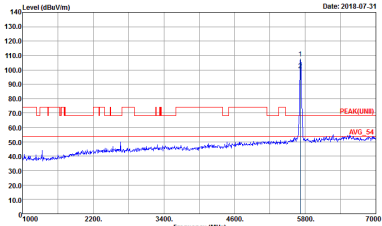
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 Date: 2018-08-02 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : Z3	 Date: 2018-08-02 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : Z3

Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 33	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 33

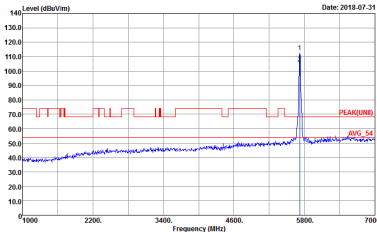
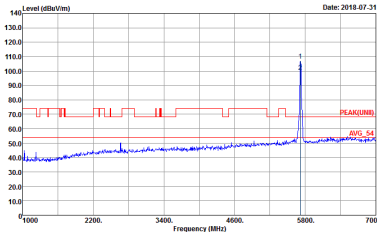


Band 3 - Straddle Channel
WIFI 802.11a (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11a CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNIT1) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 17	 Site : 03CH07-HY Condition : PEAK(UNIT1) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 17

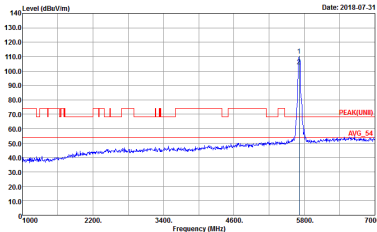
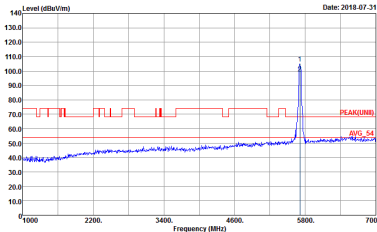


Band 3 – Straddle Channel
WIFI 802.11n HT20 (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11n HT20 CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UMB) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 21	 Site : 03CH07-HY Condition : PEAK(UMB) 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 21

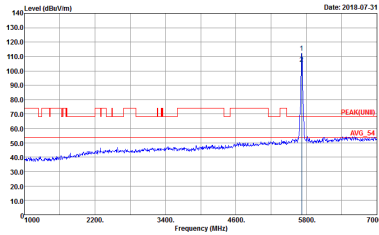
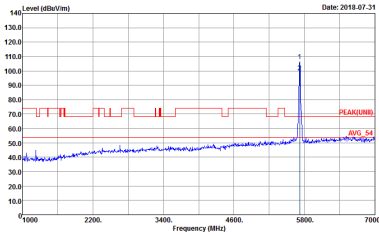


Band 3 – Straddle Channel
WIFI 802.11n HT40 (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11n HT40 CH142 5710MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UM11) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 2B	 Site : 03CH07-HY Condition : PEAK(UM11) 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 2B

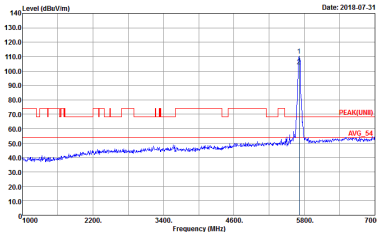
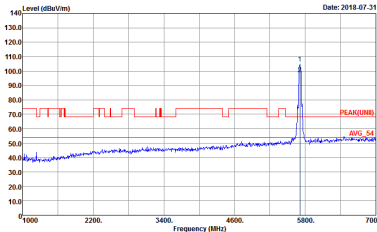


Band 3 – Straddle Channel
WIFI 802.11ac VHT20 (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 25	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 25

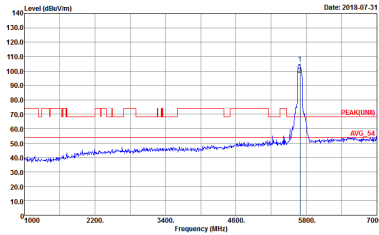
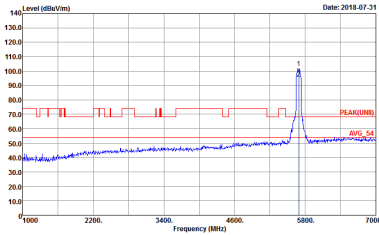


Band 3 – Straddle Channel
WIFI 802.11ac VHT40 (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UMI) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 31	 Site : 03CH07-HY Condition : PEAK(UMI) 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 31

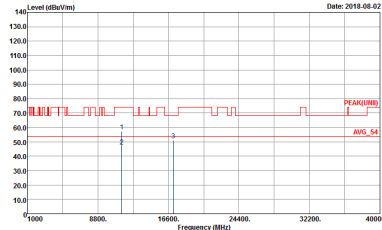
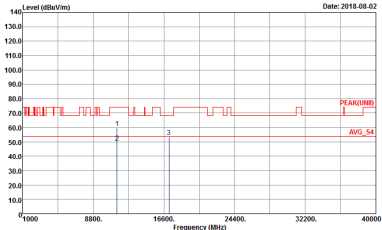


Band 3 – Straddle Channel
WIFI 802.11ac VHT80 (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 34	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : 862732 Mode : 34

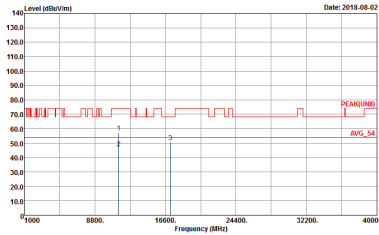
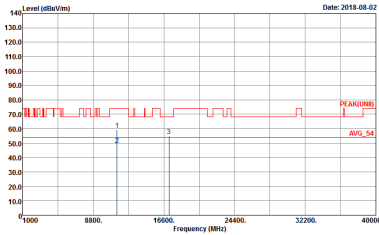


Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CM07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 17	 Site : 03CM07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 17

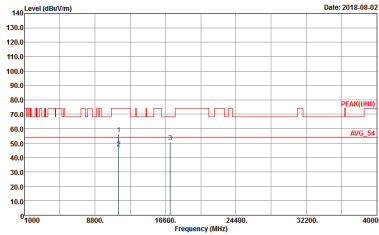
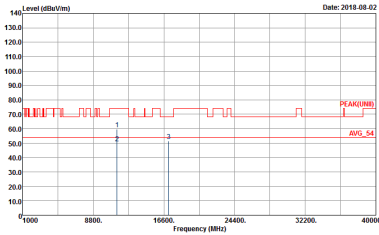


Band 3 – Straddle Channel
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11n HT20 CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : Z1	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : Z1

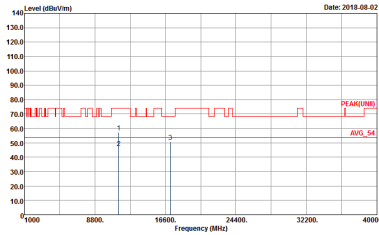
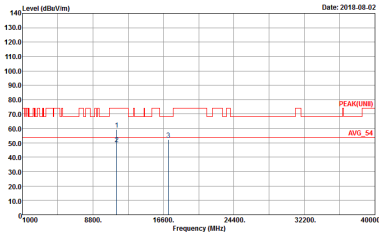


Band 3 – Straddle Channel
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11n HT40 CH142 5710MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UWB) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : Z8	 Site : 03CH07-HY Condition : PEAK(UWB) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : Z8

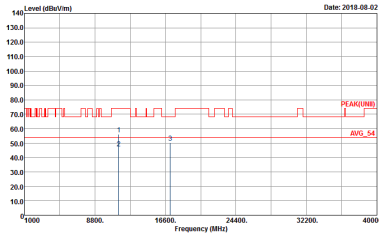
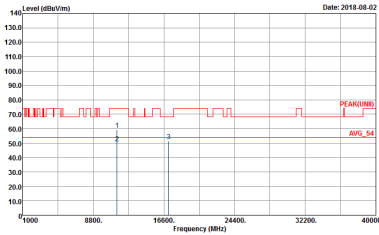


Band 3 – Straddle Channel
WIFI 802.11ac VHT20 (Harmonic @ 3m)

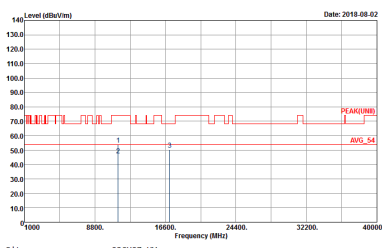
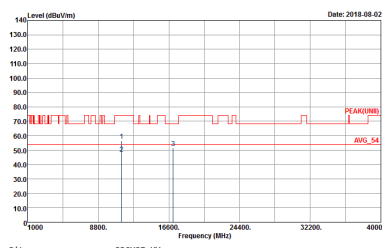
WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 25	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 25



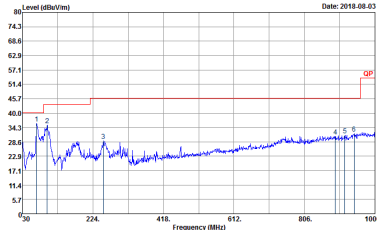
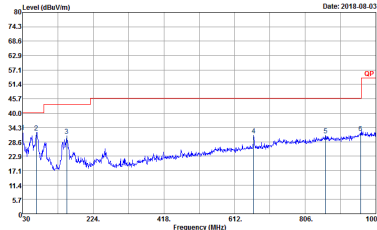
Band 3 – Straddle Channel
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 31	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 31

Band 3 – Straddle Channel
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 34	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 34

Emission below 1GHz
5GHz WIFI 802.11n HT20 (LF)

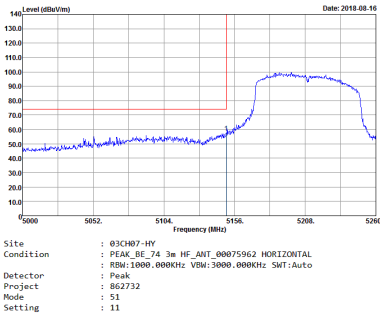
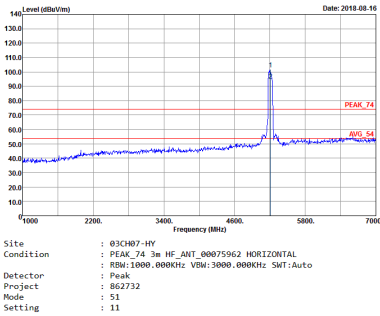
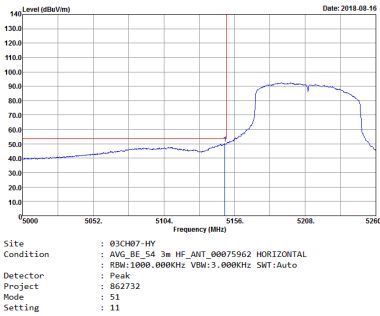
WIFI	5GHz WIFI	
ANT	802.11n HT20 LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CM07-HY Condition : QP 3m LF-ANT-35419(6) HORIZONTAL Detector : Peak Project : 862732 Mode : 35	 Site : 03CM07-HY Condition : QP 3m LF-ANT-35419(6) VERTICAL Detector : Peak Project : 862732 Mode : 35



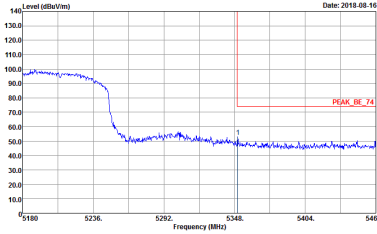
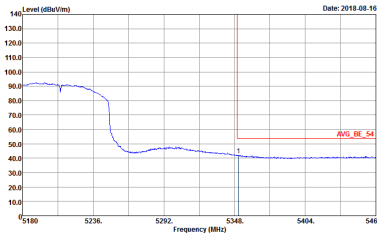
<For Sample 2>

Band 1 - 5150~5250MHz

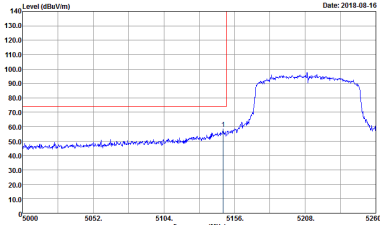
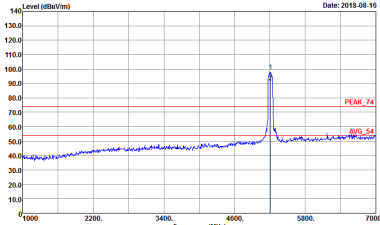
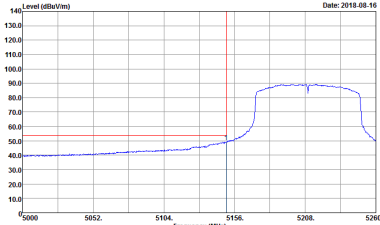
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

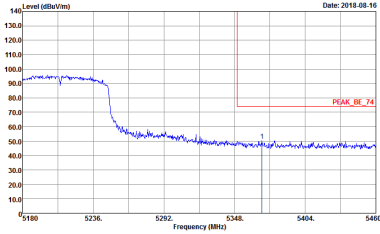
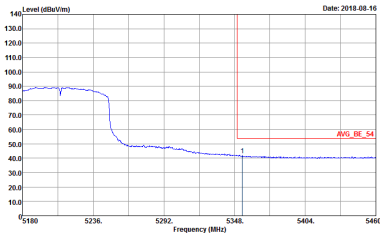


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SMT:Auto Project : Peak Mode : 51 Setting : 11	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SMT:Auto Project : Peak Mode : 51 Setting : 11	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 51 Setting : 11	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 51 Setting : 11
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 51 Setting : 11	Left blank



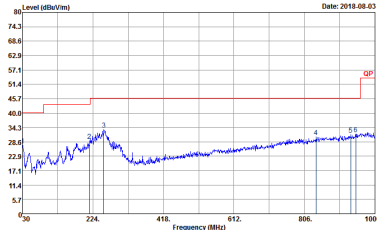
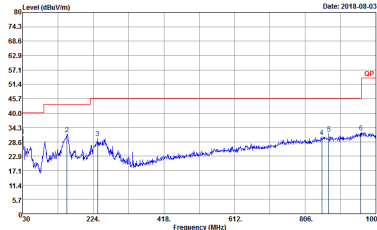
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 51 Setting : 11	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 51 Setting : 11	Left blank



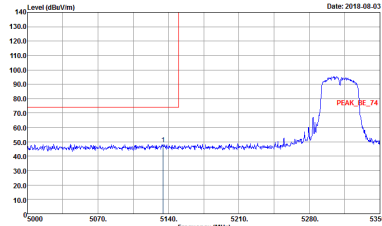
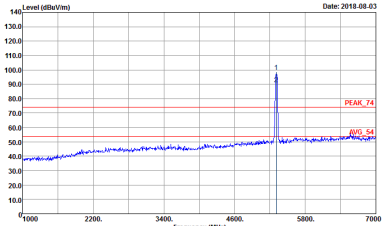
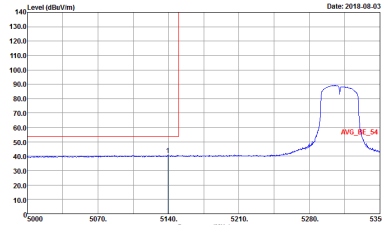
Band 1 - 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CM07-HY Condition : PEAK(UNIT) 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 862732 Mode : 51 Setting : 11	Site : 03CM07-HY Condition : PEAK(UNIT) 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 862732 Mode : 51 Setting : 11

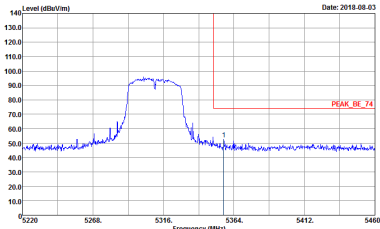
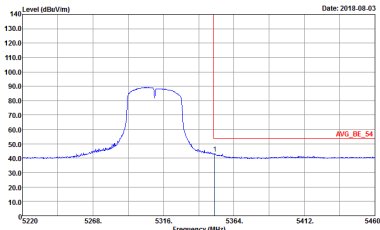
Emission below 1GHz
5GHz WIFI 802.11ac VHT80 (LF)

WIFI	5GHz WIFI	
ANT	802.11ac VHT80 LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CM07-HY Condition : QP 3m LF-ANT-35419(6) HORIZONTAL Detector : Peak Project : 862732 Mode : 55	 Site : 03CM07-HY Condition : QP 3m LF-ANT-35419(6) VERTICAL Detector : Peak Project : 862732 Mode : 55

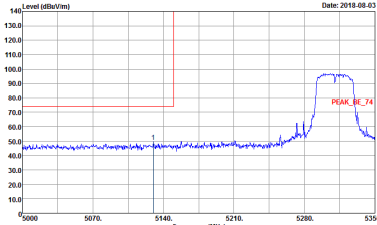
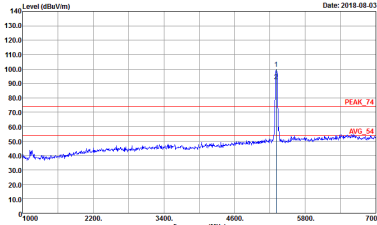
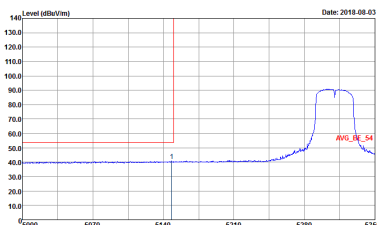
Band 2 - 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 52	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 52
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 52	Left blank

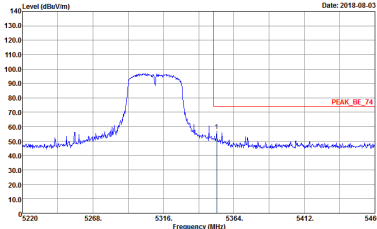
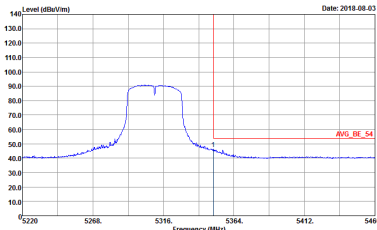


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Project : B62732 Mode : 52	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SMT:Auto Detector : Peak Project : B62732 Mode : 52	Left blank



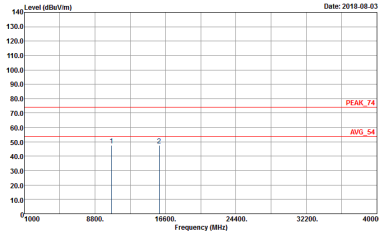
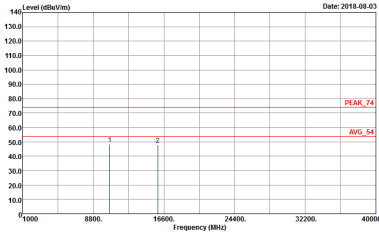
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 52	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 52
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 52	Left blank



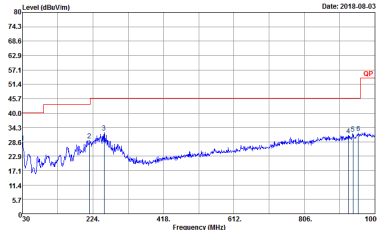
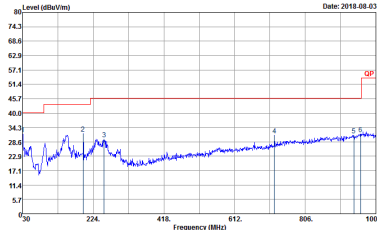
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : S2	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : S2	Left blank



Band 2 - 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

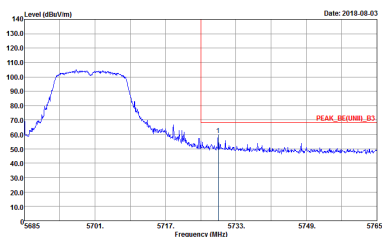
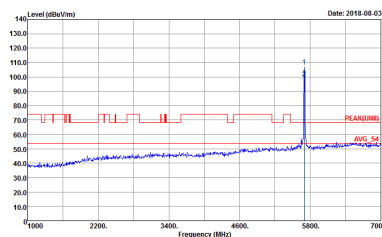
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : S2	 Site : 03CH07-HY Condition : PEAK_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : S2

Emission below 1GHz
5GHz WIFI 802.11n HT40 (LF)

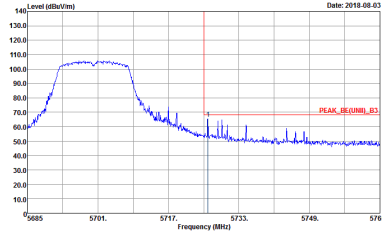
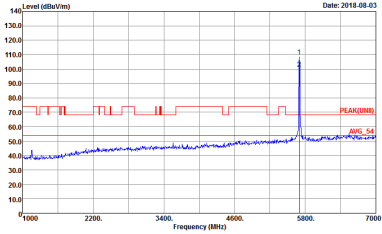
WIFI	5GHz WIFI	
ANT	802.11n HT40 LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CM07-HY Condition : QP 3m LF-ANT-35419(6) HORIZONTAL Detector : Peak Project : 862732 Mode : S6	 Site : 03CM07-HY Condition : QP 3m LF-ANT-35419(6) VERTICAL Detector : Peak Project : 862732 Mode : S6



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

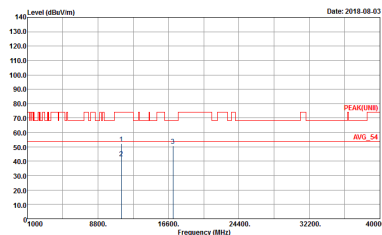
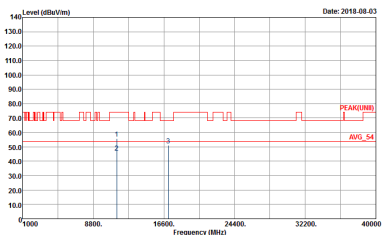
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT1)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 53	 Site : 03CH07-HY Condition : PEAK(UNIT1) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 53



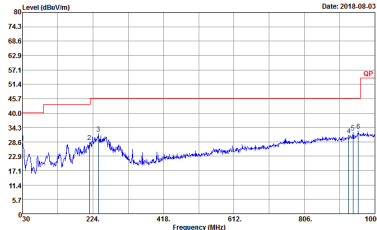
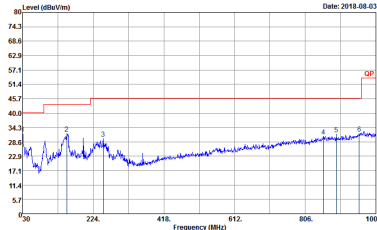
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 53	 Site : 03CH07-HY Condition : PEAK_F(UNII)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 53



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 862732 Mode : 53	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 862732 Mode : 53

Emission below 1GHz
5GHz WIFI 802.11n HT20 (LF)

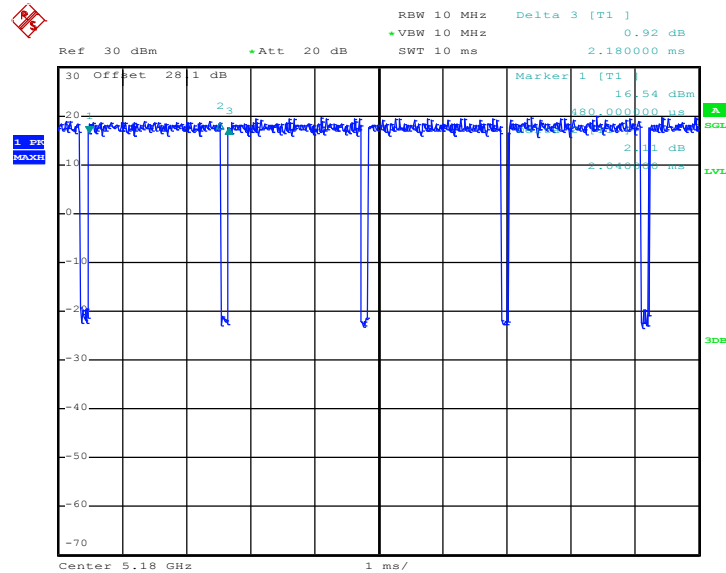
WIFI	5GHz WIFI	
ANT	802.11n HT20 LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CM07-HY Condition : QP 3m LF-ANT-35419(6) HORIZONTAL Detector : Peak Project : 862732 Mode : 57	 Site : 03CM07-HY Condition : QP 3m LF-ANT-35419(6) VERTICAL Detector : Peak Project : 862732 Mode : 57



Appendix D. Duty Cycle Plots

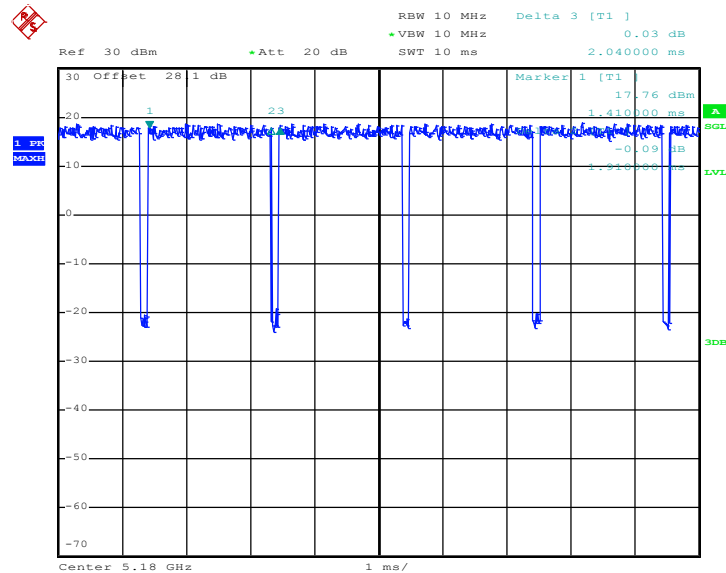
Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
1	802.11a	93.58	2040.00	0.49	1kHz	0.29
1	5GHz 802.11n HT20	93.63	1910.00	0.52	1kHz	0.29
1	5GHz 802.11n HT40	89.62	950.00	1.05	3kHz	0.48
1	5GHz 802.11ac VHT20	94.12	1920.00	0.52	1kHz	0.26
1	5GHz 802.11ac VHT40	89.72	960.00	1.04	3kHz	0.47
1	5GHz 802.11ac VHT80	86.90	730.00	1.37	3kHz	0.61

802.11a



Date: 24.JUL.2018 07:23:36

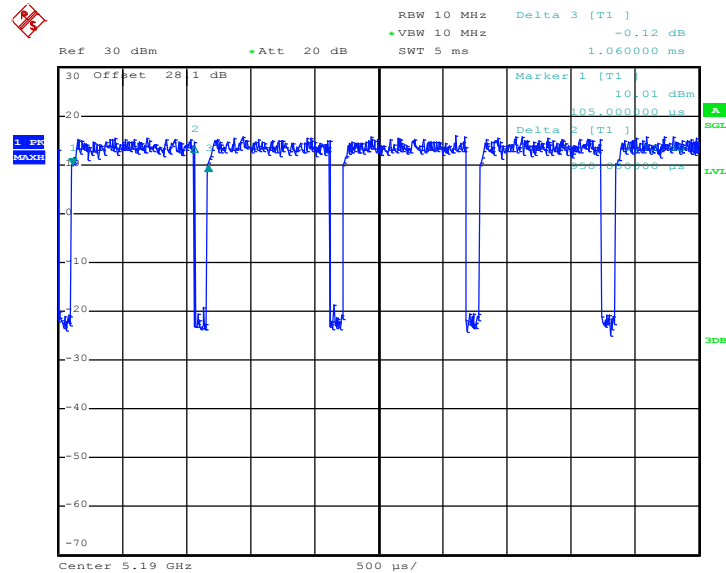
802.11n HT20



Date: 25.JUL.2018 00:02:02

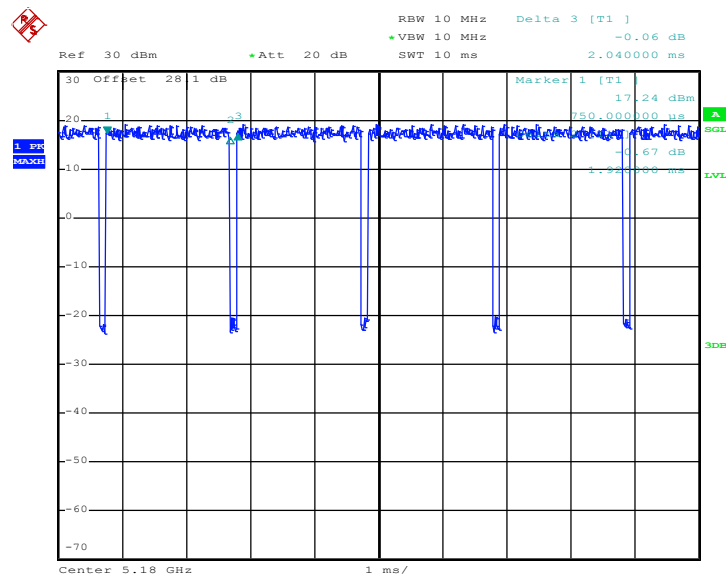


802.11n HT40



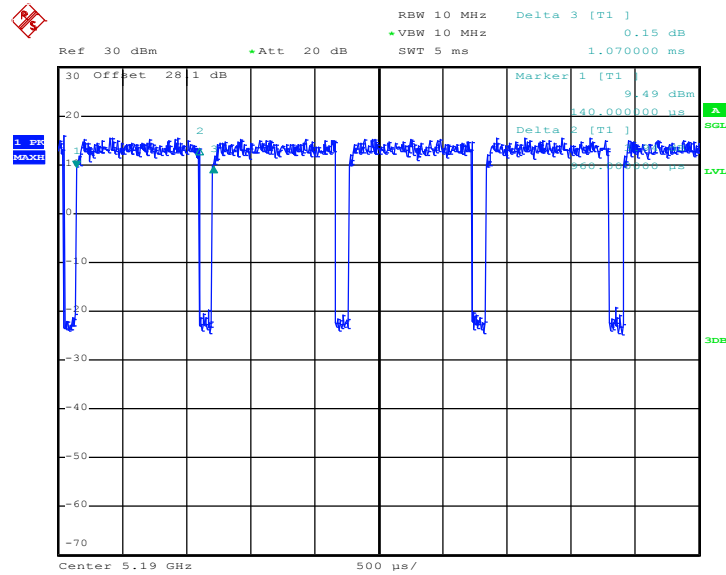
Date: 25.JUL.2018 01:22:10

802.11ac VHT20



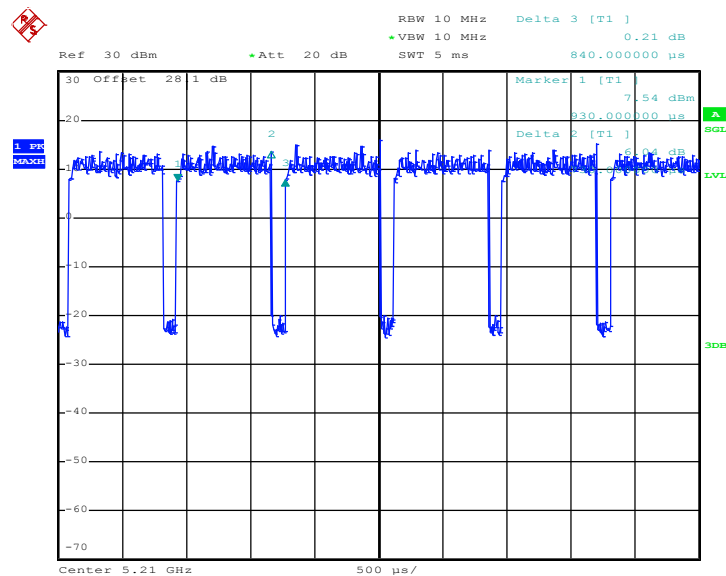
Date: 25.JUL.2018 01:57:35

802.11ac VHT40



Date: 25.JUL.2018 02:22:18

802.11ac VHT80



Date: 25.JUL.2018 02:50:01